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The following report(s) provides findings from an FDA-initiated query using Sentinel. While Sentinel queries may be undertaken to assess potential medical product safety risks, they may also be initiated for various other reasons. Some examples include determining a rate or count of an identified health outcome of interest, examining medical product use, exploring the feasibility of future, more detailed analyses within Sentinel, and seeking to better understand Sentinel capabilities.

Data obtained through Sentinel are intended to complement other types of evidence such as preclinical studies, clinical trials, postmarket studies, and adverse event reports, all of which are used by FDA to inform regulatory decisions regarding medical product safety. The information contained in this report is provided as part of FDA's commitment to place knowledge acquired from Sentinel in the public domain as soon as possible. Any public health actions taken by FDA regarding products involved in Sentinel queries will continue to be communicated through existing channels.

FDA wants to emphasize that the fact that FDA has initiated a query involving a medical product and is reporting findings related to that query does not mean that FDA is suggesting health care practitioners should change their prescribing practices for the medical product or that patients taking the medical product should stop using it. Patients who have questions about the use of an identified medical product should contact their health care practitioners.

The following report contains a description of the request, request specifications, and results from the modular program run(s).

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Overview for Request: cder_mpl2p_wp045 (Supplementary Report)

Request ID: cder_mpl2p_wp045

Note: This request ID consists of two parts, Part 1 (v01) and 2 (v02), where the part 2 or v02 analytic package and report represents the final analysis for this study. The v02 analysis includes certain updates to the implementation of selection and censoring criteria for the non-ustekinumab biologics group compared to the v01 analysis.

From the main report

Request Description: In this request, we investigated the comparative risk of serious infection associated with use of ustekinumab and comparator non-ustekinumab biologics (infliximab, adalimumab, or vedolizumab) in adults with Crohn's disease (CD) in the Sentinel Distributed Database (SDD).

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 12.1.2, with Propensity Score Analysis module and custom programming.

Data Source: We distributed the original request i.e., the v01 analytic package to six Data Partners (DPs) on December 18, 2023. The study period included data from October 1, 2016 to June 30, 2023. The v02 analytic package was distributed on 22 April 2024 and was run on the frozen dataset retained from the original v01 distribution request at the respective DPs. See Appendix A for a list of the latest dates of available data for each DP included in this report.

The study design, eligibility criteria, exposure, outcomes, follow-up and covariates for the v02 supplementary report are the same as for the v02 main report. Details can be found in the main report.

Supplementary Report Description:

This supplementary report, requested by the FDA, contains information regarding the all eligible episodes in the study population from cder_mpl2p_wp045, i.e., before the exclusion of patients who had a earlier eligible initiation of the other exposure group (main report, Table 27, Row 76).

Specifically, the patients included in **this supplementary report** may have valid eligible exposure episodes for more than one exposure group. In the comparative analysis described in the **main report**, only the first of the eligible exposure episodes is included.

- For example, if a patient has an eligible ustekinumab as well as an eligible infliximab exposure episode in the query period, both the episodes can be included in the supplementary report. However, only the earlier of the two episodes can be included in the comparative analysis described in the main report.

The tables in this report include the following:

- Cohort Attrition Table for the individuals included in the supplementary report.
- Summary of Time to End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 along with the reasons for it i.e., 1) end of exposure episode, 2) occurrence of outcome, 3) user-defined censoring criteria, 4) disenrollment, 5) death, 6) end date of the data provided by each Data Partner and 7) end of study period.
- Summary of Time to End of Observable Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 along with the reasons for it i.e., 1) disenrollment, 2) death, 3) end date of the data provided by each Data Partner and 4) end of study period
- List of codes used to define outcomes of interest, with their event counts

Appendices: Please see the main report for all related appendices. Please see appendix A for a list of dates of available data for each DP as of the request distribution date.

Limitations: Algorithms used to define exposures, outcomes, inclusion and exclusion criteria, and characteristics are imperfect and may be misclassified. Therefore, data should be interpreted with this limitation in mind.

Notes: Please contact the Sentinel Operations Center (info@sentinelssystem.org) for questions and to provide comments/suggestions for future enhancements to this document. For more information on Sentinel's routine querying modules, please refer to the documentation (<https://dev.sentinelssystem.org/projects/SENTINEL/repos/sentinel-routine-querying-tooldocumentation/browse>).

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**Glossary of Terms for Analyses Using
Cohort Identification and Descriptive Analysis (CIDA) Module***

Amount Supplied - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing.

Blackout Period - number of days at the beginning of a treatment episode that events are to be ignored. If an event occurs during the blackout period, the episode is excluded.

Care Setting - type of medical encounter or facility where the exposure, event, or condition code was recorded.

Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency Department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or Missing (U). The Care Setting, along with the Principal Diagnosis Indicator (PDX), forms the Care Setting/PDX parameter.

Ambulatory Visit (AV) - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters.

Emergency Department (ED) - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits.

Inpatient Hospital Stay (IP) - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date.

Non-Acute Institutional Stay (IS) - includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays.

Other Ambulatory Visit (OA) - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email

Charlson/Elixhauser Combined Comorbidity Score - calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (e.g., in the 183 days prior to index).

Code Days - the minimum number of times the diagnosis must be found during the evaluation period in order to fulfill the algorithm to identify the corresponding patient characteristic.

Cohort Definition (drug/exposure) - indicates how the cohort will be defined: 01: Cohort includes only the first valid treatment episode during the query period; 02: Cohort includes all valid treatment episodes during the query period; 03: Cohort includes all valid treatment episodes during the query period until an event occurs.

Computed Start Marketing Date - represents the first observed dispensing date among all valid users within a GROUP (scenario) within each Data Partner site.

Days Supplied - number of days supplied for all dispensings in qualifying treatment episodes.

Eligible Members - number of members eligible for an incident treatment episode (defined by the drug/exposure and event washout periods) with drug and medical coverage during the query period.

Enrollment Gap - number of days allowed between two consecutive enrollment periods without breaking a "continuously enrolled" sequence.

Episodes - treatment episodes; length of episode is determined by days supplied in one dispensing or consecutive dispensings bridged by the episode gap.

Episode Gap - number of days allowed between two (or more) consecutive exposures (dispensings/procedures) to be considered the same treatment episode.

Event Deduplication - specifies how events are counted by the Modular Program (MP) algorithm: 0: Counts all occurrences of a health outcome of interest (HOI) during an exposure episode; 1: de-duplicates occurrences of the same HOI code and code type on the same day; 2: de-duplicates occurrences of the same HOI group on the same day (e.g., de-duplicates at the group level).

Exposure Episode Length - number of days after exposure initiation that is considered "exposed time."

Exposure Extension Period - number of days post treatment period in which the outcomes/events are counted for a treatment episode. Extensions are added after any episode gaps have been bridged.

Lookback Period - number of days wherein a member is required to have evidence of pre-existing condition (diagnosis/procedure/drug dispensing).

**Glossary of Terms for Analyses Using
Cohort Identification and Descriptive Analysis (CIDA) Module***

Maximum Episode Duration - truncates exposure episodes after a requester-specified number of exposed days. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Member-Years - sum of all days of enrollment with medical and drug coverage in the query period preceded by an exposure washout period all divided by 365.25.

Minimum Days Supplied - specifies a minimum number of days in length of the days supplied for the episode to be considered.

Minimum Episode Duration - specifies a minimum number of days in length of the episode for it to be considered. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Monitoring Period - used to define time periods of interest for both sequential analysis and simple cohort characterization requests.

Principal Diagnosis (PDX) - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the Caresetting/PDX parameter.

Query Period - period in which the modular program looks for exposures and outcomes of interest.

Switch Evaluation Step Value - value used to differentiate evaluation step. Each switch pattern can support up to 2 evaluation steps (0 = switch pattern evaluation start; 1 = first evaluation; 2 = second evaluation).

Switch Gap Inclusion Indicator - indicator for whether gaps in treatment episodes that are included in a switch episode will be counted as part of the switch episode duration.

Switch Pattern Cohort Inclusion Date - indicates which date to use for inclusion into the switch pattern cohort of interest as well as optionally as the index date of the treatment episode initiating the switch pattern. Valid options are the product approval date, product marketing date, other requester defined date, or computed start marketing date.

Switch Pattern Cohort Inclusion Strategy - indicates how the switch pattern cohort inclusion date will be used: 01: used only as a switch cohort entry date. First treatment episode dispensing date is used as index for computing time to first switch; 02: used as switch cohort entry date and as initial switch step index date for computing time to first

Treatment Episode Truncation Indicator - indicates whether the exposure episode will be truncated at the occurrence of a requester-specified code.

Washout Period (drug/exposure) - number of days a user is required to have no evidence of prior exposure (drug dispensing/procedure) and continuous drug and medical coverage prior to an incident treatment episode.

Washout Period (event/outcome) - number of days a user is required to have no evidence of a prior event (procedure/diagnosis) and continuous drug and medical coverage prior to an incident treatment episode.

Years at Risk - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25.

*all terms may not be used in this report

Table 1. Summary of Time to End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes by Episode Length										
	Total	0-90 days		91-180 days		181-270 days		271-365 days		366+ days	
		Number of Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	3,938	19.1%	5,041	24.5%	2,280	11.1%	1,868	9.1%	7,462	36.2%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	10,447	19.8%	11,611	22.1%	6,763	12.8%	5,262	10.0%	18,562	35.3%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	3,658	17.8%	5,028	24.4%	2,263	11.0%	1,875	9.1%	7,765	37.7%
<i>Comparator Users and Acute Meningitis</i>	52,645	9,768	18.6%	11,582	22.0%	6,754	12.8%	5,332	10.1%	19,209	36.5%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	3,754	18.2%	5,026	24.4%	2,271	11.0%	1,881	9.1%	7,657	37.2%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	9,979	19.0%	11,569	22.0%	6,753	12.8%	5,294	10.1%	19,050	36.2%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	3,663	17.8%	5,029	24.4%	2,260	11.0%	1,876	9.1%	7,761	37.7%
<i>Comparator Users and Pyelonephritis</i>	52,645	9,778	18.6%	11,592	22.0%	6,765	12.9%	5,323	10.1%	19,187	36.4%
<i>Ustekinumab Users and Pneumonia</i>	20,589	3,712	18.0%	5,032	24.4%	2,259	11.0%	1,878	9.1%	7,708	37.4%
<i>Comparator Users and Pneumonia</i>	52,645	9,958	18.9%	11,603	22.0%	6,745	12.8%	5,312	10.1%	19,027	36.1%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	3,667	17.8%	5,024	24.4%	2,262	11.0%	1,874	9.1%	7,762	37.7%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	9,774	18.6%	11,582	22.0%	6,757	12.8%	5,335	10.1%	19,197	36.5%
<i>Ustekinumab Users and Bacteremia</i>	20,589	3,764	18.3%	5,049	24.5%	2,265	11.0%	1,866	9.1%	7,645	37.1%
<i>Comparator Users and Bacteremia</i>	52,645	10,040	19.1%	11,574	22.0%	6,771	12.9%	5,318	10.1%	18,942	36.0%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	3,773	18.3%	5,025	24.4%	2,266	11.0%	1,873	9.1%	7,652	37.2%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	10,005	19.0%	11,576	22.0%	6,755	12.8%	5,315	10.1%	18,994	36.1%
<i>Ustekinumab Users and COVID-19</i>	20,589	3,666	17.8%	5,030	24.4%	2,261	11.0%	1,875	9.1%	7,757	37.7%
<i>Comparator Users and COVID-19</i>	52,645	9,776	18.6%	11,597	22.0%	6,757	12.8%	5,333	10.1%	19,182	36.4%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	3,931	19.1%	5,041	24.5%	2,278	11.1%	1,871	9.1%	7,468	36.3%
<i>Comparator Users and Serious Infection Composite</i>	52,645	10,440	19.8%	11,603	22.0%	6,759	12.8%	5,260	10.0%	18,583	35.3%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	2,623	24.0%	2,609	23.9%	1,444	13.2%	1,082	9.9%	3,179	29.1%

Table 1. Summary of Time to End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes by Episode Length										
	Total	0-90 days		91-180 days		181-270 days		271-365 days		366+ days	
		Number of Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	8,392	24.2%	8,100	23.4%	4,734	13.7%	3,473	10.0%	9,926	28.7%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	2,330	22.8%	2,951	28.9%	1,298	12.7%	911	8.9%	2,721	26.6%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	4,984	24.2%	5,130	24.9%	3,043	14.8%	1,850	9.0%	5,617	27.2%

Table 1. Summary of Time to End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	Distribution of At-Risk Time in Days, by Episode						Standard Deviation
	Minimum	Q1	Median	Q3	Maximum	Mean	
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	1	112	229	534	2,391	393.0	424.8
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	1	112	232	508	2,453	390.9	422.6
<i>Ustekinumab Users and Acute Meningitis</i>	1	112	240	561	2,391	409.1	436.4
<i>Comparator Users and Acute Meningitis</i>	1	112	243	529	2,453	404.7	432.8
<i>Ustekinumab Users and Gastrointestinal Infection</i>	1	112	236	553	2,391	403.9	432.9
<i>Comparator Users and Gastrointestinal Infection</i>	1	112	240	524	2,453	401.3	430.5
<i>Ustekinumab Users and Pyelonephritis</i>	1	112	240	560	2,391	408.6	435.7
<i>Comparator Users and Pyelonephritis</i>	1	112	243	528	2,453	404.3	432.3
<i>Ustekinumab Users and Pneumonia</i>	1	112	238	556	2,391	405.9	434.0
<i>Comparator Users and Pneumonia</i>	1	112	239	522	2,453	400.2	428.9
<i>Ustekinumab Users and Acute Osteomyelitis</i>	1	112	240	560	2,391	408.8	436.1
<i>Comparator Users and Acute Osteomyelitis</i>	1	112	243	528	2,453	404.6	432.7
<i>Ustekinumab Users and Bacteremia</i>	1	112	235	551	2,391	402.2	431.2
<i>Comparator Users and Bacteremia</i>	1	112	238	520	2,453	399.2	428.9
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	1	112	236	551	2,391	403.5	433.0
<i>Comparator Users and Skin or soft Tissue Infection</i>	1	112	239	523	2,453	400.5	430.2
<i>Ustekinumab Users and COVID-19</i>	1	112	239	560	2,391	408.4	435.6
<i>Comparator Users and COVID-19</i>	1	112	243	527	2,453	403.9	431.7
<i>Ustekinumab Users and Serious Infection Composite</i>	1	112	229	534	2,391	393.4	425.2
<i>Comparator Users and Serious Infection Composite</i>	1	112	232	508	2,453	391.3	423.1
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	1	98	194	412	1,252	289.0	272.7
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	1	95	196	408	1,278	292.2	272.9

Table 1. Summary of Time to End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	Distribution of At-Risk Time in Days, by Episode						
	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	1	103	169	386	1,178	265.7	244.7
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	1	94	187	390	1,177	275.9	249.4

Table 2. Summary of Reasons for End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Censoring Reason														
	End of Exposure Episode ²			Occurrence of Outcome of Interest ³		Occurrence of User-Defined Censoring Criteria ⁴		Evidence of Death ⁵		Disenrollment ⁶		End of Data ⁷		End of Study Period ⁸	
	Total Number of Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	6,693	32.5%	1,008	4.9%	2,675	13.0%	115	0.6%	9,656	46.9%	6,133	29.8%	0	0.0%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	19,122	36.3%	2,790	5.3%	6,753	12.8%	416	0.8%	22,896	43.5%	13,032	24.8%	0	0.0%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	7,136	34.7%	*****	*****	2,751	13.4%	178	0.9%	10,067	48.9%	6,415	31.2%	0	0.0%
<i>Comparator Users and Acute Meningitis</i>	52,645	20,483	38.9%	15	0.0%	7,056	13.4%	656	1.2%	23,758	45.1%	13,616	25.9%	0	0.0%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	6,979	33.9%	348	1.7%	2,721	13.2%	163	0.8%	9,927	48.2%	6,320	30.7%	0	0.0%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	20,066	38.1%	801	1.5%	6,949	13.2%	608	1.2%	23,553	44.7%	13,470	25.6%	0	0.0%

Table 2. Summary of Reasons for End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Censoring Reason														
	End of Exposure Episode ²			Occurrence of Outcome of Interest ³		Occurrence of User-Defined Censoring Criteria ⁴		Evidence of Death ⁵		Disenrollment ⁶		End of Data ⁷		End of Study Period ⁸	
	Total Number of Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	7,121	34.6%	33	0.2%	2,751	13.4%	178	0.9%	10,053	48.8%	6,406	31.1%	0	0.0%
<i>Comparator Users and Pyelonephritis</i>	52,645	20,451	38.8%	84	0.2%	7,051	13.4%	647	1.2%	23,736	45.1%	13,596	25.8%	0	0.0%
<i>Ustekinumab Users and Pneumonia</i>	20,589	7,023	34.1%	260	1.3%	2,736	13.3%	145	0.7%	9,974	48.4%	6,347	30.8%	0	0.0%
<i>Comparator Users and Pneumonia</i>	52,645	20,061	38.1%	924	1.8%	6,981	13.3%	521	1.0%	23,482	44.6%	13,433	25.5%	0	0.0%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	7,124	34.6%	30	0.1%	2,748	13.3%	175	0.8%	10,059	48.9%	6,407	31.1%	0	0.0%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	20,447	38.8%	60	0.1%	7,056	13.4%	652	1.2%	23,753	45.1%	13,608	25.8%	0	0.0%
<i>Ustekinumab Users and Bacteremia</i>	20,589	6,932	33.7%	459	2.2%	2,721	13.2%	133	0.6%	9,896	48.1%	6,303	30.6%	0	0.0%
<i>Comparator Users and Bacteremia</i>	52,645	19,870	37.7%	1,244	2.4%	6,948	13.2%	495	0.9%	23,417	44.5%	13,382	25.4%	0	0.0%

Table 2. Summary of Reasons for End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Censoring Reason														
	End of Exposure Episode ²		Occurrence of Outcome of Interest ³		Occurrence of User-Defined Censoring Criteria ⁴		Evidence of Death ⁵		Disenrollment ⁶		End of Data ⁷		End of Study Period ⁸		
	Total Number of Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	6,959	33.8%	369	1.8%	2,721	13.2%	164	0.8%	9,929	48.2%	6,325	30.7%	0	0.0%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	20,019	38.0%	894	1.7%	6,952	13.2%	612	1.2%	23,497	44.6%	13,447	25.5%	0	0.0%
<i>Ustekinumab Users and COVID-19</i>	20,589	7,121	34.6%	61	0.3%	2,746	13.3%	171	0.8%	10,036	48.7%	6,391	31.0%	0	0.0%
<i>Comparator Users and COVID-19</i>	52,645	20,444	38.8%	173	0.3%	7,050	13.4%	629	1.2%	23,674	45.0%	13,543	25.7%	0	0.0%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	6,700	32.5%	981	4.8%	2,677	13.0%	116	0.6%	9,673	47.0%	6,144	29.8%	0	0.0%
<i>Comparator Users and Serious Infection Composite</i>	52,645	19,137	36.4%	2,714	5.2%	6,758	12.8%	426	0.8%	22,943	43.6%	13,072	24.8%	0	0.0%

Table 2. Summary of Reasons for End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Censoring Reason														
	End of Exposure Episode ²		Occurrence of Outcome of Interest ³		Occurrence of User-Defined Censoring Criteria ⁴		Evidence of Death ⁵		Disenrollment ⁶		End of Data ⁷		End of Study Period ⁸		
	Total Number of Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	2,792	25.5%	477	4.4%	1,232	11.3%	39	0.4%	1,821	16.6%	0	0.0%	4,618	42.2%
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	11,661	33.7%	1,535	4.4%	3,687	10.6%	162	0.5%	6,260	18.1%	0	0.0%	11,486	33.2%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	2,718	26.6%	341	3.3%	1,043	10.2%	47	0.5%	5,678	55.6%	4,651	45.5%	0	0.0%

Table 2. Summary of Reasons for End of At-Risk Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Censoring Reason														
	End of Exposure Episode ²		Occurrence of Outcome of Interest ³		Occurrence of User-Defined Censoring Criteria ⁴		Evidence of Death ⁵		Disenrollment ⁶		End of Data ⁷		End of Study Period ⁸		
	Total Number of Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	5,015	24.3%	813	3.9%	2,052	9.9%	164	0.8%	11,921	57.8%	9,779	47.4%	0	0.0%

¹An episode may be censored due to more than one reason if they occur on the same date. Therefore, the sum of the reasons for censoring may be greater than the total number of episodes.

Table 3. Summary of Time to End of At-Risk Period due to End of Exposure Episode for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to End of Exposure Episode by Episode Length							
	Total Number of Episodes	Total Number of Episodes Censored due to End of Exposure Episode ¹	0-90 days		91-180 days		181-270 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	6,693	313	4.7%	3,124	46.7%	770	11.5%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	19,122	3,187	16.7%	6,109	31.9%	2,983	15.6%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	7,136	325	4.6%	3,249	45.5%	821	11.5%
<i>Comparator Users and Acute Meningitis</i>	52,645	20,483	3,277	16.0%	6,495	31.7%	3,199	15.6%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	6,979	325	4.7%	3,202	45.9%	796	11.4%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	20,066	3,233	16.1%	6,353	31.7%	3,128	15.6%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	7,121	325	4.6%	3,245	45.6%	820	11.5%
<i>Comparator Users and Pyelonephritis</i>	52,645	20,451	3,277	16.0%	6,490	31.7%	3,201	15.7%
<i>Ustekinumab Users and Pneumonia</i>	20,589	7,023	321	4.6%	3,216	45.8%	808	11.5%
<i>Comparator Users and Pneumonia</i>	52,645	20,061	3,254	16.2%	6,393	31.9%	3,134	15.6%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	7,124	325	4.6%	3,244	45.5%	821	11.5%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	20,447	3,275	16.0%	6,484	31.7%	3,198	15.6%
<i>Ustekinumab Users and Bacteremia</i>	20,589	6,932	318	4.6%	3,192	46.0%	795	11.5%
<i>Comparator Users and Bacteremia</i>	52,645	19,870	3,246	16.3%	6,317	31.8%	3,116	15.7%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	6,959	318	4.6%	3,201	46.0%	800	11.5%

Table 3. Summary of Time to End of At-Risk Period due to End of Exposure Episode for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to End of Exposure Episode by Episode Length							
	Total Number of Episodes	Total Number of Episodes Censored due to End of Exposure Episode ¹	0-90 days		91-180 days		181-270 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	20,019	3,242	16.2%	6,355	31.7%	3,126	15.6%
<i>Ustekinumab Users and COVID-19</i>	20,589	7,121	325	4.6%	3,246	45.6%	819	11.5%
<i>Comparator Users and COVID-19</i>	52,645	20,444	3,277	16.0%	6,493	31.8%	3,190	15.6%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	6,700	313	4.7%	3,126	46.7%	771	11.5%
<i>Comparator Users and Serious Infection Composite</i>	52,645	19,137	3,187	16.7%	6,110	31.9%	2,987	15.6%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	2,792	190	6.8%	1,379	49.4%	402	14.4%
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	11,661	2,295	19.7%	4,145	35.5%	1,891	16.2%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	2,718	127	4.7%	1,647	60.6%	268	9.9%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	5,015	898	17.9%	1,866	37.2%	842	16.8%

Table 3. Summary of Time to End of At-Risk Period due to End of Exposure Episode for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	271-365 days		366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total	Number of Episodes	Percent of Total	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
		Episodes		Episodes							
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	611	9.1%	1,875	28.0%	57	112	174	400	2,167	318.5	318.8
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	1,911	10.0%	4,932	25.8%	29	112	195	378	2,337	295.4	293.1
<i>Ustekinumab Users and Acute Meningitis</i>	665	9.3%	2,076	29.1%	57	112	180	414	2,179	327.7	327.0
<i>Comparator Users and Acute Meningitis</i>	2,100	10.3%	5,412	26.4%	29	112	196	382	2,337	301.6	298.7
<i>Ustekinumab Users and Gastrointestinal Infection</i>	646	9.3%	2,010	28.8%	57	112	176	409	2,167	325.2	324.9
<i>Comparator Users and Gastrointestinal Infection</i>	2,052	10.2%	5,300	26.4%	29	112	196	382	2,337	301.5	298.7
<i>Ustekinumab Users and Pyelonephritis</i>	663	9.3%	2,068	29.0%	57	112	179	413	2,179	327.1	326.3
<i>Comparator Users and Pyelonephritis</i>	2,090	10.2%	5,393	26.4%	29	112	196	381	2,337	301.2	298.3
<i>Ustekinumab Users and Pneumonia</i>	659	9.4%	2,019	28.7%	57	112	177	408	2,179	324.8	324.3
<i>Comparator Users and Pneumonia</i>	2,043	10.2%	5,237	26.1%	29	112	196	378	2,337	298.5	295.6
<i>Ustekinumab Users and Acute Osteomyelitis</i>	666	9.3%	2,068	29.0%	57	112	179	413	2,179	326.9	325.8
<i>Comparator Users and Acute Osteomyelitis</i>	2,093	10.2%	5,397	26.4%	29	112	196	382	2,337	301.5	298.8
<i>Ustekinumab Users and Bacteremia</i>	640	9.2%	1,987	28.7%	57	112	176	407	2,167	323.0	322.1
<i>Comparator Users and Bacteremia</i>	2,015	10.1%	5,176	26.0%	29	112	196	378	2,337	298.2	296.1
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	643	9.2%	1,997	28.7%	57	112	176	408	2,179	324.3	323.6
<i>Comparator Users and Skin or soft Tissue Infection</i>	2,042	10.2%	5,254	26.2%	29	112	196	379	2,337	300.1	297.6
<i>Ustekinumab Users and COVID-19</i>	666	9.4%	2,065	29.0%	57	112	179	412	2,179	327.1	326.6

Table 3. Summary of Time to End of At-Risk Period due to End of Exposure Episode for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	271-365 days		366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total	Number of Episodes	Percent of Total	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
		Episodes		Episodes							
<i>Comparator Users and COVID-19</i>	2,095	10.2%	5,389	26.4%	29	112	196	381	2,337	301.0	297.8
<i>Ustekinumab Users and Serious Infection Composite</i>	611	9.1%	1,879	28.0%	57	112	174	401	2,167	318.7	318.8
<i>Comparator Users and Serious Infection Composite</i>	1,913	10.0%	4,940	25.8%	29	112	196	378	2,337	295.6	293.3
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	283	10.1%	538	19.3%	57	112	167	300	1,166	238.3	188.6
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	1,177	10.1%	2,153	18.5%	29	112	162	296	1,272	229.5	187.2
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	243	8.9%	433	15.9%	57	112	112	265	1,015	210.6	164.8
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	472	9.4%	937	18.7%	29	112	161	294	1,045	227.0	177.5

¹Represents episodes censored due to end of the exposure episode. In as-treated analyses, exposure episodes are defined using days supplied as recorded in outpatient pharmacy dispensing records, and episodes end after days supplied are exhausted or a pre-determined maximum episode duration is met. In point exposure analyses, exposure episodes end when a pre-determined maximum episode duration is met.

Table 4. Summary of Time to End of At-Risk Period due to Occurrence of Outcome of Interest for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to Occurrence of Outcome of Interest by Episode Length							
			0-90 days		91-180 days		181-270 days	
	Total Number of Episodes	Total Number of Episodes Censored due to Occurrence of Outcome of Interest ¹	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	1,008	332	32.9%	181	18.0%	119	11.8%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	2,790	863	30.9%	555	19.9%	337	12.1%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	*****	*****	*****	0	0.0%	*****	*****
<i>Comparator Users and Acute Meningitis</i>	52,645	15	*****	*****	*****	*****	*****	*****
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	348	109	31.3%	66	19.0%	53	15.2%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	801	285	35.6%	174	21.7%	106	13.2%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	33	*****	*****	*****	*****	*****	*****
<i>Comparator Users and Pyelonephritis</i>	52,645	84	16	19.0%	17	20.2%	*****	*****
<i>Ustekinumab Users and Pneumonia</i>	20,589	260	71	27.3%	49	18.8%	24	9.2%
<i>Comparator Users and Pneumonia</i>	52,645	924	254	27.5%	162	17.5%	102	11.0%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	30	13	43.3%	*****	*****	*****	*****
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	60	14	23.3%	11	18.3%	*****	*****
<i>Ustekinumab Users and Bacteremia</i>	20,589	459	132	28.8%	97	21.1%	51	11.1%
<i>Comparator Users and Bacteremia</i>	52,645	1,244	357	28.7%	228	18.3%	151	12.1%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	369	139	37.7%	63	17.1%	39	10.6%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	894	295	33.0%	185	20.7%	110	12.3%
<i>Ustekinumab Users and COVID-19</i>	20,589	61	11	18.0%	*****	*****	*****	*****
<i>Comparator Users and COVID-19</i>	52,645	173	17	9.8%	22	12.7%	19	11.0%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	981	325	33.1%	178	18.1%	115	11.7%

Table 4. Summary of Time to End of At-Risk Period due to Occurrence of Outcome of Interest for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to Occurrence of Outcome of Interest by Episode Length							
			0-90 days		91-180 days		181-270 days	
	Total Number of Episodes	Total Number of Episodes Censored due to Occurrence of Outcome of Interest ¹	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Comparator Users and Serious Infection Composite</i>	52,645	2,714	854	31.5%	542	20.0%	326	12.0%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	477	192	40.3%	88	18.4%	63	13.2%
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	1,535	592	38.6%	340	22.1%	201	13.1%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	341	136	39.9%	78	22.9%	40	11.7%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	813	303	37.3%	188	23.1%	104	12.8%

Table 4. Summary of Time to End of At-Risk Period due to Occurrence of Outcome of Interest for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	271-365 days		366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	90	8.9%	286	28.4%	9	62	174	416	2,159	308.9	354.8
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	250	9.0%	785	28.1%	9	71	175	414	2,248	315.6	362.6
<i>Ustekinumab Users and Acute Meningitis</i>	0	0.0%	0	0.0%	10	40	147	243	261	141.3	120.4
<i>Comparator Users and Acute Meningitis</i>	*****	*****	*****	*****	20	61	191	347	1,322	312.5	410.1
<i>Ustekinumab Users and Gastrointestinal Infection</i>	34	9.8%	86	24.7%	9	62	179	362	2,081	300.3	356.4
<i>Comparator Users and Gastrointestinal Infection</i>	52	6.5%	184	23.0%	9	61	141	340	2,217	275.1	348.6
<i>Ustekinumab Users and Pyelonephritis</i>	*****	*****	15	45.5%	13	99	347	593	1,679	412.2	374.2
<i>Comparator Users and Pyelonephritis</i>	*****	*****	31	36.9%	12	108	234	645	1,706	405.4	404.1
<i>Ustekinumab Users and Pneumonia</i>	23	8.8%	93	35.8%	9	81	213	589	2,159	379.1	404.7
<i>Comparator Users and Pneumonia</i>	81	8.8%	325	35.2%	9	82	210	526	2,017	368.3	389.3
<i>Ustekinumab Users and Acute Osteomyelitis</i>	*****	*****	*****	*****	11	53	184	543	1,625	414.6	498.2
<i>Comparator Users and Acute Osteomyelitis</i>	*****	*****	16	26.7%	10	114	239	419	1,719	351.5	376.3
<i>Ustekinumab Users and Bacteremia</i>	40	8.7%	139	30.3%	9	78	182	447	2,159	331.3	377.1
<i>Comparator Users and Bacteremia</i>	129	10.4%	379	30.5%	9	79	192	457	2,141	337.3	372.4
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	32	8.7%	96	26.0%	10	52	146	379	2,045	289.3	359.0
<i>Comparator Users and Skin or soft Tissue Infection</i>	83	9.3%	221	24.7%	9	71	155	358	2,248	295.3	349.6
<i>Ustekinumab Users and COVID-19</i>	*****	*****	36	59.0%	9	137	520	834	1,866	557.4	463.0
<i>Comparator Users and COVID-19</i>	11	6.4%	104	60.1%	14	218	482	1,024	2,086	654.3	546.7
<i>Ustekinumab Users and Serious Infection Composite</i>	91	9.3%	272	27.7%	9	62	172	411	2,159	306.9	356.8

Table 4. Summary of Time to End of At-Risk Period due to Occurrence of Outcome of Interest for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	271-365 days		366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number	Percent	Number	Percent	Minimum	Q1	Median	Q3	Maximum	Mean	Standard
	of	of Total	of	of Total							
<i>Comparator Users and Serious Infection Composite</i>	244	9.0%	748	27.6%	9	71	172	405	2,248	309.4	355.9
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	45	9.4%	89	18.7%	10	51	131	302	1,091	210.8	220.3
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	139	9.1%	263	17.1%	9	57	128	281	1,267	207.6	216.0
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	36	10.6%	51	15.0%	9	50	122	278	929	194.9	197.8
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	78	9.6%	140	17.2%	9	58	133	285	999	203.5	198.3

¹Represents episodes censored due to occurrence of request-defined event.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 5. Summary of Time to End of At-Risk Period due to Occurrence of User-Defined Censoring Criteria for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to Occurrence of User-Defined Censoring Criteria by Episode Length									
	Total Number of Episodes	Total Number of Episodes Censored due to Occurrence of User-Defined	0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	2,675	1,320	49.30%	280	10.5%	270	10.1%	205	7.7%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	6,753	1,636	24.2%	1,274	18.9%	1,001	14.8%	757	11.2%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	2,751	1,328	48.3%	289	10.5%	278	10.1%	212	7.7%
<i>Comparator Users and Acute Meningitis</i>	52,645	7,056	1,655	23.5%	1,323	18.8%	1,041	14.8%	791	11.2%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	2,721	1,326	48.7%	284	10.4%	275	10.1%	211	7.8%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	6,949	1,647	23.7%	1,304	18.8%	1,025	14.8%	782	11.3%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	2,751	1,328	48.3%	289	10.5%	278	10.1%	212	7.7%
<i>Comparator Users and Pyelonephritis</i>	52,645	7,051	1,654	23.5%	1,323	18.8%	1,041	14.8%	789	11.2%
<i>Ustekinumab Users and Pneumonia</i>	20,589	2,736	1,327	48.5%	286	10.5%	275	10.1%	208	7.6%
<i>Comparator Users and Pneumonia</i>	52,645	6,981	1,650	23.6%	1,314	18.8%	1,033	14.8%	783	11.2%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	2,748	1,328	48.3%	289	10.5%	277	10.1%	210	7.6%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	7,056	1,655	23.5%	1,323	18.8%	1,042	14.8%	791	11.2%
<i>Ustekinumab Users and Bacteremia</i>	20,589	2,721	1,326	48.7%	287	10.5%	274	10.1%	208	7.6%
<i>Comparator Users and Bacteremia</i>	52,645	6,948	1,649	23.7%	1,308	18.8%	1,027	14.8%	775	11.2%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	2,721	1,324	48.7%	284	10.4%	277	10.2%	211	7.8%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	6,952	1,648	23.7%	1,300	18.7%	1,030	14.8%	777	11.2%
<i>Ustekinumab Users and COVID-19</i>	20,589	2,746	1,328	48.4%	289	10.5%	277	10.1%	212	7.7%
<i>Comparator Users and COVID-19</i>	52,645	7,050	1,654	23.5%	1,323	18.8%	1,042	14.8%	791	11.2%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	2,677	1,320	49.3%	280	10.5%	270	10.1%	205	7.7%
<i>Comparator Users and Serious Infection Composite</i>	52,645	6,758	1,636	24.2%	1,274	18.9%	1,001	14.8%	757	11.2%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	1,232	767	62.3%	130	10.6%	115	9.3%	84	6.8%

Table 5. Summary of Time to End of At-Risk Period due to Occurrence of User-Defined Censoring Criteria for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to Occurrence of User-Defined Censoring Criteria by Episode Length									
	Total Number of Episodes	Total Number of Episodes Censored due to Occurrence of User-Defined	0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	3,687	1,098	29.8%	760	20.6%	546	14.8%	424	11.5%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	1,043	545	52.3%	126	12.1%	115	11.0%	76	7.3%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	2,052	611	29.8%	481	23.4%	356	17.3%	238	11.6%

Table 5. Summary of Time to End of At-Risk Period due to Occurrence of User-Defined Censoring Criteria for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
		Episodes							
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	600	22.4%	2	16	97	330	2,266	233.4	324.2
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	2,085	30.9%	2	93	219	431	2,403	326.0	338.7
<i>Ustekinumab Users and Acute Meningitis</i>	644	23.4%	2	16	106	344	2,266	242.5	333.6
<i>Comparator Users and Acute Meningitis</i>	2,246	31.8%	2	98	225	445	2,403	336.3	349.6
<i>Ustekinumab Users and Gastrointestinal Infection</i>	625	23.0%	2	16	100	339	2,266	239.4	331.8
<i>Comparator Users and Gastrointestinal Infection</i>	2,191	31.5%	2	96	223	442	2,403	333.6	347.2
<i>Ustekinumab Users and Pyelonephritis</i>	644	23.4%	2	16	106	344	2,266	242.5	333.6
<i>Comparator Users and Pyelonephritis</i>	2,244	31.8%	2	97	224	444	2,403	336.1	349.2
<i>Ustekinumab Users and Pneumonia</i>	640	23.4%	2	16	102	344	2,266	241.7	333.2
<i>Comparator Users and Pneumonia</i>	2,201	31.5%	2	96	223	442	2,403	332.7	345.4
<i>Ustekinumab Users and Acute Osteomyelitis</i>	644	23.4%	2	16	105	344	2,266	242.5	333.8
<i>Comparator Users and Acute Osteomyelitis</i>	2,245	31.8%	2	98	224	445	2,403	336.1	349.1
<i>Ustekinumab Users and Bacteremia</i>	626	23.0%	2	16	100	338	2,266	238.6	329.6
<i>Comparator Users and Bacteremia</i>	2,189	31.5%	2	96	222	442	2,403	332.8	346.0
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	625	23.0%	2	16	100	339	2,266	238.7	329.0
<i>Comparator Users and Skin or soft Tissue Infection</i>	2,197	31.6%	2	96	223	442	2,403	333.1	345.5
<i>Ustekinumab Users and COVID-19</i>	640	23.3%	2	16	105	344	2,266	242.1	333.7
<i>Comparator Users and COVID-19</i>	2,240	31.8%	2	97	224	444	2,403	335.7	348.8
<i>Ustekinumab Users and Serious Infection Composite</i>	602	22.5%	2	16	98	331	2,266	233.7	324.3
<i>Comparator Users and Serious Infection Composite</i>	2,090	30.9%	2	93	219	433	2,403	326.5	339.3

Table 5. Summary of Time to End of At-Risk Period due to Occurrence of User-Defined Censoring Criteria for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	136	11.0%	2	12	27	198	1,026	130.4	181.2
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	859	23.3%	2	72	177	352	1,238	244.3	224.3
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	181	17.4%	2	15	76	267	979	169.5	203.1
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	366	17.8%	2	71	168	302	1,062	213.9	185.9

¹Represents episodes censored due to occurrence of additional user-defined criteria using drug, procedure, diagnosis, and/or laboratory codes.

Table 6. Summary of Time to End of At-Risk Period due to Evidence of Death for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Total Number of Episodes	Total Number of Episodes Censored due to Evidence of Death ¹	Number of Episodes Censored due to Evidence of Death by Episode Length							
			0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	115	34	29.6%	14	12.2%	11	9.6%	11	9.6%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	416	112	26.9%	74	17.8%	33	7.9%	41	9.9%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	178	45	25.3%	21	11.8%	17	9.6%	16	9.0%
<i>Comparator Users and Acute Meningitis</i>	52,645	656	142	21.6%	102	15.5%	55	8.4%	64	9.8%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	163	42	25.8%	19	11.7%	16	9.8%	16	9.8%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	608	139	22.9%	94	15.5%	47	7.7%	62	10.2%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	178	45	25.3%	21	11.8%	17	9.6%	16	9.0%
<i>Comparator Users and Pyelonephritis</i>	52,645	647	142	21.9%	101	15.6%	54	8.3%	63	9.7%
<i>Ustekinumab Users and Pneumonia</i>	20,589	145	38	26.2%	17	11.7%	14	9.7%	15	10.3%
<i>Comparator Users and Pneumonia</i>	52,645	521	124	23.8%	88	16.9%	42	8.1%	49	9.4%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	175	45	25.7%	21	12.0%	16	9.1%	16	9.1%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	652	141	21.6%	102	15.6%	54	8.3%	64	9.8%
<i>Ustekinumab Users and Bacteremia</i>	20,589	133	38	28.6%	15	11.3%	12	9.0%	12	9.0%
<i>Comparator Users and Bacteremia</i>	52,645	495	118	23.8%	81	16.4%	40	8.1%	45	9.1%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	164	44	26.8%	20	12.2%	16	9.8%	14	8.5%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	612	138	22.5%	95	15.5%	50	8.2%	58	9.5%
<i>Ustekinumab Users and COVID-19</i>	20,589	171	44	25.7%	20	11.7%	17	9.9%	15	8.8%
<i>Comparator Users and COVID-19</i>	52,645	629	141	22.4%	101	16.1%	53	8.4%	63	10.0%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	116	34	29.3%	14	12.1%	11	9.5%	11	9.5%

Table 6. Summary of Time to End of At-Risk Period due to Evidence of Death for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Total Number of Episodes	Total Number of Episodes Censored due to Evidence of Death ¹	Number of Episodes Censored due to Evidence of Death by Episode Length							
			0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Comparator Users and Serious Infection Composite</i>	52,645	426	113	26.5%	75	17.6%	34	8.0%	42	9.9%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	39	16	41.0%	*****	*****	*****	*****	*****	*****
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	162	55	34.0%	40	24.7%	16	9.9%	19	11.7%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	47	18	38.3%	*****	*****	*****	*****	*****	*****
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	164	60	36.6%	36	22.0%	17	10.4%	15	9.1%

Table 6. Summary of Time to End of At-Risk Period due to Evidence of Death for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	45	39.1%	3	79	257	555	1,818	389.8	407.9
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	156	37.5%	2	88	244	594	2,311	420.9	475.5
<i>Ustekinumab Users and Acute Meningitis</i>	79	44.4%	3	90	321	630	1,946	455.9	469.9
<i>Comparator Users and Acute Meningitis</i>	293	44.7%	2	104	317	710	2,311	472.9	474.9
<i>Ustekinumab Users and Gastrointestinal Infection</i>	70	42.9%	3	90	314	628	1,946	435.6	444.0
<i>Comparator Users and Gastrointestinal Infection</i>	266	43.8%	2	97	310	705	2,311	465.4	472.1
<i>Ustekinumab Users and Pyelonephritis</i>	79	44.4%	3	90	321	630	1,946	455.9	469.9
<i>Comparator Users and Pyelonephritis</i>	287	44.4%	2	103	314	707	2,311	471.2	476.9
<i>Ustekinumab Users and Pneumonia</i>	61	42.1%	3	90	314	604	1,893	436.8	456.6
<i>Comparator Users and Pneumonia</i>	218	41.8%	2	93	279	634	2,311	456.3	486.9
<i>Ustekinumab Users and Acute Osteomyelitis</i>	77	44.0%	3	90	318	630	1,946	449.8	463.6
<i>Comparator Users and Acute Osteomyelitis</i>	291	44.6%	2	104	317	710	2,311	473.3	476.2
<i>Ustekinumab Users and Bacteremia</i>	56	42.1%	3	84	279	628	1,893	421.8	438.3
<i>Comparator Users and Bacteremia</i>	211	42.6%	2	93	286	659	2,311	454.0	478.8
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	70	42.7%	3	86	295	599	1,842	417.5	425.9
<i>Comparator Users and Skin or soft Tissue Infection</i>	271	44.3%	2	102	308	705	2,311	467.5	475.0
<i>Ustekinumab Users and COVID-19</i>	75	43.9%	3	90	314	630	1,893	438.4	444.3
<i>Comparator Users and COVID-19</i>	271	43.1%	2	101	304	682	2,311	459.5	468.4
<i>Ustekinumab Users and Serious Infection Composite</i>	46	39.7%	3	82	264	555	1,818	389.9	406.1
<i>Comparator Users and Serious Infection Composite</i>	162	38.0%	2	88	247	595	2,311	427.9	484.2
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	11	28.2%	22	58	132	379	930	238.5	231.3

Table 6. Summary of Time to End of At-Risk Period due to Evidence of Death for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	32	19.8%	2	61	134	308	1,227	220.1	222.9
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	13	27.7%	3	64	129	386	1,052	244.5	249.6
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	36	22.0%	4	67	141	335	869	219.5	203.0

¹Represents episodes censored due to evidence of death. Death data source and completeness varies by Data Partner.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 7. Summary of Time to End of At-Risk Period due to Disenrollment for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Total Number of Episodes Censored due to Disenrollm ent ¹		Number of Episodes Censored due to Disenrollment by Episode Length				Number of Episodes Censored due to Disenrollment by Episode Length			
			0-90 days		91-180 days		181-270 days		271-365 days	
			Total Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	9,656	1,877	19.4%	1,398	14.5%	1,061	11.0%	911	9.4%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	22,896	4,551	19.9%	3,525	15.4%	2,336	10.2%	2,230	9.7%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	10,067	1,894	18.8%	1,425	14.2%	1,095	10.9%	941	9.3%
<i>Comparator Users and Acute Meningitis</i>	52,645	23,758	4,588	19.3%	3,584	15.1%	2,382	10.0%	2,302	9.7%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	9,927	1,889	19.0%	1,410	14.2%	1,081	10.9%	933	9.4%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	23,553	4,577	19.4%	3,569	15.2%	2,373	10.1%	2,272	9.6%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	10,053	1,893	18.8%	1,425	14.2%	1,094	10.9%	940	9.4%
<i>Comparator Users and Pyelonephritis</i>	52,645	23,736	4,589	19.3%	3,584	15.1%	2,382	10.0%	2,301	9.7%
<i>Ustekinumab Users and Pneumonia</i>	20,589	9,974	1,891	19.0%	1,420	14.2%	1,089	10.9%	933	9.4%
<i>Comparator Users and Pneumonia</i>	52,645	23,482	4,576	19.5%	3,568	15.2%	2,363	10.1%	2,282	9.7%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	10,059	1,892	18.8%	1,424	14.2%	1,095	10.9%	940	9.3%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	23,753	4,589	19.3%	3,585	15.1%	2,382	10.0%	2,302	9.7%
<i>Ustekinumab Users and Bacteremia</i>	20,589	9,896	1,887	19.1%	1,413	14.3%	1,083	10.9%	925	9.3%
<i>Comparator Users and Bacteremia</i>	52,645	23,417	4,569	19.5%	3,566	15.2%	2,364	10.1%	2,282	9.7%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	9,929	1,885	19.0%	1,414	14.2%	1,084	10.9%	932	9.4%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	23,497	4,582	19.5%	3,564	15.2%	2,366	10.1%	2,281	9.7%
<i>Ustekinumab Users and COVID-19</i>	20,589	10,036	1,894	18.9%	1,424	14.2%	1,093	10.9%	939	9.4%
<i>Comparator Users and COVID-19</i>	52,645	23,674	4,587	19.4%	3,581	15.1%	2,380	10.1%	2,299	9.7%

Table 7. Summary of Time to End of At-Risk Period due to Disenrollment for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to Disenrollment by Episode Length				Number of Episodes Censored due to Disenrollment by Episode Length					
	Total		0-90 days		91-180 days		181-270 days		271-365 days	
	Total Number of Episodes	Number of Episodes Censored due to Disenrollment ¹	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	9,673	1,877	19.4%	1,399	14.5%	1,062	11.0%	913	9.4%
<i>Comparator Users and Serious Infection Composite</i>	52,645	22,943	4,552	19.8%	3,528	15.4%	2,338	10.2%	2,231	9.7%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	1,821	537	29.5%	377	20.7%	251	13.8%	199	10.9%
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	6,260	1,888	30.2%	1,313	21.0%	826	13.2%	677	10.8%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	5,678	1,439	25.3%	1,041	18.3%	820	14.4%	511	9.0%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	11,921	2,995	25.1%	2,464	20.7%	1,641	13.8%	967	8.1%

Table 7. Summary of Time to End of At-Risk Period due to Disenrollment for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	4,409	45.7%	1	122	319	698	2,347	487.0	482.5
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	10,254	44.8%	1	117	316	697	2,371	492.7	505.4
<i>Ustekinumab Users and Acute Meningitis</i>	4,712	46.8%	1	128	330	724	2,347	501.8	492.2
<i>Comparator Users and Acute Meningitis</i>	10,902	45.9%	1	121	327	723	2,371	507.0	514.8
<i>Ustekinumab Users and Gastrointestinal Infection</i>	4,614	46.5%	1	127	328	715	2,347	497.3	489.2
<i>Comparator Users and Gastrointestinal Infection</i>	10,762	45.7%	1	121	325	717	2,371	503.8	512.5
<i>Ustekinumab Users and Pyelonephritis</i>	4,701	46.8%	1	128	330	722	2,347	501.0	491.5
<i>Comparator Users and Pyelonephritis</i>	10,880	45.8%	1	121	326	722	2,371	506.3	514.3
<i>Ustekinumab Users and Pneumonia</i>	4,641	46.5%	1	127	328	717	2,347	498.3	490.0
<i>Comparator Users and Pneumonia</i>	10,693	45.5%	1	120	324	713	2,371	501.8	510.9
<i>Ustekinumab Users and Acute Osteomyelitis</i>	4,708	46.8%	1	128	330	723	2,347	501.6	492.0
<i>Comparator Users and Acute Osteomyelitis</i>	10,895	45.9%	1	121	327	722	2,371	506.7	514.7
<i>Ustekinumab Users and Bacteremia</i>	4,588	46.4%	1	126	326	713	2,347	495.8	487.9
<i>Comparator Users and Bacteremia</i>	10,636	45.4%	1	120	323	712	2,371	501.3	511.2
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	4,614	46.5%	1	127	327	716	2,347	497.8	489.9
<i>Comparator Users and Skin or soft Tissue Infection</i>	10,704	45.6%	1	120	324	715	2,371	503.0	512.8
<i>Ustekinumab Users and COVID-19</i>	4,686	46.7%	1	128	329	719	2,347	500.1	491.1
<i>Comparator Users and COVID-19</i>	10,827	45.7%	1	121	326	718	2,371	504.6	513.0
<i>Ustekinumab Users and Serious Infection Composite</i>	4,422	45.7%	1	123	319	699	2,347	487.6	482.7
<i>Comparator Users and Serious Infection Composite</i>	10,294	44.9%	1	117	317	698	2,371	493.6	506.0

Table 7. Summary of Time to End of At-Risk Period due to Disenrollment for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	457	25.1%	1	74	180	366	1,146	255.8	237.0
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	1,556	24.9%	1	75	174	363	1,226	249.4	228.6
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	1,867	32.9%	1	88	219	460	1,178	304.9	267.1
<i>Comparator Users and Serious Infection Composite</i>	3,854	32.3%	1	90	206	466	1,095	305.7	274.9

¹Represents episodes censored due to disenrollment from health plan. Data Partners often artificially assign a "disenrollment" date equal to data end date for members still enrolled on that date. Therefore, a patient may have dual reasons for censoring as "disenrollment" and "end of data" on the same day - this can be interpreted as right-censoring in most cases.

Table 8. Summary of Time to End of At-Risk Period due to End of Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to End of Data by Episode Length									
			0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
Total Number of Episodes	Number of Episodes Censored due to End of Data ¹	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	6,133	1,011	16.5%	746	12.2%	607	9.9%	564	9.2%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	13,032	2,018	15.5%	1,641	12.6%	1,165	8.9%	1,235	9.5%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	6,415	1,018	15.9%	757	11.8%	625	9.7%	583	9.1%
<i>Comparator Users and Acute Meningitis</i>	52,645	13,616	2,036	15.0%	1,667	12.2%	1,187	8.7%	1,274	9.4%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	6,320	1,015	16.1%	752	11.9%	615	9.7%	577	9.1%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	13,470	2,031	15.1%	1,661	12.3%	1,184	8.8%	1,257	9.3%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	6,406	1,017	15.9%	757	11.8%	624	9.7%	583	9.1%
<i>Comparator Users and Pyelonephritis</i>	52,645	13,596	2,036	15.0%	1,667	12.3%	1,187	8.7%	1,274	9.4%
<i>Ustekinumab Users and Pneumonia</i>	20,589	6,347	1,016	16.0%	755	11.9%	623	9.8%	579	9.1%
<i>Comparator Users and Pneumonia</i>	52,645	13,433	2,029	15.1%	1,657	12.3%	1,177	8.8%	1,266	9.4%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	6,407	1,016	15.9%	756	11.8%	625	9.8%	582	9.1%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	13,608	2,036	15.0%	1,667	12.3%	1,187	8.7%	1,274	9.4%
<i>Ustekinumab Users and Bacteremia</i>	20,589	6,303	1,015	16.1%	751	11.9%	621	9.9%	573	9.1%
<i>Comparator Users and Bacteremia</i>	52,645	13,382	2,029	15.2%	1,659	12.4%	1,178	8.8%	1,262	9.4%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	6,325	1,015	16.0%	751	11.9%	621	9.8%	577	9.1%

Table 8. Summary of Time to End of At-Risk Period due to End of Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to End of Data by Episode Length									
	Total Number of Episodes	Number of Episodes Censored due to End of Data ¹	0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	13,447	2,033	15.1%	1,662	12.4%	1,180	8.8%	1,259	9.4%
<i>Ustekinumab Users and COVID-19</i>	20,589	6,391	1,018	15.9%	757	11.8%	623	9.7%	582	9.1%
<i>Comparator Users and COVID-19</i>	52,645	13,543	2,034	15.0%	1,663	12.3%	1,185	8.7%	1,273	9.4%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	6,144	1,011	16.5%	746	12.1%	608	9.9%	565	9.2%
<i>Comparator Users and Serious Infection Composite</i>	52,645	13,072	2,019	15.4%	1,644	12.6%	1,167	8.9%	1,236	9.5%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	4,651	1,090	23.4%	779	16.7%	643	13.8%	420	9.0%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	9,779	2,308	23.6%	1,889	19.3%	1,330	13.6%	770	7.9%

Table 8. Summary of Time to End of At-Risk Period due to End of Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of	Percent of Total	Minimum	Q1	Median	Q3	Maximum	Mean	Standard
	Episodes	Episodes							
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	3,205	52.3%	1	151	393	850	2,391	573.3	534.3
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	6,973	53.5%	1	156	407	922	2,453	612.6	571.7
<i>Ustekinumab Users and Acute Meningitis</i>	3,432	53.5%	1	158	408	882	2,391	590.3	542.6
<i>Comparator Users and Acute Meningitis</i>	7,452	54.7%	1	162	424	958	2,453	630.1	579.8
<i>Ustekinumab Users and Gastrointestinal Infection</i>	3,361	53.2%	1	156	406	876	2,391	585.7	540.3
<i>Comparator Users and Gastrointestinal Infection</i>	7,337	54.5%	1	161	421	948	2,453	625.7	577.6
<i>Ustekinumab Users and Pyelonephritis</i>	3,425	53.5%	1	158	408	880	2,391	589.8	542.4
<i>Comparator Users and Pyelonephritis</i>	7,432	54.7%	1	162	424	956	2,453	629.3	579.3
<i>Ustekinumab Users and Pneumonia</i>	3,374	53.2%	1	156	405	876	2,391	586.0	540.8
<i>Comparator Users and Pneumonia</i>	7,304	54.4%	1	160	418	944	2,453	623.8	575.9
<i>Ustekinumab Users and Acute Osteomyelitis</i>	3,428	53.5%	1	158	408	881	2,391	590.2	542.5
<i>Comparator Users and Acute Osteomyelitis</i>	7,444	54.7%	1	162	424	957	2,453	629.8	579.7
<i>Ustekinumab Users and Bacteremia</i>	3,343	53.0%	1	156	404	871	2,391	583.4	538.6
<i>Comparator Users and Bacteremia</i>	7,254	54.2%	1	159	416	944	2,453	623.1	576.7
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	3,361	53.1%	1	156	405	877	2,391	585.9	540.9
<i>Comparator Users and Skin or soft Tissue Infection</i>	7,313	54.4%	1	160	419	948	2,453	625.9	578.9
<i>Ustekinumab Users and COVID-19</i>	3,411	53.4%	1	157	407	878	2,391	588.4	541.9
<i>Comparator Users and COVID-19</i>	7,388	54.6%	1	161	422	952	2,453	627.4	578.4
<i>Ustekinumab Users and Serious Infection Composite</i>	3,214	52.3%	1	151	393	853	2,391	573.9	534.4
<i>Comparator Users and Serious Infection Composite</i>	7,006	53.6%	1	156	408	925	2,453	613.5	572.0
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

Table 8. Summary of Time to End of At-Risk Period due to End of Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	1,719	37.0%	1	99	246	521	1,178	335.0	285.0
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	3,482	35.6%	1	96	226	523	1,177	331.1	291.3

¹Represents episodes censored due to Data Partner data end date. This end date represents the last day of the most recent year-month in which all of a Data Partner's data tables in the Sentinel Data represented by NaN (Not a Number) is due to their inability to be calculated.

Table 9. Summary of Time to End of At-Risk Period due to End of Study Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to End of Study Period by Episode Length									
			0-90 days		91-180 days		181-270 days		271-365 days	
	Total Number of Episodes	Total Number of Episodes Censored due to End of Study Period ¹	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Acute Meningitis</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Pyelonephritis</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Pneumonia</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Pneumonia</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Bacteremia</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Bacteremia</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and COVID-19</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN

Table 9. Summary of Time to End of At-Risk Period due to End of Study Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Number of Episodes Censored due to End of Study Period by Episode Length									
			0-90 days		91-180 days		181-270 days		271-365 days	
	Total Number of Episodes	Total Number of Episodes Censored due to End of Study Period ¹	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Comparator Users and COVID-19</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Serious Infection Composite</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	4,618	928	20.1%	641	13.9%	614	13.3%	473	10.2%
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	11,486	2,500	21.8%	1,534	13.4%	1,285	11.2%	1,056	9.2%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	0	0	NaN	0	NaN	0	NaN	0	NaN

Table 9. Summary of Time to End of At-Risk Period due to End of Study Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of	Percent of Total	Minimum	Q1	Median	Q3	Maximum	Mean	Standard
	Episodes	Episodes							
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Acute Meningitis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Acute Meningitis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Gastrointestinal Infection</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Gastrointestinal Infection</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Pyelonephritis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Pyelonephritis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Pneumonia</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Pneumonia</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Acute Osteomyelitis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Acute Osteomyelitis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Bacteremia</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Bacteremia</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Skin or soft Tissue Infection</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and COVID-19</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and COVID-19</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Serious Infection Composite</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Serious Infection Composite</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	1,962	42.5%	1	118	294	587	1,252	384.0	317.4
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	5,111	44.5%	1	113	307	623	1,278	406.9	343.9

Table 9. Summary of Time to End of At-Risk Period due to End of Study Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023 (Continued)

	366+ days		Distribution of At-Risk Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

¹Represents episodes censored due to user-specified study end date.

Data represented by NaN (Not a Number) is due to their inability to be calculated.

Table 10. Summary of Time to End of Observable Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Number of Episodes by Observable Time								
	Total Number of Episodes	0-90 days		91-180 days		181-270 days		271-365 days	
		Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and Acute Meningitis</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and Pyelonephritis</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%
<i>Ustekinumab Users and Pneumonia</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and Pneumonia</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%
<i>Ustekinumab Users and Bacteremia</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and Bacteremia</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%
<i>Ustekinumab Users and COVID-19</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and COVID-19</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	2,103	10.2%	1,908	9.3%	1,769	8.6%	1,729	8.4%
<i>Comparator Users and Serious Infection Composite</i>	52,645	5,053	9.6%	4,681	8.9%	3,860	7.3%	4,368	8.3%

Table 10. Summary of Time to End of Observable Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Number of Episodes by Observable Time								
	Total Number of Episodes	0-90 days		91-180 days		181-270 days		271-365 days	
		Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	1,603	14.7%	1,318	12.1%	1,304	11.9%	1,143	10.5%
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	4,666	13.5%	3,780	10.9%	3,382	9.8%	3,278	9.5%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	1,596	15.6%	1,428	14.0%	1,368	13.4%	1,014	9.9%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	3,325	16.1%	3,207	15.5%	2,718	13.2%	1,781	8.6%

Table 10. Summary of Time to End of Observable Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹ (Continued)

	366+ days		Distribution of Observable Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and Acute Meningitis</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and Acute Meningitis</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and Gastrointestinal Infection</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and Gastrointestinal Infection</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and Pyelonephritis</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and Pyelonephritis</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and Pneumonia</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and Pneumonia</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and Acute Osteomyelitis</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and Acute Osteomyelitis</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and Bacteremia</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and Bacteremia</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and Skin or soft Tissue Infection</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and COVID-19</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and COVID-19</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and Serious Infection Composite</i>	13,080	63.5%	1	240	552	1,076	2,412	705.7	569.2
<i>Comparator Users and Serious Infection Composite</i>	34,683	65.9%	1	260	602	1,156	2,462	755.9	601.0
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	5,569	50.9%	1	167	376	684	1,276	445.2	329.0

Table 10. Summary of Time to End of Observable Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹ (Continued)

	366+ days		Distribution of Observable Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	19,519	56.4%	1	186	433	771	1,278	498.4	357.8
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	4,805	47.1%	1	151	334	626	1,179	402.5	295.7
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	9,593	46.5%	1	141	326	646	1,186	404.5	305.8

¹Time to end of observable data is for characterization purposes only. It does not necessarily represent at-risk time, and does not consider episode end, outcome occurrence, blackout period, or delay risk period start.

Table 11. Summary of Reasons for End of Observable Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023^{1,2}

	Censoring Reason								
	Evidence of Death ³			Disenrollment ⁴		End of Data ⁵		End of Study Period ⁶	
	Total	Number	Percent of	Number	Percent of	Number of	Percent of	Number of	Percent of
	Number of	of	Total	of	Total	Number of	Total	Number of	Total
Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes	Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%
<i>Comparator Users and Acute Meningitis</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%
<i>Comparator Users and Pyelonephritis</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and Pneumonia</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%
<i>Comparator Users and Pneumonia</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and Bacteremia</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%
<i>Comparator Users and Bacteremia</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and COVID-19</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%
<i>Comparator Users and COVID-19</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	471	2.3%	19,222	93.4%	13,178	64.0%	0	0.0%

Table 11. Summary of Reasons for End of Observable Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023^{1,2}

	Censoring Reason								
	Evidence of Death ³			Disenrollment ⁴		End of Data ⁵		End of Study Period ⁶	
	Total Number of Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Comparator Users and Serious Infection Composite</i>	52,645	1,672	3.2%	49,362	93.8%	31,013	58.9%	0	0.0%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	109	1.0%	2,873	26.3%	0	0.0%	8,015	73.3%
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	534	1.5%	10,843	31.3%	0	0.0%	23,473	67.8%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	146	1.4%	9,357	91.6%	7,932	77.7%	0	0.0%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	401	1.9%	18,980	92.0%	15,959	77.4%	0	0.0%

¹An episode may be censored due to more than one reason if they occur on the same date. Therefore, the sum of the reasons for censoring may be greater than the total number of episodes.

²Time to end of observable data is for characterization purposes only. It does not necessarily represent at-risk time, and does not consider episode end, outcome occurrence, blackout period, or delay risk period start.

³Represents episodes censored due to evidence of death. Death data source and completeness varies by Data Partner.

⁴Represents episodes censored due to disenrollment from health plan. Data Partners often artificially assign a "disenrollment" date equal to data end date for members still enrolled on that date. Therefore, a patient may have dual reasons for censoring as "disenrollment" and "end of data" on the same day - this can be interpreted as right-censoring in most cases.

⁵Represents episodes censored due to Data Partner data end date. This end date represents the last day of the most recent year-month in which all of a Data Partner's data tables in the Sentinel Common Data Model have at least 80% of the record count relative to the prior month.

⁶Represents episodes censored due to user-specified study end date.

Table 12. Summary of Time to End of Observable Data due to Evidence of Death for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Total Number of Episodes Censored	Number of Episodes Censored due to Evidence of Death by Observable Time								
		0-90 days		91-180 days		181-270 days		271-365 days		
		Total Number of Episodes	Percent of Total Episodes	Total Number of Episodes	Percent of Total Episodes	Total Number of Episodes	Percent of Total Episodes	Total Number of Episodes	Percent of Total Episodes	
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and Acute Meningitis</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and Pyelonephritis</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%
<i>Ustekinumab Users and Pneumonia</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and Pneumonia</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%
<i>Ustekinumab Users and Bacteremia</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and Bacteremia</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%
<i>Ustekinumab Users and COVID-19</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and COVID-19</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%

Table 12. Summary of Time to End of Observable Data due to Evidence of Death for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Total Number of Episodes Censored due to Evidence of Death ²	Number of Episodes Censored due to Evidence of Death by Observable Time								
		0-90 days		91-180 days		181-270 days		271-365 days		
		Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	471	46	9.8%	38	8.1%	37	7.9%	39	8.3%
<i>Comparator Users and Serious Infection Composite</i>	52,645	1,672	149	8.9%	136	8.1%	123	7.4%	136	8.1%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	109	23	21.1%	15	13.8%	****	****	****	****
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	534	76	14.2%	73	13.7%	58	10.9%	66	12.4%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	146	23	15.8%	22	15.1%	19	13.0%	20	13.7%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	401	75	18.7%	65	16.2%	57	14.2%	47	11.7%

Table 12. Summary of Time to End of Observable Data due to Evidence of Death for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹ (Continued)

	366+ days		Distribution of Observable Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and Acute Meningitis</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and Acute Meningitis</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and Gastrointestinal Infection</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and Gastrointestinal Infection</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and Pyelonephritis</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and Pyelonephritis</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and Pneumonia</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and Pneumonia</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and Acute Osteomyelitis</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and Acute Osteomyelitis</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and Bacteremia</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and Bacteremia</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and Skin or soft Tissue Infection</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and COVID-19</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and COVID-19</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and Serious Infection Composite</i>	311	66.0%	3	264	554	1,051	2,301	692.2	526.3
<i>Comparator Users and Serious Infection Composite</i>	1,128	67.5%	2	279	602	1,056	2,311	711.0	530.3
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	49	45.0%	22	117	326	512	1,049	354.2	264.1
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	261	48.9%	2	155	354	628	1,227	410.2	292.7
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	62	42.5%	3	147	318	504	1,052	357.5	257.3
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	157	39.2%	4	126	276	497	1,056	330.8	243.8

¹Time to end of observable data is for characterization purposes only. It does not necessarily represent at-risk time, and does not consider episode end, outcome occurrence, blackout period, or delay risk period start.

²Represents episodes censored due to evidence of death. Death data source and completeness varies by Data Partner.

****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 13. Summary of Time to End of Observable Data due to Disenrollment for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Total Number of Episodes	Total Number of Episodes Censored due to Disenrollment ²	Number of Episodes Censored due to				Number of Episodes Censored due to			
			0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and Acute Meningitis</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and Pyelonephritis</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%
<i>Ustekinumab Users and Pneumonia</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and Pneumonia</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%
<i>Ustekinumab Users and Bacteremia</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and Bacteremia</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%

Table 13. Summary of Time to End of Observable Data due to Disenrollment for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Total Number of Episodes	Total Number of Episodes Censored due to Disenrollment ²	Number of Episodes Censored due to				Number of Episodes Censored due to			
			0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and COVID-19</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and COVID-19</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	19,222	1,992	10.4%	1,798	9.4%	1,646	8.6%	1,616	8.4%
<i>Comparator Users and Serious Infection Composite</i>	52,645	49,362	4,788	9.7%	4,424	9.0%	3,631	7.4%	4,119	8.3%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	2,873	585	20.4%	492	17.1%	393	13.7%	346	12.0%
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	10,843	2,007	18.5%	1,749	16.1%	1,348	12.4%	1,339	12.3%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	9,357	1,506	16.1%	1,332	14.2%	1,262	13.5%	918	9.8%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	18,980	3,121	16.4%	3,012	15.9%	2,549	13.4%	1,614	8.5%

Table 13. Summary of Time to End of Observable Data due to Disenrollment for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹ (Continued)

	366+ days		Distribution of Observable Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5
<i>Ustekinumab Users and Acute Meningitis</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and Acute Meningitis</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5
<i>Ustekinumab Users and Gastrointestinal Infection</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and Gastrointestinal Infection</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5
<i>Ustekinumab Users and Pyelonephritis</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and Pyelonephritis</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5
<i>Ustekinumab Users and Pneumonia</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and Pneumonia</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5
<i>Ustekinumab Users and Acute Osteomyelitis</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and Acute Osteomyelitis</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5
<i>Ustekinumab Users and Bacteremia</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and Bacteremia</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and Skin or soft Tissue Infection</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5
<i>Ustekinumab Users and COVID-19</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and COVID-19</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5

Table 13. Summary of Time to End of Observable Data due to Disenrollment for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹ (Continued)

	366+ days		Distribution of Observable Time in Days, by Episode						
	Number of Episodes	Percent of Total	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
		Episodes							
<i>Ustekinumab Users and Serious Infection Composite</i>	12,170	63.3%	1	238	548	1,074	2,371	702.9	568.4
<i>Comparator Users and Serious Infection Composite</i>	32,400	65.6%	1	258	597	1,152	2,371	753.0	600.5
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	1,057	36.8%	1	112	261	494	1,244	330.9	268.6
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	4,400	40.6%	1	124	291	515	1,253	353.8	277.7
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	4,339	46.4%	1	147	328	617	1,178	396.6	293.0
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	8,684	45.8%	1	138	317	636	1,142	398.1	302.8

¹Time to end of observable data is for characterization purposes only. It does not necessarily represent at-risk time, and does not consider episode end, outcome occurrence, blackout period, or delay risk period start.

²Represents episodes censored due to disenrollment from health plan. Data Partners often artificially assign a "disenrollment" date equal to data end date for members still enrolled on that date. Therefore, a patient may have dual reasons for censoring as "disenrollment" and "end of data" on the same day - this can be interpreted as right-censoring in most cases.

Table 14. Summary of Time to End of Observable Data due to End of Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Total Number of Episodes	Number of Episodes Censored due to End of Data ²	Number of Episodes Censored due to End of		Number of Episodes Censored due to End of		Number of Episodes Censored due to End of		Number of Episodes Censored due to End of	
			0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and Acute Meningitis</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and Pyelonephritis</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%
<i>Ustekinumab Users and Pneumonia</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and Pneumonia</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%
<i>Ustekinumab Users and Bacteremia</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and Bacteremia</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%
<i>Ustekinumab Users and COVID-19</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and COVID-19</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%

Table 14. Summary of Time to End of Observable Data due to End of Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹

	Total Number of Episodes	Number of Episodes Censored due to End of Data ²	Number of Episodes Censored due to End of		Number of Episodes Censored due to End of		Number of Episodes Censored due to End of		Number of Episodes Censored due to End of	
			0-90 days		91-180 days		181-270 days		271-365 days	
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	13,178	1,045	7.9%	947	7.2%	958	7.3%	1,002	7.6%
<i>Comparator Users and Serious Infection Composite</i>	52,645	31,013	2,103	6.8%	1,994	6.4%	1,740	5.6%	2,195	7.1%
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	7,932	1,125	14.2%	991	12.5%	1,004	12.7%	767	9.7%
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	15,959	2,401	15.0%	2,326	14.6%	2,054	12.9%	1,217	7.6%

Table 14. Summary of Time to End of Observable Data due to End of Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹ (Continued)

	366+ days									
	Percent of		Distribution of Observable Time in Days, by Episode							Standard Deviation
	Number of Episodes	Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean		
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and Acute Meningitis</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and Acute Meningitis</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and Gastrointestinal Infection</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and Gastrointestinal Infection</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and Pyelonephritis</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and Pyelonephritis</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and Pneumonia</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and Pneumonia</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and Acute Osteomyelitis</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and Acute Osteomyelitis</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and Bacteremia</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and Bacteremia</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and Skin or soft Tissue Infection</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and COVID-19</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and COVID-19</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and Serious Infection Composite</i>	9,226	70.0%	1	301	683	1,240	2,412	812.0	600.6	
<i>Comparator Users and Serious Infection Composite</i>	22,981	74.1%	1	354	799	1,370	2,462	904.0	636.1	
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	

Table 14. Summary of Time to End of Observable Data due to End of Data for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹ (Continued)

	366+ days		Distribution of Observable Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	4,045	51.0%	1	167	376	681	1,179	433.0	305.0
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	7,961	49.9%	1	151	363	705	1,186	432.7	317.8

¹Time to end of observable data is for characterization purposes only. It does not necessarily represent at-risk time, and does not consider episode end, outcome occurrence, blackout period, or delay risk period start.

²Represents episodes censored due to Data Partner data end date. This end date represents the last day of the most recent year-month in which all of a Data Partner's data tables in the Sentinel Common Data Model have at least 80% of the record count relative to the prior month.

Data represented by NaN (Not a Number) is due to their inability to be calculated.

Table 15. Summary of Time to End of Observable Data due to End of Study Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to

	Total Number of Episodes	Number of Episodes Censored due to End of Study Period ²	Number of Episodes Censored due to End of		Number of Episodes Censored due to End of		Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
			0-90 days	91-180 days	181-270 days	271-365 days				
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Acute Meningitis</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Acute Meningitis</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Gastrointestinal Infection</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Gastrointestinal Infection</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Pyelonephritis</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Pyelonephritis</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Pneumonia</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Pneumonia</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Acute Osteomyelitis</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Acute Osteomyelitis</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Bacteremia</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Bacteremia</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Skin or soft Tissue Infection</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and COVID-19</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and COVID-19</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN

Table 15. Summary of Time to End of Observable Data due to End of Study Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to

	Total Number of Episodes	Number of Episodes Censored due to End of Study Period ²	Number of Episodes Censored due to End of		Number of Episodes Censored due to End of					
			0-90 days	91-180 days	181-270 days	271-365 days				
			Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes	Number of Episodes	Percent of Total Episodes
<i>Ustekinumab Users and Serious Infection Composite</i>	20,589	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Serious Infection Composite</i>	52,645	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	10,937	8,015	1,000	12.5%	822	10.3%	900	11.2%	795	9.9%
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	34,625	23,473	2,609	11.1%	1,976	8.4%	2,003	8.5%	1,894	8.1%
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	10,211	0	0	NaN	0	NaN	0	NaN	0	NaN
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	20,624	0	0	NaN	0	NaN	0	NaN	0	NaN

Table 15. Summary of Time to End of Observable Data due to End of Study Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹ (Continued)

	366+ days		Distribution of Observable Time in Days, by Episode						
	Number of Episodes	Percent of Total	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
		Episodes							
<i>Ustekinumab Users and Serious Infection Composite or COVID-19</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Serious Infection Composite or COVID-19</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Acute Meningitis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Acute Meningitis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Gastrointestinal Infection</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Gastrointestinal Infection</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Pyelonephritis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Pyelonephritis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Pneumonia</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Pneumonia</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Acute Osteomyelitis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Acute Osteomyelitis</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Bacteremia</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Bacteremia</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Skin or soft Tissue Infection</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Skin or soft Tissue Infection</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and COVID-19</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and COVID-19</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Serious Infection Composite</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Serious Infection Composite</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)</i>	4,498	56.1%	1	197	427	751	1,276	487.7	339.5
<i>Comparator Users and Serious Infection Composite (pre-April 1, 2020)</i>	14,991	63.9%	1	238	533	876	1,278	567.1	371.1

Table 15. Summary of Time to End of Observable Data due to End of Study Period for Exposures of Interest in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023¹ (Continued)

	366+ days		Distribution of Observable Time in Days, by Episode						
	Number of Episodes	Percent of Total Episodes	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
<i>Comparator Users and Serious Infection Composite (post-April 1, 2020)</i>	0	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

¹Time to end of observable data is for characterization purposes only. It does not necessarily represent at-risk time, and does not consider episode end, outcome occurrence, blackout period, or delay risk period start.

²Represents episodes censored due to user-specified study end date.

Data represented by NaN (Not a Number) is due to their inability to be calculated.

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	48	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	29	IPX
U07.1	COVID-19	DX	10	24	IPP
K65.1	Peritoneal Abscess	DX	10	21	IPX
K65.1	Peritoneal Abscess	DX	10	19	IPS
K61.1	Rectal Abscess	DX	10	16	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	15	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	13	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10	*****	IPX
U07.1	COVID-19	DX	10	*****	IPP
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J12.89	Other Viral Pneumonia	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPP
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****	IPS
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.40	Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Both Small And Large Intestine With Perforation And	DX	10		IPS
K57.20	Abscess Without Bleeding	DX	10		IPX
K57.00	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10		IPX
A41.9	Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess				
	Without Bleeding				
	Diverticulitis Of Small Intestine With Perforation And Abscess				
	Without Bleeding				
	Sepsis, Unspecified Organism				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.80	Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And	DX	10		IPX
K57.20	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess				
	Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess				
	Without Bleeding				

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess	DX	10		IPX
K57.12	Without Bleeding	DX	10		IPX
	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding				
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess	DX	10	*****	IPX
K57.20	Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.92	Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.32	Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.32	Abscess Without Bleeding	DX	10		IPS
J18.9	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10		IPS
A41.9	Without Bleeding	DX	10		IPP
	Pneumonia, Unspecified Organism				
	Sepsis, Unspecified Organism				
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With	DX	10	*****	IPS
K57.33	Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess With	DX	10		IPX
J18.9	Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Pneumonia, Unspecified Organism				

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
L03.319	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPS
K57.32	Abscess Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10		IPX
A41.89	Without Bleeding	DX	10		IPX
A41.81	Sepsis, Unspecified Organism	DX	10		IPP
A41.50	Other Specified Sepsis	DX	10		IPS
	Sepsis Due To Enterococcus				
	Gram-Negative Sepsis, Unspecified				
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10		IPX
	Without Bleeding				
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With	DX	10	*****	IPP
	Bleeding				
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPS
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And	DX	10		IPX
A41.9	Abscess Without Bleeding	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPS
	Abscess Without Bleeding				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPS
A41.9	Abscess Without Bleeding	DX	10		IPP
	Sepsis, Unspecified Organism				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPS
J18.9	Abscess Without Bleeding	DX	10		IPX
	Pneumonia, Unspecified Organism				
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
	Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.20	Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine With Perforation And Abscess				
	Without Bleeding				

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.93	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.93	Abscess With Bleeding	DX	10		IPP
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or				
	Abscess With Bleeding				
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
D73.3	Abscess Of Spleen	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K37	Unspecified Appendicitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
L02.229	Furuncle Of Trunk, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPS
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
K81.0	Acute Cholecystitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPP
A41.53	Sepsis Due To Serratia	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
K81.9	Cholecystitis, Unspecified	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.01	Idiopathic Acute Pancreatitis With Uninfected Necrosis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.32	Drug Induced Acute Pancreatitis With Infected Necrosis	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
A31.1	Cutaneous Mycobacterial Infection	DX	10		IPS
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L02.02	Furuncle Of Face	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene,	DX	10		IPX
A48.0	Left Leg	DX	10		IPS
A41.9	Gas Gangrene	DX	10		IPP
	Sepsis, Unspecified Organism				
H60.12	Cellulitis Of Left External Ear	DX	10	*****	IPX
H60.12	Cellulitis Of Left External Ear	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPX
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****	IPX
J85.0	Gangrene And Necrosis Of Lung	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J85.0	Gangrene And Necrosis Of Lung	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPX
K61.0	Tissue	DX	10		IPX
K61.0	Anal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L01.01	Non-Bullous Impetigo	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L01.03	Bullous Impetigo	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L02.01	Cutaneous Abscess Of Face	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.314	Cellulitis Of Groin	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPS
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPP
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.316	Cellulitis Of Umbilicus	DX	10		IPX
L03.316	Cellulitis Of Umbilicus	DX	10		IPP
L02.216	Cutaneous Abscess Of Umbilicus	DX	10		IPX
L02.222	Furuncle Of Back [any Part, Except Buttock]	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPP
L02.223	Furuncle Of Chest Wall	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPX
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
G03.9	Meningitis, Unspecified	DX	10		IPS
G03.9	Meningitis, Unspecified	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
G03.9	Meningitis, Unspecified	DX	10	*****	IPX
B00.3	Herpesviral Meningitis	DX	10		IPP
B00.3	Herpesviral Meningitis	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPS
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPX
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPP
N61.1	Abscess Of The Breast And Nipple	DX	10		IPX
N61.1	Abscess Of The Breast And Nipple	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPS
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
L03.031	Cellulitis Of Right Toe	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.039	Cellulitis Of Unspecified Toe	DX	10		IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.112	Cellulitis Of Left Axilla	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
M86.161	Other Acute Osteomyelitis, Right Tibia And Fibula	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.213	Periorbital Cellulitis	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPX
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPP
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPP
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.8X8	Other Osteomyelitis, Other Site	DX	10		IPX
M86.8X1	Other Osteomyelitis, Shoulder	DX	10		IPS
M86.00	Acute Hematogenous Osteomyelitis,	DX	10		IPX
M46.26	Unspecified Site	DX	10		IPX
M46.22	Osteomyelitis Of Vertebra, Lumbar Region	DX	10		IPP
	Osteomyelitis Of Vertebra, Cervical Region				

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10		IPS
M46.24	Region	DX	10		IPP
M46.22	Osteomyelitis Of Vertebra, Thoracic Region	DX	10		IPS
A41.9	Region	DX	10		IPX
	Osteomyelitis Of Vertebra, Cervical Region				
	Sepsis, Unspecified Organism				
U07.1	COVID-19	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
R78.81	Bacteremia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
U07.1	COVID-19	DX	10	*****	IPP
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.0	Bronchopneumonia, Unspecified	DX	10		IPX
J18.0	Organism Bronchopneumonia, Unspecified Organism	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****	IPP
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A02.1	Salmonella Sepsis	DX	10		IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****	IPX
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPP
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPS
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****	IPX
B00.3	Herpesviral Meningitis	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified	DX	10		IPX
A41.01	Staphylococcus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus				
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J85.1	Abscess Of Lung With Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified	DX	10		IPP
A41.1	Staphylococcus Sepsis Due To Other Specified Staphylococcus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
B00.3	Herpesviral Meningitis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.5	Pneumonia Due To Escherichia Coli	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10	*****	IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
A41.81	Sepsis Due To Enterococcus	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A48.1	Legionnaires' Disease	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J10.00	Influenza Due To Other Identified	DX	10		IPS
A41.9	Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K36	Other Appendicitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
J15.9	Infectious Organisms	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
B59	Unspecified Bacterial Pneumonia	DX	10		IPS
B59	Pneumocystosis	DX	10		IPX
A41.9	Pneumocystosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPS
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified	DX	10		IPS
A41.9	Organism	DX	10		IPS
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPX
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
B37.7	Candidal Sepsis	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPP
A43.0	Pulmonary Nocardiosis	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati,	DX	10	*****	IPX
B39.2	Unspecified Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
B59	Pneumocystosis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J11.08	Influenza Due To Unidentified Influenza	DX	10		IPX
J10.08	Virus With Specified Pneumonia Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPP
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX

Table 16a. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPP
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****	IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS
K36	Other Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPP
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16b. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A41.9	Sepsis, Unspecified Organism	DX	10	400
J18.9	Pneumonia, Unspecified Organism	DX	10	204
K65.1	Peritoneal Abscess	DX	10	165
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	91
R65.21	Severe Sepsis With Septic Shock	DX	10	81
R78.81	Bacteremia	DX	10	75
K61.1	Rectal Abscess	DX	10	75
R65.20	Severe Sepsis Without Septic Shock	DX	10	67
U07.1	COVID-19	DX	10	54
L03.115	Cellulitis Of Right Lower Limb	DX	10	51
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	47
K61.0	Anal Abscess	DX	10	47
L03.116	Cellulitis Of Left Lower Limb	DX	10	42
N10	Acute Pyelonephritis	DX	10	34
J12.89	Other Viral Pneumonia	DX	10	34
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	31
L03.311	Cellulitis Of Abdominal Wall	DX	10	30
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without			
K57.32	Bleeding	DX	10	28
K63.0	Abscess Of Intestine	DX	10	27
K81.0	Acute Cholecystitis	DX	10	24
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	24
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess			
K57.92	Without Bleeding	DX	10	22
L02.31	Cutaneous Abscess Of Buttock	DX	10	21
L03.90	Cellulitis, Unspecified	DX	10	19
L03.114	Cellulitis Of Left Upper Limb	DX	10	18
L02.91	Cutaneous Abscess, Unspecified	DX	10	17
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	17
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	17
M86.9	Osteomyelitis, Unspecified	DX	10	17
A41.89	Other Specified Sepsis	DX	10	17
L03.113	Cellulitis Of Right Upper Limb	DX	10	14
K65.8	Other Peritonitis	DX	10	14
L02.215	Cutaneous Abscess Of Perineum	DX	10	13
K65.9	Peritonitis, Unspecified	DX	10	13
K75.0	Abscess Of Liver	DX	10	11
I33.0	Acute And Subacute Infective Endocarditis	DX	10	11
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	11
L03.211	Cellulitis Of Face	DX	10	11
K81.9	Cholecystitis, Unspecified	DX	10	11
	Diverticulitis Of Large Intestine With Perforation And Abscess Without			
K57.20	Bleeding	DX	10	11
A41.59	Other Gram-Negative Sepsis	DX	10	11
K35.80	Unspecified Acute Appendicitis	DX	10	11
B37.7	Candidal Sepsis	DX	10	*****

Table 16b. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****
K61.2	Anorectal Abscess	DX	10	*****
I96	Gangrene, Not Elsewhere Classified	DX	10	*****
L03.317	Cellulitis Of Buttock	DX	10	*****
K65.0	Generalized (Acute) Peritonitis	DX	10	*****
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K68.19	Other Retroperitoneal Abscess	DX	10	*****
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****
L03.313	Cellulitis Of Chest Wall	DX	10	*****
L02.214	Cutaneous Abscess Of Groin	DX	10	*****
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
J12.9	Viral Pneumonia, Unspecified	DX	10	*****
N61.1	Abscess Of The Breast And Nipple	DX	10	*****
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****
L03.818	Cellulitis Of Other Sites	DX	10	*****
L03.315	Cellulitis Of Perineum	DX	10	*****
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****
A41.81	Sepsis Due To Enterococcus	DX	10	*****
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****
L03.031	Cellulitis Of Right Toe	DX	10	*****
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****
B00.3	Herpesviral Meningitis	DX	10	*****
M72.6	Necrotizing Fasciitis	DX	10	*****
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****
A40.8	Other Streptococcal Sepsis	DX	10	*****
L05.01	Pilonidal Cyst With Abscess	DX	10	*****
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****
A41.4	Sepsis Due To Anaerobes	DX	10	*****
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
L03.012	Cellulitis Of Left Finger	DX	10	*****
L03.032	Cellulitis Of Left Toe	DX	10	*****
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****
L02.01	Cutaneous Abscess Of Face	DX	10	*****
L02.512	Cutaneous Abscess Of Left Hand	DX	10	*****
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With	DX	10	*****

Table 16b. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
	Diverticulitis Of Small Intestine With Perforation And Abscess Without			*****
K57.00	Bleeding	DX	10	*****
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****
J12.3	Human Metapneumovirus Pneumonia	DX	10	*****
K61.3	Ischiorectal Abscess	DX	10	*****
G03.9	Meningitis, Unspecified	DX	10	*****
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****
B59	Pneumocystosis	DX	10	*****
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****
A41.53	Sepsis Due To Serratia	DX	10	*****
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****
K37	Unspecified Appendicitis	DX	10	*****
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10	*****
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****
L03.314	Cellulitis Of Groin	DX	10	*****
H60.12	Cellulitis Of Left External Ear	DX	10	*****
L03.221	Cellulitis Of Neck	DX	10	*****
L03.316	Cellulitis Of Umbilicus	DX	10	*****
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10	*****
L02.612	Cutaneous Abscess Of Left Foot	DX	10	*****
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****
	Diverticulitis Of Both Small And Large Intestine With Perforation And			*****
K57.40	Abscess Without Bleeding	DX	10	*****
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess			*****
K57.93	With Bleeding	DX	10	*****
	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without			*****
K57.12	Bleeding	DX	10	*****
	Influenza Due To Other Identified Influenza Virus With Other Specified			*****
J10.08	Pneumonia	DX	10	*****
	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of			*****
J10.00	Pneumonia	DX	10	*****
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10	*****
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K36	Other Appendicitis	DX	10	*****
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****
L03.213	Periorbital Cellulitis	DX	10	*****
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****

Table 16b. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****
D73.3	Abscess Of Spleen	DX	10	*****
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10	*****
L01.03	Bullous Impetigo	DX	10	*****
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****
L03.112	Cellulitis Of Left Axilla	DX	10	*****
L03.011	Cellulitis Of Right Finger	DX	10	*****
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****
L03.039	Cellulitis Of Unspecified Toe	DX	10	*****
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10	*****
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10	*****
A31.1	Cutaneous Mycobacterial Infection	DX	10	*****
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	*****
K85.32	Drug Induced Acute Pancreatitis With Infected Necrosis	DX	10	*****
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
L02.222	Furuncle Of Back [any Part, Except Buttock]	DX	10	*****
L02.223	Furuncle Of Chest Wall	DX	10	*****
L02.02	Furuncle Of Face	DX	10	*****
L02.229	Furuncle Of Trunk, Unspecified	DX	10	*****
A48.0	Gas Gangrene	DX	10	*****
K85.01	Idiopathic Acute Pancreatitis With Uninfected Necrosis	DX	10	*****
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10	*****
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
A48.1	Legionnaires' Disease	DX	10	*****
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****
L01.01	Non-Bullous Impetigo	DX	10	*****
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****
M86.161	Other Acute Osteomyelitis, Right Tibia And Fibula	DX	10	*****
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10	*****
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****
M86.8X1	Other Osteomyelitis, Shoulder	DX	10	*****
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****
A43.0	Pulmonary Nocardiosis	DX	10	*****

Table 16b. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A02.1	Salmonella Sepsis	DX	10	*****
A41.52	Sepsis Due To Pseudomonas	DX	10	*****
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10	*****
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	131	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	106	IPX
K65.1	Peritoneal Abscess	DX	10	74	IPX
U07.1	COVID-19	DX	10	66	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	57	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	42	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	38	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	36	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	35	IPP
K65.1	Peritoneal Abscess	DX	10	32	IPS
K65.1	Peritoneal Abscess	DX	10	30	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
R78.81	Bacteremia	DX	10	29	IPX
K61.1	Rectal Abscess	DX	10	28	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	28	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	26	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	26	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	23	IPX
N10	Acute Pyelonephritis	DX	10	18	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	17	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	16	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	14	IPX
K63.0	Abscess Of Intestine	DX	10	14	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	14	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
K61.1	Rectal Abscess	DX	10	13	IPS
K61.1	Rectal Abscess	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	13	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	12	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K61.0	Anal Abscess	DX	10	12	IPX
K61.0	Anal Abscess	DX	10	11	IPS
U07.1	COVID-19	DX	10	11	IPP
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	11	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10	11	IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
U07.1	COVID-19	DX	10	*****	IPP
J12.89	Other Viral Pneumonia	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
U07.1	COVID-19	DX	10	*****	IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPP
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
G03.9	Meningitis, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J12.89	Other Viral Pneumonia	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10	*****	IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
U07.1	COVID-19	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPP
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****	IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K36	Other Appendicitis	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
H60.12	Cellulitis Of Left External Ear	DX	10	*****	IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.11	Cutaneous Abscess Of Neck	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L03.032	Cellulitis Of Left Toe	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.213	Periorbital Cellulitis	DX	10	*****	IPP
L03.213	Periorbital Cellulitis	DX	10		IPX
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****	IPX
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
A02.1	Salmonella Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****	IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K38.9	Disease Of Appendix, Unspecified	DX	10	*****	IPX
K57.21	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.00	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.80	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.20	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.20	Abscess Without Bleeding	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPX
A41.9	Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.20	Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPX
J18.9	Bleeding	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Sepsis, Unspecified Organism	DX	10		IPX
	Other Specified Sepsis				
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPS
K57.20	Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPX
A41.9	Bleeding	DX	10		IPS
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
K65.8	Other Peritonitis	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPP
K57.20	Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without				
	Bleeding				
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPX
	Bleeding				
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10	*****	IPX
K57.13	Bleeding	DX	10		IPX
	Diverticulitis Of Small Intestine Without Perforation Or Abscess With				
	Bleeding				
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10	*****	IPX
K57.20	Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess Without				
	Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10	*****	IPP
K57.80	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPX
K57.21	Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPS
A41.9	Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess With				
	Bleeding				
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10	*****	IPP
K57.32	Without Bleeding	DX	10		IPX
K57.21	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPX
A41.9	Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine With Perforation And Abscess With	DX	10		IPS
	Bleeding				
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPP
	Bleeding				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K75.0	Abscess Of Liver	DX	10	*****	IPP
K75.0	Abscess Of Liver	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPP
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPX
K57.33	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPS
K57.32	Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
J18.1	Bleeding	DX	10		IPX
J15.212	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.9	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.80	Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPX
K57.20	Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPP
	Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.92	Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
	Abscess Without Bleeding				
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPS
A41.9	Bleeding	DX	10		IPP
A41.52	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPX
	Bleeding				
	Sepsis, Unspecified Organism				
	Sepsis Due To Pseudomonas				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPP
	Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPX
	Bleeding				
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPX
A41.9	Bleeding	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
	Sepsis, Unspecified Organism				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
A41.9	Bleeding Sepsis, Unspecified Organism	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
J18.9	Bleeding Pneumonia, Unspecified Organism	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.12	Bleeding	DX	10		IPS
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without	DX	10		IPX
	Bleeding				
	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without				
	Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.20	Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess Without				
	Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.33	Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess With				
	Bleeding				
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With	DX	10		IPP
	Bleeding				
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With	DX	10	*****	IPX
K57.33	Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess With				
	Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.33	Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess With				
	Bleeding				
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With	DX	10	*****	IPX
	Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.40	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Both Small And Large Intestine With Perforation And	DX	10		IPP
	Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without				
	Bleeding				
K57.41	Diverticulitis Of Both Small And Large Intestine With Perforation And	DX	10	*****	IPX
A41.9	Abscess With Bleeding	DX	10		IPX
	Sepsis, Unspecified Organism				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.53	Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Both Small And Large Intestine Without Perforation Or				
	Abscess With Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPP
	Without Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10	*****	IPX
K57.80	Without Bleeding	DX	10		IPS
	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess				
	Without Bleeding				
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPS
K57.80	Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPX
A41.59	Without Bleeding	DX	10		IPX
A41.59	Sepsis, Unspecified Organism	DX	10		IPP
	Other Gram-Negative Sepsis				
	Other Gram-Negative Sepsis				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPS
K57.92	Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
	Abscess Without Bleeding				
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or				
	Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPP
K57.92	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or				
	Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPS
K57.92	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or				
	Abscess Without Bleeding				
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPS
K57.92	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or				
	Abscess Without Bleeding				
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPS
	Abscess Without Bleeding				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K35.80	Abscess Without Bleeding	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.12	Abscess Without Bleeding	DX	10		IPP
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPS
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.8	Other Peritonitis	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPP
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
N73.2	Covid-19, Virus Identified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K37	Unspecified Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K65.8	Other Peritonitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPS
I76	Bleeding	DX	10		IPS
A41.9	Septic Arterial Embolism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K37	Unspecified Appendicitis	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPP
K85.00	Infection, Unspecified	DX	10		IPX
K65.1	Idiopathic Acute Pancreatitis Without	DX	10		IPX
A41.9	Necrosis Or Infection	DX	10		IPX
	Peritoneal Abscess				
	Sepsis, Unspecified Organism				
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10		IPX
K85.90	Infection, Unspecified	DX	10		IPP
K65.1	Acute Pancreatitis Without Necrosis Or	DX	10		IPX
	Infection, Unspecified				
	Peritoneal Abscess				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
K65.1	Infection, Unspecified	DX	10		IPX
A41.9	Peritoneal Abscess	DX	10		IPS
	Sepsis, Unspecified Organism				
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L02.211	Subcutaneous Tissue, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.216	Cutaneous Abscess Of Umbilicus	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And	DX	10	*****	IPX
K65.1	Sacrococcygeal Region	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
D73.3	Abscess Of Spleen	DX	10		IPP
D73.3	Abscess Of Spleen	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
K65.3	Choleperitonitis	DX	10	*****	IPS
K65.3	Choleperitonitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.8	Other Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPS
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K75.0	Abscess Of Liver	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And	DX	10		IPX
K65.9	Subcutaneous Tissue, Unspecified	DX	10		IPS
J18.9	Peritonitis, Unspecified	DX	10		IPS
A41.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism				
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
L02.231	Carbuncle Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
K75.0	Abscess Of Liver	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K75.0	Abscess Of Liver	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.2	Acute Cholecystitis With Chronic	DX	10	*****	IPX
K81.0	Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without	DX	10	*****	IPS
K81.9	Necrosis Or Infection	DX	10		IPX
K81.0	Cholecystitis, Unspecified	DX	10		IPX
	Acute Cholecystitis				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
K85.10	Infection, Unspecified	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without	DX	10		IPS
K81.0	Necrosis Or Infection	DX	10		IPX
	Biliary Acute Pancreatitis Without				
	Necrosis Or Infection				
	Acute Cholecystitis				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
K85.12	Infection, Unspecified	DX	10		IPX
K85.11	Biliary Acute Pancreatitis With Infected	DX	10		IPX
K85.11	Necrosis	DX	10		IPP
K85.10	Biliary Acute Pancreatitis With Uninfected	DX	10		IPX
K81.0	Necrosis	DX	10		IPX
A41.9	Biliary Acute Pancreatitis With Uninfected	DX	10		IPX
A41.9	Necrosis	DX	10		IPS
	Biliary Acute Pancreatitis Without				
	Necrosis Or Infection				
	Acute Cholecystitis				
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
K81.0	Acute Cholecystitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K81.2	Acute Cholecystitis With Chronic	DX	10	*****	IPX
A41.9	Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
K85.10	Infection, Unspecified	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without	DX	10		IPP
K81.9	Necrosis Or Infection	DX	10		IPS
	Biliary Acute Pancreatitis Without				
	Necrosis Or Infection				
	Cholecystitis, Unspecified				
K85.10	Biliary Acute Pancreatitis Without	DX	10	*****	IPS
K81.9	Necrosis Or Infection	DX	10		IPS
	Cholecystitis, Unspecified				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.02	Idiopathic Acute Pancreatitis With Infected Necrosis	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPS
K85.90	Infection, Unspecified	DX	10		IPX
K85.10	Acute Pancreatitis Without Necrosis Or	DX	10		IPS
A41.9	Infection, Unspecified	DX	10		IPP
A41.9	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
K85.90	Infection, Unspecified	DX	10		IPP
K85.10	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
	Biliary Acute Pancreatitis Without Necrosis Or Infection				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPS
K85.90	Infection, Unspecified	DX	10		IPX
K85.10	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
	Biliary Acute Pancreatitis Without Necrosis Or Infection				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
K85.30	Infection, Unspecified	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
	Drug Induced Acute Pancreatitis Without Necrosis Or Infection				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
K85.80	Infection, Unspecified	DX	10		IPX
K85.30	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
	Drug Induced Acute Pancreatitis Without Necrosis Or Infection				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
K85.30	Infection, Unspecified	DX	10		IPP
	Drug Induced Acute Pancreatitis Without Necrosis Or Infection				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
K85.30	Infection, Unspecified	DX	10		IPS
A41.9	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
	Sepsis, Unspecified Organism				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.91	Acute Pancreatitis With Uninfected	DX	10	*****	IPP
K85.90	Necrosis, Unspecified	DX	10		IPX
K85.30	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
	Drug Induced Acute Pancreatitis Without Necrosis Or Infection				
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Unspecified	DX	10		IPX
K85.80	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
	Other Acute Pancreatitis Without Necrosis Or Infection				
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
	Other Acute Pancreatitis Without Necrosis Or Infection				
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
	Other Acute Pancreatitis Without Necrosis Or Infection				
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
	Other Acute Pancreatitis Without Necrosis Or Infection				
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
	Other Acute Pancreatitis Without Necrosis Or Infection				
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10		IPX
K85.90	Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPS
K85.90	Infection, Unspecified	DX	10		IPX
A41.9	Acute Pancreatitis Without Necrosis Or	DX	10		IPP
A41.9	Infection, Unspecified	DX	10		IPX
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10		IPS
K85.90	Infection, Unspecified	DX	10		IPX
A41.9	Acute Pancreatitis Without Necrosis Or	DX	10		IPP
	Infection, Unspecified				
	Sepsis, Unspecified Organism				
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10		IPS
	Infection, Unspecified				
K85.91	Acute Pancreatitis With Uninfected	DX	10	*****	IPX
K85.91	Necrosis, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis With Uninfected	DX	10		IPX
	Necrosis, Unspecified				
	Acute Pancreatitis Without Necrosis Or				
	Infection, Unspecified				
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10		IPX
K37	Infection, Unspecified	DX	10		IPX
K35.80	Unspecified Appendicitis	DX	10		IPX
K35.3	Unspecified Acute Appendicitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized	DX	10		IPP
	Peritonitis				
	Acute Appendicitis With Localized				
	Peritonitis				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10		IPX
A41.9	Infection, Unspecified	DX	10		IPP
	Sepsis, Unspecified Organism				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
A41.9	Infection, Unspecified	DX	10		IPX
	Sepsis, Unspecified Organism				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
J18.9	Infection, Unspecified	DX	10		IPS
A41.9	Pneumonia, Unspecified Organism	DX	10		IPX
	Sepsis, Unspecified Organism				
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
J15.9	Infection, Unspecified	DX	10		IPS
	Unspecified Bacterial Pneumonia				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10	*****	IPX
J18.9	Infection, Unspecified Pneumonia, Unspecified Organism	DX	10		IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
A46	Erysipelas	DX	10		IPS
A46	Erysipelas	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A48.0	Gas Gangrene	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
M72.6	Necrotizing Fasciitis	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A48.0	Gas Gangrene	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.115	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.611	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
A48.0	Cutaneous Abscess Of Right Foot Gas Gangrene	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPP
H00.039	Abscess Of Eyelid Unspecified Eye, Unspecified Eyelid	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10	*****	IPX
H05.011	Cellulitis Of Right Orbit	DX	10		IPP
H05.011	Cellulitis Of Right Orbit	DX	10		IPX
H05.021	Osteomyelitis Of Right Orbit	DX	10	*****	IPX
H05.021	Osteomyelitis Of Right Orbit	DX	10		IPS
H05.011	Cellulitis Of Right Orbit	DX	10		IPX
H05.011	Cellulitis Of Right Orbit	DX	10		IPS
L03.213	Periorbital Cellulitis	DX	10	*****	IPS
H05.012	Cellulitis Of Left Orbit	DX	10		IPP
H05.012	Cellulitis Of Left Orbit	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral	DX	10		IPS
A41.9	Legs Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified	DX	10		IPX
J14	Organism	DX	10		IPX
I96	Pneumonia Due To Hemophilus	DX	10		IPX
I96	Influenzae	DX	10		IPP
I76	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.263	Gangrene, Not Elsewhere Classified	DX	10		IPX
I33.0	Septic Arterial Embolism	DX	10		IPX
I33.0	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral	DX	10		IPS
A41.9	Legs Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.01	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.01	Sepsis, Unspecified Organism	DX	10		IPS
	Other Specified Sepsis				
	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus				
	Sepsis Due To Methicillin Su				
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10		IPX
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPX
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.111	Cellulitis Of Right Axilla	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.011	Subcutaneous Tissue, Unspecified	DX	10		IPP
I96	Cellulitis Of Right Finger	DX	10		IPS
	Gangrene, Not Elsewhere Classified				
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10		IPS
M86.271	Subacute Osteomyelitis, Right Ankle And	DX	10		IPX
M86.171	Foot	DX	10		IPX
M86.071	Other Acute Osteomyelitis, Right Ankle	DX	10		IPX
L03.115	And Foot	DX	10		IPX
I96	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10		IPX
	Cellulitis Of Right Lower Limb				
	Gangrene, Not Elsewhere Classified				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
L03.213	Periorbital Cellulitis	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
J34.0	Abscess, Furuncle And Carbuncle Of Nose	DX	10		IPX
J34.0	Abscess, Furuncle And Carbuncle Of Nose	DX	10		IPP
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****	IPS
J10.00	Influenza Due To Other Identified	DX	10		IPS
A40.1	Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPP
	Sepsis Due To Streptococcus, Group B				
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPP
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.11	Cutaneous Abscess Of Neck	DX	10		IPX
L02.11	Cutaneous Abscess Of Neck	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.221	Cellulitis Of Neck	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPS
L02.11	Cutaneous Abscess Of Neck	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPP
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPS
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.0	Anal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And	DX	10	*****	IPP
M46.28	Sacrococcygeal Region	DX	10		IPX
L03.315	Osteomyelitis Of Vertebra, Sacral And	DX	10		IPS
K61.0	Sacrococcygeal Region	DX	10		IPS
	Cellulitis Of Perineum				
	Anal Abscess				
K61.0	Anal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPP
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.3	Ischiorectal Abscess	DX	10		IPP
K61.3	Ischiorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.3	Ischiorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.315	Cellulitis Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And	DX	10		IPS
L02.91	Sacrococcygeal Region	DX	10		IPX
K61.1	Cutaneous Abscess, Unspecified	DX	10		IPS
A41.9	Rectal Abscess	DX	10		IPP
	Sepsis, Unspecified Organism				
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPS
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPX
L01.00	Impetigo, Unspecified	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible	DX	10		IPP
A41.01	Staphylococcus Aureus	DX	10		IPX
	Sepsis Due To Methicillin Susceptible				
	Staphylococcus Aureus				
L03.213	Periorbital Cellulitis	DX	10	*****	IPP
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
B37.7	Candidal Sepsis	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K37	Unspecified Appendicitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPS
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10		IPX
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
L08.9	Local Infection Of The Skin And	DX	10	*****	IPS
L02.211	Subcutaneous Tissue, Unspecified	DX	10		IPS
	Cutaneous Abscess Of Abdominal Wall				
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****	IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.111	Cellulitis Of Right Axilla	DX	10		IPX
L03.111	Cellulitis Of Right Axilla	DX	10		IPP
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.315	Cellulitis Of Perineum	DX	10		IPP
L03.315	Cellulitis Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.224	Furuncle Of Groin	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPX
L05.02	Pilonidal Sinus With Abscess	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And	DX	10		IPS
L02.31	Sacrococcygeal Region	DX	10		IPS
A41.59	Cutaneous Abscess Of Buttock	DX	10		IPP
A40.8	Other Gram-Negative Sepsis Other Streptococcal Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.32	Furuncle Of Buttock	DX	10	*****	IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPX
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPS
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPP
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.112	Cellulitis Of Left Axilla	DX	10		IPX
L03.112	Cellulitis Of Left Axilla	DX	10		IPS
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPX
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPP
L02.412	Cutaneous Abscess Of Left Axilla	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPP
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10	*****	IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10	*****	IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.319	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.415	Cellulitis Of Right Upper Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
	Cutaneous Abscess Of Right Upper Limb				
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.113	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L02.413	Cellulitis Of Right Upper Limb	DX	10		IPS
	Cutaneous Abscess Of Right Upper Limb				
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPP
L03.019	Cellulitis Of Unspecified Finger	DX	10	*****	IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPP
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.116	Subcutaneous Tissue, Unspecified	DX	10		IPX
L02.415	Cellulitis Of Left Lower Limb	DX	10		IPS
	Cutaneous Abscess Of Right Lower Limb				
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.115	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.415	Cellulitis Of Right Lower Limb	DX	10		IPX
	Cutaneous Abscess Of Right Lower Limb				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.116	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.416	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb				
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
M86.8X9	Other Osteomyelitis, Unspecified Sites	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
M86.162	Other Acute Osteomyelitis, Left Tibia And	DX	10	*****	IPP
L03.116	Fibula	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.612	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Foot	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb				
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
G03.9	Meningitis, Unspecified	DX	10	*****	IPP
L02.422	Furuncle Of Left Axilla	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
G03.9	Meningitis, Unspecified	DX	10		IPS
G03.9	Meningitis, Unspecified	DX	10		IPX
A42.81	Actinomycotic Meningitis	DX	10		IPX
G03.9	Meningitis, Unspecified	DX	10	*****	IPS
A43.0	Pulmonary Nocardiosis	DX	10		IPP
G03.9	Meningitis, Unspecified	DX	10	*****	IPX
B00.3	Herpesviral Meningitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPS
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
L08.9	Local Infection Of The Skin And	DX	10		IPX
L03.90	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.115	Cellulitis, Unspecified	DX	10		IPX
L03.031	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.012	Cellulitis Of Right Toe	DX	10		IPS
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L02.519	Cellulitis Of Left Finger	DX	10		IPX
L02.512	Cutaneous Abscess Of Unspecified Hand	DX	10		IPS
A41.9	Cutaneous Abscess Of Left Hand	DX	10		IPX
A41.89	Sepsis, Unspecified Organism Other Specified Sepsis	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.012	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L02.512	Cellulitis Of Left Finger	DX	10		IPX
	Cutaneous Abscess Of Left Hand				
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPS
L02.521	Furuncle Right Hand	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.171	Other Acute Osteomyelitis, Right Ankle	DX	10	*****	IPX
M86.171	And Foot	DX	10		IPP
L02.611	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
L02.621	Furuncle Of Right Foot	DX	10	*****	IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle	DX	10	*****	IPX
M86.171	And Foot	DX	10		IPP
L08.9	Other Acute Osteomyelitis, Right Ankle	DX	10		IPX
L03.115	And Foot	DX	10		IPX
L03.115	Local Infection Of The Skin And	DX	10		IPS
L02.611	Subcutaneous Tissue, Unspecified	DX	10		IPX
	Cellulitis Of Right Lower Limb				
	Cellulitis Of Right Lower Limb				
	Cutaneous Abscess Of Right Foot				
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.90	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.116	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.612	Cellulitis Of Left Lower Limb	DX	10		IPP
	Cutaneous Abscess Of Left Foot				
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10		IPX
L08.89	Other Specified Local Infections Of The	DX	10	*****	IPS
L02.811	Skin And Subcutaneous Tissue	DX	10		IPP
	Cutaneous Abscess Of Head [any Part, Except Face]				
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****	IPS
L03.213	Periorbital Cellulitis	DX	10		IPP
L03.213	Periorbital Cellulitis	DX	10		IPX
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.90	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.314	Cellulitis, Unspecified	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPP
L02.91	Cellulitis Of Groin	DX	10		IPX
	Cutaneous Abscess, Unspecified				
R78.81	Bacteremia	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.92	Furuncle, Unspecified	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPP
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.011	Cellulitis Of Right Finger	DX	10		IPS
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.019	Cellulitis Of Unspecified Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.012	Cellulitis Of Left Finger	DX	10	*****	IPS
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.019	Cellulitis Of Unspecified Finger	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.031	Subcutaneous Tissue, Unspecified	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10		IPX
	Cellulitis Of Right Toe				
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPS
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPS
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.031	Cellulitis Of Right Toe	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And	DX	10	*****	IPX
L03.032	Foot	DX	10		IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPP
	Cellulitis Of Left Toe				
L03.032	Cellulitis Of Left Toe	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.314	Cellulitis Of Groin	DX	10	*****	IPX
L03.314	Cellulitis Of Groin	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPS
L03.116	Subcutaneous Tissue, Unspecified	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.115	Subcutaneous Tissue, Unspecified Cellulitis Of Right Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.317	Subcutaneous Tissue, Unspecified	DX	10		IPS
L03.116	Cellulitis Of Buttock	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPS
L03.116	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb				
M86.162	Other Acute Osteomyelitis, Left Tibia And	DX	10	*****	IPX
L03.116	Fibula	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Cellulitis Of Left Lower Limb	DX	10		IPP
A41.9	Sepsis, Unspecified Organism				
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And	DX	10		IPP
M86.172	Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Left Ankle And	DX	10		IPX
L03.116	Foot	DX	10		IPX
L03.116	Other Acute Osteomyelitis, Right Ankle	DX	10		IPS
L03.116	And Foot				
L03.116	Cellulitis Of Left Lower Limb				
L03.116	Cellulitis Of Left Lower Limb				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified	DX	10		IPS
A41.9	Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
L03.221	Cellulitis Of Neck	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPP
L03.221	Cellulitis Of Neck	DX	10	*****	IPS
L03.221	Cellulitis Of Neck	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
J15.20	Pneumonia Due To Staphylococcus,	DX	10		IPS
J15.20	Unspecified	DX	10		IPX
	Pneumonia Due To Staphylococcus,				
	Unspecified				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.314	Cellulitis Of Groin	DX	10		IPS
L03.314	Cellulitis Of Groin	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.314	Cellulitis Of Groin	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPP
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPP
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPS
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPS
L05.92	Pilonidal Sinus Without Abscess	DX	10	*****	IPX
L05.91	Pilonidal Cyst Without Abscess	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L08.9	Subcutaneous Tissue, Unspecified	DX	10		IPS
L08.9	Local Infection Of The Skin And				
L08.9	Subcutaneous Tissue, Unspecified				
M86.142	Other Acute Osteomyelitis, Left Hand	DX	10	*****	IPP
L08.9	Local Infection Of The Skin And	DX	10		IPS
L08.9	Subcutaneous Tissue, Unspecified				
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPP
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
L08.9	Local Infection Of The Skin And	DX	10		IPS
L08.9	Subcutaneous Tissue, Unspecified				
M86.179	Other Acute Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.172	Ankle And Foot	DX	10		IPX
M86.072	Other Acute Osteomyelitis, Left Ankle And	DX	10		IPX
L08.9	Foot	DX	10		IPX
A41.9	Acute Hematogenous Osteomyelitis, Left	DX	10		IPP
A41.9	Ankle And Foot				
A41.9	Local Infection Of The Skin And				
A41.9	Subcutaneous Tissue, Unspecified				
A41.9	Sepsis, Unspecified Organism				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And	DX	10		IPX
A41.9	Subcutaneous Tissue, Unspecified	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism				
R78.81	Bacteremia	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And	DX	10		IPX
A41.9	Subcutaneous Tissue, Unspecified	DX	10		IPP
A41.9	Sepsis, Unspecified Organism				
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
A41.9	Subcutaneous Tissue, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism				
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10		IPP
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPX
N61.1	Abscess Of The Breast And Nipple	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M46.20	Osteomyelitis Of Vertebra, Site	DX	10	*****	IPX
J18.9	Unspecified	DX	10		IPX
A41.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****	IPS
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****	IPX
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
K57.92	Diverticulitis Of Intestine, Part	DX	10		IPS
K57.32	Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
U07.1	COVID-19	DX	10	*****	IPP
K57.92	Diverticulitis Of Intestine, Part	DX	10		IPX
K57.92	Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding				
U07.1	COVID-19	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or	DX	10		IPX
K85.90	Infection, Unspecified	DX	10		IPS
	Acute Pancreatitis Without Necrosis Or Infection, Unspecified				
U07.1	COVID-19	DX	10	*****	IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
U07.1	COVID-19	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
B59	Pneumocystosis	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
U07.1	COVID-19	DX	10	*****	IPP
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
U07.1	COVID-19	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
M86.062	Acute Hematogenous Osteomyelitis, Left	DX	10		IPS
A41.01	Tibia And Fibula	DX	10		IPP
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle	DX	10		IPX
M86.071	And Foot	DX	10		IPX
A41.9	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10		IPX
	Sepsis, Unspecified Organism				
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
M86.111	Other Acute Osteomyelitis, Right Shoulder	DX	10		IPX
M86.272	Subacute Osteomyelitis, Left Ankle And	DX	10	*****	IPX
M86.162	Foot	DX	10		IPX
	Other Acute Osteomyelitis, Left Tibia And Fibula				
R78.81	Bacteremia	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.18	Other Acute Osteomyelitis, Other Site	DX	10	*****	IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.8X3	Other Osteomyelitis, Forearm	DX	10	*****	IPS
M86.8X4	Other Osteomyelitis, Hand	DX	10	*****	IPS
B25.0	Cytomegaloviral Pneumonitis	DX	10	*****	IPX
B25.0	Cytomegaloviral Pneumonitis	DX	10		IPP
A87.8	Other Viral Meningitis	DX	10		IPX
A87.8	Other Viral Meningitis	DX	10		IPS
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****	IPX
A87.9	Viral Meningitis, Unspecified	DX	10	*****	IPP
A02.1	Salmonella Sepsis	DX	10	*****	IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A02.1	Salmonella Sepsis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPX
A02.1	Salmonella Sepsis	DX	10		IPX
B02.1	Zoster Meningitis	DX	10	*****	IPP
A87.9	Viral Meningitis, Unspecified	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPS
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10		IPX
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPS
A40.3	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis Due To Streptococcus Pneumoniae				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPX
A40.3	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis Due To Streptococcus Pneumoniae				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
J10.08	Pneumoniae	DX	10		IPS
A40.3	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
	Sepsis Due To Streptococcus Pneumoniae				
J13	Pneumonia Due To Streptococcus	DX	10	*****	IPX
J10.08	Pneumoniae	DX	10		IPX
A40.3	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPX
	Sepsis Due To Streptococcus Pneumoniae				
J13	Pneumonia Due To Streptococcus	DX	10	*****	IPX
A40.3	Pneumoniae	DX	10		IPX
	Sepsis Due To Streptococcus Pneumoniae				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
N16	Renal Tubulo-Interstitial Disorders In	DX	10	*****	IPS
J18.9	Diseases Classified Elsewhere	DX	10		IPS
J18.1	Pneumonia, Unspecified Organism	DX	10		IPX
J13	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A40.8	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPP
	Other Streptococcal Sepsis				
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A40.8	Other Streptococcal Sepsis	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPX
A40.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPP
A40.9	Streptococcal Sepsis, Unspecified				
R78.81	Bacteremia	DX	10	*****	IPS
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J15.211	Pneumonia Due To Methicillin Susceptible	DX	10		IPS
A41.9	Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis, Unspecified Organism	DX	10		IPS
	Sepsis Due To Methicillin Susceptible				
	Staphylococcus Aureus				
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible	DX	10		IPS
	Staphylococcus Aureus				
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible	DX	10		IPS
	Staphylococcus Aureus				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible	DX	10		IPS
	Staphylococcus Aureus				
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant	DX	10		IPP
A41.02	Staphylococcus Aureus	DX	10		IPX
	Sepsis Due To Methicillin Resistant				
	Staphylococcus Aureus				
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPX
A41.02	Staphylococcus Aureus	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant	DX	10		IPP
	Staphylococcus Aureus				
	Sepsis Due To Methicillin Resistant				
	Staphylococcus Aureus				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
J15.212	Infectious Organisms	DX	10		IPS
A41.9	Pneumonia Due To Methicillin Resistant	DX	10		IPX
A41.02	Staphylococcus Aureus Sepsis, Unspecified Organism Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.02	Sepsis Due To Methicillin Resistant	DX	10	*****	IPX
A41.02	Staphylococcus Aureus Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant	DX	10		IPX
A41.02	Staphylococcus Aureus Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.1	Sepsis Due To Other Specified	DX	10		IPP
A41.1	Staphylococcus Sepsis Due To Other Specified Staphylococcus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPX
A41.50	Sepsis, Unspecified Organism	DX	10		IPP
	Gram-Negative Sepsis, Unspecified				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPX
A41.50	Sepsis, Unspecified Organism	DX	10		IPP
	Gram-Negative Sepsis, Unspecified				
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPS
A41.9	Staphylococcus Aureus	DX	10		IPX
A41.51	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis Due To Escherichia Coli [e. Coli]				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N16	Renal Tubulo-Interstitial Disorders In	DX	10	*****	IPS
A41.51	Diseases Classified Elsewhere	DX	10		IPP
	Sepsis Due To Escherichia Coli [e. Coli]				
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPX
A41.59	Sepsis, Unspecified Organism	DX	10		IPP
	Other Gram-Negative Sepsis				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPP
A41.81	Sepsis Due To Enterococcus	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
J12.89	Pneumoniae	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
A41.9	Other Viral Pneumonia	DX	10		IPX
A41.89	Sepsis, Unspecified Organism Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J10.08	Influenza Due To Other Identified	DX	10		IPS
A41.9	Influenza Virus With Other Specified	DX	10		IPX
A41.89	Pneumonia Sepsis, Unspecified Organism Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J12.81	Pneumonia Due To Sars-Associated	DX	10		IPX
A41.89	Coronavirus Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
B25.0	Cytomegaloviral Pneumonitis	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J10.00	Influenza Due To Other Identified	DX	10	*****	IPS
A41.89	Influenza Virus With Unspecified Type Of Pneumonia Other Specified Sepsis	DX	10		IPP
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B59	Pneumocystosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J10.00	Influenza Due To Other Identified	DX	10		IPX
J10.00	Influenza Virus With Unspecified Type Of	DX	10		IPS
A41.9	Pneumonia	DX	10		IPP
A41.9	Influenza Due To Other Identified	DX	10		IPX
	Influenza Virus With Unspecified Type Of				
	Pneumonia				
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPX
J15.3	Pneumonia Due To Streptococcus, Group	DX	10		IPX
J15.3	B	DX	10		IPS
A41.9	Pneumonia Due To Streptococcus, Group	DX	10		IPP
A41.9	B	DX	10		IPX
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPS
A41.9	Staphylococcus Aureus	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A48.1	Legionnaires' Disease	DX	10	*****	IPX
A48.1	Legionnaires' Disease	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A48.1	Legionnaires' Disease	DX	10		IPS
A48.1	Legionnaires' Disease	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
B37.1	Pulmonary Candidiasis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J10.00	Influenza Due To Other Identified	DX	10	*****	IPS
J10.00	Influenza Virus With Unspecified Type Of	DX	10		IPX
A41.9	Pneumonia	DX	10		IPP
A41.9	Influenza Due To Other Identified	DX	10		IPX
	Influenza Virus With Unspecified Type Of				
	Pneumonia				
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J11.00	Influenza Due To Unidentified Influenza	DX	10		IPX
J10.08	Virus With Unspecified Type Of	DX	10		IPS
A41.9	Pneumonia	DX	10		IPX
A41.9	Influenza Due To Other Identified	DX	10		IPP
	Influenza Virus With Other Specified				
	Pneumonia				
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPS
J15.1	Staphylococcus Aureus	DX	10		IPS
A41.9	Pneumonia Due To Pseudomonas	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism				
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism				
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
J16.8	Infectious Organisms	DX	10		IPS
A41.9	Pneumonia Due To Other Specified	DX	10		IPP
A41.9	Infectious Organisms	DX	10		IPX
A41.9	Sepsis, Unspecified Organism				
A41.9	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism				
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
B39.2	Pulmonary Histoplasmosis Capsulati,	DX	10		IPS
A41.9	Unspecified	DX	10		IPP
	Sepsis, Unspecified Organism				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
J13	Infectious Organisms	DX	10		IPS
J10.08	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPP
	Influenza Due To Other Identified				
	Influenza Virus With Other Specified				
	Pneumonia				
	Sepsis, Unspecified Organism				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPS
J10.08	Staphylococcus Aureus	DX	10		IPS
A41.9	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J10.00	Influenza Due To Other Identified	DX	10		IPS
A41.9	Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J11.00	Influenza Due To Unidentified Influenza	DX	10		IPS
A41.9	Virus With Unspecified Type Of Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
J12.0	Infectious Organisms	DX	10		IPS
A41.9	Adenoviral Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.211	Pneumonia Due To Methicillin Susceptible	DX	10		IPS
A41.9	Staphylococcus Aureus	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.211	Pneumonia Due To Methicillin Susceptible	DX	10		IPS
A41.9	Staphylococcus Aureus	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPP
	Sepsis, Unspecified Organism				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.0	Bronchopneumonia, Unspecified	DX	10	*****	IPS
A41.9	Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
B59	Pneumocystosis	DX	10		IPX
B59	Pneumocystosis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With	DX	10	*****	IPS
A41.9	Perforation And Abscess Without Bleeding	DX	10		IPS
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B38.2	Pulmonary Coccidioidomycosis,	DX	10		IPX
B38.0	Unspecified	DX	10		IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPS
A41.9	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
	Sepsis, Unspecified Organism				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPX
A41.9	Staphylococcus Aureus Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.5	Pneumonia Due To Escherichia Coli	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A04.8	Other Specified Bacterial Intestinal Infections	DX	10		IPX
B39.2	Pulmonary Histoplasmosis Capsulati,	DX	10	*****	IPX
A41.9	Unspecified Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
B59	Pneumocystosis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J15.211	Pneumonia Due To Methicillin Susceptible	DX	10	*****	IPX
A41.9	Staphylococcus Aureus Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.3	Pneumonia Due To Streptococcus, Group	DX	10		IPX
A41.9	B Sepsis, Unspecified Organism	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.8	Pneumonia Due To Other Specified	DX	10		IPX
J15.8	Bacteria	DX	10		IPP
A41.9	Pneumonia Due To Other Specified Bacteria	DX	10		IPX
	Sepsis, Unspecified Organism				
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J16.0	Chlamydial Pneumonia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N16	Renal Tubulo-Interstitial Disorders In	DX	10	*****	IPS
J18.9	Diseases Classified Elsewhere	DX	10		IPX
A41.9	Pneumonia, Unspecified Organism	DX	10		IPX
	Sepsis, Unspecified Organism				
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
B37.7	Candidal Sepsis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPX
B59	Pneumocystosis	DX	10	*****	IPS
A43.0	Pulmonary Nocardiosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B37.1	Pulmonary Candidiasis	DX	10		IPS
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10	*****	IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
B38.2	Pulmonary Coccidioidomycosis,	DX	10	*****	IPS
B38.2	Unspecified Pulmonary Coccidioidomycosis, Unspecified	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPX
B39.2	Bacteria	DX	10		IPP
B39.2	Pulmonary Histoplasmosis Capsulati,	DX	10		IPX
B39.0	Unspecified Pulmonary Histoplasmosis Capsulati, Unspecified Acute Pulmonary Histoplasmosis Capsulati	DX	10		IPX
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B59	Pneumocystosis	DX	10		IPS
B59	Pneumocystosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPX
B59	Pneumocystosis	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative	DX	10	*****	IPS
J11.08	Bacteria Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10		IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****	IPP
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPX
J12.3	Human Metapneumovirus Pneumonia	DX	10	*****	IPX
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPP
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPS
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPX

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J17	Pneumonia In Diseases Classified Elsewhere	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPP

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.0	Bronchopneumonia, Unspecified	DX	10	*****	IPX
J18.0	Organism Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPP
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized	DX	10	*****	IPX
K35.2	Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPP
	Acute Appendicitis With Generalized Peritonitis				

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPP
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPP
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPP
K35.89	Other Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS
K37	Unspecified Appendicitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.89	Other Acute Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10	*****	IPS

Table 16c. Full Code Distribution¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K36	Other Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10		IPS
K37	Unspecified Appendicitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10		IPS
K55.32	Stage 2 Necrotizing Enterocolitis	DX	10	*****	IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.01	Diverticulitis Of Small Intestine With Perforation And Abscess With Bleeding	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16d. Total Code Counts¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code		Overall Counts
		Category	Code Type	
A41.9	Sepsis, Unspecified Organism	DX	10	1,238
J18.9	Pneumonia, Unspecified Organism	DX	10	834
K65.1	Peritoneal Abscess	DX	10	379
R65.21	Severe Sepsis With Septic Shock	DX	10	263
R65.20	Severe Sepsis Without Septic Shock	DX	10	188
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	181
R78.81	Bacteremia	DX	10	169
K61.1	Rectal Abscess	DX	10	166
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	145
L03.115	Cellulitis Of Right Lower Limb	DX	10	144
U07.1	COVID-19	DX	10	141
L03.116	Cellulitis Of Left Lower Limb	DX	10	134
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	128
K61.0	Anal Abscess	DX	10	87
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	85
N10	Acute Pyelonephritis	DX	10	84
J12.89	Other Viral Pneumonia	DX	10	73
L03.311	Cellulitis Of Abdominal Wall	DX	10	70
A41.89	Other Specified Sepsis	DX	10	70
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	69
J15.9	Unspecified Bacterial Pneumonia	DX	10	64
L03.90	Cellulitis, Unspecified	DX	10	63
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	53
K63.0	Abscess Of Intestine	DX	10	50
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	46
L02.91	Cutaneous Abscess, Unspecified	DX	10	42
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	40
K61.2	Anorectal Abscess	DX	10	37
L03.114	Cellulitis Of Left Upper Limb	DX	10	37
L02.31	Cutaneous Abscess Of Buttock	DX	10	37
L03.113	Cellulitis Of Right Upper Limb	DX	10	36
K65.9	Peritonitis, Unspecified	DX	10	34
L03.211	Cellulitis Of Face	DX	10	33
K81.0	Acute Cholecystitis	DX	10	32
K35.80	Unspecified Acute Appendicitis	DX	10	32
K65.8	Other Peritonitis	DX	10	31
L02.215	Cutaneous Abscess Of Perineum	DX	10	30
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	29
A41.59	Other Gram-Negative Sepsis	DX	10	28
L03.317	Cellulitis Of Buttock	DX	10	27
I96	Gangrene, Not Elsewhere Classified	DX	10	27
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	27
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	24

Table 16d. Total Code Counts¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code		Overall Counts
		Category	Code Type	
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	21
K65.0	Generalized (Acute) Peritonitis	DX	10	20
J18.8	Other Pneumonia, Unspecified Organism	DX	10	19
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	18
K75.0	Abscess Of Liver	DX	10	17
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	17
K68.19	Other Retroperitoneal Abscess	DX	10	17
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	16
I33.0	Acute And Subacute Infective Endocarditis	DX	10	15
K81.9	Cholecystitis, Unspecified	DX	10	15
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	15
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	14
B37.7	Candidal Sepsis	DX	10	14
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	14
K37	Unspecified Appendicitis	DX	10	14
J12.9	Viral Pneumonia, Unspecified	DX	10	14
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	13
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	13
A41.4	Sepsis Due To Anaerobes	DX	10	13
L03.011	Cellulitis Of Right Finger	DX	10	12
L03.031	Cellulitis Of Right Toe	DX	10	12
L02.511	Cutaneous Abscess Of Right Hand	DX	10	12
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	12
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	11
L03.313	Cellulitis Of Chest Wall	DX	10	11
L03.315	Cellulitis Of Perineum	DX	10	11
A40.8	Other Streptococcal Sepsis	DX	10	11
L03.213	Periorbital Cellulitis	DX	10	11
B59	Pneumocystosis	DX	10	11
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10	*****
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****
M86.9	Osteomyelitis, Unspecified	DX	10	*****
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****
A41.52	Sepsis Due To Pseudomonas	DX	10	*****
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****
L03.314	Cellulitis Of Groin	DX	10	*****
G03.9	Meningitis, Unspecified	DX	10	*****
A41.81	Sepsis Due To Enterococcus	DX	10	*****
L03.012	Cellulitis Of Left Finger	DX	10	*****
L03.818	Cellulitis Of Other Sites	DX	10	*****
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10	*****

Table 16d. Total Code Counts¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code		
		Category	Code Type	Overall Counts
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
L02.214	Cutaneous Abscess Of Groin	DX	10	*****
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****
K36	Other Appendicitis	DX	10	*****
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
L03.032	Cellulitis Of Left Toe	DX	10	*****
L03.221	Cellulitis Of Neck	DX	10	*****
L02.01	Cutaneous Abscess Of Face	DX	10	*****
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K61.3	Ischiorectal Abscess	DX	10	*****
A48.1	Legionnaires' Disease	DX	10	*****
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****
L02.612	Cutaneous Abscess Of Left Foot	DX	10	*****
L02.512	Cutaneous Abscess Of Left Hand	DX	10	*****
L02.11	Cutaneous Abscess Of Neck	DX	10	*****
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10	*****
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****
A02.1	Salmonella Sepsis	DX	10	*****
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****
N61.1	Abscess Of The Breast And Nipple	DX	10	*****
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****
H05.011	Cellulitis Of Right Orbit	DX	10	*****

Table 16d. Total Code Counts¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code		
		Category	Code Type	Overall Counts
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****
L02.412	Cutaneous Abscess Of Left Axilla	DX	10	*****
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****
M72.6	Necrotizing Fasciitis	DX	10	*****
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****
J12.2	Parainfluenza Virus Pneumonia	DX	10	*****
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10	*****
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10	*****
L03.111	Cellulitis Of Right Axilla	DX	10	*****
L03.019	Cellulitis Of Unspecified Finger	DX	10	*****
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10	*****
B25.0	Cytomegaloviral Pneumonitis	DX	10	*****
K57.21	Diverticulitis Of Large Intestine With Perforation And Abscess With	DX	10	*****
A48.0	Gas Gangrene	DX	10	*****
M86.162	Other Acute Osteomyelitis, Left Tibia And Fibula	DX	10	*****
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10	*****
N16	Renal Tubulo-Interstitial Disorders In Diseases Classified Elsewhere	DX	10	*****
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****
D73.3	Abscess Of Spleen	DX	10	*****
J34.0	Abscess, Furuncle And Carbuncle Of Nose	DX	10	*****
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****
M86.071	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10	*****
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10	*****
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral Legs	DX	10	*****
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10	*****
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10	*****
L03.112	Cellulitis Of Left Axilla	DX	10	*****
H60.12	Cellulitis Of Left External Ear	DX	10	*****
H05.012	Cellulitis Of Left Orbit	DX	10	*****
K65.3	Choleperitonitis	DX	10	*****
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10	*****
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10	*****
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10	*****
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10	*****
K38.9	Disease Of Appendix, Unspecified	DX	10	*****
A46	Erysipelas	DX	10	*****
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****

Table 16d. Total Code Counts¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code		
		Category	Code Type	Overall Counts
H05.021	Osteomyelitis Of Right Orbit	DX	10	*****
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****
K35.89	Other Acute Appendicitis	DX	10	*****
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****
A87.8	Other Viral Meningitis	DX	10	*****
L05.01	Pilonidal Cyst With Abscess	DX	10	*****
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10	*****
B37.1	Pulmonary Candidiasis	DX	10	*****
A43.0	Pulmonary Nocardiosis	DX	10	*****
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10	*****
A87.9	Viral Meningitis, Unspecified	DX	10	*****
H00.039	Abscess Of Eyelid Unspecified Eye, Unspecified Eyelid	DX	10	*****
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****
A42.81	Actinomycotic Meningitis	DX	10	*****
M86.072	Acute Hematogenous Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.062	Acute Hematogenous Osteomyelitis, Left Tibia And Fibula	DX	10	*****
J12.0	Adenoviral Pneumonia	DX	10	*****
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10	*****
K85.12	Biliary Acute Pancreatitis With Infected Necrosis	DX	10	*****
L02.231	Carbuncle Of Abdominal Wall	DX	10	*****
J16.0	Chlamydial Pneumonia	DX	10	*****
N73.2	Covid-19, Virus Identified	DX	10	*****
K57.41	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.53	Diverticulitis Of Both Small And Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K57.01	Diverticulitis Of Small Intestine With Perforation And Abscess With	DX	10	*****
K57.13	Diverticulitis Of Small Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
L02.32	Furuncle Of Buttock	DX	10	*****
L02.224	Furuncle Of Groin	DX	10	*****
L02.422	Furuncle Of Left Axilla	DX	10	*****
L02.621	Furuncle Of Right Foot	DX	10	*****
L02.521	Furuncle Right Hand	DX	10	*****
L02.92	Furuncle, Unspecified	DX	10	*****
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****
B00.3	Herpesviral Meningitis	DX	10	*****
J12.3	Human Metapneumovirus Pneumonia	DX	10	*****
K85.02	Idiopathic Acute Pancreatitis With Infected Necrosis	DX	10	*****

Table 16d. Total Code Counts¹ of Comparator Users Serious Infection Composite or COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code		
		Category	Code Type	Overall Counts
L01.00	Impetigo, Unspecified	DX	10	*****
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10	*****
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****
M46.20	Osteomyelitis Of Vertebra, Site Unspecified	DX	10	*****
M86.142	Other Acute Osteomyelitis, Left Hand	DX	10	*****
M86.18	Other Acute Osteomyelitis, Other Site	DX	10	*****
M86.111	Other Acute Osteomyelitis, Right Shoulder	DX	10	*****
M86.179	Other Acute Osteomyelitis, Unspecified Ankle And Foot	DX	10	*****
M86.8X3	Other Osteomyelitis, Forearm	DX	10	*****
M86.8X4	Other Osteomyelitis, Hand	DX	10	*****
M86.8X9	Other Osteomyelitis, Unspecified Sites	DX	10	*****
L05.02	Pilonidal Sinus With Abscess	DX	10	*****
L05.92	Pilonidal Sinus Without Abscess	DX	10	*****
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****
J17	Pneumonia In Diseases Classified Elsewhere	DX	10	*****
A41.53	Sepsis Due To Serratia	DX	10	*****
K55.32	Stage 2 Necrotizing Enterocolitis	DX	10	*****
M86.272	Subacute Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10	*****
B02.1	Zoster Meningitis	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16e. Full Code Distribution¹ of Ustekinumab Users and Acute Meningitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Setting
B00.3	Meningitis	DX	10	*****	IPS
G03.9	Meningitis,	DX	10	*****	IPX
G03.9	Unspecified	DX	10		IPS
G03.9	Unspecified	DX	10		IPX
B00.3	Herpesviral	DX	10	*****	IPX
B00.3	Meningitis	DX	10		IPP

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16f. Total Code Counts¹ of Ustekinumab Users and Acute Meningitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
B00.3	Herpesviral Meningitis	DX	10	*****
G03.9	Meningitis, Unspecified	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16g. Full Code Distribution¹ of Comparator Users and Acute Meningitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
G03.9	Unspecified	DX	10	*****	IPX
G03.9	Unspecified	DX	10	*****	IPS
G03.9	Unspecified	DX	10	*****	IPP
G03.9	Meningitis,	DX	10		IPS
G03.9	Unspecified	DX	10	*****	IPX
A42.81	Meningitis,	DX	10		IPX
G03.9	Meningitis,	DX	10		IPX
B00.3	Unspecified	DX	10	*****	IPS
A87.8	Other Viral	DX	10		IPS
A87.8	Meningitis	DX	10	*****	IPX
A87.9	Viral Meningitis,	DX	10	*****	IPP
B02.1	Zoster Meningitis	DX	10		IPP
A87.9	Viral Meningitis,	DX	10	*****	IPX
B02.1	Zoster Meningitis	DX	10	*****	IPS

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16h. Total Code Counts¹ of Comparator Users and Acute Meningitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
G03.9	Meningitis, Unspecified	DX	10	12
A87.8	Other Viral Meningitis	DX	10	*****
A87.9	Viral Meningitis, Unspecified	DX	10	*****
B02.1	Zoster Meningitis	DX	10	*****
A42.81	Actinomycotic Meningitis	DX	10	*****
B00.3	Herpesviral Meningitis	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16i. Full Code Distribution¹ of Ustekinumab Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	67	IPX
K65.1	Peritoneal Abscess	DX	10	33	IPS
K65.1	Peritoneal Abscess	DX	10	24	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPP
K81.0	Acute Cholecystitis	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX

Table 16i. Full Code Distribution¹ of Ustekinumab Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10	*****	IPX
K57.32	Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10	*****	IPX
K57.80	Or Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation	DX	10		IPX
K57.20	And Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10	*****	IPX
K57.92	Or Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10		IPP
K57.32	Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10	*****	IPS
K57.32	Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10		IPX
	Or Abscess Without Bleeding				

Table 16i. Full Code Distribution¹ of Ustekinumab Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10	*****	IPX
K57.40	Or Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Both Small And Large Intestine With Perforation	DX	10		IPS
K57.20	And Abscess Without Bleeding	DX	10		IPX
K57.00	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10	*****	IPX
K57.20	Or Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10	*****	IPX
K57.32	Or Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.93	Diverticulitis Of Intestine, Part Unspecified, Without Perforation	DX	10	*****	IPX
K57.93	Or Abscess With Bleeding	DX	10		IPP
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess With Bleeding				
K63.0	Abscess Of Intestine	DX	10	*****	IPP
K65.8	Other Peritonitis	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX

Table 16i. Full Code Distribution¹ of Ustekinumab Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPS
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
D73.3	Abscess Of Spleen	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS

Table 16i. Full Code Distribution¹ of Ustekinumab Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K37	Unspecified Appendicitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess	DX	10		IPX
K57.12	Without Bleeding	DX	10		IPX
	Diverticulitis Of Small Intestine Without Perforation Or Abscess				
	Without Bleeding				
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10		IPX
	Without Bleeding				
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10		IPS
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10	*****	IPP
K75.0	Abscess Of Liver	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX

Table 16i. Full Code Distribution¹ of Ustekinumab Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPP
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****	IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K85.01	Idiopathic Acute Pancreatitis With Uninfected Necrosis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.32	Drug Induced Acute Pancreatitis With Infected Necrosis	DX	10		IPP
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPP
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS
K36	Other Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K36	Other Appendicitis	DX	10	*****	IPX
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPP

Table 16i. Full Code Distribution¹ of Ustekinumab Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPP
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPS
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPP

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16j. Total Code Counts¹ of Ustekinumab Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
K65.1	Peritoneal Abscess	DX	10	203
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	52
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	30
K81.0	Acute Cholecystitis	DX	10	28
K63.0	Abscess Of Intestine	DX	10	27
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	23
K65.8	Other Peritonitis	DX	10	17
K65.9	Peritonitis, Unspecified	DX	10	16
K81.9	Cholecystitis, Unspecified	DX	10	14
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	12
K75.0	Abscess Of Liver	DX	10	11
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	11
K35.80	Unspecified Acute Appendicitis	DX	10	11
K65.0	Generalized (Acute) Peritonitis	DX	10	*****
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K68.19	Other Retroperitoneal Abscess	DX	10	*****
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****
K37	Unspecified Appendicitis	DX	10	*****
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.93	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess With Bleeding	DX	10	*****
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K36	Other Appendicitis	DX	10	*****
D73.3	Abscess Of Spleen	DX	10	*****
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	*****
K85.32	Drug Induced Acute Pancreatitis With Infected Necrosis	DX	10	*****

Table 16j. Total Code Counts¹ of Ustekinumab Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K85.01	Idiopathic Acute Pancreatitis With Uninfected Necrosis	DX	10	*****
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K65.1	Peritoneal Abscess	DX	10	146	IPX
K65.1	Peritoneal Abscess	DX	10	71	IPS
K65.1	Peritoneal Abscess	DX	10	48	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	31	IPX
K63.0	Abscess Of Intestine	DX	10	21	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	19	IPX
K65.1	Peritoneal Abscess	DX	10	15	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	15	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	15	IPX
K81.0	Acute Cholecystitis	DX	10	12	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	12	IPX
K65.9	Peritonitis, Unspecified	DX	10	11	IPS
K65.9	Peritonitis, Unspecified	DX	10	11	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	11	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	11	IPS
K65.8	Other Peritonitis	DX	10	*****	IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10	*****	IPS

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K37	Unspecified Appendicitis	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.92	Bleeding	DX	10		IPS
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding				
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K36	Other Appendicitis	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPS

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****	IPX
K38.9	Disease Of Appendix, Unspecified	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.53	Bleeding	DX	10		IPS
	Diverticulitis Of Both Small And Large Intestine Without Perforation Or Abscess With Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10	*****	IPP
K57.80	Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPX
K57.21	Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPP
	Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10	*****	IPP
K57.32	Bleeding	DX	10		IPX
K57.21	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10	*****	IPX
K57.80	Bleeding	DX	10		IPS
	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without				
	Bleeding				
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPX
K57.80	Bleeding	DX	10		IPS
	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without				
	Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10	*****	IPX
	Bleeding				

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10		IPX
K57.80	Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPX
K57.20	Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.80	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPP
K57.20	Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPP
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPX
K57.33	Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPX
K57.32	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.00	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10	*****	IPX
K57.32	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPS
K57.92	Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10		IPP
	Bleeding				
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without				
	Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPP
K57.92	Bleeding	DX	10		IPX
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without				
	Bleeding				

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
K57.92	Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Bleeding	DX	10		IPS
K57.92	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K75.0	Abscess Of Liver	DX	10	*****	IPP
K75.0	Abscess Of Liver	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10		IPX
K57.32	Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K35.80	Bleeding	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.12	Bleeding	DX	10		IPP
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.20	Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.32	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.32	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.40	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.20	Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.32	Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K37	Unspecified Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K37	Unspecified Appendicitis	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
D73.3	Abscess Of Spleen	DX	10		IPP
D73.3	Abscess Of Spleen	DX	10		IPX
K65.3	Choleperitonitis	DX	10	*****	IPS
K65.3	Choleperitonitis	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPP
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPP
K75.0	Abscess Of Liver	DX	10	*****	IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPP
K81.0	Acute Cholecystitis	DX	10		IPX

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K81.0	Acute Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K81.0	Acute Cholecvstitis	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.12	Biliary Acute Pancreatitis With Infected Necrosis	DX	10		IPX
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10		IPX
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.02	Idiopathic Acute Pancreatitis With Infected Necrosis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPP

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPP
K37	Unspecified Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPP
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPS
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPP
K35.89	Other Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K37	Unspecified Appendicitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.89	Other Acute Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10	*****	IPS
K36	Other Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10		IPS
K37	Unspecified Appendicitis	DX	10	*****	IPS
K37	Unspecified Appendicitis	DX	10	*****	IPS
K37	Unspecified Appendicitis	DX	10		IPX
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPP
K55.32	Stage 2 Necrotizing Enterocolitis	DX	10	*****	IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.01	Diverticulitis Of Small Intestine With Perforation And Abscess With Bleeding	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.13	Diverticulitis Of Small Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.21	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX

Table 16k. Full Code Distribution¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPP
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPS
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPS
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPX
K57.41	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****	IPX

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16I. Total Code Counts¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
K65.1	Peritoneal Abscess	DX	10	428
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	147
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	97
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	75
K63.0	Abscess Of Intestine	DX	10	54
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	48
K65.9	Peritonitis, Unspecified	DX	10	42
K81.0	Acute Cholecystitis	DX	10	35
K65.8	Other Peritonitis	DX	10	35
K35.80	Unspecified Acute Appendicitis	DX	10	34
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	26
K75.0	Abscess Of Liver	DX	10	22
K81.9	Cholecystitis, Unspecified	DX	10	21
K65.0	Generalized (Acute) Peritonitis	DX	10	21
K68.19	Other Retroperitoneal Abscess	DX	10	20
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	15
K37	Unspecified Appendicitis	DX	10	15
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	14
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	14
K65.2	Spontaneous Bacterial Peritonitis	DX	10	11
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K36	Other Appendicitis	DX	10	*****
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****
K57.21	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****
D73.3	Abscess Of Spleen	DX	10	*****
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10	*****
K65.3	Choleperitonitis	DX	10	*****
K38.9	Disease Of Appendix, Unspecified	DX	10	*****
K35.89	Other Acute Appendicitis	DX	10	*****
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****
K85.12	Biliary Acute Pancreatitis With Infected Necrosis	DX	10	*****
K57.41	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****

Table 16I. Total Code Counts¹ of Comparator Users and Gastrointestinal Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
K57.53	Diverticulitis Of Both Small And Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K57.01	Diverticulitis Of Small Intestine With Perforation And Abscess With Bleeding	DX	10	*****
K57.13	Diverticulitis Of Small Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K85.02	Idiopathic Acute Pancreatitis With Infected Necrosis	DX	10	*****
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****
K55.32	Stage 2 Necrotizing Enterocolitis	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16m. Full Code Distribution¹ of Ustekinumab Users and Pyelonephritis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N10	Acute Pyelonephritis	DX	10		21 IPX
N10	Acute Pyelonephritis	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPP
N10	Acute Pyelonephritis	DX	10		IPX

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16n. Total Code Counts¹ of Ustekinumab Users and Pyelonephritis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
N10	Acute Pyelonephritis	DX	10	40

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16o. Full Code Distribution¹ of Comparator Users and Pyelonephritis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N10	Acute Pyelonephritis	DX	10	45	IPX
N10	Acute Pyelonephritis	DX	10	13	IPS
N10	Acute Pyelonephritis	DX	10	11	IPX
N10	Acute Pyelonephritis	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPP
N16	Renal Tubulo-Interstitial Disorders In Diseases Classified Elsewhere	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPP
N16	Renal Tubulo-Interstitial Disorders In Diseases Classified Elsewhere	DX	10		IPX

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16p. Total Code Counts¹ of Comparator Users and Pyelonephritis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
N10	Acute Pyelonephritis	DX	10	99
N16	Renal Tubulo-Interstitial Disorders In Diseases Classified Elsewhere	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16q. Full Code Distribution¹ of Ustekinumab Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	75	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	33	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	26	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	15	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	11	IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPX

Table 16q. Full Code Distribution¹ of Ustekinumab Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J11.08	Influenza Due To Unidentified Influenza Virus With Specified	DX	10		IPX
J10.08	Pneumonia Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPP
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPP
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPP
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****	IPX

Table 16q. Full Code Distribution¹ of Ustekinumab Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.21	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.21	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.5	Pneumonia Due To Escherichia Coli	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPS
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
B59	Pneumocystosis	DX	10		IPX
B59	Pneumocystosis	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
B59	Pneumocystosis	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS

Table 16q. Full Code Distribution¹ of Ustekinumab Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPP
B59	Pneumocystosis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPS
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****	IPS
A43.0	Pulmonary Nocardiosis	DX	10	*****	IPS
A48.1	Legionnaires' Disease	DX	10	*****	IPX
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPX
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPS

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16r. Total Code Counts¹ of Ustekinumab Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
J18.9	Pneumonia, Unspecified Organism	DX	10	253
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	41
J12.89	Other Viral Pneumonia	DX	10	32
J15.9	Unspecified Bacterial Pneumonia	DX	10	12
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****
J12.9	Viral Pneumonia, Unspecified	DX	10	*****
B59	Pneumocystosis	DX	10	*****
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
J12.3	Human Metapneumovirus Pneumonia	DX	10	*****
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10	*****
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
A48.1	Legionnaires' Disease	DX	10	*****
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****
A43.0	Pulmonary Nocardiosis	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	247	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	111	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	96	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	58	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	46	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	14	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	14	IPP
J12.89	Other Viral Pneumonia	DX	10	13	IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	12	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10	11	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****	IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****	IPS
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPX

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPX
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPS
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J12.0	Adenoviral Pneumonia	DX	10		IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****	IPP
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPX
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPS
J12.3	Human Metapneumovirus Pneumonia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
B25.0	Cytomegaloviral Pneumonitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
B59	Pneumocystosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPP
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPS
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPX
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPX
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J14	Pneumonia Due To Hemophilus Influenzae	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****	IPS
B59	Pneumocystosis	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.5	Pneumonia Due To Escherichia Coli	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****	IPX
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10	*****	IPS
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10		IPX
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10		IPS
B37.1	Pulmonary Candidiasis	DX	10		IPX
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPX
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10		IPS
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10		IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPX
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPP
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPX
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10		IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****	IPP
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPS
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPX
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPP

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
J16.0	Chlamydial Pneumonia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J17	Pneumonia In Diseases Classified Elsewhere	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPP
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified	DX	10		IPS
J10.00	Pneumonia	DX	10		IPS
	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia				
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A48.1	Legionnaires' Disease	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified	DX	10		IPS
J10.00	Type Of Pneumonia	DX	10		IPX
	Influenza Due To Other Identified Influenza Virus With Unspecified				
	Type Of Pneumonia				
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
B37.1	Pulmonary Candidiasis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX

Table 16s. Full Code Distribution¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B59	Pneumocystosis	DX	10		IPS
B59	Pneumocystosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B59	Pneumocystosis	DX	10		IPX
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****	IPS
J85.1	Abscess Of Lung With Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10		IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPS
B59	Pneumocystosis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPS
A43.0	Pulmonary Nocardiosis	DX	10	*****	IPP
B59	Pneumocystosis	DX	10	*****	IPS
A43.0	Pulmonary Nocardiosis	DX	10		IPP
A48.1	Legionnaires' Disease	DX	10	*****	IPS
A48.1	Legionnaires' Disease	DX	10		IPX
B25.0	Cytomegaloviral Pneumonitis	DX	10	*****	IPX
B25.0	Cytomegaloviral Pneumonitis	DX	10		IPP
B37.1	Pulmonary Candidiasis	DX	10	*****	IPS
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10	*****	IPS
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10		IPX
B59	Pneumocystosis	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPS
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****	IPS
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPX

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 16t. Total Code Counts¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
J18.9	Pneumonia, Unspecified Organism	DX	10	926
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	158
J12.89	Other Viral Pneumonia	DX	10	72
J15.9	Unspecified Bacterial Pneumonia	DX	10	67
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	23
J18.8	Other Pneumonia, Unspecified Organism	DX	10	21
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	16
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	16
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	14
J12.9	Viral Pneumonia, Unspecified	DX	10	14
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	13
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	11
B59	Pneumocystosis	DX	10	11
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	11
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
A48.1	Legionnaires' Disease	DX	10	*****
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10	*****
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10	*****
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****
J12.2	Parainfluenza Virus Pneumonia	DX	10	*****
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10	*****
B25.0	Cytomegaloviral Pneumonitis	DX	10	*****
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10	*****
B37.1	Pulmonary Candidiasis	DX	10	*****
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10	*****
J12.3	Human Metapneumovirus Pneumonia	DX	10	*****
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
A43.0	Pulmonary Nocardiosis	DX	10	*****
J12.0	Adenoviral Pneumonia	DX	10	*****
J16.0	Chlamydial Pneumonia	DX	10	*****

Table 16t. Total Code Counts¹ of Comparator Users and Pneumonia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
J11.08	Influenza Due To Unidentified Influenza Virus With Specified	DX	10	*****
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****
J17	Pneumonia In Diseases Classified Elsewhere	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16u. Full Code Distribution¹ of Ustekinumab Users and Acute Osteomyelitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.161	Other Acute Osteomyelitis, Right Tibia And Fibula	DX	10		IPS
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.8X8	Other Osteomyelitis, Other Site	DX	10		IPX
M86.8X1	Other Osteomyelitis, Shoulder	DX	10		IPS
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10		IPX
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10		IPX
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10		IPP
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10		IPP
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10		IPS
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10		IPS
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPP
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPP
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPP
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPP

Table 16u. Full Code Distribution¹ of Ustekinumab Users and Acute Osteomyelitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPS
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPX
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10		IPS
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPX
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****	IPP
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16v. Total Code Counts¹ of Ustekinumab Users and Acute Osteomyelitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
M86.9	Osteomyelitis, Unspecified	DX	10	22
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10	*****
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10	*****
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****
M86.161	Other Acute Osteomyelitis, Right Tibia And Fibula	DX	10	*****
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10	*****
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****
M86.8X1	Other Osteomyelitis, Shoulder	DX	10	*****
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16w. Full Code Distribution¹ of Comparator Users and Acute Osteomyelitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPP
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****	IPS
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPS
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPX
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
H05.021	Osteomyelitis Of Right Orbit	DX	10	*****	IPX
H05.021	Osteomyelitis Of Right Orbit	DX	10		IPS
M86.062	Acute Hematogenous Osteomyelitis, Left Tibia And Fibula	DX	10	*****	IPS
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****	IPX
M86.071	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10		IPS
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.071	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.179	Other Acute Osteomyelitis, Unspecified Ankle And Foot	DX	10	*****	IPX
M86.172	Foot	DX	10		IPX
M86.072	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
	Acute Hematogenous Osteomyelitis, Left Ankle And Foot				
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10		IPS
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****	IPX
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
M86.111	Other Acute Osteomyelitis, Right Shoulder	DX	10		IPX
M86.142	Other Acute Osteomyelitis, Left Hand	DX	10	*****	IPP
M86.162	Other Acute Osteomyelitis, Left Tibia And Fibula	DX	10	*****	IPP
M86.162	Other Acute Osteomyelitis, Left Tibia And Fibula	DX	10	*****	IPX
M86.272	Subacute Osteomyelitis, Left Ankle And Foot	DX	10	*****	IPX
M86.162	Other Acute Osteomyelitis, Left Tibia And Fibula	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****	IPS
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****	IPX

Table 16w. Full Code Distribution¹ of Comparator Users and Acute Osteomyelitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPP
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.18	Other Acute Osteomyelitis, Other Site	DX	10	*****	IPS
M86.18	Other Acute Osteomyelitis, Other Site	DX	10	*****	IPX
M46.20	Osteomyelitis Of Vertebra, Site Unspecified	DX	10	*****	IPX
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPS
M46.20	Osteomyelitis Of Vertebra, Site Unspecified	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.272	Subacute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****	IPS
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****	IPX
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10		IPS
M86.8X3	Other Osteomyelitis, Forearm	DX	10	*****	IPS
M86.8X4	Other Osteomyelitis, Hand	DX	10	*****	IPS
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****	IPX
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****	IPX
M86.8X9	Other Osteomyelitis, Unspecified Sites	DX	10	*****	IPX
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10	*****	IPP
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPS
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPX
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal	DX	10	*****	IPX
M46.28	Region	DX	10		IPP
	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal				Region
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal	DX	10	*****	IPX
M46.28	Region	DX	10		IPS
	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal				Region

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16x. Total Code Counts¹ of Comparator Users and Acute Osteomyelitis in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
M86.9	Osteomyelitis, Unspecified	DX	10	13
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	11
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	11
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****
M86.162	Other Acute Osteomyelitis, Left Tibia And Fibula	DX	10	*****
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10	*****
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****
M86.071	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10	*****
H05.021	Osteomyelitis Of Right Orbit	DX	10	*****
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****
M46.20	Osteomyelitis Of Vertebra, Site Unspecified	DX	10	*****
M86.18	Other Acute Osteomyelitis, Other Site	DX	10	*****
M86.272	Subacute Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.072	Acute Hematogenous Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.062	Acute Hematogenous Osteomyelitis, Left Tibia And Fibula	DX	10	*****
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10	*****
M86.142	Other Acute Osteomyelitis, Left Hand	DX	10	*****
M86.111	Other Acute Osteomyelitis, Right Shoulder	DX	10	*****
M86.179	Other Acute Osteomyelitis, Unspecified Ankle And Foot	DX	10	*****
M86.8X3	Other Osteomyelitis, Forearm	DX	10	*****
M86.8X4	Other Osteomyelitis, Hand	DX	10	*****
M86.8X9	Other Osteomyelitis, Unspecified Sites	DX	10	*****
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	99	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	47	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	42	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	18	IPS
R78.81	Bacteremia	DX	10	17	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	12	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPS
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPP
R78.81	Bacteremia	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A02.1	Salmonella Sepsis	DX	10		IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****	IPX
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPP
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****	IPX
A40.8	Other Streptococcal Sepsis	DX	10	*****	IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPP
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPX

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.59	Other Gram-Negative Sepsis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.81	Sepsis Due To Enterococcus	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10	*****	IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10	*****	IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10	*****	IPX

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16y. Full Code Distribution¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
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¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that

Table 16z. Total Code Counts¹ of Ustekinumab Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A41.9	Sepsis, Unspecified Organism	DX	10	478
R65.21	Severe Sepsis With Septic Shock	DX	10	98
R78.81	Bacteremia	DX	10	88
R65.20	Severe Sepsis Without Septic Shock	DX	10	74
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	27
A41.89	Other Specified Sepsis	DX	10	24
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	18
A41.59	Other Gram-Negative Sepsis	DX	10	17
I33.0	Acute And Subacute Infective Endocarditis	DX	10	11
B37.7	Candidal Sepsis	DX	10	*****
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
A41.81	Sepsis Due To Enterococcus	DX	10	*****
A40.8	Other Streptococcal Sepsis	DX	10	*****
A41.4	Sepsis Due To Anaerobes	DX	10	*****
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
A41.53	Sepsis Due To Serratia	DX	10	*****
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****
A02.1	Salmonella Sepsis	DX	10	*****
A41.52	Sepsis Due To Pseudomonas	DX	10	*****
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10	*****
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	242	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	171	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	109	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	48	IPS
R78.81	Bacteremia	DX	10	38	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	33	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	27	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	22	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	22	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	21	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	21	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	21	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	20	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	15	IPS
R78.81	Bacteremia	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	14	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	14	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	13	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A02.1	Salmonella Sepsis	DX	10		IPP
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****	IPS
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A02.1	Salmonella Sepsis	DX	10	*****	IPP
B37.7	Candidal Sepsis	DX	10	*****	IPX
B37.7	Candidal Sepsis	DX	10		IPP
B37.7	Candidal Sepsis	DX	10	*****	IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
B37.7	Candidal Sepsis	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
B37.7	Candidal Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPP
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPX

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPS
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPS
I76	Septic Arterial Embolism	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10		IPX
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPP
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A40.8	Other Streptococcal Sepsis	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPP
R78.81	Bacteremia	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPP
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A02.1	Salmonella Sepsis	DX	10		IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****	IPX
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPP
A40.8	Other Streptococcal Sepsis	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
A40.8	Other Streptococcal Sepsis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A40.8	Other Streptococcal Sepsis	DX	10		IPX

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A02.1	Salmonella Sepsis	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS

Table 16aa. Full Code Distribution¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10	*****	IPX
A41.81	Sepsis Due To Enterococcus	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.89	Other Specified Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPX

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16ab. Total Code Counts¹ of Comparator Users and Bacteremia in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A41.9	Sepsis, Unspecified Organism	DX	10	1,388
R65.21	Severe Sepsis With Septic Shock	DX	10	291
R65.20	Severe Sepsis Without Septic Shock	DX	10	218
R78.81	Bacteremia	DX	10	196
A41.89	Other Specified Sepsis	DX	10	80
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	59
A41.59	Other Gram-Negative Sepsis	DX	10	35
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	32
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	21
B37.7	Candidal Sepsis	DX	10	17
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	17
I33.0	Acute And Subacute Infective Endocarditis	DX	10	16
A41.4	Sepsis Due To Anaerobes	DX	10	14
A41.81	Sepsis Due To Enterococcus	DX	10	14
A41.52	Sepsis Due To Pseudomonas	DX	10	13
A40.8	Other Streptococcal Sepsis	DX	10	12
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
A02.1	Salmonella Sepsis	DX	10	*****
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10	*****
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****
A41.53	Sepsis Due To Serratia	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	40	IPX
K61.1	Rectal Abscess	DX	10	20	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	13	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K61.1	Rectal Abscess	DX	10	11	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	11	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPX
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L02.02	Furuncle Of Face	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPX
A48.0	Gas Gangrene	DX	10		IPS
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****	IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****	IPP
J85.0	Gangrene And Necrosis Of Lung	DX	10		IPX
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPP
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
A46	Erysipelas	DX	10		IPS
L01.01	Non-Bullous Impetigo	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L01.03	Bullous Impetigo	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPP
L03.211	Cellulitis Of Face	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.314	Cellulitis Of Groin	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****	IPS
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPS
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****	IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPX

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.316	Cellulitis Of Umbilicus	DX	10		IPX
L03.316	Cellulitis Of Umbilicus	DX	10		IPP
L02.216	Cutaneous Abscess Of Umbilicus	DX	10		IPX
L02.222	Furuncle Of Back [any Part, Except Buttock]	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPP
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L02.223	Furuncle Of Chest Wall	DX	10		IPS
L02.229	Furuncle Of Trunk, Unspecified	DX	10	*****	IPX
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
A31.1	Cutaneous Mycobacterial Infection	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPP

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPX
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPS
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPP
N61.1	Abscess Of The Breast And Nipple	DX	10		IPX
N61.1	Abscess Of The Breast And Nipple	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPS
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.039	Cellulitis Of Unspecified Toe	DX	10		IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPX

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.112	Cellulitis Of Left Axilla	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.213	Periorbital Cellulitis	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPS
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS

Table 16ac. Full Code Distribution¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPP
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPP
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPS
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPX
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
H60.12	Cellulitis Of Left External Ear	DX	10	*****	IPP
H60.12	Cellulitis Of Left External Ear	DX	10		IPX

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16ad. Total Code Counts¹ of Ustekinumab Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	114
K61.1	Rectal Abscess	DX	10	81
L03.115	Cellulitis Of Right Lower Limb	DX	10	53
K61.0	Anal Abscess	DX	10	51
L03.116	Cellulitis Of Left Lower Limb	DX	10	45
L03.311	Cellulitis Of Abdominal Wall	DX	10	33
L03.90	Cellulitis, Unspecified	DX	10	23
L02.91	Cutaneous Abscess, Unspecified	DX	10	23
L02.31	Cutaneous Abscess Of Buttock	DX	10	21
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	21
L03.114	Cellulitis Of Left Upper Limb	DX	10	19
L02.215	Cutaneous Abscess Of Perineum	DX	10	16
L03.113	Cellulitis Of Right Upper Limb	DX	10	14
K61.2	Anorectal Abscess	DX	10	12
L03.211	Cellulitis Of Face	DX	10	11
I96	Gangrene, Not Elsewhere Classified	DX	10	*****
L03.317	Cellulitis Of Buttock	DX	10	*****
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****
L03.313	Cellulitis Of Chest Wall	DX	10	*****
L03.315	Cellulitis Of Perineum	DX	10	*****
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****
L02.214	Cutaneous Abscess Of Groin	DX	10	*****
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****
N61.1	Abscess Of The Breast And Nipple	DX	10	*****
L03.818	Cellulitis Of Other Sites	DX	10	*****
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****
M72.6	Necrotizing Fasciitis	DX	10	*****
L03.031	Cellulitis Of Right Toe	DX	10	*****
L05.01	Pilonidal Cyst With Abscess	DX	10	*****
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****
L03.012	Cellulitis Of Left Finger	DX	10	*****
L03.032	Cellulitis Of Left Toe	DX	10	*****
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****
L02.01	Cutaneous Abscess Of Face	DX	10	*****
L02.512	Cutaneous Abscess Of Left Hand	DX	10	*****
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****
K61.3	Ischiorectal Abscess	DX	10	*****
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10	*****
L03.314	Cellulitis Of Groin	DX	10	*****
H60.12	Cellulitis Of Left External Ear	DX	10	*****
L03.221	Cellulitis Of Neck	DX	10	*****
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****
L03.316	Cellulitis Of Umbilicus	DX	10	*****
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10	*****
L02.612	Cutaneous Abscess Of Left Foot	DX	10	*****

L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****
L03.213	Periorbital Cellulitis	DX	10	*****
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10	*****
L01.03	Bullous Impetigo	DX	10	*****
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****
L03.112	Cellulitis Of Left Axilla	DX	10	*****
L03.011	Cellulitis Of Right Finger	DX	10	*****
L03.039	Cellulitis Of Unspecified Toe	DX	10	*****
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10	*****
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10	*****
A31.1	Cutaneous Mycobacterial Infection	DX	10	*****
A46	Erysipelas	DX	10	*****
L02.222	Furuncle Of Back [any Part, Except Buttock]	DX	10	*****
L02.223	Furuncle Of Chest Wall	DX	10	*****
L02.02	Furuncle Of Face	DX	10	*****
L02.229	Furuncle Of Trunk, Unspecified	DX	10	*****
A48.0	Gas Gangrene	DX	10	*****
L01.01	Non-Bullous Impetigo	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	73	IPX
K61.1	Rectal Abscess	DX	10	41	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	28	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	25	IPX
K61.1	Rectal Abscess	DX	10	20	IPX
K61.1	Rectal Abscess	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	19	IPX
K61.1	Rectal Abscess	DX	10	17	IPS
K61.0	Anal Abscess	DX	10	16	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	15	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	14	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	14	IPX
K61.0	Anal Abscess	DX	10	13	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	12	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	11	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	11	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K61.0	Anal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
L02.11	Cutaneous Abscess Of Neck	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10	*****	IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****	IPX
L03.032	Cellulitis Of Left Toe	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.213	Periorbital Cellulitis	DX	10		IPP
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPP
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****	IPX
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10		IPP
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
H60.12	Cellulitis Of Left External Ear	DX	10	*****	IPX
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPX
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral Legs	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPP
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral Legs	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPP
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10		IPX
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPX
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A48.0	Gas Gangrene	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.111	Cellulitis Of Right Axilla	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPP
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPX
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10		IPX
L03.213	Periorbital Cellulitis	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
J34.0	Abscess, Furuncle And Carbuncle Of Nose	DX	10		IPX
J34.0	Abscess, Furuncle And Carbuncle Of Nose	DX	10		IPP
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.11	Cutaneous Abscess Of Neck	DX	10		IPX
L02.11	Cutaneous Abscess Of Neck	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPX
L03.221	Cellulitis Of Neck	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPS
L02.11	Cutaneous Abscess Of Neck	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPP
L03.211	Cellulitis Of Face	DX	10		IPS
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPS
K61.0	Anal Abscess	DX	10	*****	IPP
K61.0	Anal Abscess	DX	10	*****	IPP
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.315	Cellulitis Of Perineum	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPP
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.3	Ischiorectal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPP
L03.315	Cellulitis Of Perineum	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.1	Rectal Abscess	DX	10	*****	IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.3	Ischiorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPS
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
A46	Erysipelas	DX	10		IPX
A46	Erysipelas	DX	10		IPS
L01.00	Impetigo, Unspecified	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPS
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L03.213	Periorbital Cellulitis	DX	10	*****	IPP
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10	*****	IPX
H05.011	Cellulitis Of Right Orbit	DX	10		IPX
H05.011	Cellulitis Of Right Orbit	DX	10		IPP
A48.0	Gas Gangrene	DX	10	*****	IPS
A48.0	Gas Gangrene	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.11	Cutaneous Abscess Of Neck	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
A48.0	Gas Gangrene	DX	10		IPX

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPS
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10		IPX
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.216	Cutaneous Abscess Of Umbilicus	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
N73.2	Covid-19, Virus Identified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****	IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.111	Cellulitis Of Right Axilla	DX	10		IPP
L03.111	Cellulitis Of Right Axilla	DX	10		IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.224	Furuncle Of Groin	DX	10	*****	IPS
L02.231	Carbuncle Of Abdominal Wall	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPX
L05.02	Pilonidal Sinus With Abscess	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.32	Furuncle Of Buttock	DX	10	*****	IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPX
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPS
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPP
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPX

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.112	Cellulitis Of Left Axilla	DX	10		IPX
L03.112	Cellulitis Of Left Axilla	DX	10		IPS
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPP
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPX
L02.412	Cutaneous Abscess Of Left Axilla	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPP
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10	*****	IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPP
L03.019	Cellulitis Of Unspecified Finger	DX	10	*****	IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPP
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.422	Furuncle Of Left Axilla	DX	10	*****	IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****	IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPS
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPS
L02.521	Furuncle Right Hand	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L02.621	Furuncle Of Right Foot	DX	10	*****	IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10		IPX
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPS
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPP
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****	IPS
L03.213	Periorbital Cellulitis	DX	10		IPX
L03.213	Periorbital Cellulitis	DX	10		IPP
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPS
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPP
H00.039	Abscess Of Eyelid Unspecified Eye, Unspecified Eyelid	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.92	Furuncle, Unspecified	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPP
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.011	Cellulitis Of Right Finger	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.019	Cellulitis Of Unspecified Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPP
L03.012	Cellulitis Of Left Finger	DX	10	*****	IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.019	Cellulitis Of Unspecified Finger	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPS
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.032	Cellulitis Of Left Toe	DX	10	*****	IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPP
L03.032	Cellulitis Of Left Toe	DX	10	*****	IPX
H05.011	Cellulitis Of Right Orbit	DX	10	*****	IPX
H05.011	Cellulitis Of Right Orbit	DX	10		IPS
L03.039	Cellulitis Of Unspecified Toe	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.314	Cellulitis Of Groin	DX	10	*****	IPX
L03.314	Cellulitis Of Groin	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPS
L03.213	Periorbital Cellulitis	DX	10	*****	IPS
H05.012	Cellulitis Of Left Orbit	DX	10		IPP
H05.012	Cellulitis Of Left Orbit	DX	10		IPX

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.211	Cellulitis Of Face	DX	10	*****	IPP
L03.221	Cellulitis Of Neck	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPX
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPP
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
L03.314	Cellulitis Of Groin	DX	10	*****	IPP
L03.314	Cellulitis Of Groin	DX	10	*****	IPX
L03.314	Cellulitis Of Groin	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.314	Cellulitis Of Groin	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPP
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.316	Cellulitis Of Umbilicus	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPP

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPP
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPS
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPS
L05.92	Pilonidal Sinus Without Abscess	DX	10	*****	IPX
L05.91	Pilonidal Cyst Without Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPS
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10		IPP
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS

Table 16ae. Full Code Distribution¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPX
N61.1	Abscess Of The Breast And Nipple	DX	10		IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
N73.2	Covid-19, Virus Identified	DX	10	*****	IPS

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16af. Total Code Counts¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	208
K61.1	Rectal Abscess	DX	10	176
L03.115	Cellulitis Of Right Lower Limb	DX	10	161
L03.116	Cellulitis Of Left Lower Limb	DX	10	148
K61.0	Anal Abscess	DX	10	94
L03.311	Cellulitis Of Abdominal Wall	DX	10	81
L03.90	Cellulitis, Unspecified	DX	10	69
L02.91	Cutaneous Abscess, Unspecified	DX	10	57
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	49
K61.2	Anorectal Abscess	DX	10	41
L03.114	Cellulitis Of Left Upper Limb	DX	10	41
L03.113	Cellulitis Of Right Upper Limb	DX	10	40
L02.31	Cutaneous Abscess Of Buttock	DX	10	38
L03.211	Cellulitis Of Face	DX	10	33
L02.215	Cutaneous Abscess Of Perineum	DX	10	32
L03.317	Cellulitis Of Buttock	DX	10	30
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	30
I96	Gangrene, Not Elsewhere Classified	DX	10	29
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	18
L03.313	Cellulitis Of Chest Wall	DX	10	13
L03.031	Cellulitis Of Right Toe	DX	10	13
L03.315	Cellulitis Of Perineum	DX	10	12
L03.011	Cellulitis Of Right Finger	DX	10	12
L02.611	Cutaneous Abscess Of Right Foot	DX	10	12
L02.511	Cutaneous Abscess Of Right Hand	DX	10	12
K12.2	Cellulitis And Abscess Of Mouth	DX	10	11
L03.314	Cellulitis Of Groin	DX	10	11
L03.213	Periorbital Cellulitis	DX	10	11
L02.214	Cutaneous Abscess Of Groin	DX	10	*****
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10	*****
L03.012	Cellulitis Of Left Finger	DX	10	*****
L03.818	Cellulitis Of Other Sites	DX	10	*****
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10	*****
L02.01	Cutaneous Abscess Of Face	DX	10	*****
L02.11	Cutaneous Abscess Of Neck	DX	10	*****
L03.032	Cellulitis Of Left Toe	DX	10	*****
L03.221	Cellulitis Of Neck	DX	10	*****
K61.3	Ischiorectal Abscess	DX	10	*****
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****
L02.612	Cutaneous Abscess Of Left Foot	DX	10	*****
L02.512	Cutaneous Abscess Of Left Hand	DX	10	*****
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****
M72.6	Necrotizing Fasciitis	DX	10	*****

Table 16af. Total Code Counts¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
N61.1	Abscess Of The Breast And Nipple	DX	10	*****
H05.011	Cellulitis Of Right Orbit	DX	10	*****
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****
L02.412	Cutaneous Abscess Of Left Axilla	DX	10	*****
A48.0	Gas Gangrene	DX	10	*****
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10	*****
L03.111	Cellulitis Of Right Axilla	DX	10	*****
L03.019	Cellulitis Of Unspecified Finger	DX	10	*****
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10	*****
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10	*****
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****
J34.0	Abscess, Furuncle And Carbuncle Of Nose	DX	10	*****
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral Legs	DX	10	*****
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10	*****
L03.112	Cellulitis Of Left Axilla	DX	10	*****
H60.12	Cellulitis Of Left External Ear	DX	10	*****
H05.012	Cellulitis Of Left Orbit	DX	10	*****
N73.2	Covid-19, Virus Identified	DX	10	*****
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10	*****
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10	*****
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10	*****
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****
A46	Erysipelas	DX	10	*****
L05.01	Pilonidal Cyst With Abscess	DX	10	*****
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****
H00.039	Abscess Of Eyelid Unspecified Eye, Unspecified Eyelid	DX	10	*****
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10	*****
L02.231	Carbuncle Of Abdominal Wall	DX	10	*****
L03.316	Cellulitis Of Umbilicus	DX	10	*****
L03.039	Cellulitis Of Unspecified Toe	DX	10	*****
L02.32	Furuncle Of Buttock	DX	10	*****
L02.224	Furuncle Of Groin	DX	10	*****
L02.422	Furuncle Of Left Axilla	DX	10	*****
L02.621	Furuncle Of Right Foot	DX	10	*****
L02.521	Furuncle Right Hand	DX	10	*****
L02.92	Furuncle, Unspecified	DX	10	*****

Table 16af. Total Code Counts¹ of Comparator Users and Skin or Soft Tissue Infection in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
L01.00	Impetigo, Unspecified	DX	10	*****
L05.02	Pilonidal Sinus With Abscess	DX	10	*****
L05.92	Pilonidal Sinus Without Abscess	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16ag. Full Code Distribution¹ of Ustekinumab Users and COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
U07.1	COVID-19	DX	10	61	IPP

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16ah. Total Code Counts¹ of Ustekinumab Users and COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
U07.1	COVID-19	DX	10	61

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16ai. Full Code Distribution¹ of Comparator Users and COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
U07.1	COVID-19	DX	10	173	IPP

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16aj. Total Code Counts¹ of Comparator Users and COVID-19 in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
U07.1	COVID-19	DX	10	173

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	48	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	32	IPX
K65.1	Peritoneal Abscess	DX	10	21	IPX
K65.1	Peritoneal Abscess	DX	10	19	IPS
K61.1	Rectal Abscess	DX	10	16	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	15	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	13	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPP
K81.0	Acute Cholecystitis	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPP
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPS
K57.92	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPP
K57.32	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.40	Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess	DX	10		IPS
K57.20	Without Bleeding	DX	10		IPX
K57.00	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
A41.9	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding				
A41.9	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
K57.32	Without Bleeding	DX	10		IPS
J18.9	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
A41.9	Pneumonia, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism				

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.80	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPX
K57.20	Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
L03.319	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPS
K57.32	Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
A41.89	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Other Specified Sepsis	DX	10		IPP
A41.50	Sepsis Due To Enterococcus	DX	10		IPS
	Gram-Negative Sepsis, Unspecified				
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPP
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPS
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess	DX	10		IPX
A41.9	Without Bleeding	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPS
	Without Bleeding				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPS
A41.9	Without Bleeding	DX	10		IPP
	Sepsis, Unspecified Organism				

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPS
J18.9	Without Bleeding	DX	10		IPX
	Pneumonia, Unspecified Organism				
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
	Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.20	Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.93	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess With	DX	10	*****	IPX
K57.93	Bleeding	DX	10		IPP
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess With				
	Bleeding				
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
D73.3	Abscess Of Spleen	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K37	Unspecified Appendicitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
L02.229	Furuncle Of Trunk, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPS
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPP
K75.0	Abscess Of Liver	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
K81.9	Cholecystitis, Unspecified	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.01	Idiopathic Acute Pancreatitis With Uninfected Necrosis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.32	Drug Induced Acute Pancreatitis With Infected Necrosis	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
A31.1	Cutaneous Mycobacterial Infection	DX	10		IPS
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L02.02	Furuncle Of Face	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPX
A48.0	Gas Gangrene	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
H60.12	Cellulitis Of Left External Ear	DX	10	*****	IPP
H60.12	Cellulitis Of Left External Ear	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPX
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene. Left Leg	DX	10		IPS
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****	IPP
J85.0	Gangrene And Necrosis Of Lung	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J85.0	Gangrene And Necrosis Of Lung	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L01.01	Non-Bullous Impetigo	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L01.03	Bullous Impetigo	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.314	Cellulitis Of Groin	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPS
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.316	Cellulitis Of Umbilicus	DX	10		IPX
L03.316	Cellulitis Of Umbilicus	DX	10		IPP
L02.216	Cutaneous Abscess Of Umbilicus	DX	10		IPX
L02.222	Furuncle Of Back [any Part, Except Buttock]	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPP
L02.223	Furuncle Of Chest Wall	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPX
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPX
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
G03.9	Meningitis, Unspecified	DX	10		IPS
G03.9	Meningitis, Unspecified	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
G03.9	Meningitis, Unspecified	DX	10	*****	IPX
B00.3	Herpesviral Meningitis	DX	10		IPP
B00.3	Herpesviral Meningitis	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPX
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPX
N61.1	Abscess Of The Breast And Nipple	DX	10		IPS
N61.1	Abscess Of The Breast And Nipple	DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPS
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
L03.031	Cellulitis Of Right Toe	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.039	Cellulitis Of Unspecified Toe	DX	10		IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.112	Cellulitis Of Left Axilla	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
M86.161	Other Acute Osteomyelitis, Right Tibia And Fibula	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.213	Periorbital Cellulitis	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPP
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPP
L05.01	Pilonidal Cyst With Abscess	DX	10		IPX
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.8X8	Other Osteomyelitis, Other Site	DX	10		IPX
M86.8X1	Other Osteomyelitis, Shoulder	DX	10		IPS
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10		IPX
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10		IPX
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10		IPS
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10		IPP
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****	IPP
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A02.1	Salmonella Sepsis	DX	10		IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****	IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPX
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****	IPX
B00.3	Herpesviral Meningitis	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPS
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPS
B00.3	Herpesviral Meningitis	DX	10		IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J85.1	Abscess Of Lung With Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.5	Pneumonia Due To Escherichia Coli	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10	*****	IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
A41.81	Sepsis Due To Enterococcus	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A48.1	Legionnaires' Disease	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J10.00	Influenza Due To Other Identified	DX	10		IPS
A41.9	Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K36	Other Appendicitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
J15.9	Infectious Organisms	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
B59	Unspecified Bacterial Pneumonia	DX	10		IPX
B59	Pneumocystosis	DX	10		IPS
A41.9	Pneumocystosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPS
	Sepsis, Unspecified Organism				

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPX
J18.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
A43.0	Pulmonary Nocardiosis	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
B59	Pneumocystosis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10		IPX
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPP
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPP
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****	IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX

Table 16ak. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPP
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****	IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS
K36	Other Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPP
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16a. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A41.9	Sepsis, Unspecified Organism	DX	10	401
J18.9	Pneumonia, Unspecified Organism	DX	10	207
K65.1	Peritoneal Abscess	DX	10	163
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	91
R65.21	Severe Sepsis With Septic Shock	DX	10	81
R78.81	Bacteremia	DX	10	75
K61.1	Rectal Abscess	DX	10	73
R65.20	Severe Sepsis Without Septic Shock	DX	10	67
L03.115	Cellulitis Of Right Lower Limb	DX	10	51
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	47
K61.0	Anal Abscess	DX	10	47
L03.116	Cellulitis Of Left Lower Limb	DX	10	42
N10	Acute Pyelonephritis	DX	10	34
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	31
L03.311	Cellulitis Of Abdominal Wall	DX	10	30
J12.89	Other Viral Pneumonia	DX	10	29
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	28
K63.0	Abscess Of Intestine	DX	10	27
K81.0	Acute Cholecystitis	DX	10	25
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	24
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	22
L02.31	Cutaneous Abscess Of Buttock	DX	10	21
L03.90	Cellulitis, Unspecified	DX	10	19
L03.114	Cellulitis Of Left Upper Limb	DX	10	18
L02.91	Cutaneous Abscess, Unspecified	DX	10	17
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	17
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	17
M86.9	Osteomyelitis, Unspecified	DX	10	17
A41.89	Other Specified Sepsis	DX	10	17
L03.113	Cellulitis Of Right Upper Limb	DX	10	14
K65.8	Other Peritonitis	DX	10	14
L02.215	Cutaneous Abscess Of Perineum	DX	10	13
K65.9	Peritonitis, Unspecified	DX	10	13
K75.0	Abscess Of Liver	DX	10	11
I33.0	Acute And Subacute Infective Endocarditis	DX	10	11
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	11
L03.211	Cellulitis Of Face	DX	10	11
K81.9	Cholecystitis, Unspecified	DX	10	11
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	11
A41.59	Other Gram-Negative Sepsis	DX	10	11
K35.80	Unspecified Acute Appendicitis	DX	10	11
J15.9	Unspecified Bacterial Pneumonia	DX	10	11
B37.7	Candidal Sepsis	DX	10	*****
K61.2	Anorectal Abscess	DX	10	*****

Table 16a. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
I96	Gangrene, Not Elsewhere Classified	DX	10	*****
L03.317	Cellulitis Of Buttock	DX	10	*****
K65.0	Generalized (Acute) Peritonitis	DX	10	*****
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K68.19	Other Retroperitoneal Abscess	DX	10	*****
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****
L03.313	Cellulitis Of Chest Wall	DX	10	*****
L02.214	Cutaneous Abscess Of Groin	DX	10	*****
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****
J12.9	Viral Pneumonia, Unspecified	DX	10	*****
N61.1	Abscess Of The Breast And Nipple	DX	10	*****
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****
L03.818	Cellulitis Of Other Sites	DX	10	*****
L03.315	Cellulitis Of Perineum	DX	10	*****
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****
A41.81	Sepsis Due To Enterococcus	DX	10	*****
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****
L03.031	Cellulitis Of Right Toe	DX	10	*****
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****
B00.3	Herpesviral Meningitis	DX	10	*****
M72.6	Necrotizing Fasciitis	DX	10	*****
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****
A40.8	Other Streptococcal Sepsis	DX	10	*****
L05.01	Pilonidal Cyst With Abscess	DX	10	*****
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
A41.4	Sepsis Due To Anaerobes	DX	10	*****
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
L03.012	Cellulitis Of Left Finger	DX	10	*****
L03.032	Cellulitis Of Left Toe	DX	10	*****
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****
L02.01	Cutaneous Abscess Of Face	DX	10	*****
L02.512	Cutaneous Abscess Of Left Hand	DX	10	*****
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****

Table 16a. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
J12.3	Human Metapneumovirus Pneumonia	DX	10	*****
K61.3	Ischiorectal Abscess	DX	10	*****
G03.9	Meningitis, Unspecified	DX	10	*****
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****
B59	Pneumocystosis	DX	10	*****
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****
A41.53	Sepsis Due To Serratia	DX	10	*****
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****
K37	Unspecified Appendicitis	DX	10	*****
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10	*****
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****
L03.314	Cellulitis Of Groin	DX	10	*****
H60.12	Cellulitis Of Left External Ear	DX	10	*****
L03.221	Cellulitis Of Neck	DX	10	*****
L03.316	Cellulitis Of Umbilicus	DX	10	*****
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10	*****
L02.612	Cutaneous Abscess Of Left Foot	DX	10	*****
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.93	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess With Bleeding	DX	10	*****
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10	*****
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K36	Other Appendicitis	DX	10	*****
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****
L03.213	Periorbital Cellulitis	DX	10	*****
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****

Table 16a. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
D73.3	Abscess Of Spleen	DX	10	*****
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10	*****
L01.03	Bullous Impetigo	DX	10	*****
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****
L03.112	Cellulitis Of Left Axilla	DX	10	*****
L03.011	Cellulitis Of Right Finger	DX	10	*****
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****
L03.039	Cellulitis Of Unspecified Toe	DX	10	*****
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10	*****
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10	*****
A31.1	Cutaneous Mycobacterial Infection	DX	10	*****
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	*****
K85.32	Drug Induced Acute Pancreatitis With Infected Necrosis	DX	10	*****
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
L02.222	Furuncle Of Back [any Part, Except Buttock]	DX	10	*****
L02.223	Furuncle Of Chest Wall	DX	10	*****
L02.02	Furuncle Of Face	DX	10	*****
L02.229	Furuncle Of Trunk, Unspecified	DX	10	*****
A48.0	Gas Gangrene	DX	10	*****
K85.01	Idiopathic Acute Pancreatitis With Uninfected Necrosis	DX	10	*****
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10	*****
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
A48.1	Legionnaires' Disease	DX	10	*****
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****
L01.01	Non-Bullous Impetigo	DX	10	*****
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****
M86.161	Other Acute Osteomyelitis, Right Tibia And Fibula	DX	10	*****
M86.10	Other Acute Osteomyelitis, Unspecified Site	DX	10	*****
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****
M86.8X1	Other Osteomyelitis, Shoulder	DX	10	*****
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****
A43.0	Pulmonary Nocardiosis	DX	10	*****
A02.1	Salmonella Sepsis	DX	10	*****

Table 16a. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A41.52	Sepsis Due To Pseudomonas	DX	10	*****
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10	*****
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	133	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	107	IPX
K65.1	Peritoneal Abscess	DX	10	74	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	57	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	42	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	38	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	36	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	35	IPP
K65.1	Peritoneal Abscess	DX	10	32	IPS
K65.1	Peritoneal Abscess	DX	10	30	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
R78.81	Bacteremia	DX	10	29	IPX
K61.1	Rectal Abscess	DX	10	28	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	28	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	27	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	26	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	24	IPX
N10	Acute Pyelonephritis	DX	10	18	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	17	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	16	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	14	IPX
K63.0	Abscess Of Intestine	DX	10	14	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	14	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
K61.1	Rectal Abscess	DX	10	13	IPX
K61.1	Rectal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	13	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	12	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K61.0	Anal Abscess	DX	10	12	IPX
K61.0	Anal Abscess	DX	10	11	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	11	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10	11	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L03.90	Cellulitis, Unspecified		DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
R78.81	Bacteremia		DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism		DX	10	*****	IPP
J12.89	Other Viral Pneumonia		DX	10	*****	IPS
J12.89	Other Viral Pneumonia		DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia		DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding		DX	10	*****	IPS
K65.1	Peritoneal Abscess		DX	10	*****	IPP
K65.1	Peritoneal Abscess		DX	10		IPX
K61.1	Rectal Abscess		DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb		DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock		DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
J18.9	Pneumonia, Unspecified Organism		DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
J12.89	Other Viral Pneumonia		DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism		DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism		DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding		DX	10	*****	IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding		DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding		DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall		DX	10	*****	IPX
K65.1	Peritoneal Abscess		DX	10		IPX
K65.8	Other Peritonitis		DX	10	*****	IPX
K81.0	Acute Cholecystitis		DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified		DX	10	*****	IPS
K61.1	Rectal Abscess		DX	10	*****	IPX
K61.1	Rectal Abscess		DX	10		IPP
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
J18.9	Pneumonia, Unspecified Organism		DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock		DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
N10	Acute Pyelonephritis		DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
R78.81	Bacteremia		DX	10	*****	IPX
R78.81	Bacteremia		DX	10		IPS
K65.9	Peritonitis, Unspecified		DX	10	*****	IPX
K61.2	Anorectal Abscess		DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified		DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
J18.9	Pneumonia, Unspecified Organism		DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess		DX	10	*****	IPX
K57.32	Without Bleeding		DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding					
K65.1	Peritoneal Abscess		DX	10	*****	IPX
K63.0	Abscess Of Intestine		DX	10		IPX
K65.1	Peritoneal Abscess		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPS
L03.211	Cellulitis Of Face		DX	10	*****	IPP
L03.211	Cellulitis Of Face		DX	10		IPX
J18.9	Pneumonia, Unspecified Organism		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia		DX	10	*****	IPX
N10	Acute Pyelonephritis		DX	10	*****	IPX
N10	Acute Pyelonephritis		DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess		DX	10	*****	IPX
K57.32	Without Bleeding		DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding		DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess		DX	10	*****	IPX
K57.32	Without Bleeding		DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding					
L02.211	Cutaneous Abscess Of Abdominal Wall		DX	10	*****	IPS
K65.1	Peritoneal Abscess		DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall		DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall		DX	10		IPS
K65.1	Peritoneal Abscess		DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS	
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX	
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS	
G03.9	Meningitis, Unspecified	DX	10	*****	IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS	
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX	
A41.89	Other Specified Sepsis	DX	10	*****	IPP	
A41.89	Other Specified Sepsis	DX	10	*****	IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R78.81	Bacteremia	DX	10	*****	IPX	
R78.81	Bacteremia	DX	10		IPP	
J12.89	Other Viral Pneumonia	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****	IPX
K36	Other Appendicitis	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPS
K65.9	Peritonitis, Unspecified		DX	10		IPS
K65.8	Other Peritonitis		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPS
K65.9	Peritonitis, Unspecified		DX	10	*****	IPX
K65.9	Peritonitis, Unspecified		DX	10		IPS
K68.19	Other Retroperitoneal Abscess		DX	10	*****	IPS
K81.0	Acute Cholecystitis		DX	10	*****	IPS
K81.0	Acute Cholecystitis		DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified		DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified		DX	10		IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection		DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified		DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection		DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection		DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified		DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection		DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection		DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified		DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified		DX	10		IPP
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection		DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified		DX	10	*****	IPP
H60.12	Cellulitis Of Left External Ear		DX	10	*****	IPX
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg		DX	10	*****	IPX
K61.0	Anal Abscess		DX	10	*****	IPX
K61.0	Anal Abscess		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
K61.1	Rectal Abscess		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
K61.2	Anorectal Abscess		DX	10	*****	IPS
K61.1	Rectal Abscess		DX	10		IPX
L02.11	Cutaneous Abscess Of Neck		DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall		DX	10	*****	IPP
L03.311	Cellulitis Of Abdominal Wall		DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall		DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall		DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum		DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum		DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum		DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock		DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock		DX	10		IPP
L03.032	Cellulitis Of Left Toe		DX	10	*****	IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX	
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP	
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS	
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS	
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP	
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS	
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
L03.213	Periorbital Cellulitis	DX	10	*****	IPX	
L03.213	Periorbital Cellulitis	DX	10		IPP	
L03.213	Periorbital Cellulitis	DX	10	*****	IPX	
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX	
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS	
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****	IPX	
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10		IPP	
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
M86.8X	Other Osteomyelitis, Lower Leg	DX	10	*****	IPS	
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX	
R78.81	Bacteremia	DX	10	*****	IPX	
A02.1	Salmonella Sepsis	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX	
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP	
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPS	
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX	
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPP
A41.89	Other Specified Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****	IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****	IPS
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J12.89	Other Viral Pneumonia	DX	10		IPX	
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
N10	Acute Pyelonephritis	DX	10	*****	IPP	
N10	Acute Pyelonephritis	DX	10	*****	IPS	
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPS	
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX	
K37	Unspecified Appendicitis	DX	10	*****	IPX	
K38.9	Disease Of Appendix, Unspecified	DX	10	*****	IPX	
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.80	Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.21	Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding	DX	10		IPS
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	*****	IPP
K57.32	Bleeding	DX	10		IPX
K57.21	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
	Sepsis, Unspecified Organism				
K57.21	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPP
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.33	Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPS
K57.32	Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
K57.80	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPX
K57.20	Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPX
K57.32	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.00	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10	*****	IPX
K57.32	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPP
K57.92	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Without Bleeding	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
K57.32	Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
A41.9	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
A41.52	Sepsis, Unspecified Organism	DX	10		IPX
	Sepsis Due To Pseudomonas				
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
K57.32	Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.33	Without Bleeding	DX	10		IPP
L03.311	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPP
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPS
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.33	Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.3	Human Metapneumovirus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.40	Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess	DX	10		IPP
	Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.41	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess With	DX	10	*****	IPX
A41.9	Bleeding	DX	10		IPX
	Sepsis, Unspecified Organism				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.53	Without Bleeding	DX	10		IPS
	Diverticulitis Of Both Small And Large Intestine Without Perforation Or Abscess				
	With Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10		IPP
	Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without	DX	10	*****	IPS
K57.80	Bleeding	DX	10		IPX
	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without				
	Bleeding				

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.80	Bleeding	DX	10		IPS
A41.9	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
A41.59	Bleeding	DX	10		IPX
A41.59	Sepsis, Unspecified Organism	DX	10		IPP
	Other Gram-Negative Sepsis				
	Other Gram-Negative Sepsis				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.80	Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPP
K57.92	Without Bleeding	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
	Without Bleeding				
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess				
	Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPP
K57.92	Without Bleeding	DX	10		IPX
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess				
	Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.92	Without Bleeding	DX	10		IPS
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess				
	Without Bleeding				
K61.0	Anal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPS
K57.92	Without Bleeding	DX	10		IPX
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess				
	Without Bleeding				
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPS
	Without Bleeding				
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
K57.20	Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
K57.20	Without Bleeding	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
R78.81	Bacteremia	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
	Without Bleeding				
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
	Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K35.80	Without Bleeding	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
	Unspecified Acute Appendicitis				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.12	Without Bleeding	DX	10		IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.20	Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.20	Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.20	Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX	
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP	
K63.0	Abscess Of Intestine	DX	10		IPS	
K63.0	Abscess Of Intestine	DX	10	*****	IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
K63.0	Abscess Of Intestine	DX	10	*****	IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R78.81	Bacteremia	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
K65.9	Peritonitis, Unspecified	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPS	
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS	
K63.0	Abscess Of Intestine	DX	10		IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
K65.1	Peritoneal Abscess	DX	10	*****	IPX	
K65.1	Peritoneal Abscess	DX	10		IPS	
K63.0	Abscess Of Intestine	DX	10		IPX	
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX	
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS	
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPS	
K63.0	Abscess Of Intestine	DX	10		IPX	
K61.1	Rectal Abscess	DX	10		IPS	
K61.1	Rectal Abscess	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R78.81	Bacteremia	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPS	
K63.0	Abscess Of Intestine	DX	10		IPX	
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.89	Other Specified Sepsis	DX	10		IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
K65.8	Other Peritonitis	DX	10	*****	IPS	
K65.8	Other Peritonitis	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPX	
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX	
K65.1	Peritoneal Abscess	DX	10		IPX	
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPX	
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
K65.8	Other Peritonitis	DX	10		IPS	
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX	
K68.19	Other Retroperitoneal Abscess	DX	10		IPS	
K68.19	Other Retroperitoneal Abscess	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPP	
K65.1	Peritoneal Abscess	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX	
K65.1	Peritoneal Abscess	DX	10		IPP	
K65.1	Peritoneal Abscess	DX	10		IPX	
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPP	
K65.1	Peritoneal Abscess	DX	10		IPX	
N73.2	Covid-19, Virus Identified	DX	10	*****	IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX	
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS	
K65.1	Peritoneal Abscess	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPP	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K37	Unspecified Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K65.8	Other Peritonitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K37	Unspecified Appendicitis	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX	
K81.0	Acute Cholecystitis	DX	10		IPX	
K75.0	Abscess Of Liver	DX	10		IPX	
K75.0	Abscess Of Liver	DX	10		IPS	
K65.1	Peritoneal Abscess	DX	10		IPS	
K65.1	Peritoneal Abscess	DX	10	*****	IPS	
K61.1	Rectal Abscess	DX	10		IPX	
K61.1	Rectal Abscess	DX	10		IPS	
K65.1	Peritoneal Abscess	DX	10	*****	IPS	
K61.1	Rectal Abscess	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS	
K65.1	Peritoneal Abscess	DX	10		IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPS	
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS	
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
K65.1	Peritoneal Abscess	DX	10		IPS	
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPS	
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
K65.1	Peritoneal Abscess	DX	10		IPS	
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX	
K65.1	Peritoneal Abscess	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
K65.1	Peritoneal Abscess	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS	
K65.1	Peritoneal Abscess	DX	10	*****	IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
K65.1	Peritoneal Abscess	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Encounter	
				Overall Counts	Care Setting
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L02.211	Subcutaneous Tissue, Unspecified	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Cutaneous Abscess Of Abdominal Wall Peritoneal Abscess	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.216	Cutaneous Abscess Of Umbilicus	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And	DX	10	*****	IPX
K65.1	Sacrococcygeal Region Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
D73.3	Abscess Of Spleen	DX	10		IPP
D73.3	Abscess Of Spleen	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
K65.3	Choleperitonitis	DX	10	*****	IPS
K65.3	Choleperitonitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.8	Other Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPS
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K75.0	Abscess Of Liver	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
L02.231	Carbuncle Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
K75.0	Abscess Of Liver	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K75.0	Abscess Of Liver	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX	
K81.0	Acute Cholecystitis	DX	10		IPX	
K81.0	Acute Cholecystitis	DX	10		IPP	
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX	
K81.0	Acute Cholecystitis	DX	10		IPP	
K81.0	Acute Cholecystitis	DX	10		IPX	
K81.0	Acute Cholecystitis	DX	10	*****	IPX	
K81.0	Acute Cholecystitis	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
K81.9	Cholecystitis, Unspecified	DX	10		IPX	
K81.0	Acute Cholecystitis	DX	10		IPX	
K81.0	Acute Cholecystitis	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPS	
K81.0	Acute Cholecystitis	DX	10		IPX	
K35.80	Unspecified Acute Appendicitis	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX	
K81.0	Acute Cholecystitis	DX	10		IPX	
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS	
K81.9	Cholecystitis, Unspecified	DX	10		IPX	
K81.0	Acute Cholecystitis	DX	10		IPX	
R78.81	Bacteremia	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX	
K81.9	Cholecystitis, Unspecified	DX	10		IPX	
K81.0	Acute Cholecystitis	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.81	Sepsis Due To Enterococcus	DX	10		IPX	
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX	
K81.0	Acute Cholecystitis	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX	
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS	
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX	
K81.0	Acute Cholecystitis	DX	10		IPX	
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX	
K85.12	Biliary Acute Pancreatitis With Infected Necrosis	DX	10		IPX	
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10		IPX	
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10		IPP	
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX	
K81.0	Acute Cholecystitis	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K81.0	Acute Cholecystitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K81.2	Acute Cholecystitis With Chronic	DX	10	*****	IPX
A41.9	Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism Sepsis, Unspecified Organism	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.02	Idiopathic Acute Pancreatitis With Infected Necrosis	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K37	Unspecified Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
A46	Erysipelas	DX	10		IPS
A46	Erysipelas	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A48.0	Gas Gangrene	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
M72.6	Necrotizing Fasciitis	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A48.0	Gas Gangrene	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
A48.0	Gas Gangrene	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPP
H00.039	Abscess Of Eyelid Unspecified Eye, Unspecified Eyelid	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10	*****	IPX
H05.011	Cellulitis Of Right Orbit	DX	10		IPX
H05.011	Cellulitis Of Right Orbit	DX	10		IPP
H05.021	Osteomyelitis Of Right Orbit	DX	10	*****	IPX
H05.021	Osteomyelitis Of Right Orbit	DX	10		IPS
H05.011	Cellulitis Of Right Orbit	DX	10		IPS
H05.011	Cellulitis Of Right Orbit	DX	10		IPX
L03.213	Periorbital Cellulitis	DX	10	*****	IPS
H05.012	Cellulitis Of Left Orbit	DX	10		IPX
H05.012	Cellulitis Of Left Orbit	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX	
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral Legs	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
R78.81	Bacteremia	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX	
J14	Pneumonia Due To Hemophilus Influenzae	DX	10		IPX	
I96	Gangrene, Not Elsewhere Classified	DX	10		IPP	
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX	
I76	Septic Arterial Embolism	DX	10		IPX	
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral Legs	DX	10		IPX	
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX	
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.89	Other Specified Sepsis	DX	10		IPX	
A41.01	Sepsis Due To Methicillin Susceptible	DX	10		IPX	
A41.01	Staphylococcus Aureus	DX	10		IPS	
	Sepsis Due To Methicillin Su					
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS	
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX	
I96	Gangrene, Not Elsewhere Classified	DX	10		IPP	
R78.81	Bacteremia	DX	10	*****	IPS	
R78.81	Bacteremia	DX	10		IPX	
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS	
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10		IPX	
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPX	
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX	
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX	
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS	
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.9	Osteomyelitis, Unspecified		DX	10	***** IPS
M86.17	Other Acute Osteomyelitis, Left Ankle And Foot		DX	10	IPX
2	Gangrene, Not Elsewhere Classified		DX	10	IPX
I96	Gangrene, Not Elsewhere Classified		DX	10	IPS
L03.311	Cellulitis Of Abdominal Wall		DX	10	***** IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10	IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10	IPX
L03.111	Cellulitis Of Right Axilla		DX	10	IPS
L02.416	Cutaneous Abscess Of Left Lower Limb		DX	10	IPX
L02.416	Cutaneous Abscess Of Left Lower Limb		DX	10	IPS
L02.411	Cutaneous Abscess Of Right Axilla		DX	10	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall		DX	10	IPS
I96	Gangrene, Not Elsewhere Classified		DX	10	IPS
A41.9	Sepsis, Unspecified Organism		DX	10	IPP
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
L02.416	Cutaneous Abscess Of Left Lower Limb		DX	10	***** IPX
L02.31	Cutaneous Abscess Of Buttock		DX	10	IPX
L02.31	Cutaneous Abscess Of Buttock		DX	10	IPS
L02.215	Cutaneous Abscess Of Perineum		DX	10	IPS
L08.9	Local Infection Of The Skin And		DX	10	***** IPX
L03.011	Subcutaneous Tissue, Unspecified		DX	10	IPP
I96	Cellulitis Of Right Finger		DX	10	IPS
	Gangrene, Not Elsewhere Classified				
L03.113	Cellulitis Of Right Upper Limb		DX	10	***** IPS
I96	Gangrene, Not Elsewhere Classified		DX	10	IPS
L03.115	Cellulitis Of Right Lower Limb		DX	10	***** IPP
L03.115	Cellulitis Of Right Lower Limb		DX	10	IPX
I96	Gangrene, Not Elsewhere Classified		DX	10	IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10	***** IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10	IPS
L03.115	Cellulitis Of Right Lower Limb		DX	10	IPX
I96	Gangrene, Not Elsewhere Classified		DX	10	IPS
L03.311	Cellulitis Of Abdominal Wall		DX	10	***** IPS
I96	Gangrene, Not Elsewhere Classified		DX	10	IPS
M86.9	Osteomyelitis, Unspecified		DX	10	***** IPX
M86.8X	Other Osteomyelitis, Ankle And Foot		DX	10	IPS
7	Subacute Osteomyelitis, Right Ankle And Foot		DX	10	IPX
M86.27	Other Acute Osteomyelitis, Right Ankle And Foot		DX	10	IPX
1	Acute Hematogenous Osteomyelitis, Right Ankle And Foot		DX	10	IPX
M86.17	Cellulitis Of Right Lower Limb		DX	10	IPX
1	Gangrene, Not Elsewhere Classified		DX	10	IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
L03.213	Periorbital Cellulitis	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPX
J34.0	Abscess, Furuncle And Carbuncle Of Nose	DX	10		IPP
J34.0	Abscess, Furuncle And Carbuncle Of Nose	DX	10		IPX
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****	IPS
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of	DX	10		IPS
A40.1	Pneumonia	DX	10		IPP
	Sepsis Due To Streptococcus, Group B				
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.11	Cutaneous Abscess Of Neck	DX	10		IPX
L02.11	Cutaneous Abscess Of Neck	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
L03.221	Cellulitis Of Neck	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPS
L02.11	Cutaneous Abscess Of Neck	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPP
L03.211	Cellulitis Of Face	DX	10		IPS
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPS
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.0	Anal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPP
L03.315	Cellulitis Of Perineum	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPP
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
K61.2	Anorectal Abscess		DX	10	*****	IPP
K61.2	Anorectal Abscess		DX	10		IPX
K61.0	Anal Abscess		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
K61.2	Anorectal Abscess		DX	10	*****	IPX
K61.0	Anal Abscess		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum		DX	10	*****	IPX
K61.3	Ischiorectal Abscess		DX	10		IPX
K61.3	Ischiorectal Abscess		DX	10		IPP
K61.0	Anal Abscess		DX	10		IPX
K61.3	Ischiorectal Abscess		DX	10	*****	IPX
K61.0	Anal Abscess		DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum		DX	10	*****	IPX
K61.0	Anal Abscess		DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock		DX	10	*****	IPX
K61.0	Anal Abscess		DX	10		IPX
L03.90	Cellulitis, Unspecified		DX	10	*****	IPX
K61.0	Anal Abscess		DX	10		IPX
K61.0	Anal Abscess		DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
K61.1	Rectal Abscess		DX	10	*****	IPP
L02.215	Cutaneous Abscess Of Perineum		DX	10	*****	IPS
K61.1	Rectal Abscess		DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum		DX	10	*****	IPX
K61.1	Rectal Abscess		DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock		DX	10	*****	IPX
K61.1	Rectal Abscess		DX	10		IPP
K61.3	Ischiorectal Abscess		DX	10	*****	IPX
K61.1	Rectal Abscess		DX	10		IPX
K61.1	Rectal Abscess		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
L03.315	Cellulitis Of Perineum		DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum		DX	10		IPX
K61.1	Rectal Abscess		DX	10		IPX
K61.1	Rectal Abscess		DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock		DX	10	*****	IPS
K61.1	Rectal Abscess		DX	10		IPS
K61.1	Rectal Abscess		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
L03.90	Cellulitis, Unspecified		DX	10	*****	IPX
K61.1	Rectal Abscess		DX	10		IPS
K61.1	Rectal Abscess		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
K61.1	Rectal Abscess	DX	10	*****	IPX	
K61.1	Rectal Abscess	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS	
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX	
K61.1	Rectal Abscess	DX	10		IPX	
K61.1	Rectal Abscess	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
K61.1	Rectal Abscess	DX	10	*****	IPX	
K61.1	Rectal Abscess	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
K61.1	Rectal Abscess	DX	10		IPS	
K61.1	Rectal Abscess	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
K61.3	Ischiorectal Abscess	DX	10	*****	IPX	
K61.1	Rectal Abscess	DX	10		IPS	
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****	IPS	
K61.1	Rectal Abscess	DX	10		IPS	
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX	
K61.1	Rectal Abscess	DX	10		IPS	
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX	
K61.1	Rectal Abscess	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
M46.28	Osteomyelitis Of Vertebra, Sacral And	DX	10		IPS	
L02.91	Sacrococcygeal Region	DX	10		IPX	
K61.1	Cutaneous Abscess, Unspecified	DX	10		IPS	
A41.9	Rectal Abscess	DX	10		IPP	
	Sepsis, Unspecified Organism					
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS	
L03.317	Cellulitis Of Buttock	DX	10		IPX	
K61.1	Rectal Abscess	DX	10		IPS	
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPX	
L03.317	Cellulitis Of Buttock	DX	10		IPX	
K61.1	Rectal Abscess	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX	
K61.1	Rectal Abscess	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.4	Sepsis Due To Anaerobes	DX	10		IPP	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.1	Rectal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPS
L01.00	Impetigo, Unspecified	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L02.01	Cutaneous Abscess Of Face	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
L03.213	Periorbital Cellulitis	DX	10	*****	IPP
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
M86.8X	Other Osteomyelitis, Ankle And Foot	DX	10		IPX
7	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
B37.7	Candidal Sepsis	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX	
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX	
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS	
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
A41.4	Sepsis Due To Anaerobes	DX	10		IPS	
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
R78.81	Bacteremia	DX	10	*****	IPS	
L03.90	Cellulitis, Unspecified	DX	10		IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX	
K37	Unspecified Appendicitis	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPS	
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10		IPS	
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10		IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****	IPS	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX	
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
L08.9	Local Infection Of The Skin And	DX	10	*****	IPS
L02.211	Subcutaneous Tissue, Unspecified Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****	IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.111	Cellulitis Of Right Axilla	DX	10		IPX
L03.111	Cellulitis Of Right Axilla	DX	10		IPP
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.224	Furuncle Of Groin	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPX
L05.02	Pilonidal Sinus With Abscess	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A40.8	Other Streptococcal Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.32	Furuncle Of Buttock	DX	10	*****	IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPX
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPP
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.112	Cellulitis Of Left Axilla	DX	10		IPS
L03.112	Cellulitis Of Left Axilla	DX	10		IPX
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPP
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPX
L02.412	Cutaneous Abscess Of Left Axilla	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPP
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10	*****	IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10	*****	IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS	
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX	
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPP	
L03.019	Cellulitis Of Unspecified Finger	DX	10	*****	IPX	
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX	
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS	
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX	
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPP	
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS	
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS	
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX	
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS	
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX	
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX	
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS	
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPX	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP	
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP	
G03.9	Meningitis, Unspecified	DX	10	*****	IPP	
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS	
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX	
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX	
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
R78.81	Bacteremia		DX	10	*****	IPX
M86.8X	Other Osteomyelitis, Unspecified Sites		DX	10		IPX
9	Cellulitis Of Unspecified Part Of Limb		DX	10		IPX
L03.119	Cutaneous Abscess Of Limb, Unspecified		DX	10		IPX
L02.419	Cutaneous Abscess Of Left Lower Limb		DX	10		IPS
L02.416	Pneumonia, Unspecified Organism		DX	10		IPX
J18.9	Other Specified Sepsis		DX	10		IPX
A41.89	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus		DX	10		IPP
M86.16	Other Acute Osteomyelitis, Left Tibia And Fibula		DX	10	*****	IPP
2	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
L03.116	Cutaneous Abscess Of Left Foot		DX	10		IPX
L02.612	Cutaneous Abscess Of Left Lower Limb		DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb		DX	10		IPS
L03.90	Cellulitis, Unspecified		DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock		DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10	*****	IPP
L02.416	Cutaneous Abscess Of Left Lower Limb		DX	10		IPX
L02.422	Furuncle Of Left Axilla		DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism		DX	10	*****	IPX
G03.9	Meningitis, Unspecified		DX	10		IPX
G03.9	Meningitis, Unspecified		DX	10		IPS
A42.81	Actinomycotic Meningitis		DX	10		IPX
G03.9	Meningitis, Unspecified		DX	10	*****	IPS
A43.0	Pulmonary Nocardiosis		DX	10		IPP
G03.9	Meningitis, Unspecified		DX	10	*****	IPX
B00.3	Herpesviral Meningitis		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.89	Other Specified Sepsis		DX	10		IPP
L02.511	Cutaneous Abscess Of Right Hand		DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb		DX	10	*****	IPP
L03.011	Cellulitis Of Right Finger		DX	10		IPX
L02.519	Cutaneous Abscess Of Unspecified Hand		DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand		DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand		DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L03.119	Cellulitis Of Unspecified Part Of Limb		DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb		DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb		DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand		DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand		DX	10		IPS
L03.011	Cellulitis Of Right Finger		DX	10	*****	IPS
L02.519	Cutaneous Abscess Of Unspecified Hand		DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand		DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb		DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb		DX	10		IPS
L02.612	Cutaneous Abscess Of Left Foot		DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot		DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb		DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb		DX	10		IPP
L02.511	Cutaneous Abscess Of Right Hand		DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand		DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger		DX	10	*****	IPX
L02.511	Cutaneous Abscess Of Right Hand		DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb		DX	10	*****	IPX
L02.511	Cutaneous Abscess Of Right Hand		DX	10		IPX
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified		DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10		IPX
L03.90	Cellulitis, Unspecified		DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPX
L03.031	Cellulitis Of Right Toe		DX	10		IPX
L03.031	Cellulitis Of Right Toe		DX	10		IPS
L03.012	Cellulitis Of Left Finger		DX	10		IPX
L03.012	Cellulitis Of Left Finger		DX	10		IPS
L02.519	Cutaneous Abscess Of Unspecified Hand		DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.89	Other Specified Sepsis		DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb		DX	10	*****	IPS
L02.512	Cutaneous Abscess Of Left Hand		DX	10		IPS
J18.9	Pneumonia, Unspecified Organism		DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX	
L03.012	Cellulitis Of Left Finger	DX	10		IPX	
L03.012	Cellulitis Of Left Finger	DX	10		IPS	
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP	
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
L03.011	Cellulitis Of Right Finger	DX	10		IPS	
L02.521	Furuncle Right Hand	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.89	Other Specified Sepsis	DX	10		IPP	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP	
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS	
M86.8X	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPS	
7	Cellulitis Of Right Lower Limb	DX	10		IPS	
L03.115	Cutaneous Abscess Of Right Foot	DX	10		IPS	
M86.17	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****	IPX	
1	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPP	
M86.17	Cutaneous Abscess Of Right Foot	DX	10		IPS	
L02.621	Furuncle Of Right Foot	DX	10	*****	IPX	
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX	
L03.031	Cellulitis Of Right Toe	DX	10		IPX	
L03.031	Cellulitis Of Right Toe	DX	10		IPS	
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX	
M86.17	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****	IPX	
1	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPP	
M86.17	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX	
1	Cellulitis Of Right Lower Limb	DX	10		IPX	
L08.9	Cellulitis Of Right Lower Limb	DX	10		IPS	
L03.115	Cutaneous Abscess Of Right Foot	DX	10		IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10		IPX
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPS
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPP
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****	IPS
L03.213	Periorbital Cellulitis	DX	10		IPX
L03.213	Periorbital Cellulitis	DX	10		IPP
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPS
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.92	Furuncle, Unspecified	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.011	Cellulitis Of Right Finger	DX	10		IPS
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.019	Cellulitis Of Unspecified Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPP
L03.012	Cellulitis Of Left Finger	DX	10	*****	IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.019	Cellulitis Of Unspecified Finger	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPS
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.031	Cellulitis Of Right Toe	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
M86.17	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****	IPX
2	Cellulitis Of Left Toe	DX	10		IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPP
L03.032	Cellulitis Of Left Toe	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX	
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS	
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP	
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX	
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX	
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP	
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS	
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX	
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS	
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.89	Other Specified Sepsis	DX	10		IPP	
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX	
L03.90	Cellulitis, Unspecified	DX	10		IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX	
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP	
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP	
L03.314	Cellulitis Of Groin	DX	10	*****	IPX	
L03.314	Cellulitis Of Groin	DX	10		IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP	
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP	
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX	
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L03.90	Cellulitis, Unspecified		DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb		DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb		DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
J18.9	Pneumonia, Unspecified Organism		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
L03.90	Cellulitis, Unspecified		DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
L03.90	Cellulitis, Unspecified		DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb		DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.89	Other Specified Sepsis		DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb		DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb		DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPS
J18.9	Pneumonia, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10	*****	IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10	*****	IPX
L03.317	Cellulitis Of Buttock		DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock		DX	10	*****	IPX
L03.90	Cellulitis, Unspecified		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb		DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
L03.317	Cellulitis Of Buttock		DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
M86.16	Other Acute Osteomyelitis, Left Tibia And Fibula		DX	10	*****	IPX
2	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
L03.116	Sepsis, Unspecified Organism		DX	10		IPP
M86.8X	Other Osteomyelitis, Ankle And Foot		DX	10	*****	IPX
7	Other Acute Osteomyelitis, Left Ankle And Foot		DX	10		IPX
M86.17	Other Acute Osteomyelitis, Left Ankle And Foot		DX	10		IPP
2	Other Acute Osteomyelitis, Right Ankle And Foot		DX	10		IPX
M86.17	Cellulitis Of Left Lower Limb		DX	10		IPX
2	Cellulitis Of Left Lower Limb		DX	10		IPS
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
J18.9	Pneumonia, Unspecified Organism		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A40.3	Sepsis Due To Streptococcus Pneumoniae		DX	10		IPP
R78.81	Bacteremia		DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
L03.221	Cellulitis Of Neck	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPP
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10		IPS
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.314	Cellulitis Of Groin	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPP
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPP
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPS
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
L03.90	Cellulitis, Unspecified		DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
L05.01	Pilonidal Cyst With Abscess		DX	10	*****	IPS
L05.92	Pilonidal Sinus Without Abscess		DX	10	*****	IPX
L05.91	Pilonidal Cyst Without Abscess		DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10		IPS
M86.14	Other Acute Osteomyelitis, Left Hand		DX	10	*****	IPP
2	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10		IPS
R78.81	Bacteremia		DX	10	*****	IPS
R78.81	Bacteremia		DX	10		IPP
M86.9	Osteomyelitis, Unspecified Local Infection Of The Skin And		DX	10		IPS
L08.9	Subcutaneous Tissue, Unspecified		DX	10		IPS
M86.17	Other Acute Osteomyelitis, Unspecified Ankle And Foot		DX	10	*****	IPX
9	Other Acute Osteomyelitis, Left Ankle And Foot		DX	10		IPX
M86.17	Acute Hematogenous Osteomyelitis, Left Ankle And Foot		DX	10		IPX
2	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified Sepsis,		DX	10		IPX
M86.07	Unspecified Organism		DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock		DX	10	*****	IPS
L08.9	Local Infection Of The Skin And		DX	10		IPX
A41.9	Subcutaneous Tissue, Unspecified		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
R78.81	Bacteremia		DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified		DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPS
M72.6	Necrotizing Fasciitis		DX	10	*****	IPX
M72.6	Necrotizing Fasciitis		DX	10		IPP
M72.6	Necrotizing Fasciitis		DX	10	*****	IPX
M46.20	Osteomyelitis Of Vertebra, Site Unspecified		DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
N61.1	Abscess Of The Breast And Nipple		DX	10	*****	IPS
N61.1	Abscess Of The Breast And Nipple		DX	10	*****	IPX
N61.1	Abscess Of The Breast And Nipple		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPP
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
N73.0	Acute Parametritis And Pelvic Cellulitis		DX	10	*****	IPS
N73.0	Acute Parametritis And Pelvic Cellulitis		DX	10	*****	IPX
M46.22	Osteomyelitis Of Vertebra, Cervical Region		DX	10	*****	IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
M86.8X	Other Osteomyelitis, Other Site		DX	10	*****	IPX
8	Osteomyelitis Of Vertebra, Cervical Region		DX	10		IPS
M46.26	Osteomyelitis Of Vertebra, Lumbar Region		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus		DX	10		IPP
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region		DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region		DX	10	*****	IPX
R78.81	Bacteremia		DX	10	*****	IPX
M86.06	Acute Hematogenous Osteomyelitis, Left Tibia And Fibula		DX	10		IPS
2	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus		DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus		DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock		DX	10	*****	IPX
M86.17	Other Acute Osteomyelitis, Right Ankle And Foot		DX	10		IPX
1	Acute Hematogenous Osteomyelitis, Right Ankle And Foot		DX	10		IPX
M86.07	Sepsis, Unspecified Organism		DX	10		IPX
M86.9	Osteomyelitis, Unspecified		DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified		DX	10		IPS
M86.11	Other Acute Osteomyelitis, Right Shoulder		DX	10		IPX
M86.27	Subacute Osteomyelitis, Left Ankle And Foot		DX	10	*****	IPX
2	Other Acute Osteomyelitis, Left Tibia And Fibula		DX	10		IPX
R78.81	Bacteremia		DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified		DX	10		IPX
M86.17	Other Acute Osteomyelitis, Left Ankle And Foot		DX	10		IPX
M86.18	Other Acute Osteomyelitis, Other Site		DX	10	*****	IPS
B25.0	Cytomegaloviral Pneumonitis		DX	10	*****	IPX
B25.0	Cytomegaloviral Pneumonitis		DX	10		IPP
A87.8	Other Viral Meningitis		DX	10		IPX
A87.8	Other Viral Meningitis		DX	10		IPS
M86.8X3	Other Osteomyelitis, Forearm		DX	10	*****	IPS
M86.8X4	Other Osteomyelitis, Hand		DX	10	*****	IPS
M86.8X	Other Osteomyelitis, Lower Leg		DX	10	*****	IPX
6	Sepsis, Unspecified Organism		DX	10		IPX
A87.9	Viral Meningitis, Unspecified		DX	10	*****	IPP
M86.8X8	Other Osteomyelitis, Other Site		DX	10	*****	IPX
A02.1	Salmonella Sepsis		DX	10	*****	IPP
R65.20	Severe Sepsis Without Septic Shock		DX	10	*****	IPS
A02.1	Salmonella Sepsis		DX	10		IPP
J18.9	Pneumonia, Unspecified Organism		DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection		DX	10		IPX
A02.1	Salmonella Sepsis		DX	10		IPX
B02.1	Zoster Meningitis		DX	10	*****	IPP
A87.9	Viral Meningitis, Unspecified		DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock		DX	10	***** IPS
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
A40.0	Sepsis Due To Streptococcus, Group A		DX	10	IPS
A40.0	Sepsis Due To Streptococcus, Group A		DX	10	IPP
A40.0	Sepsis Due To Streptococcus, Group A		DX	10	***** IPX
A41.9	Sepsis, Unspecified Organism		DX	10	***** IPX
A40.1	Sepsis Due To Streptococcus, Group B		DX	10	IPP
R78.81	Bacteremia		DX	10	***** IPS
R78.81	Bacteremia		DX	10	IPX
R65.20	Severe Sepsis Without Septic Shock		DX	10	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10	IPS
J18.1	Lobar Pneumonia, Unspecified Organism		DX	10	IPX
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
A40.9	Streptococcal Sepsis, Unspecified		DX	10	IPS
A40.8	Other Streptococcal Sepsis		DX	10	IPX
A40.1	Sepsis Due To Streptococcus, Group B		DX	10	IPX
R65.21	Severe Sepsis With Septic Shock		DX	10	***** IPS
J18.9	Pneumonia, Unspecified Organism		DX	10	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10	IPS
J13	Pneumonia Due To Streptococcus Pneumoniae		DX	10	IPS
A41.9	Sepsis, Unspecified Organism		DX	10	IPS
A40.3	Sepsis Due To Streptococcus Pneumoniae		DX	10	IPP
R65.21	Severe Sepsis With Septic Shock		DX	10	***** IPX
R65.21	Severe Sepsis With Septic Shock		DX	10	IPS
J18.9	Pneumonia, Unspecified Organism		DX	10	IPX
J13	Pneumonia Due To Streptococcus		DX	10	IPS
A41.9	Pneumoniae		DX	10	IPX
A40.3	Sepsis, Unspecified Organism		DX	10	IPP
	Sepsis Due To Streptococcus Pneumoniae				
R65.20	Severe Sepsis Without Septic Shock		DX	10	***** IPS
J13	Pneumonia Due To Streptococcus Pneumoniae		DX	10	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified		DX	10	IPS
A40.3	Pneumonia		DX	10	IPP
	Sepsis Due To Streptococcus Pneumoniae				
J13	Pneumonia Due To Streptococcus Pneumoniae		DX	10	***** IPX
J10.08	Influenza Due To Other Identified		DX	10	IPX
A40.3	Influenza Virus With Other Specified Pneumonia		DX	10	IPX
	Sepsis Due To Streptococcus Pneumoniae				
J13	Pneumonia Due To Streptococcus Pneumoniae		DX	10	***** IPX
A40.3	Sepsis Due To Streptococcus Pneumoniae		DX	10	IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
N16	Renal Tubulo-Interstitial Disorders In	DX	10	*****	IPS
J18.9	Diseases Classified Elsewhere	DX	10		IPS
J18.1	Pneumonia, Unspecified Organism	DX	10		IPX
J13	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A40.8	Pneumonia Due To Streptococcus Pneumoniae Other Streptococcal Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A40.8	Other Streptococcal Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPX
A40.9	Sepsis, Unspecified Organism	DX	10		IPP
A40.9	Streptococcal Sepsis, Unspecified Streptococcal Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible	DX	10		IPX
A41.01	Staphylococcus Aureus Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
K57.20	Diverticulitis Of Large Intestine With	Dx	10	*****	IPS
J18.9	Perforation And Abscess Without Bleeding	Dx	10		IPS
J18.1	Pneumonia, Unspecified Organism	Dx	10		IPX
A41.9	Lobar Pneumonia, Unspecified Organism	Dx	10		IPX
A41.01	Sepsis, Unspecified Organism	Dx	10		IPP
	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus				
R65.21	Severe Sepsis With Septic Shock	Dx	10	*****	IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	Dx	10		IPP
A41.9	Sepsis, Unspecified Organism	Dx	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	Dx	10		IPS
A41.89	Other Specified Sepsis	Dx	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	Dx	10		IPS
R78.81	Bacteremia	Dx	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	Dx	10		IPS
R65.20	Severe Sepsis Without Septic Shock	Dx	10		IPS
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	Dx	10		IPS
A41.9	Staphylococcus Aureus	Dx	10		IPS
A41.01	Sepsis, Unspecified Organism	Dx	10		IPS
	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus				
R78.81	Bacteremia	Dx	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	Dx	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	Dx	10		IPS
A41.9	Sepsis, Unspecified Organism	Dx	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	Dx	10		IPS
R65.20	Severe Sepsis Without Septic Shock	Dx	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	Dx	10		IPS
A41.9	Sepsis, Unspecified Organism	Dx	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	Dx	10		IPS
R78.81	Bacteremia	Dx	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	Dx	10		IPX
R65.20	Severe Sepsis Without Septic Shock	Dx	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	Dx	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.02	Sepsis Due To Methicillin Resistant	DX	10	*****	IPS
A41.02	Staphylococcus Aureus	DX	10		IPX
	Sepsis Due To Methicillin Resistant				
	Staphylococcus Aureus				
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant	DX	10		IPX
A41.02	Staphylococcus Aureus	DX	10		IPS
	Sepsis Due To Methicillin Resistant				
	Staphylococcus Aureus				
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant	DX	10		IPS
	Staphylococcus Aureus				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.02	Sepsis Due To Methicillin Resistant	DX	10		IPS
	Staphylococcus Aureus				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant	DX	10		IPS
	Staphylococcus Aureus				
A41.1	Sepsis Due To Other Specified	DX	10	*****	IPP
	Staphylococcus				
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.1	Sepsis Due To Other Specified	DX	10		IPP
A41.1	Staphylococcus	DX	10		IPX
	Sepsis Due To Other Specified				
	Staphylococcus				
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified	DX	10		IPP
	Staphylococcus				

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPX
A41.50	Sepsis, Unspecified Organism	DX	10		IPP
	Gram-Negative Sepsis, Unspecified				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPX
A41.50	Sepsis, Unspecified Organism	DX	10		IPP
	Gram-Negative Sepsis, Unspecified				
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock		DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant		DX	10		IPS
A41.9	Staphylococcus Aureus		DX	10		IPX
A41.51	Sepsis, Unspecified Organism		DX	10		IPP
	Sepsis Due To Escherichia Coli [e. Coli]					
R65.21	Severe Sepsis With Septic Shock		DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock		DX	10		IPS
J18.9	Pneumonia, Unspecified Organism		DX	10		IPX
J18.9	Pneumonia, Unspecified Organism		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPP
J18.9	Pneumonia, Unspecified Organism		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPP
N10	Acute Pyelonephritis		DX	10	*****	IPX
N10	Acute Pyelonephritis		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPP
R78.81	Bacteremia		DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPP
R78.81	Bacteremia		DX	10	*****	IPX
N10	Acute Pyelonephritis		DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPP
N16	Renal Tubulo-Interstitial Disorders In		DX	10	*****	IPS
A41.51	Diseases Classified Elsewhere		DX	10		IPP
	Sepsis Due To Escherichia Coli [e. Coli]					
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPS
R78.81	Bacteremia		DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock		DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock		DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPX
A41.9	Sepsis, Unspecified Organism		DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis		DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPS
R78.81	Bacteremia		DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism		DX	10		IPS
A41.81	Sepsis Due To Enterococcus		DX	10		IPS
A41.81	Sepsis Due To Enterococcus		DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPS
A41.9	Sepsis, Unspecified Organism		DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]		DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
R78.81	Bacteremia	DX	10	*****	IPX	
R78.81	Bacteremia	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX	
R78.81	Bacteremia	DX	10	*****	IPS	
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP	
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPX
A41.59	Sepsis, Unspecified Organism Other Gram-Negative Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPP
A41.81	Sepsis Due To Enterococcus	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
J12.89	Pneumoniae	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.9	Other Viral Pneumonia	DX	10		IPX
A41.89	Sepsis, Unspecified Organism Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J10.08	Influenza Due To Other Identified	DX	10		IPS
A41.9	Influenza Virus With Other Specified	DX	10		IPX
A41.89	Pneumonia Sepsis, Unspecified Organism Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J12.81	Pneumonia Due To Sars-Associated	DX	10		IPX
A41.89	Coronavirus Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
B25.0	Cytomegaloviral Pneumonitis	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J10.00	Influenza Due To Other Identified	DX	10	*****	IPS
A41.89	Influenza Virus With Unspecified Type Of Pneumonia Other Specified Sepsis	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
	Sepsis, Unspecified Organism				

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B59	Pneumocystosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J10.00	Influenza Due To Other Identified	DX	10		IPS
J10.00	Influenza Virus With Unspecified Type Of	DX	10		IPX
A41.9	Pneumonia	DX	10		IPP
A41.9	Influenza Due To Other Identified	DX	10		IPX
	Influenza Virus With Unspecified Type Of Pneumonia				
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPX
J15.3	Pneumonia Due To Streptococcus, Group	DX	10		IPX
J15.3	B	DX	10		IPS
A41.9	Pneumonia Due To Streptococcus, Group	DX	10		IPP
A41.9	B	DX	10		IPX
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS
A41.9	Bacteria	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPS
A41.9	Staphylococcus Aureus	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10	*****	IPS
A48.1	Legionnaires' Disease	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A48.1	Legionnaires' Disease	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.1	Pulmonary Candidiasis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J10.00	Influenza Due To Other Identified	DX	10	*****	IPS
J10.00	Influenza Virus With Unspecified Type Of	DX	10		IPX
A41.9	Pneumonia	DX	10		IPP
A41.9	Influenza Due To Other Identified	DX	10		IPX
	Influenza Virus With Unspecified Type Of				
	Pneumonia				
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS	
J11.00	Influenza Due To Unidentified Influenza	DX	10		IPX	
J10.08	Virus With Unspecified Type Of	DX	10		IPS	
A41.9	Pneumonia	DX	10		IPP	
A41.9	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPX	
	Sepsis, Unspecified Organism					
	Sepsis, Unspecified Organism					
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX	
J12.89	Other Viral Pneumonia	DX	10		IPS	
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPS	
J15.1	Staphylococcus Aureus	DX	10		IPS	
A41.9	Pneumonia Due To Pseudomonas	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
	Sepsis, Unspecified Organism					
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPS	
A41.9	Bacteria	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
	Sepsis, Unspecified Organism					
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPS
J16.8	Infectious Organisms	DX	10		IPX
A41.9	Pneumonia Due To Other Specified	DX	10		IPP
A41.9	Infectious Organisms	DX	10		IPX
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
	Sepsis, Unspecified Organism				
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
B39.2	Pulmonary Histoplasmosis Capsulati,	DX	10		IPS
A41.9	Unspecified Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
J13	Infectious Organisms	DX	10		IPS
J10.08	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPP
	Influenza Due To Other Identified				
	Influenza Virus With Other Specified				
	Pneumonia				
	Sepsis, Unspecified Organism				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPS	
J10.08	Staphylococcus Aureus	DX	10		IPS	
A41.9	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia Sepsis, Unspecified Organism	DX	10		IPP	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
R78.81	Bacteremia	DX	10	*****	IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
A48.1	Legionnaires' Disease	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
A48.1	Legionnaires' Disease	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J10.00	Influenza Due To Other Identified	DX	10		IPS	
A41.9	Influenza Virus With Unspecified Type Of Pneumonia Sepsis, Unspecified Organism	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J11.00	Influenza Due To Unidentified Influenza	DX	10		IPS	
A41.9	Virus With Unspecified Type Of Pneumonia Sepsis, Unspecified Organism	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J16.8	Pneumonia Due To Other Specified	DX	10		IPX	
J12.0	Infectious Organisms	DX	10		IPS	
A41.9	Adenoviral Pneumonia Sepsis, Unspecified Organism	DX	10		IPP	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.211	Pneumonia Due To Methicillin Susceptible	DX	10		IPS
A41.9	Staphylococcus Aureus	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.211	Pneumonia Due To Methicillin Susceptible	DX	10		IPS
A41.9	Staphylococcus Aureus	DX	10		IPP
	Sepsis, Unspecified Organism				
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.0	Bronchopneumonia, Unspecified	DX	10	*****	IPS
A41.9	Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
B59	Pneumocystosis	DX	10		IPS	
B59	Pneumocystosis	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
R78.81	Bacteremia	DX	10	*****	IPX	
R78.81	Bacteremia	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
N10	Acute Pyelonephritis	DX	10	*****	IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPS	
K57.20	Diverticulitis Of Large Intestine With	DX	10	*****	IPS	
A41.9	Perforation And Abscess Without Bleeding Sepsis, Unspecified Organism	DX	10		IPS	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS	
B37.7	Candidal Sepsis	DX	10		IPS	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R78.81	Bacteremia	DX	10	*****	IPS	
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R78.81	Bacteremia	DX	10	*****	IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
B38.2	Pulmonary Coccidioidomycosis,	DX	10		IPX	
B38.0	Unspecified	DX	10		IPX	
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPS	
A41.9	Acute Pulmonary Coccidioidomycosis Sepsis, Unspecified Organism	DX	10		IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX	
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPX	
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX	
J15.212	Pneumonia Due To Methicillin Resistant	DX	10		IPX	
A41.9	Staphylococcus Aureus Sepsis, Unspecified Organism	DX	10		IPX	
R78.81	Bacteremia	DX	10	*****	IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX	
J15.5	Pneumonia Due To Escherichia Coli	DX	10		IPX	
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPX	
A41.9	Sepsis, Unspecified Organism	DX	10		IPX	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
R65.21	Severe Sepsis With Septic Shock		DX	10	***** IPX
N10	Acute Pyelonephritis		DX	10	IPS
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
R78.81	Bacteremia		DX	10	***** IPP
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
R78.81	Bacteremia		DX	10	***** IPS
R78.81	Bacteremia		DX	10	IPP
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
R78.81	Bacteremia		DX	10	***** IPS
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
R78.81	Bacteremia		DX	10	***** IPX
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
A04.8	Other Specified Bacterial Intestinal Infections		DX	10	IPX
B39.2	Pulmonary Histoplasmosis Capsulati,		DX	10	***** IPX
A41.9	Unspecified Sepsis, Unspecified Organism		DX	10	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10	***** IPX
J12.9	Viral Pneumonia, Unspecified		DX	10	IPX
B59	Pneumocystosis		DX	10	IPP
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae		DX	10	***** IPX
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
J15.211	Pneumonia Due To Methicillin Susceptible		DX	10	***** IPX
A41.9	Staphylococcus Aureus Sepsis, Unspecified Organism		DX	10	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10	***** IPX
J18.1	Lobar Pneumonia, Unspecified Organism		DX	10	IPX
J15.3	Pneumonia Due To Streptococcus, Group		DX	10	IPX
A41.9	B Sepsis, Unspecified Organism		DX	10	IPX
J18.9	Pneumonia, Unspecified Organism		DX	10	***** IPX
J15.8	Pneumonia Due To Other Specified		DX	10	IPX
J15.8	Bacteria		DX	10	IPP
A41.9	Pneumonia Due To Other Specified Bacteria Sepsis, Unspecified Organism		DX	10	IPX
J15.9	Unspecified Bacterial Pneumonia		DX	10	***** IPX
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
J18.8	Other Pneumonia, Unspecified Organism		DX	10	***** IPX
J15.9	Unspecified Bacterial Pneumonia		DX	10	IPX
A41.9	Sepsis, Unspecified Organism		DX	10	IPX
J16.0	Chlamydial Pneumonia		DX	10	***** IPX
A41.9	Sepsis, Unspecified Organism		DX	10	IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N16	Renal Tubulo-Interstitial Disorders In	DX	10	*****	IPS
J18.9	Diseases Classified Elsewhere	DX	10		IPX
A41.9	Pneumonia, Unspecified Organism	DX	10		IPX
	Sepsis, Unspecified Organism				
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
B37.7	Candidal Sepsis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
R65.20	Severe Sepsis Without Septic Shock			10	IPS	*****
J14	Pneumonia Due To Hemophilus			10	IPS	
J12.89	Influenzae			10	IPX	
J12.89	Other Viral Pneumonia			10	IPS	
J12.89	Other Viral Pneumonia			10	IPS	
R65.20	Severe Sepsis Without Septic Shock			10	IPX	*****
J18.9	Pneumonia, Unspecified Organism			10	IPX	
J18.9	Pneumonia, Unspecified Organism			10	IPP	
R65.21	Severe Sepsis With Septic Shock			10	IPS	*****
R65.21	Severe Sepsis With Septic Shock			10	IPX	*****
R65.21	Severe Sepsis With Septic Shock			10	IPX	*****
J18.9	Pneumonia, Unspecified Organism			10	IPX	
R78.81	Bacteremia			10	IPP	*****
R78.81	Bacteremia			10	IPX	*****
R78.81	Bacteremia			10	IPS	
J18.9	Pneumonia, Unspecified Organism			10	IPX	
J18.9	Pneumonia, Unspecified Organism			10	IPS	
R78.81	Bacteremia			10	IPS	*****
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified			10	IPS	
R78.81	Bacteremia			10	IPS	*****
J18.9	Pneumonia, Unspecified Organism			10	IPX	
J18.8	Other Pneumonia, Unspecified Organism			10	IPX	
J13	Pneumonia Due To Streptococcus Pneumoniae			10	IPP	
R78.81	Bacteremia			10	IPS	*****
J18.9	Pneumonia, Unspecified Organism			10	IPP	
J18.9	Pneumonia, Unspecified Organism			10	IPS	*****
J18.9	Pneumonia, Unspecified Organism			10	IPP	
A31.0	Pulmonary Mycobacterial Infection			10	IPS	
J18.9	Pneumonia, Unspecified Organism			10	IPX	*****
J18.1	Lobar Pneumonia, Unspecified Organism			10	IPX	
A31.0	Pulmonary Mycobacterial Infection			10	IPX	
B59	Pneumocystosis			10	IPS	*****
A43.0	Pulmonary Nocardiosis			10	IPP	
J18.9	Pneumonia, Unspecified Organism			10	IPX	*****
J18.9	Pneumonia, Unspecified Organism			10	IPP	
B37.1	Pulmonary Candidiasis			10	IPS	
B38.2	Pulmonary Coccidioidomycosis, Unspecified			10	IPS	*****
B38.2	Pulmonary Coccidioidomycosis, Unspecified			10	IPX	*****
B38.2	Pulmonary Coccidioidomycosis, Unspecified			10	IPS	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative	DX	10		IPX
B39.2	Bacteria	DX	10		IPX
B39.2	Pulmonary Histoplasmosis Capsulati,	DX	10		IPP
B39.0	Unspecified Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPX
B39.2	Acute Pulmonary Histoplasmosis Capsulati, Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B59	Pneumocystosis	DX	10		IPS
B59	Pneumocystosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPX
B59	Pneumocystosis	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****	IPS
B59	Pneumocystosis	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J15.6	Pneumonia Due To Other Gram-Negative	DX	10	*****	IPS
J11.08	Bacteria Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****	IPP
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J15.8	Pneumonia Due To Other Specified	DX	10	*****	IPS
J12.1	Bacteria Respiratory Syncytial Virus Pneumonia	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting	Encounter
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPX	
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS	
J12.3	Human Metapneumovirus Pneumonia	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX	
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP	
J12.89	Other Viral Pneumonia	DX	10		IPX	
J12.89	Other Viral Pneumonia	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS	
J12.89	Other Viral Pneumonia	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP	
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPP	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX	
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****	IPP	
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX	
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX	
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS	

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPP
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****	IPP
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPP
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J17	Pneumonia In Diseases Classified Elsewhere	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
J18.0	Bronchopneumonia, Unspecified	DX	10	*****	IPX
J18.0	Organism	DX	10		IPP
J18.0	Bronchopneumonia, Unspecified				
J18.0	Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified	DX	10		IPS
J18.0	Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified	DX	10		IPS
J18.0	Organism				
J18.0	Bronchopneumonia, Unspecified	DX	10	*****	IPX
J18.0	Organism				
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPP
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPX

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
K35.3	Acute Appendicitis With Localized	DX	10	*****	IPX
K35.2	Peritonitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized	DX	10		IPS
K35.2	Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized	DX	10	*****	IPX
K35.3	Peritonitis	DX	10		IPP
K37	Unspecified Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPP
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized	DX	10		IPX
K35.3	Peritonitis	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPP
K35.89	Other Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS

Table 16am. Full Code Distribution¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K37	Unspecified Appendicitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.89	Other Acute Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10	*****	IPS
K36	Other Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10		IPS
K37	Unspecified Appendicitis	DX	10	*****	IPS
K37	Unspecified Appendicitis	DX	10		IPX
K55.32	Stage 2 Necrotizing Enterocolitis	DX	10	*****	IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.01	Diverticulitis Of Small Intestine With Perforation And Abscess With Bleeding	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.13	Diverticulitis Of Small Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16an. Total Code Counts¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A41.9	Sepsis, Unspecified Organism	DX	10	1,241
J18.9	Pneumonia, Unspecified Organism	DX	10	828
K65.1	Peritoneal Abscess	DX	10	379
R65.21	Severe Sepsis With Septic Shock	DX	10	264
R65.20	Severe Sepsis Without Septic Shock	DX	10	193
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	181
R78.81	Bacteremia	DX	10	173
K61.1	Rectal Abscess	DX	10	166
L03.115	Cellulitis Of Right Lower Limb	DX	10	144
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	143
L03.116	Cellulitis Of Left Lower Limb	DX	10	134
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	129
K61.0	Anal Abscess	DX	10	87
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	85
N10	Acute Pyelonephritis	DX	10	84
L03.311	Cellulitis Of Abdominal Wall	DX	10	70
A41.89	Other Specified Sepsis	DX	10	70
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	67
L03.90	Cellulitis, Unspecified	DX	10	63
J15.9	Unspecified Bacterial Pneumonia	DX	10	62
J12.89	Other Viral Pneumonia	DX	10	60
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	53
K63.0	Abscess Of Intestine	DX	10	50
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	46
L02.91	Cutaneous Abscess, Unspecified	DX	10	42
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	40
L03.114	Cellulitis Of Left Upper Limb	DX	10	38
K61.2	Anorectal Abscess	DX	10	37
L02.31	Cutaneous Abscess Of Buttock	DX	10	37
L03.113	Cellulitis Of Right Upper Limb	DX	10	36
K65.9	Peritonitis, Unspecified	DX	10	34
L03.211	Cellulitis Of Face	DX	10	33
K81.0	Acute Cholecystitis	DX	10	32
K35.80	Unspecified Acute Appendicitis	DX	10	32
K65.8	Other Peritonitis	DX	10	31
L02.215	Cutaneous Abscess Of Perineum	DX	10	30
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	29
A41.59	Other Gram-Negative Sepsis	DX	10	28
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	28
L03.317	Cellulitis Of Buttock	DX	10	27
I96	Gangrene, Not Elsewhere Classified	DX	10	27
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	24
K65.0	Generalized (Acute) Peritonitis	DX	10	20
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	20
J18.8	Other Pneumonia, Unspecified Organism	DX	10	19
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	18

Table 16an. Total Code Counts¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
K75.0	Abscess Of Liver	DX	10	17
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	17
K68.19	Other Retroperitoneal Abscess	DX	10	17
K81.9	Cholecystitis, Unspecified	DX	10	16
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	16
I33.0	Acute And Subacute Infective Endocarditis	DX	10	15
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	15
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	14
B37.7	Candidal Sepsis	DX	10	14
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	14
K37	Unspecified Appendicitis	DX	10	14
J12.9	Viral Pneumonia, Unspecified	DX	10	14
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	13
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	13
A41.4	Sepsis Due To Anaerobes	DX	10	13
L03.011	Cellulitis Of Right Finger	DX	10	12
L03.031	Cellulitis Of Right Toe	DX	10	12
L02.511	Cutaneous Abscess Of Right Hand	DX	10	12
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	12
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	11
L03.313	Cellulitis Of Chest Wall	DX	10	11
L03.315	Cellulitis Of Perineum	DX	10	11
A40.8	Other Streptococcal Sepsis	DX	10	11
L03.213	Periorbital Cellulitis	DX	10	11
B59	Pneumocystosis	DX	10	11
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10	*****
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****
M86.9	Osteomyelitis, Unspecified	DX	10	*****
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****
A41.52	Sepsis Due To Pseudomonas	DX	10	*****
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****
L03.314	Cellulitis Of Groin	DX	10	*****
G03.9	Meningitis, Unspecified	DX	10	*****
A41.81	Sepsis Due To Enterococcus	DX	10	*****
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
L03.012	Cellulitis Of Left Finger	DX	10	*****
L03.818	Cellulitis Of Other Sites	DX	10	*****
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10	*****
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****
L02.214	Cutaneous Abscess Of Groin	DX	10	*****
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****

Table 16an. Total Code Counts¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of	DX	10	*****
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****
K36	Other Appendicitis	DX	10	*****
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
L03.032	Cellulitis Of Left Toe	DX	10	*****
L03.221	Cellulitis Of Neck	DX	10	*****
L02.01	Cutaneous Abscess Of Face	DX	10	*****
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K61.3	Ischiorectal Abscess	DX	10	*****
A48.1	Legionnaires' Disease	DX	10	*****
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****
L02.612	Cutaneous Abscess Of Left Foot	DX	10	*****
L02.512	Cutaneous Abscess Of Left Hand	DX	10	*****
L02.11	Cutaneous Abscess Of Neck	DX	10	*****
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10	*****
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****
A02.1	Salmonella Sepsis	DX	10	*****
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****
N61.1	Abscess Of The Breast And Nipple	DX	10	*****
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****
H05.011	Cellulitis Of Right Orbit	DX	10	*****
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****
L02.412	Cutaneous Abscess Of Left Axilla	DX	10	*****
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****
M72.6	Necrotizing Fasciitis	DX	10	*****
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****
J12.2	Parainfluenza Virus Pneumonia	DX	10	*****
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10	*****
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****

Table 16an. Total Code Counts¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10	*****
L03.111	Cellulitis Of Right Axilla	DX	10	*****
L03.019	Cellulitis Of Unspecified Finger	DX	10	*****
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10	*****
B25.0	Cytomegaloviral Pneumonitis	DX	10	*****
K57.21	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****
A48.0	Gas Gangrene	DX	10	*****
M86.162	Other Acute Osteomyelitis, Left Tibia And Fibula	DX	10	*****
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10	*****
N16	Renal Tubulo-Interstitial Disorders In Diseases Classified Elsewhere	DX	10	*****
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****
D73.3	Abscess Of Spleen	DX	10	*****
J34.0	Abscess, Furuncle And Carbuncle Of Nose	DX	10	*****
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****
M86.071	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10	*****
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10	*****
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral Legs	DX	10	*****
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10	*****
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10	*****
L03.112	Cellulitis Of Left Axilla	DX	10	*****
H60.12	Cellulitis Of Left External Ear	DX	10	*****
H05.012	Cellulitis Of Left Orbit	DX	10	*****
K65.3	Choleperitonitis	DX	10	*****
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10	*****
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10	*****
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10	*****
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10	*****
K38.9	Disease Of Appendix, Unspecified	DX	10	*****
A46	Erysipelas	DX	10	*****
J12.3	Human Metapneumovirus Pneumonia	DX	10	*****
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
H05.021	Osteomyelitis Of Right Orbit	DX	10	*****
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****
K35.89	Other Acute Appendicitis	DX	10	*****
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****
A87.8	Other Viral Meningitis	DX	10	*****
L05.01	Pilonidal Cyst With Abscess	DX	10	*****
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****

Table 16an. Total Code Counts¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10	*****
B37.1	Pulmonary Candidiasis	DX	10	*****
A43.0	Pulmonary Nocardiosis	DX	10	*****
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10	*****
A87.9	Viral Meningitis, Unspecified	DX	10	*****
H00.039	Abscess Of Eyelid Unspecified Eye, Unspecified Eyelid	DX	10	*****
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****
A42.81	Actinomycotic Meningitis	DX	10	*****
M86.072	Acute Hematogenous Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.062	Acute Hematogenous Osteomyelitis, Left Tibia And Fibula	DX	10	*****
J12.0	Adenoviral Pneumonia	DX	10	*****
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10	*****
K85.12	Biliary Acute Pancreatitis With Infected Necrosis	DX	10	*****
L02.231	Carbuncle Of Abdominal Wall	DX	10	*****
J16.0	Chlamydial Pneumonia	DX	10	*****
N73.2	Covid-19, Virus Identified	DX	10	*****
K57.41	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.53	Diverticulitis Of Both Small And Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K57.01	Diverticulitis Of Small Intestine With Perforation And Abscess With Bleeding	DX	10	*****
K57.13	Diverticulitis Of Small Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
L02.32	Furuncle Of Buttock	DX	10	*****
L02.224	Furuncle Of Groin	DX	10	*****
L02.422	Furuncle Of Left Axilla	DX	10	*****
L02.621	Furuncle Of Right Foot	DX	10	*****
L02.521	Furuncle Right Hand	DX	10	*****
L02.92	Furuncle, Unspecified	DX	10	*****
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****
B00.3	Herpesviral Meningitis	DX	10	*****
K85.02	Idiopathic Acute Pancreatitis With Infected Necrosis	DX	10	*****
L01.00	Impetigo, Unspecified	DX	10	*****
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10	*****
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****
M46.20	Osteomyelitis Of Vertebra, Site Unspecified	DX	10	*****
M86.142	Other Acute Osteomyelitis, Left Hand	DX	10	*****
M86.18	Other Acute Osteomyelitis, Other Site	DX	10	*****
M86.111	Other Acute Osteomyelitis, Right Shoulder	DX	10	*****
M86.179	Other Acute Osteomyelitis, Unspecified Ankle And Foot	DX	10	*****
M86.8X3	Other Osteomyelitis, Forearm	DX	10	*****
M86.8X4	Other Osteomyelitis, Hand	DX	10	*****
M86.8X9	Other Osteomyelitis, Unspecified Sites	DX	10	*****
L05.02	Pilonidal Sinus With Abscess	DX	10	*****

Table 16an. Total Code Counts¹ of Comparator Users and Serious Infection Composite in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
L05.92	Pilonidal Sinus Without Abscess	DX	10	*****
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****
J17	Pneumonia In Diseases Classified Elsewhere	DX	10	*****
A41.53	Sepsis Due To Serratia	DX	10	*****
K55.32	Stage 2 Necrotizing Enterocolitis	DX	10	*****
M86.272	Subacute Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10	*****
B02.1	Zoster Meningitis	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	26	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	16	IPX
K61.1	Rectal Abscess	DX	10	11	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K61.0	Anal Abscess	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Bleeding	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPX
K57.40	Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess	DX	10		IPS
K57.20	Without Bleeding	DX	10		IPX
K57.00	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPX
A41.9	Bleeding	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPX
K57.32	Without Bleeding	DX	10		IPS
J18.9	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPS
A41.9	Bleeding	DX	10		IPP
K57.32	Pneumonia, Unspecified Organism				
K57.32	Sepsis, Unspecified Organism				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
L03.319	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPS
K57.32	Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPX
A41.89	Bleeding	DX	10		IPX
A41.81	Sepsis, Unspecified Organism	DX	10		IPP
A41.50	Other Specified Sepsis	DX	10		IPS
	Sepsis Due To Enterococcus				
	Gram-Negative Sepsis, Unspecified				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
A41.9	Bleeding	DX	10		IPX
	Sepsis, Unspecified Organism				
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPS
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess	DX	10		IPX
A41.9	Without Bleeding	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10	*****	IPS
	Without Bleeding				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess	DX	10		IPS
A41.9	Without Bleeding	DX	10		IPP
	Sepsis, Unspecified Organism				
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.229	Furuncle Of Trunk, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPX
K57.12	Bleeding	DX	10		IPX
K65.2	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPS
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.01	Idiopathic Acute Pancreatitis With Uninfected Necrosis	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.32	Drug Induced Acute Pancreatitis With Infected Necrosis	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
A31.1	Cutaneous Mycobacterial Infection	DX	10		IPS
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****	IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.316	Cellulitis Of Umbilicus	DX	10		IPX
L03.316	Cellulitis Of Umbilicus	DX	10		IPP
L02.216	Cutaneous Abscess Of Umbilicus	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPS
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
G03.9	Meningitis, Unspecified	DX	10		IPX
G03.9	Meningitis, Unspecified	DX	10		IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
G03.9	Meningitis, Unspecified	DX	10	*****	IPX
B00.3	Herpesviral Meningitis	DX	10		IPX
B00.3	Herpesviral Meningitis	DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPS

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPS
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10		IPX
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.213	Periorbital Cellulitis	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Care Setting
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPX
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****	IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPX
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****	IPX
B00.3	Herpesviral Meningitis	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPS
B00.3	Herpesviral Meningitis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J85.1	Abscess Of Lung With Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10	*****	IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A48.1	Legionnaires' Disease	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.89	Other Specified Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
B59	Pneumocystosis	DX	10		IPS
B59	Pneumocystosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter
					Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A43.0	Pulmonary Nocardiosis	DX	10	*****	IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
B59	Pneumocystosis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10		IPX
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX

Table 16ao. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPS
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****	IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10	*****	IPS

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16ap. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts
A41.9	Sepsis, Unspecified Organism	DX	10	192
J18.9	Pneumonia, Unspecified Organism	DX	10	92
K65.1	Peritoneal Abscess	DX	10	81
K61.1	Rectal Abscess	DX	10	46
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	42
R65.21	Severe Sepsis With Septic Shock	DX	10	35
R78.81	Bacteremia	DX	10	33
R65.20	Severe Sepsis Without Septic Shock	DX	10	30
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	26
L03.116	Cellulitis Of Left Lower Limb	DX	10	23
K61.0	Anal Abscess	DX	10	21
N10	Acute Pyelonephritis	DX	10	19
L03.115	Cellulitis Of Right Lower Limb	DX	10	19
L03.311	Cellulitis Of Abdominal Wall	DX	10	18
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	16
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	16
L03.114	Cellulitis Of Left Upper Limb	DX	10	14
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	14
K63.0	Abscess Of Intestine	DX	10	13
K81.0	Acute Cholecystitis	DX	10	11
L03.90	Cellulitis, Unspecified	DX	10	11
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****
L03.211	Cellulitis Of Face	DX	10	*****
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****
M86.9	Osteomyelitis, Unspecified	DX	10	*****
K35.80	Unspecified Acute Appendicitis	DX	10	*****
K61.2	Anorectal Abscess	DX	10	*****
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
L02.214	Cutaneous Abscess Of Groin	DX	10	*****
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****
A41.89	Other Specified Sepsis	DX	10	*****
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****
B37.7	Candidal Sepsis	DX	10	*****
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
A41.59	Other Gram-Negative Sepsis	DX	10	*****
K65.9	Peritonitis, Unspecified	DX	10	*****
L03.317	Cellulitis Of Buttock	DX	10	*****
L03.031	Cellulitis Of Right Toe	DX	10	*****
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****

Table 16ap. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****
B00.3	Herpesviral Meningitis	DX	10	*****
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****
K65.8	Other Peritonitis	DX	10	*****
K68.19	Other Retroperitoneal Abscess	DX	10	*****
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****
L03.012	Cellulitis Of Left Finger	DX	10	*****
L03.818	Cellulitis Of Other Sites	DX	10	*****
L03.315	Cellulitis Of Perineum	DX	10	*****
K81.9	Cholecystitis, Unspecified	DX	10	*****
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****
L02.512	Cutaneous Abscess Of Left Hand	DX	10	*****
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****
K61.3	Ischiorectal Abscess	DX	10	*****
G03.9	Meningitis, Unspecified	DX	10	*****
B59	Pneumocystosis	DX	10	*****
A41.81	Sepsis Due To Enterococcus	DX	10	*****
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
A41.53	Sepsis Due To Serratia	DX	10	*****
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****
L03.313	Cellulitis Of Chest Wall	DX	10	*****
L03.221	Cellulitis Of Neck	DX	10	*****
L03.316	Cellulitis Of Umbilicus	DX	10	*****
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****
I96	Gangrene, Not Elsewhere Classified	DX	10	*****
K65.0	Generalized (Acute) Peritonitis	DX	10	*****
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****
M86.17 2	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.17 1	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****
L03.213	Periorbital Cellulitis	DX	10	*****
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****

Table 16ap. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****
L03.314	Cellulitis Of Groin	DX	10	*****
L03.032	Cellulitis Of Left Toe	DX	10	*****
L03.011	Cellulitis Of Right Finger	DX	10	*****
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****
L02.612	Cutaneous Abscess Of Left Foot	DX	10	*****
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10	*****
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10	*****
A31.1	Cutaneous Mycobacterial Infection	DX	10	*****
K85.32	Drug Induced Acute Pancreatitis With Infected Necrosis	DX	10	*****
L02.229	Furuncle Of Trunk, Unspecified	DX	10	*****
K85.01	Idiopathic Acute Pancreatitis With Uninfected Necrosis	DX	10	*****
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10	*****
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
A48.1	Legionnaires' Disease	DX	10	*****
A40.8	Other Streptococcal Sepsis	DX	10	*****
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****
A43.0	Pulmonary Nocardiosis	DX	10	*****
A41.4	Sepsis Due To Anaerobes	DX	10	*****
A41.52	Sepsis Due To Pseudomonas	DX	10	*****
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10	*****
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****
K37	Unspecified Appendicitis	DX	10	*****
J12.9	Viral Pneumonia, Unspecified	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	66	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	58	IPX
K65.1	Peritoneal Abscess	DX	10	48	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	29	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	29	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	23	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	22	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	20	IPX
K65.1	Peritoneal Abscess	DX	10	19	IPS
K61.1	Rectal Abscess	DX	10	19	IPX
K65.1	Peritoneal Abscess	DX	10	17	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	17	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	17	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	16	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	16	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	13	IPS
K61.1	Rectal Abscess	DX	10	12	IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	12	IPS
R78.81	Bacteremia	DX	10	12	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
G03.9	Meningitis, Unspecified	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16a. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
H60.12	Cellulitis Of Left External Ear	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPX
L02.11	Cutaneous Abscess Of Neck	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.032	Cellulitis Of Left Toe	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****	IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPS
K57.32	Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPX
K57.20	Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPP
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPX
K57.33	Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPS
K57.32	Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
J18.1	Bleeding	DX	10		IPX
J15.212	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
A41.9	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
	Sepsis, Unspecified Organism				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.80	Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPX
K57.20	Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPX
K57.32	Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPX
K57.20	Bleeding	DX	10		IPP
K57.00	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPX
	Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPS
A41.9	Bleeding	DX	10		IPP
A41.52	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPX
	Bleeding				
	Sepsis, Unspecified Organism				
	Sepsis Due To Pseudomonas				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPP
	Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPP
K57.20	Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without				
	Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without				
	Bleeding				
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10		IPX
	Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
A41.9	Bleeding	DX	10		IPP
	Sepsis, Unspecified Organism				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
J18.9	Bleeding	DX	10		IPX
	Pneumonia, Unspecified Organism				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.12	Bleeding	DX	10		IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without	DX	10		IPS
	Bleeding				
	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without				
	Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without	DX	10	*****	IPX
K57.20	Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without				
	Bleeding				
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With	DX	10		IPP
	Bleeding				
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With	DX	10	*****	IPX
K57.33	Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess With				
	Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess	DX	10		IPP
	Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPP
K57.92	Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPS
	Abscess Without Bleeding				
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or				
	Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPS
	Abscess Without Bleeding				

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.0	Anal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.12	Abscess Without Bleeding	DX	10		IPP
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K63.0	Abscess Of Intestine	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16a. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPX
J18.9	Bleeding	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Sepsis, Unspecified Organism Other Specified Sepsis	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPS
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
N73.2	Covid-19, Virus Identified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K37	Unspecified Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K65.8	Other Peritonitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPS
I76	Bleeding	DX	10		IPS
A41.9	Septic Arterial Embolism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16a. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Bleeding	DX	10		IPS
A41.9	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
A41.9	Bleeding	DX	10		IPS
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.216	Cutaneous Abscess Of Umbilicus	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
D73.3	Abscess Of Spleen	DX	10		IPP
D73.3	Abscess Of Spleen	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
K65.3	Choleperitonitis	DX	10	*****	IPX
K65.3	Choleperitonitis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPS
K65.8	Other Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K75.0	Abscess Of Liver	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
L02.231	Carbuncle Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K75.0	Abscess Of Liver	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K81.9	Cholecystitis, Unspecified	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.02	Idiopathic Acute Pancreatitis With Infected Necrosis	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K37	Unspecified Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
A46	Erysipelas	DX	10		IPS
A46	Erysipelas	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPP
H00.039	Abscess Of Eyelid Unspecified Eye, Unspecified Eyelid	DX	10		IPX
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10		IPS

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J14	Pneumonia Due To Hemophilus Influenzae	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPP
I76	Septic Arterial Embolism	DX	10		IPX
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral	DX	10		IPX
I33.0	Legs	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.9	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.89	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Other Specified Sepsis	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
	Sepsis Due To Methicillin Su				
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10		IPX
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPX
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.111	Cellulitis Of Right Axilla	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10		IPS
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.071	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****	IPS
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type	DX	10		IPS
A40.1	Of Pneumonia	DX	10		IPP
	Sepsis Due To Streptococcus, Group B				
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
L03.221	Cellulitis Of Neck	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPS
L02.11	Cutaneous Abscess Of Neck	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPX
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPP
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10		IPP
K12.2	Cellulitis And Abscess Of Mouth	DX	10		IPS
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.0	Anal Abscess	DX	10	*****	IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.3	Ischiorectal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.3	Ischiorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.315	Cellulitis Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.3	Ischiorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10		IPX
L01.00	Impetigo, Unspecified	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L03.213	Periorbital Cellulitis	DX	10	*****	IPP
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
B37.7	Candidal Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****	IPS
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10		IPS
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.111	Cellulitis Of Right Axilla	DX	10		IPX
L03.111	Cellulitis Of Right Axilla	DX	10		IPP
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.224	Furuncle Of Groin	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.32	Furuncle Of Buttock	DX	10	*****	IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****	IPX
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPS
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPP
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPS
L02.412	Cutaneous Abscess Of Left Axilla	DX	10		IPS
L02.411	Cutaneous Abscess Of Right Axilla	DX	10		IPX
L02.412	Cutaneous Abscess Of Left Axilla	DX	10	*****	IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10	*****	IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10	*****	IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.319	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.415	Cellulitis Of Right Upper Limb	DX	10		IPX
L02.413	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
	Cutaneous Abscess Of Right Upper Limb				
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.113	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L02.413	Cellulitis Of Right Upper Limb	DX	10		IPS
	Cutaneous Abscess Of Right Upper Limb				
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.116	Subcutaneous Tissue, Unspecified	DX	10		IPX
L02.415	Cellulitis Of Left Lower Limb	DX	10		IPS
	Cutaneous Abscess Of Right Lower Limb				
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****	IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
G03.9	Meningitis, Unspecified	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
M86.8X9	Other Osteomyelitis, Unspecified Sites	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.422	Furuncle Of Left Axilla	DX	10	*****	IPX
G03.9	Meningitis, Unspecified	DX	10	*****	IPS
A43.0	Pulmonary Nocardiosis	DX	10		IPP
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10		IPX
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L02.621	Furuncle Of Right Foot	DX	10	*****	IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16a. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.90	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.116	Cellulitis, Unspecified	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L02.612	Cellulitis Of Left Lower Limb	DX	10		IPP
	Cutaneous Abscess Of Left Foot				
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10		IPX
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****	IPS
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPP
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****	IPS
L03.213	Periorbital Cellulitis	DX	10		IPX
L03.213	Periorbital Cellulitis	DX	10		IPP
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPS
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****	IPX
L02.818	Cutaneous Abscess Of Other Sites	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPP
L03.211	Cellulitis Of Face	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10		IPP
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L02.92	Furuncle, Unspecified	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.011	Cellulitis Of Right Finger	DX	10		IPS
L03.011	Cellulitis Of Right Finger	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10	*****	IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPS
L08.9	Local Infection Of The Skin And	DX	10	*****	IPX
L03.031	Subcutaneous Tissue, Unspecified	DX	10		IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPP
	Cellulitis Of Right Toe				
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****	IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPP
L03.032	Cellulitis Of Left Toe	DX	10		IPX
L03.032	Cellulitis Of Left Toe	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.314	Cellulitis Of Groin	DX	10	*****	IPX
L03.314	Cellulitis Of Groin	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
M86.162	Other Acute Osteomyelitis, Left Tibia And Fibula	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****	IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPP
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPS
L03.211	Cellulitis Of Face	DX	10	*****	IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
L03.221	Cellulitis Of Neck	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPP

Table 16a. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.221	Cellulitis Of Neck	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPS
L03.314	Cellulitis Of Groin	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPP
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.314	Cellulitis Of Groin	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPP
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****	IPX
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10		IPP

Table 16a. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPP
L03.818	Cellulitis Of Other Sites	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L05.01	Pilonidal Cyst With Abscess	DX	10	*****	IPS
L05.92	Pilonidal Sinus Without Abscess	DX	10	*****	IPX
L05.91	Pilonidal Cyst Without Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPS
M86.142	Other Acute Osteomyelitis, Left Hand	DX	10	*****	IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
M46.20	Osteomyelitis Of Vertebra, Site	DX	10	*****	IPX
J18.9	Unspecified Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPX
N61.1	Abscess Of The Breast And Nipple	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPS
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****	IPX
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10		IPS
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.071	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M86.272	Subacute Osteomyelitis, Left Ankle And Foot	DX	10	*****	IPX
M86.162	Other Acute Osteomyelitis, Left Tibia And Fibula	DX	10		IPX
M86.18	Other Acute Osteomyelitis, Other Site	DX	10	*****	IPS

Table 16a. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
B25.0	Cytomegaloviral Pneumonitis	DX	10	*****	IPP
B25.0	Cytomegaloviral Pneumonitis	DX	10		IPX
A87.8	Other Viral Meningitis	DX	10		IPX
A87.8	Other Viral Meningitis	DX	10		IPS
M86.8X4	Other Osteomyelitis, Hand	DX	10	*****	IPS
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****	IPX
B02.1	Zoster Meningitis	DX	10	*****	IPP
A87.9	Viral Meningitis, Unspecified	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPS
A40.0	Sepsis Due To Streptococcus, Group A	DX	10		IPP
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified	DX	10		IPS
A40.3	Pneumonia	DX	10		IPP
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPX
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified	DX	10		IPX
A40.3	Pneumonia	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****	IPX
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A40.8	Other Streptococcal Sepsis	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPX
A40.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPP
	Streptococcal Sepsis, Unspecified				
R78.81	Bacteremia	DX	10	*****	IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPP
	Staphylococcus Aureus				
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
	Staphylococcus Aureus				
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
	Staphylococcus Aureus				
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
	Staphylococcus Aureus				
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
	Staphylococcus Aureus				
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPS
	Staphylococcus Aureus				
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
	Staphylococcus Aureus				
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
	Staphylococcus Aureus				

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N16	Renal Tubulo-Interstitial Disorders In	DX	10	*****	IPS
A41.51	Diseases Classified Elsewhere	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS

Table 16a. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.52	Sepsis Due To Pseudomonas	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPP
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
B25.0	Cytomegaloviral Pneumonitis	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type	DX	10	*****	IPS
A41.89	Of Pneumonia	DX	10		IPP
	Other Specified Sepsis				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16a. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B59	Pneumocystosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type	DX	10		IPS
J10.00	Of Pneumonia	DX	10		IPX
A41.9	Influenza Due To Other Identified Influenza Virus With Unspecified Type	DX	10		IPX
A41.9	Of Pneumonia	DX	10		IPP
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPX
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10		IPX
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus Sepsis,	DX	10		IPS
A41.9	Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A48.1	Legionnaires' Disease	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.1	Pulmonary Candidiasis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J10.00	Influenza Due To Other Identified	DX	10	*****	IPX
J10.00	Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPS
A41.9	Influenza Due To Other Identified	DX	10		IPX
A41.9	Influenza Virus With Unspecified Type Of Pneumonia	DX	10		IPP
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J13	Pneumonia Due To Streptococcus	DX	10		IPS
J10.08	Pneumoniae	DX	10		IPS
A41.9	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
A41.9	Sepsis, Unspecified Organism				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified	DX	10		IPS
A41.9	Pneumonia	DX	10		IPP
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A48.1	Legionnaires' Disease	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type	DX	10		IPS
A41.9	Of Pneumonia	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of	DX	10		IPS
A41.9	Pneumonia	DX	10		IPP
	Sepsis, Unspecified Organism				

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J12.0	Adenoviral Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus	DX	10		IPS
A41.9	Pneumoniae Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.211	Pneumonia Due To Methicillin Susceptible	DX	10		IPS
A41.9	Staphylococcus Aureus	DX	10		IPP
	Sepsis, Unspecified Organism				
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J16.8	Pneumonia Due To Other Specified	DX	10		IPX
A41.9	Infectious Organisms	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
B59	Pneumocystosis	DX	10		IPS
B59	Pneumocystosis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10	*****	IPS
A41.9	Bleeding	DX	10		IPS
	Sepsis, Unspecified Organism				
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.5	Pneumonia Due To Escherichia Coli	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A04.8	Other Specified Bacterial Intestinal Infections	DX	10		IPX
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J16.0	Chlamydial Pneumonia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
B37.7	Candidal Sepsis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B37.1	Pulmonary Candidiasis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPX
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPP
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPX
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
B59	Pneumocystosis	DX	10		IPP
B59	Pneumocystosis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPS
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPS
J12.2	Parainfluenza Virus Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J12.9	Viral Pneumonia, Unspecified	DX	10		IPS
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.4	Pneumonia Due To Other Streptococci	DX	10		IPS

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****	IPS
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism Pneumonia Due To Mycoplasma	DX	10	*****	IPX
J15.7	Pneumoniae	DX	10		IPP
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism Pneumonia Due To Other Specified	DX	10	*****	IPS
J16.8	Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism Pneumonia Due To Other Specified	DX	10	*****	IPX
J16.8	Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism Pneumonia In Diseases Classified	DX	10	*****	IPX
J17	Elsewhere	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPP
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPP
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPP
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPP
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPP
K37	Unspecified Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPP
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPS
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPP
K35.89	Other Acute Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPP
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS

Table 16aq. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K37	Unspecified Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K35.89	Other Acute Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10	*****	IPS
K36	Other Appendicitis	DX	10	*****	IPX
K38.9	Disease Of Appendix, Unspecified	DX	10	*****	IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
K57.13	Diverticulitis Of Small Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16ar. Total Code Counts* of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts
A41.9	Sepsis, Unspecified Organism	DX	10	715
J18.9	Pneumonia, Unspecified Organism	DX	10	466
K65.1	Peritoneal Abscess	DX	10	219
R65.21	Severe Sepsis With Septic Shock	DX	10	134
K61.1	Rectal Abscess	DX	10	116
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	111
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	105
R78.81	Bacteremia	DX	10	88
R65.20	Severe Sepsis Without Septic Shock	DX	10	88
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	83
L03.115	Cellulitis Of Right Lower Limb	DX	10	79
L03.116	Cellulitis Of Left Lower Limb	DX	10	74
K61.0	Anal Abscess	DX	10	52
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	39
K63.0	Abscess Of Intestine	DX	10	37
N10	Acute Pyelonephritis	DX	10	37
L03.311	Cellulitis Of Abdominal Wall	DX	10	37
A41.89	Other Specified Sepsis	DX	10	36
L03.90	Cellulitis, Unspecified	DX	10	35
J15.9	Unspecified Bacterial Pneumonia	DX	10	33
L03.211	Cellulitis Of Face	DX	10	28
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	28
L03.113	Cellulitis Of Right Upper Limb	DX	10	26
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	26
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	25
K61.2	Anorectal Abscess	DX	10	24
L02.31	Cutaneous Abscess Of Buttock	DX	10	24
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	24
L03.114	Cellulitis Of Left Upper Limb	DX	10	20
L02.91	Cutaneous Abscess, Unspecified	DX	10	20
K65.9	Peritonitis, Unspecified	DX	10	18
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	17
K35.80	Unspecified Acute Appendicitis	DX	10	17
K81.0	Acute Cholecystitis	DX	10	15
L03.317	Cellulitis Of Buttock	DX	10	15
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	15
K35.3	Acute Appendicitis With Localized Peritonitis	DX	10	14
L02.215	Cutaneous Abscess Of Perineum	DX	10	14
I96	Gangrene, Not Elsewhere Classified	DX	10	14
K65.0	Generalized (Acute) Peritonitis	DX	10	14
K68.19	Other Retroperitoneal Abscess	DX	10	14
A41.59	Other Gram-Negative Sepsis	DX	10	13
K65.8	Other Peritonitis	DX	10	13
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	12
K81.9	Cholecystitis, Unspecified	DX	10	11
J18.8	Other Pneumonia, Unspecified Organism	DX	10	11

Table 16ar. Total Code Counts^a of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	11
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	11
K75.0	Abscess Of Liver	DX	10	*****
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****
J13	Pneumonia Due To Streptococcus Pneumoniae	DX	10	*****
K35.2	Acute Appendicitis With Generalized Peritonitis	DX	10	*****
B37.7	Candidal Sepsis	DX	10	*****
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****
L02.413	Cutaneous Abscess Of Right Upper Limb	DX	10	*****
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****
A41.4	Sepsis Due To Anaerobes	DX	10	*****
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****
L03.031	Cellulitis Of Right Toe	DX	10	*****
K37	Unspecified Appendicitis	DX	10	*****
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****
K12.2	Cellulitis And Abscess Of Mouth	DX	10	*****
L03.313	Cellulitis Of Chest Wall	DX	10	*****
L03.314	Cellulitis Of Groin	DX	10	*****
L03.315	Cellulitis Of Perineum	DX	10	*****
L03.011	Cellulitis Of Right Finger	DX	10	*****
L02.414	Cutaneous Abscess Of Left Upper Limb	DX	10	*****
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
J12.9	Viral Pneumonia, Unspecified	DX	10	*****
L03.032	Cellulitis Of Left Toe	DX	10	*****
L03.221	Cellulitis Of Neck	DX	10	*****
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified	DX	10	*****
K61.3	Ischiorectal Abscess	DX	10	*****
B59	Pneumocystosis	DX	10	*****
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****
K85.91	Acute Pancreatitis With Uninfected Necrosis, Unspecified	DX	10	*****
L02.411	Cutaneous Abscess Of Right Axilla	DX	10	*****
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****
K57.12	Diverticulitis Of Small Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****
G03.9	Meningitis, Unspecified	DX	10	*****
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****
A41.81	Sepsis Due To Enterococcus	DX	10	*****
A40.3	Sepsis Due To Streptococcus Pneumoniae	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
L03.012	Cellulitis Of Left Finger	DX	10	*****
L02.612	Cutaneous Abscess Of Left Foot	DX	10	*****
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	*****

Table 16ar. Total Code Counts^a of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
A48.1	Legionnaires' Disease	DX	10	*****
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****
M86.9	Osteomyelitis, Unspecified	DX	10	*****
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
M86.8X7	Other Osteomyelitis, Ankle And Foot	DX	10	*****
A40.8	Other Streptococcal Sepsis	DX	10	*****
J12.2	Parainfluenza Virus Pneumonia	DX	10	*****
L03.213	Periorbital Cellulitis	DX	10	*****
A41.52	Sepsis Due To Pseudomonas	DX	10	*****
N61.1	Abscess Of The Breast And Nipple	DX	10	*****
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****
L03.811	Cellulitis Of Head [any Part, Except Face]	DX	10	*****
L03.818	Cellulitis Of Other Sites	DX	10	*****
L03.111	Cellulitis Of Right Axilla	DX	10	*****
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****
L02.212	Cutaneous Abscess Of Back [any Part, Except Buttock]	DX	10	*****
L02.11	Cutaneous Abscess Of Neck	DX	10	*****
L02.818	Cutaneous Abscess Of Other Sites	DX	10	*****
B25.0	Cytomegaloviral Pneumonitis	DX	10	*****
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****
K36	Other Appendicitis	DX	10	*****
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
J15.3	Pneumonia Due To Streptococcus, Group B	DX	10	*****
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****
A40.0	Sepsis Due To Streptococcus, Group A	DX	10	*****
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****
D73.3	Abscess Of Spleen	DX	10	*****
M86.071	Acute Hematogenous Osteomyelitis, Right Ankle And Foot	DX	10	*****
K85.92	Acute Pancreatitis With Infected Necrosis, Unspecified	DX	10	*****
B39.0	Acute Pulmonary Histoplasmosis Capsulati	DX	10	*****
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10	*****
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10	*****
H60.12	Cellulitis Of Left External Ear	DX	10	*****
K65.3	Choleperitonitis	DX	10	*****
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****
L02.01	Cutaneous Abscess Of Face	DX	10	*****
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10	*****
L02.412	Cutaneous Abscess Of Left Axilla	DX	10	*****
L02.419	Cutaneous Abscess Of Limb, Unspecified	DX	10	*****
L02.219	Cutaneous Abscess Of Trunk, Unspecified	DX	10	*****

Table 16ar. Total Code Counts^a of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts
L02.216	Cutaneous Abscess Of Umbilicus	DX	10	*****
L02.619	Cutaneous Abscess Of Unspecified Foot	DX	10	*****
L02.519	Cutaneous Abscess Of Unspecified Hand	DX	10	*****
A46	Erysipelas	DX	10	*****
K35.89	Other Acute Appendicitis	DX	10	*****
M86.162	Other Acute Osteomyelitis, Left Tibia And Fibula	DX	10	*****
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****
A87.8	Other Viral Meningitis	DX	10	*****
J12.89	Other Viral Pneumonia	DX	10	*****
L05.01	Pilonidal Cyst With Abscess	DX	10	*****
J15.4	Pneumonia Due To Other Streptococci	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
B37.1	Pulmonary Candidiasis	DX	10	*****
H00.039	Abscess Of Eyelid Unspecified Eye, Unspecified Eyelid	DX	10	*****
J85.1	Abscess Of Lung With Pneumonia	DX	10	*****
J12.0	Adenoviral Pneumonia	DX	10	*****
I70.263	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Bilateral Legs	DX	10	*****
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****
L02.231	Carbuncle Of Abdominal Wall	DX	10	*****
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****
J16.0	Chlamydial Pneumonia	DX	10	*****
N73.2	Covid-19, Virus Identified	DX	10	*****
L02.214	Cutaneous Abscess Of Groin	DX	10	*****
L02.512	Cutaneous Abscess Of Left Hand	DX	10	*****
K38.9	Disease Of Appendix, Unspecified	DX	10	*****
K57.13	Diverticulitis Of Small Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
L02.32	Furuncle Of Buttock	DX	10	*****
L02.224	Furuncle Of Groin	DX	10	*****
L02.422	Furuncle Of Left Axilla	DX	10	*****
L02.621	Furuncle Of Right Foot	DX	10	*****
L02.92	Furuncle, Unspecified	DX	10	*****
J85.0	Gangrene And Necrosis Of Lung	DX	10	*****
K85.02	Idiopathic Acute Pancreatitis With Infected Necrosis	DX	10	*****
L01.00	Impetigo, Unspecified	DX	10	*****
J11.08	Influenza Due To Unidentified Influenza Virus With Specified Pneumonia	DX	10	*****
J11.00	Influenza Due To Unidentified Influenza Virus With Unspecified Type Of	DX	10	*****
M72.6	Necrotizing Fasciitis	DX	10	*****
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****
M46.20	Osteomyelitis Of Vertebra, Site Unspecified	DX	10	*****
M86.142	Other Acute Osteomyelitis, Left Hand	DX	10	*****
M86.18	Other Acute Osteomyelitis, Other Site	DX	10	*****
M86.8X4	Other Osteomyelitis, Hand	DX	10	*****
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****
M86.8X9	Other Osteomyelitis, Unspecified Sites	DX	10	*****
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****

Table 16ar. Total Code Counts¹ of Comparator Users and Serious Infection Composite (pre-April 1, 2020) in the Sentinel Distributed Database from October 1, 2016 to March 31, 2020

Code	Code Description	Code Category	Code Type	Overall Counts
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****
L05.92	Pilonidal Sinus Without Abscess	DX	10	*****
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10	*****
J17	Pneumonia In Diseases Classified Elsewhere	DX	10	*****
A43.0	Pulmonary Nocardiosis	DX	10	*****
N16	Renal Tubulo-Interstitial Disorders In Diseases Classified Elsewhere	DX	10	*****
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****
A41.2	Sepsis Due To Unspecified Staphylococcus	DX	10	*****
M86.272	Subacute Osteomyelitis, Left Ankle And Foot	DX	10	*****
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10	*****
A87.9	Viral Meningitis, Unspecified	DX	10	*****
B02.1	Zoster Meningitis	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
A41.9	Sepsis, Unspecified Organism	DX	10	13	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	12	IPX
K65.1	Peritoneal Abscess	DX	10	11	IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K61.0	Anal Abscess	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.80	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without	DX	10	*****	IPS
J18.9	Perforation Or Abscess Without Bleeding	DX	10		IPX
	Pneumonia, Unspecified Organism				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without	DX	10	*****	IPX
K57.20	Perforation Or Abscess Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.93	Diverticulitis Of Intestine, Part Unspecified, Without	DX	10	*****	IPP
K57.93	Perforation Or Abscess With Bleeding	DX	10		IPX
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess With Bleeding				
K65.8	Other Peritonitis	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
D73.3	Abscess Of Spleen	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****	IPX
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10	*****	IPP
K75.0	Abscess Of Liver	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K75.0	Abscess Of Liver	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.032	Cellulitis Of Left Toe	DX	10		IPS
L02.02	Furuncle Of Face	DX	10		IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
I70.262	Atherosclerosis Of Native Arteries Of Extremities With	DX	10		IPX
A48.0	Gangrene, Left Leg	DX	10		IPS
A41.9	Gas Gangrene	DX	10		IPP
	Sepsis, Unspecified Organism				
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPP
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.1	Rectal Abscess	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.315	Cellulitis Of Perineum	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L08.89	Other Specified Local Infections Of The Skin And	DX	10	*****	IPX
K61.0	Subcutaneous Tissue	DX	10		IPX
	Anal Abscess				
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
L01.01	Non-Bullous Impetigo	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10	*****	IPX
L03.211	Cellulitis Of Face	DX	10		IPP
L02.01	Cutaneous Abscess Of Face	DX	10		IPS
L02.01	Cutaneous Abscess Of Face	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue,	DX	10	*****	IPX
L03.90	Unspecified	DX	10		IPX
L02.01	Cellulitis, Unspecified	DX	10		IPX
I33.0	Cutaneous Abscess Of Face	DX	10		IPS
A41.9	Acute And Subacute Infective Endocarditis	DX	10		IPX
A41.89	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Other Specified Sepsis	DX	10		IPS
	Sepsis Due To Other Specified Staphylococcus				
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.315	Cellulitis Of Perineum	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.314	Cellulitis Of Groin	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.222	Furuncle Of Back [any Part, Except Buttock]	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10	*****	IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPP
L02.223	Furuncle Of Chest Wall	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
M72.6	Necrotizing Fasciitis	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L02.612	Cutaneous Abscess Of Left Foot	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPX
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.039	Cellulitis Of Unspecified Toe	DX	10		IPX
L03.032	Cellulitis Of Left Toe	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.112	Cellulitis Of Left Axilla	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPS
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.9	Osteomyelitis, Unspecified	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue,	DX	10	*****	IPX
L03.311	Unspecified	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
	Cellulitis Of Abdominal Wall				
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPP
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue,	DX	10	*****	IPX
L03.317	Unspecified	DX	10		IPX
L03.311	Cellulitis Of Buttock	DX	10		IPX
A41.9	Cellulitis Of Abdominal Wall	DX	10		IPX
A41.89	Sepsis, Unspecified Organism	DX	10		IPS
	Other Specified Sepsis				
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****	IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPX
L05.01	Pilonidal Cyst With Abscess	DX	10		IPP

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.8X8	Other Osteomyelitis, Other Site	DX	10		IPX
M86.8X1	Other Osteomyelitis, Shoulder	DX	10		IPS
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10		IPX
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10		IPX
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
M86.9	Osteomyelitis, Unspecified	DX	10		IPX
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10		IPS
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10		IPP
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
I76	Septic Arterial Embolism	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.5	Pneumonia Due To Escherichia Coli	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10	*****	IPP
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J10.00	Influenza Due To Other Identified Influenza Virus With	DX	10		IPS
A41.9	Unspecified Type Of Pneumonia	DX	10		IPP
	Sepsis, Unspecified Organism				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.1	Pneumonia Due To Pseudomonas	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K36	Other Appendicitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
N10	Acute Pyelonephritis	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****	IPP
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.9	Viral Pneumonia, Unspecified	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****	IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPS

Table 16as. Full Code Distribution¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K36	Other Appendicitis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPP

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16at. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A41.9	Sepsis, Unspecified Organism	DX	10	144
J18.9	Pneumonia, Unspecified Organism	DX	10	75
K65.1	Peritoneal Abscess	DX	10	55
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	42
R78.81	Bacteremia	DX	10	31
R65.21	Severe Sepsis With Septic Shock	DX	10	29
K61.0	Anal Abscess	DX	10	24
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	20
K61.1	Rectal Abscess	DX	10	20
R65.20	Severe Sepsis Without Septic Shock	DX	10	20
L03.115	Cellulitis Of Right Lower Limb	DX	10	16
L03.116	Cellulitis Of Left Lower Limb	DX	10	15
L03.311	Cellulitis Of Abdominal Wall	DX	10	12
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	12
K63.0	Abscess Of Intestine	DX	10	11
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	11
K81.0	Acute Cholecystitis	DX	10	*****
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****
M86.9	Osteomyelitis, Unspecified	DX	10	*****
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	*****
N10	Acute Pyelonephritis	DX	10	*****
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****
K65.8	Other Peritonitis	DX	10	*****
J12.89	Other Viral Pneumonia	DX	10	*****
K65.9	Peritonitis, Unspecified	DX	10	*****
K75.0	Abscess Of Liver	DX	10	*****
A41.59	Other Gram-Negative Sepsis	DX	10	*****
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
L03.90	Cellulitis, Unspecified	DX	10	*****
K81.9	Cholecystitis, Unspecified	DX	10	*****
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****
A41.89	Other Specified Sepsis	DX	10	*****
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
B37.7	Candidal Sepsis	DX	10	*****
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K65.0	Generalized (Acute) Peritonitis	DX	10	*****
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****

Table 16at. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
L03.317	Cellulitis Of Buttock	DX	10	*****
L03.313	Cellulitis Of Chest Wall	DX	10	*****
L02.01	Cutaneous Abscess Of Face	DX	10	*****
I96	Gangrene, Not Elsewhere Classified	DX	10	*****
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****
K68.19	Other Retroperitoneal Abscess	DX	10	*****
N61.1	Abscess Of The Breast And Nipple	DX	10	*****
M86.00	Acute Hematogenous Osteomyelitis, Unspecified Site	DX	10	*****
K61.2	Anorectal Abscess	DX	10	*****
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****
L03.211	Cellulitis Of Face	DX	10	*****
L03.032	Cellulitis Of Left Toe	DX	10	*****
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****
L03.315	Cellulitis Of Perineum	DX	10	*****
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****
L02.811	Cutaneous Abscess Of Head [any Part, Except Face]	DX	10	*****
L02.612	Cutaneous Abscess Of Left Foot	DX	10	*****
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****
K57.93	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess With Bleeding	DX	10	*****
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
M72.6	Necrotizing Fasciitis	DX	10	*****
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****
M46.24	Osteomyelitis Of Vertebra, Thoracic Region	DX	10	*****
M86.172	Other Acute Osteomyelitis, Left Ankle And Foot	DX	10	*****
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
K36	Other Appendicitis	DX	10	*****
L05.01	Pilonidal Cyst With Abscess	DX	10	*****
J15.5	Pneumonia Due To Escherichia Coli	DX	10	*****
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****
A41.4	Sepsis Due To Anaerobes	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****
K35.80	Unspecified Acute Appendicitis	DX	10	*****
D73.3	Abscess Of Spleen	DX	10	*****
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****
N73.0	Acute Parametritis And Pelvic Cellulitis	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
I70.262	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Left Leg	DX	10	*****
L03.314	Cellulitis Of Groin	DX	10	*****
L03.112	Cellulitis Of Left Axilla	DX	10	*****
L03.039	Cellulitis Of Unspecified Toe	DX	10	*****
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****

Table 16at. Total Code Counts¹ of Ustekinumab Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	*****
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K85.30	Drug Induced Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
L02.222	Furuncle Of Back [any Part, Except Buttock]	DX	10	*****
L02.223	Furuncle Of Chest Wall	DX	10	*****
L02.02	Furuncle Of Face	DX	10	*****
A48.0	Gas Gangrene	DX	10	*****
J10.00	Influenza Due To Other Identified Influenza Virus With Unspecified Type Of Pneumonia	DX	10	*****
K55.30	Necrotizing Enterocolitis, Unspecified	DX	10	*****
L01.01	Non-Bullous Impetigo	DX	10	*****
M46.26	Osteomyelitis Of Vertebra, Lumbar Region	DX	10	*****
M46.27	Osteomyelitis Of Vertebra, Lumbosacral Region	DX	10	*****
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****
M86.8X8	Other Osteomyelitis, Other Site	DX	10	*****
M86.8X1	Other Osteomyelitis, Shoulder	DX	10	*****
L08.89	Other Specified Local Infections Of The Skin And Subcutaneous Tissue	DX	10	*****
A40.8	Other Streptococcal Sepsis	DX	10	*****
L05.91	Pilonidal Cyst Without Abscess	DX	10	*****
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****
A41.81	Sepsis Due To Enterococcus	DX	10	*****
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
M86.271	Subacute Osteomyelitis, Right Ankle And Foot	DX	10	*****
K37	Unspecified Appendicitis	DX	10	*****
J12.9	Viral Pneumonia, Unspecified	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	50	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	36	IPX
K65.1	Peritoneal Abscess	DX	10	25	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	18	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	14	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
K61.1	Rectal Abscess	DX	10	13	IPX
K65.1	Peritoneal Abscess	DX	10	11	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
R78.81	Bacteremia	DX	10	11	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	11	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
K35.80	Unspecified Acute Appendicitis	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10	*****	IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPP

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K61.0	Anal Abscess	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.213	Periorbital Cellulitis	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10	*****	IPP
A41.89	Other Specified Sepsis	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
K36	Other Appendicitis	DX	10	*****	IPX
K57.21	Diverticulitis Of Large Intestine With Perforation And Abscess With	DX	10	*****	IPX
K57.20	Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without	DX	10		IPS
	Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without				
	Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10	*****	IPP
	Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine Without Perforation Or Abscess				
	Without Bleeding				
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10	*****	IPX
K57.32	Without Bleeding	DX	10		IPS
	Diverticulitis Of Large Intestine Without Perforation Or Abscess				
	Without Bleeding				

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K75.0	Abscess Of Liver	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10		IPX
A41.9	Without Bleeding	DX	10		IPX
A41.9	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
	Sepsis, Unspecified Organism				
	Sepsis, Unspecified Organism				
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10		IPS
K57.20	Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And	DX	10	*****	IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.32	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10		IPX
A41.9	Without Bleeding	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
	Sepsis, Unspecified Organism				

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess	DX	10	*****	IPX
K57.20	Without Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPP
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPS
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.40	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.41	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX
A41.9	Abscess With Bleeding	DX	10		IPX
K57.92	Sepsis, Unspecified Organism				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	*****	IPX
K57.53	Diverticulitis Of Both Small And Large Intestine Without Perforation Or Abscess With Bleeding	DX	10		IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	*****	IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.0	Generalized (Acute) Peritonitis	DX	10		IPS
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10		IPS
A41.9	Abscess Without Bleeding	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
	Sepsis, Unspecified Organism				

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.80	Abscess Without Bleeding	DX	10		IPX
K57.20	Diverticulitis Of Intestine, Part Unspecified, With Perforation And	DX	10		IPP
K57.20	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K57.92	Abscess Without Bleeding	DX	10		IPP
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding				
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPS
K57.92	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding				
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPS
K63.0	Abscess Of Intestine	DX	10	*****	IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10		IPX
K57.20	Abscess Without Bleeding	DX	10		IPX
	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding				
K68.19	Other Retroperitoneal Abscess	DX	10	*****	IPS
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10		IPX
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or	DX	10	*****	IPX
K35.80	Abscess Without Bleeding	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPS
	Unspecified Acute Appendicitis				
K63.0	Abscess Of Intestine	DX	10	*****	IPS
K63.0	Abscess Of Intestine	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K63.0	Abscess Of Intestine	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
K65.9	Peritonitis, Unspecified	DX	10		IPX
K63.0	Abscess Of Intestine	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10	*****	IPX

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.0	Generalized (Acute) Peritonitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPP
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPP
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K75.0	Abscess Of Liver	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K75.0	Abscess Of Liver	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
K37	Unspecified Appendicitis	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K68.19	Other Retroperitoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
K65.1	Peritoneal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPS
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10		IPX
K65.8	Other Peritonitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K65.1	Peritoneal Abscess	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.4	Sepsis Due To Anaerobes	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPS
K65.1	Peritoneal Abscess	DX	10		IPX
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.1	Peritoneal Abscess	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPS

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K65.1	Peritoneal Abscess	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
K65.1	Peritoneal Abscess	DX	10		IPX
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****	IPS
K65.2	Spontaneous Bacterial Peritonitis	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
K65.8	Other Peritonitis	DX	10	*****	IPS
K65.8	Other Peritonitis	DX	10	*****	IPS
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10		IPX
K65.9	Peritonitis, Unspecified	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
K65.9	Peritonitis, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
K65.9	Peritonitis, Unspecified	DX	10	*****	IPX
K75.0	Abscess Of Liver	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10		IPX
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPP
K81.0	Acute Cholecystitis	DX	10	*****	IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.12	Biliary Acute Pancreatitis With Infected Necrosis	DX	10		IPX
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10		IPX
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K81.0	Acute Cholecystitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPS
K81.9	Cholecystitis, Unspecified	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10	*****	IPS
K81.9	Cholecystitis, Unspecified	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPP
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****	IPS
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10	*****	IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPP
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A48.0	Gas Gangrene	DX	10	*****	IPS

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
M72.6	Necrotizing Fasciitis	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.2	Anorectal Abscess	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
A48.0	Gas Gangrene	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPX
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
A48.0	Gas Gangrene	DX	10		IPX
H05.021	Osteomyelitis Of Right Orbit	DX	10	*****	IPS
H05.021	Osteomyelitis Of Right Orbit	DX	10		IPX
H05.011	Cellulitis Of Right Orbit	DX	10		IPX
H05.011	Cellulitis Of Right Orbit	DX	10		IPS
L03.213	Periorbital Cellulitis	DX	10	*****	IPS
H05.012	Cellulitis Of Left Orbit	DX	10		IPP
H05.012	Cellulitis Of Left Orbit	DX	10		IPX
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10	*****	IPS
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
I96	Gangrene, Not Elsewhere Classified	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
I96	Gangrene, Not Elsewhere Classified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
K61.0	Anal Abscess	DX	10	*****	IPP
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
K61.0	Anal Abscess	DX	10		IPX
K61.0	Anal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPP
K61.0	Anal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.0	Anal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS
K61.1	Rectal Abscess	DX	10		IPS
K61.1	Rectal Abscess	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.1	Rectal Abscess	DX	10	*****	IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10	*****	IPP
K61.1	Rectal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPX
K61.1	Rectal Abscess	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
K61.1	Rectal Abscess	DX	10		IPX

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
K61.1	Rectal Abscess	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
K61.2	Anorectal Abscess	DX	10	*****	IPS
K61.2	Anorectal Abscess	DX	10	*****	IPX
L03.221	Cellulitis Of Neck	DX	10	*****	IPS
L03.221	Cellulitis Of Neck	DX	10		IPX
L02.11	Cutaneous Abscess Of Neck	DX	10		IPX
L02.11	Cutaneous Abscess Of Neck	DX	10		IPP
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPP
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
K37	Unspecified Appendicitis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****	IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPS

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L02.214	Cutaneous Abscess Of Groin	DX	10	*****	IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****	IPS
L02.213	Cutaneous Abscess Of Chest Wall	DX	10		IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPS
L02.215	Cutaneous Abscess Of Perineum	DX	10		IPX
L02.214	Cutaneous Abscess Of Groin	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10		IPS
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A40.8	Other Streptococcal Sepsis	DX	10		IPS
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPP
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPX
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPP
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10		IPX
G03.9	Meningitis, Unspecified	DX	10	*****	IPX
B00.3	Herpesviral Meningitis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPS
L02.511	Cutaneous Abscess Of Right Hand	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPS
L02.512	Cutaneous Abscess Of Left Hand	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPS
L02.521	Furuncle Right Hand	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPP
L02.611	Cutaneous Abscess Of Right Foot	DX	10		IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPS
L02.91	Cutaneous Abscess, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
L02.91	Cutaneous Abscess, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.8	Other Streptococcal Sepsis	DX	10		IPP
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPX
L03.011	Cellulitis Of Right Finger	DX	10		IPP
M86.8X4	Other Osteomyelitis, Hand	DX	10	*****	IPS
L03.011	Cellulitis Of Right Finger	DX	10		IPP
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPX
L03.019	Cellulitis Of Unspecified Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPX
L03.012	Cellulitis Of Left Finger	DX	10		IPP
L03.031	Cellulitis Of Right Toe	DX	10	*****	IPX
L03.031	Cellulitis Of Right Toe	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.031	Cellulitis Of Right Toe	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPP
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
L03.113	Cellulitis Of Right Upper Limb	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.114	Cellulitis Of Left Upper Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
L03.114	Cellulitis Of Left Upper Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10	*****	IPS
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPX
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10		IPS
L03.115	Cellulitis Of Right Lower Limb	DX	10		IPX
L03.115	Cellulitis Of Right Lower Limb	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPX
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPP
L03.116	Cellulitis Of Left Lower Limb	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
L03.211	Cellulitis Of Face	DX	10		IPP
L03.211	Cellulitis Of Face	DX	10		IPX
L03.213	Periorbital Cellulitis	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPX
L03.311	Cellulitis Of Abdominal Wall	DX	10		IPS
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10		IPX
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10		IPS
L03.311	Cellulitis Of Abdominal Wall	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****	IPX
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
L03.313	Cellulitis Of Chest Wall	DX	10		IPX
L03.313	Cellulitis Of Chest Wall	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.818	Cellulitis Of Other Sites	DX	10		IPX
L03.315	Cellulitis Of Perineum	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPP
L03.317	Cellulitis Of Buttock	DX	10	*****	IPX
L03.317	Cellulitis Of Buttock	DX	10		IPS

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.319	Cellulitis Of Trunk, Unspecified	DX	10		IPX
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
L03.90	Cellulitis, Unspecified	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPS
B37.7	Candidal Sepsis	DX	10		IPS
L03.90	Cellulitis, Unspecified	DX	10	*****	IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPP
M86.9	Osteomyelitis, Unspecified	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
M72.6	Necrotizing Fasciitis	DX	10	*****	IPX
M72.6	Necrotizing Fasciitis	DX	10		IPP
N61.1	Abscess Of The Breast And Nipple	DX	10	*****	IPS
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
M86.062	Acute Hematogenous Osteomyelitis, Left Tibia And Fibula	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
M86.8X3	Other Osteomyelitis, Forearm	DX	10	*****	IPS
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****	IPS
A87.9	Viral Meningitis, Unspecified	DX	10	*****	IPP
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
M86.9	Osteomyelitis, Unspecified	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
A02.1	Salmonella Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A40.9	Streptococcal Sepsis, Unspecified	DX	10		IPS
A40.8	Other Streptococcal Sepsis	DX	10		IPX
A40.1	Sepsis Due To Streptococcus, Group B	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****	IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
I76	Septic Arterial Embolism	DX	10		IPX
I76	Septic Arterial Embolism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPP
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPP
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10		IPS

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPS
R78.81	Bacteremia	DX	10		IPX
A41.4	Sepsis Due To Anaerobes	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.50	Gram-Negative Sepsis, Unspecified	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPS
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.52	Sepsis Due To Pseudomonas	DX	10		IPP

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.53	Sepsis Due To Serratia	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R78.81	Bacteremia	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.59	Other Gram-Negative Sepsis	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10		IPS
A41.81	Sepsis Due To Enterococcus	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPS
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J10.08	Influenza Due To Other Identified Influenza Virus With Other	DX	10		IPS
A41.9	Specified Pneumonia	DX	10		IPX
A41.89	Sepsis, Unspecified Organism	DX	10		IPP
	Other Specified Sepsis				
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other	DX	10		IPS
A41.9	Specified Pneumonia	DX	10		IPX
A41.89	Sepsis, Unspecified Organism	DX	10		IPP
	Other Specified Sepsis				
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J12.89	Other Viral Pneumonia	DX	10		IPS
A41.89	Other Specified Sepsis	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPX
A41.89	Other Specified Sepsis	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.89	Other Specified Sepsis	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J14	Pneumonia Due To Hemophilus Influenzae	DX	10		IPX
J14	Pneumonia Due To Hemophilus Influenzae	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A48.1	Legionnaires' Disease	DX	10	*****	IPX
A48.1	Legionnaires' Disease	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPP

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPP
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPX
R65.21	Severe Sepsis With Septic Shock	DX	10		IPS
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R65.21	Severe Sepsis With Septic Shock	DX	10	*****	IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPS
R78.81	Bacteremia	DX	10	*****	IPS
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10		IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
B38.2	Pulmonary Coccidioidomycosis,	DX	10		IPX
B38.0	Unspecified	DX	10		IPS
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
A41.9	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
	Sepsis, Unspecified Organism				
R78.81	Bacteremia	DX	10	*****	IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
B59	Pneumocystosis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPX
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPP
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
N10	Acute Pyelonephritis	DX	10	*****	IPX
A41.9	Sepsis, Unspecified Organism	DX	10		IPX
B37.7	Candidal Sepsis	DX	10	*****	IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPS
R78.81	Bacteremia	DX	10	*****	IPX
R78.81	Bacteremia	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPX
I33.0	Acute And Subacute Infective Endocarditis	DX	10		IPS
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****	IPX
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
R65.20	Severe Sepsis Without Septic Shock	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
R78.81	Bacteremia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
A31.0	Pulmonary Mycobacterial Infection	DX	10		IPX
B59	Pneumocystosis	DX	10	*****	IPS
A43.0	Pulmonary Nocardiosis	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPX
A48.1	Legionnaires' Disease	DX	10		IPP
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10	*****	IPX
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10		IPX
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10	*****	IPX
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10		IPS
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
B59	Pneumocystosis	DX	10		IPX
B59	Pneumocystosis	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPS
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10		IPP
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****	IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****	IPP
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPX
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10	*****	IPS
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J12.89	Other Viral Pneumonia	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPS

Table 16au. Full Code Distribution[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.89	Other Viral Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPX
J12.9	Viral Pneumonia, Unspecified	DX	10		IPP
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10		IPS
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****	IPS
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****	IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10		IPS
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPS
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10		IPX
J18.0	Bronchopneumonia, Unspecified Organism	DX	10		IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	*****	IPX
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPS
J15.9	Unspecified Bacterial Pneumonia	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J15.9	Unspecified Bacterial Pneumonia	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPS
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10		IPX
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPP
J18.9	Pneumonia, Unspecified Organism	DX	10	*****	IPX
J18.9	Pneumonia, Unspecified Organism	DX	10		IPP
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10		IPX
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPS
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****	IPX

Table 16au. Full Code Distribution¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts	Encounter Care Setting
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
N10	Acute Pyelonephritis	DX	10		IPP
N10	Acute Pyelonephritis	DX	10	*****	IPS
N10	Acute Pyelonephritis	DX	10	*****	IPX
N10	Acute Pyelonephritis	DX	10		IPS
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****	IPX
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPS
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10		IPS
K35.80	Unspecified Acute Appendicitis	DX	10		IPX
K37	Unspecified Appendicitis	DX	10	*****	IPX
K37	Unspecified Appendicitis	DX	10		IPS
K38.9	Disease Of Appendix, Unspecified	DX	10	*****	IPX
K57.01	Diverticulitis Of Small Intestine With Perforation And Abscess With Bleeding	DX	10	*****	IPX
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPS
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10		IPP
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****	IPX

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The full distribution of codes listed in the table refer to codes used to define the outcome in the specified exposure group, stratified by code category, code type, and encounter care setting such that each reported frequency represents a unique combination of code, code category, code type, and encounter care setting. If multiple codes occur on the same day, all the codes from that day are compiled together and that compilation is considered as one code count for the purpose of the table.

Table 16av. Total Code Counts[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A41.9	Sepsis, Unspecified Organism	DX	10	363
J18.9	Pneumonia, Unspecified Organism	DX	10	249
K65.1	Peritoneal Abscess	DX	10	141
R65.21	Severe Sepsis With Septic Shock	DX	10	86
R65.20	Severe Sepsis Without Septic Shock	DX	10	78
L02.211	Cutaneous Abscess Of Abdominal Wall	DX	10	62
R78.81	Bacteremia	DX	10	58
L03.115	Cellulitis Of Right Lower Limb	DX	10	46
L03.116	Cellulitis Of Left Lower Limb	DX	10	40
K57.32	Diverticulitis Of Large Intestine Without Perforation Or Abscess Without Bleeding	DX	10	35
K61.1	Rectal Abscess	DX	10	35
K57.92	Diverticulitis Of Intestine, Part Unspecified, Without Perforation Or Abscess Without Bleeding	DX	10	30
K85.90	Acute Pancreatitis Without Necrosis Or Infection, Unspecified	DX	10	27
L03.311	Cellulitis Of Abdominal Wall	DX	10	25
A41.89	Other Specified Sepsis	DX	10	24
N10	Acute Pyelonephritis	DX	10	23
K61.0	Anal Abscess	DX	10	23
J18.1	Lobar Pneumonia, Unspecified Organism	DX	10	23
J15.9	Unspecified Bacterial Pneumonia	DX	10	23
J12.89	Other Viral Pneumonia	DX	10	22
L03.90	Cellulitis, Unspecified	DX	10	18
L02.215	Cutaneous Abscess Of Perineum	DX	10	17
A41.51	Sepsis Due To Escherichia Coli [e. Coli]	DX	10	17
K81.0	Acute Cholecystitis	DX	10	14
K57.20	Diverticulitis Of Large Intestine With Perforation And Abscess Without Bleeding	DX	10	14
L02.91	Cutaneous Abscess, Unspecified	DX	10	13
K65.9	Peritonitis, Unspecified	DX	10	12
K63.0	Abscess Of Intestine	DX	10	11
L03.114	Cellulitis Of Left Upper Limb	DX	10	11
L03.317	Cellulitis Of Buttock	DX	10	*****
K65.8	Other Peritonitis	DX	10	*****
A41.59	Other Gram-Negative Sepsis	DX	10	*****
K35.80	Unspecified Acute Appendicitis	DX	10	*****
J18.8	Other Pneumonia, Unspecified Organism	DX	10	*****
K61.2	Anorectal Abscess	DX	10	*****
K85.10	Biliary Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
L02.31	Cutaneous Abscess Of Buttock	DX	10	*****
I96	Gangrene, Not Elsewhere Classified	DX	10	*****
A41.02	Sepsis Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
K75.0	Abscess Of Liver	DX	10	*****
I33.0	Acute And Subacute Infective Endocarditis	DX	10	*****
L02.416	Cutaneous Abscess Of Left Lower Limb	DX	10	*****
L08.9	Local Infection Of The Skin And Subcutaneous Tissue, Unspecified	DX	10	*****
L03.213	Periorbital Cellulitis	DX	10	*****
J12.1	Respiratory Syncytial Virus Pneumonia	DX	10	*****

Table 16av. Total Code Counts[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
A41.01	Sepsis Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
A41.1	Sepsis Due To Other Specified Staphylococcus	DX	10	*****
K37	Unspecified Appendicitis	DX	10	*****
L03.011	Cellulitis Of Right Finger	DX	10	*****
K81.9	Cholecystitis, Unspecified	DX	10	*****
L02.214	Cutaneous Abscess Of Groin	DX	10	*****
K57.80	Diverticulitis Of Intestine, Part Unspecified, With Perforation And Abscess Without Bleeding	DX	10	*****
M86.9	Osteomyelitis, Unspecified	DX	10	*****
J15.212	Pneumonia Due To Methicillin Resistant Staphylococcus Aureus	DX	10	*****
J15.6	Pneumonia Due To Other Gram-Negative Bacteria	DX	10	*****
J16.8	Pneumonia Due To Other Specified Infectious Organisms	DX	10	*****
J12.81	Pneumonia Due To Sars-Associated Coronavirus	DX	10	*****
B38.0	Acute Pulmonary Coccidioidomycosis	DX	10	*****
B37.7	Candidal Sepsis	DX	10	*****
L03.113	Cellulitis Of Right Upper Limb	DX	10	*****
L03.119	Cellulitis Of Unspecified Part Of Limb	DX	10	*****
L02.415	Cutaneous Abscess Of Right Lower Limb	DX	10	*****
A41.50	Gram-Negative Sepsis, Unspecified	DX	10	*****
J10.08	Influenza Due To Other Identified Influenza Virus With Other Specified Pneumonia	DX	10	*****
A48.1	Legionnaires' Disease	DX	10	*****
M86.171	Other Acute Osteomyelitis, Right Ankle And Foot	DX	10	*****
K85.80	Other Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
A40.8	Other Streptococcal Sepsis	DX	10	*****
B59	Pneumocystosis	DX	10	*****
J15.8	Pneumonia Due To Other Specified Bacteria	DX	10	*****
B38.2	Pulmonary Coccidioidomycosis, Unspecified	DX	10	*****
A41.52	Sepsis Due To Pseudomonas	DX	10	*****
J12.9	Viral Pneumonia, Unspecified	DX	10	*****
K85.11	Biliary Acute Pancreatitis With Uninfected Necrosis	DX	10	*****
L03.031	Cellulitis Of Right Toe	DX	10	*****
L02.611	Cutaneous Abscess Of Right Foot	DX	10	*****
K57.33	Diverticulitis Of Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
A48.0	Gas Gangrene	DX	10	*****
K65.0	Generalized (Acute) Peritonitis	DX	10	*****
M72.6	Necrotizing Fasciitis	DX	10	*****
J14	Pneumonia Due To Hemophilus Influenzae	DX	10	*****
J15.0	Pneumonia Due To Klebsiella Pneumoniae	DX	10	*****
A41.4	Sepsis Due To Anaerobes	DX	10	*****
K65.2	Spontaneous Bacterial Peritonitis	DX	10	*****
K81.2	Acute Cholecystitis With Chronic Cholecystitis	DX	10	*****
A04.9	Bacterial Intestinal Infection, Unspecified	DX	10	*****
L03.312	Cellulitis Of Back [any Part Except Buttock]	DX	10	*****
L03.313	Cellulitis Of Chest Wall	DX	10	*****
L03.211	Cellulitis Of Face	DX	10	*****
L03.012	Cellulitis Of Left Finger	DX	10	*****

Table 16av. Total Code Counts[†] of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
H05.012	Cellulitis Of Left Orbit	DX	10	*****
L03.221	Cellulitis Of Neck	DX	10	*****
L03.818	Cellulitis Of Other Sites	DX	10	*****
H05.011	Cellulitis Of Right Orbit	DX	10	*****
L02.213	Cutaneous Abscess Of Chest Wall	DX	10	*****
L02.11	Cutaneous Abscess Of Neck	DX	10	*****
L02.511	Cutaneous Abscess Of Right Hand	DX	10	*****
K57.00	Diverticulitis Of Small Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K85.00	Idiopathic Acute Pancreatitis Without Necrosis Or Infection	DX	10	*****
H05.021	Osteomyelitis Of Right Orbit	DX	10	*****
M46.28	Osteomyelitis Of Vertebra, Sacral And Sacrococcygeal Region	DX	10	*****
K36	Other Appendicitis	DX	10	*****
K68.19	Other Retroperitoneal Abscess	DX	10	*****
J15.211	Pneumonia Due To Methicillin Susceptible Staphylococcus Aureus	DX	10	*****
J15.1	Pneumonia Due To Pseudomonas	DX	10	*****
J15.20	Pneumonia Due To Staphylococcus, Unspecified	DX	10	*****
A41.81	Sepsis Due To Enterococcus	DX	10	*****
I76	Septic Arterial Embolism	DX	10	*****
N61.1	Abscess Of The Breast And Nipple	DX	10	*****
M86.062	Acute Hematogenous Osteomyelitis, Left Tibia And Fibula	DX	10	*****
I70.268	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Other Extremity	DX	10	*****
I70.261	Atherosclerosis Of Native Arteries Of Extremities With Gangrene, Right Leg	DX	10	*****
K85.12	Biliary Acute Pancreatitis With Infected Necrosis	DX	10	*****
J18.0	Bronchopneumonia, Unspecified Organism	DX	10	*****
L03.315	Cellulitis Of Perineum	DX	10	*****
L03.319	Cellulitis Of Trunk, Unspecified	DX	10	*****
L03.019	Cellulitis Of Unspecified Finger	DX	10	*****
L02.512	Cutaneous Abscess Of Left Hand	DX	10	*****
K38.9	Disease Of Appendix, Unspecified	DX	10	*****
K57.41	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****
K57.40	Diverticulitis Of Both Small And Large Intestine With Perforation And Abscess Without Bleeding	DX	10	*****
K57.53	Diverticulitis Of Both Small And Large Intestine Without Perforation Or Abscess With Bleeding	DX	10	*****
K57.21	Diverticulitis Of Large Intestine With Perforation And Abscess With Bleeding	DX	10	*****
K57.01	Diverticulitis Of Small Intestine With Perforation And Abscess With Bleeding	DX	10	*****
L02.521	Furuncle Right Hand	DX	10	*****
B00.3	Herpesviral Meningitis	DX	10	*****
G03.9	Meningitis, Unspecified	DX	10	*****
M46.22	Osteomyelitis Of Vertebra, Cervical Region	DX	10	*****
M86.8X3	Other Osteomyelitis, Forearm	DX	10	*****
M86.8X4	Other Osteomyelitis, Hand	DX	10	*****
M86.8X6	Other Osteomyelitis, Lower Leg	DX	10	*****
A04.8	Other Specified Bacterial Intestinal Infections	DX	10	*****
J15.7	Pneumonia Due To Mycoplasma Pneumoniae	DX	10	*****

Table 16av. Total Code Counts¹ of Comparator Users and Serious Infection Composite (post-April 1, 2020) in the Sentinel Distributed Database from April 1, 2020 to June 30, 2023

Code	Code Description	Code Category	Code Type	Overall Counts
B39.2	Pulmonary Histoplasmosis Capsulati, Unspecified	DX	10	*****
A31.0	Pulmonary Mycobacterial Infection	DX	10	*****
A43.0	Pulmonary Nocardiosis	DX	10	*****
A02.1	Salmonella Sepsis	DX	10	*****
A41.53	Sepsis Due To Serratia	DX	10	*****
A40.1	Sepsis Due To Streptococcus, Group B	DX	10	*****
A40.9	Streptococcal Sepsis, Unspecified	DX	10	*****
A87.9	Viral Meningitis, Unspecified	DX	10	*****

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

¹The total code counts listed in the table refer to codes used to define outcomes in the specified exposure group. The encounter care setting is not included in this table and codes occurring on the same day are individually counted in the overall code count for each code.

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Ustekinumab Users and Serious Infection Composite or COVID-19		Comparator Users and Serious Infection Composite or COVID-19		Ustekinumab Users and Serious Infection Composite	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	334,994,519	N/A	334,994,519	N/A	334,994,519	N/A
Had required coverage type (medical and/or drug coverage)	248,116,506	86,878,013	248,116,506	86,878,013	248,116,506	86,878,013
Enrolled during specified age range	191,172,615	56,943,891	191,172,615	56,943,891	191,172,615	56,943,891
Had requestable medical charts	191,172,615	0	191,172,615	0	191,172,615	0
Met demographic requirements (sex, race, and Hispanic origin)	191,114,510	58,105	191,114,510	58,105	191,114,510	58,105
Members with a valid index event						
Had any cohort-defining claim during the query period	113,059	191,001,451	719,425	190,395,085	113,059	191,001,451
Claim recorded during specified age range	112,400	659	712,834	6,591	112,400	659
Evidence of non-indexing comparator drug	112,400	0	712,802	32	112,400	0
Episode defining index claim recorded during the query period	101,433	10,967	580,286	132,516	101,433	10,967
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	71,601	29,832	367,751	212,535	71,601	29,832
Met inclusion and exclusion criteria ¹	20,589	51,012	52,697	315,054	20,589	51,012
<i>Evidence of hiv_organtrans</i>	N/A	893	N/A	4,011	N/A	893
<i>Evidence of post_index_inf</i>	N/A	106	N/A	540	N/A	106
<i>Evidence of pre_existing</i>	N/A	48,555	N/A	292,237	N/A	48,555
<i>Evidence of sameday_exp</i>	N/A	262	N/A	244	N/A	262
<i>Evidence of ustekinumab</i>	N/A	N/A	N/A	5,164	N/A	N/A
<i>No evidence of crohns_disease</i>	N/A	41,859	N/A	292,311	N/A	41,859
Met event incidence criteria	20,589	0	52,645*	0	20,589	0
Members with required post-index follow-up						
Had sufficient post-index continuous enrollment	20,589	0	52,645	0	20,589	0
Had minimum days' supply on index date	20,589	0	52,645	0	20,589	0
Had index episode of at least required length	20,589	0	52,645	0	20,589	0
Had index episode longer than blackout period	20,589	0	52,645	0	20,589	0
Did not have an event during blackout period	20,589	0	52,645	0	20,589	0

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Ustekinumab Users and Serious Infection Composite or COVID-19		Comparator Users and Serious Infection Composite or COVID-19		Ustekinumab Users and Serious Infection Composite	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Final cohort						
Number of members	20,589	N/A	52,645	N/A	20,589	N/A
Number of episodes	20,589	N/A	52,645	N/A	20,589	N/A

¹Patients can meet multiple inclusion and/or exclusion criteria; therefore, the total number of patients excluded overall may not equal the sum of all patients in each criterion.

N/A: Not applicable

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Comparator Users and Serious Infection Composite		Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)		Comparator Users and Serious Infection Composite (pre-April 1, 2020)	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	334,994,519	N/A	276,537,474	N/A	276,537,474	N/A
Had required coverage type (medical and/or drug coverage)	248,116,506	86,878,013	205,978,806	70,558,668	205,978,806	70,558,668
Enrolled during specified age range	191,172,615	56,943,891	152,180,519	53,798,287	152,180,519	53,798,287
Had requestable medical charts	191,172,615	0	152,180,519	0	152,180,519	0
Met demographic requirements (sex, race, and Hispanic origin)	191,114,510	58,105	152,150,326	30,193	152,150,326	30,193
Members with a valid index event						
Had any cohort-defining claim during the query period	719,425	190,395,085	70,668	152,079,658	504,684	151,645,642
Claim recorded during specified age range	712,834	6,591	70,434	234	501,488	3,196
Evidence of non-indexing comparator drug	712,802	32	70,434	0	501,468	20
Episode defining index claim recorded during the query period	580,286	132,516	59,317	11,117	363,404	138,064
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	367,751	212,535	43,041	16,276	232,374	131,030
Met inclusion and exclusion criteria ¹	52,697	315,054	10,937	32,104	34,656	197,718
<i>Evidence of hiv_organtrans</i>	N/A	4,011	N/A	494	N/A	2,379
<i>Evidence of post_index_inf</i>	N/A	540	N/A	62	N/A	334
<i>Evidence of pre_existing</i>	N/A	292,237	N/A	30,615	N/A	184,327
<i>Evidence of sameday_exp</i>	N/A	244	N/A	167	N/A	136
<i>Evidence of ustekinumab</i>	N/A	5,164	N/A	N/A	N/A	2,405
<i>No evidence of crohns_disease</i>	N/A	292,311	N/A	27,300	N/A	183,375
Met event incidence criteria	52,645*	0	10,937	0	34,625*	0
Members with required post-index follow-up						
Had sufficient post-index continuous enrollment	52,645	0	10,937	0	34,625	0
Had minimum days' supply on index date	52,645	0	10,937	0	34,625	0
Had index episode of at least required length	52,645	0	10,937	0	34,625	0
Had index episode longer than blackout period	52,645	0	10,937	0	34,625	0
Did not have an event during blackout period	52,645	0	10,937	0	34,625	0

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Comparator Users and Serious Infection Composite		Ustekinumab Users and Serious Infection Composite (pre-April 1, 2020)		Comparator Users and Serious Infection Composite (pre-April 1, 2020)	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Final cohort	Final cohort					
Number of members	52,645	N/A	10,937	N/A	34,625	N/A
Number of episodes	52,645	N/A	10,937	N/A	34,625	N/A

*Any difference between row 24 and row 17 (comparator users only) reflect the patients who were additionally excluded at one of the criteria between rows 13 to 23. The exact details for exclusion of these patients are not known.

N/A: Not applicable

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)		Comparator Users and Serious Infection Composite (post-April 1, 2020)		Ustekinumab Users and Acute Meningitis	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	227,197,484	N/A	227,197,484	N/A	334,994,519	N/A
Had required coverage type (medical and/or drug coverage)	165,925,655	61,271,829	165,925,655	61,271,829	248,116,506	86,878,013
Enrolled during specified age range	124,166,790	41,758,865	124,166,790	41,758,865	191,172,615	56,943,891
Had requestable medical charts	124,166,790	0	124,166,790	0	191,172,615	0
Met demographic requirements (sex, race, and Hispanic origin)	124,128,760	38,030	124,128,760	38,030	191,114,510	58,105
Members with a valid index event						
Had any cohort-defining claim during the query period	71,640	124,057,120	427,556	123,701,204	113,059	191,001,451
Claim recorded during specified age range	71,384	256	426,134	1,422	112,400	659
Evidence of non-indexing comparator drug	71,384	0	426,110	24	112,400	0
Episode defining index claim recorded during the query period	47,217	24,167	248,691	177,419	101,433	10,967
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	31,812	15,405	153,888	94,803	71,601	29,832
Met inclusion and exclusion criteria ¹	10,211	21,601	20,659	133,229	20,589	51,012
<i>Evidence of hiv_organtrans</i>	N/A	434	N/A	1,839	N/A	893
<i>Evidence of post_index_inf</i>	N/A	45	N/A	208	N/A	106
<i>Evidence of pre_existing</i>	N/A	20,332	N/A	121,995	N/A	48,555
<i>Evidence of sameday_exp</i>	N/A	97	N/A	113	N/A	262
<i>Evidence of ustekinumab</i>	N/A	N/A	N/A	3,120	N/A	N/A
<i>No evidence of crohns_disease</i>	N/A	16,885	N/A	122,267	N/A	41,859
Met event incidence criteria	10,211	0	20,624*	0	20,589	0
Members with required post-index follow-up						
Had sufficient post-index continuous enrollment	10,211	0	20,624	0	20,589	0
Had minimum days' supply on index date	10,211	0	20,624	0	20,589	0
Had index episode of at least required length	10,211	0	20,624	0	20,589	0
Had index episode longer than blackout period	10,211	0	20,624	0	20,589	0
Did not have an event during blackout period	10,211	0	20,624	0	20,589	0

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Ustekinumab Users and Serious Infection Composite (post-April 1, 2020)		Comparator Users and Serious Infection Composite (post-April 1, 2020)		Ustekinumab Users and Acute Meningitis	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Final cohort						
Number of members	10,211	N/A	20,624	N/A	20,589	N/A
Number of episodes	10,211	N/A	20,624	N/A	20,589	N/A

*Any difference between row 24 and row 17 (comparator users only) reflect the patients who were additionally excluded at one of the criteria between rows 13 to 23. The exact details for exclusion of these patients are not known.

N/A: Not applicable

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Comparator Users and Acute Meningitis		Ustekinumab Users and Gastrointestinal Infection		Comparator Users and Gastrointestinal Infection	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	334,994,519	N/A	334,994,519	N/A	334,994,519	N/A
Had required coverage type (medical and/or drug coverage)	248,116,506	86,878,013	248,116,506	86,878,013	248,116,506	86,878,013
Enrolled during specified age range	191,172,615	56,943,891	191,172,615	56,943,891	191,172,615	56,943,891
Had requestable medical charts	191,172,615	0	191,172,615	0	191,172,615	0
Met demographic requirements (sex, race, and Hispanic origin)	191,114,510	58,105	191,114,510	58,105	191,114,510	58,105
Members with a valid index event						
Had any cohort-defining claim during the query period	719,425	190,395,085	113,059	191,001,451	719,425	190,395,085
Claim recorded during specified age range	712,834	6,591	112,400	659	712,834	6,591
Evidence of non-indexing comparator drug	712,802	32	112,400	0	712,802	32
Episode defining index claim recorded during the query period	580,286	132,516	101,433	10,967	580,286	132,516
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	367,751	212,535	71,601	29,832	367,751	212,535
Met inclusion and exclusion criteria ¹	52,697	315,054	20,589	51,012	52,697	315,054
<i>Evidence of hiv_organtrans</i>	N/A	4,011	N/A	893	N/A	4,011
<i>Evidence of post_index_inf</i>	N/A	540	N/A	106	N/A	540
<i>Evidence of pre_existing</i>	N/A	292,237	N/A	48,555	N/A	292,237
<i>Evidence of sameday_exp</i>	N/A	244	N/A	262	N/A	244
<i>Evidence of ustekinumab</i>	N/A	5,164	N/A	N/A	N/A	5,164
<i>No evidence of crohns_disease</i>	N/A	292,311	N/A	41,859	N/A	292,311
Met event incidence criteria	52,645*	0	20,589	0	52,645*	0
Members with required post-index follow-up						
Had sufficient post-index continuous enrollment	52,645	0	20,589	0	52,645	0
Had minimum days' supply on index date	52,645	0	20,589	0	52,645	0
Had index episode of at least required length	52,645	0	20,589	0	52,645	0
Had index episode longer than blackout period	52,645	0	20,589	0	52,645	0
Did not have an event during blackout period	52,645	0	20,589	0	52,645	0

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Comparator Users and Acute Meningitis		Ustekinumab Users and Gastrointestinal Infection		Comparator Users and Gastrointestinal Infection	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Final cohort	Final cohort					
Number of members	52,645	N/A	20,589	N/A	52,645	N/A
Number of episodes	52,645	N/A	20,589	N/A	52,645	N/A

*Any difference between row 24 and row 17 (comparator users only) reflect the patients who were additionally excluded at one of the criteria between rows 13 to 23. The exact details for exclusion of these patients are not known.

N/A: Not applicable

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Ustekinumab Users and Pyelonephritis		Comparator Users and Pyelonephritis		Ustekinumab Users and Pneumonia	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	334,994,519	N/A	334,994,519	N/A	334,994,519	N/A
Had required coverage type (medical and/or drug coverage)	248,116,506	86,878,013	248,116,506	86,878,013	248,116,506	86,878,013
Enrolled during specified age range	191,172,615	56,943,891	191,172,615	56,943,891	191,172,615	56,943,891
Had requestable medical charts	191,172,615	0	191,172,615	0	191,172,615	0
Met demographic requirements (sex, race, and Hispanic origin)	191,114,510	58,105	191,114,510	58,105	191,114,510	58,105
Members with a valid index event						
Had any cohort-defining claim during the query period	113,059	191,001,451	719,425	190,395,085	113,059	191,001,451
Claim recorded during specified age range	112,400	659	712,834	6,591	112,400	659
Evidence of non-indexing comparator drug	112,400	0	712,802	32	112,400	0
Episode defining index claim recorded during the query period	101,433	10,967	580,286	132,516	101,433	10,967
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	71,601	29,832	367,751	212,535	71,601	29,832
Met inclusion and exclusion criteria ¹	20,589	51,012	52,697	315,054	20,589	51,012
<i>Evidence of hiv_organtrans</i>	N/A	893	N/A	4,011	N/A	893
<i>Evidence of post_index_inf</i>	N/A	106	N/A	540	N/A	106
<i>Evidence of pre_existing</i>	N/A	48,555	N/A	292,237	N/A	48,555
<i>Evidence of sameday_exp</i>	N/A	262	N/A	244	N/A	262
<i>Evidence of ustekinumab</i>	N/A	N/A	N/A	5,164	N/A	N/A
<i>No evidence of crohns_disease</i>	N/A	41,859	N/A	292,311	N/A	41,859
Met event incidence criteria	20,589	0	52,645*	0	20,589	0
Members with required post-index follow-up						
Had sufficient post-index continuous enrollment	20,589	0	52,645	0	20,589	0
Had minimum days' supply on index date	20,589	0	52,645	0	20,589	0
Had index episode of at least required length	20,589	0	52,645	0	20,589	0
Had index episode longer than blackout period	20,589	0	52,645	0	20,589	0
Did not have an event during blackout period	20,589	0	52,645	0	20,589	0

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Ustekinumab Users and Pyelonephritis		Comparator Users and Pyelonephritis		Ustekinumab Users and Pneumonia	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Final cohort						
Number of members	20,589	N/A	52,645	N/A	20,589	N/A
Number of episodes	20,589	N/A	52,645	N/A	20,589	N/A

*Any difference between row 24 and row 17 (comparator users only) reflect the patients who were additionally excluded at one of the criteria between rows 13 to 23. The exact details for exclusion of these patients are not known.

N/A: Not applicable

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Comparator Users and Pneumonia		Ustekinumab Users and Acute Osteomyelitis		Comparator Users and Acute Osteomyelitis	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	334,994,519	N/A	334,994,519	N/A	334,994,519	N/A
Had required coverage type (medical and/or drug coverage)	248,116,506	86,878,013	248,116,506	86,878,013	248,116,506	86,878,013
Enrolled during specified age range	191,172,615	56,943,891	191,172,615	56,943,891	191,172,615	56,943,891
Had requestable medical charts	191,172,615	0	191,172,615	0	191,172,615	0
Met demographic requirements (sex, race, and Hispanic origin)	191,114,510	58,105	191,114,510	58,105	191,114,510	58,105
Members with a valid index event						
Had any cohort-defining claim during the query period	719,425	190,395,085	113,059	191,001,451	719,425	190,395,085
Claim recorded during specified age range	712,834	6,591	112,400	659	712,834	6,591
Evidence of non-indexing comparator drug	712,802	32	112,400	0	712,802	32
Episode defining index claim recorded during the query period	580,286	132,516	101,433	10,967	580,286	132,516
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	367,751	212,535	71,601	29,832	367,751	212,535
Met inclusion and exclusion criteria ¹	52,697	315,054	20,589	51,012	52,697	315,054
<i>Evidence of hiv_organtrans</i>	N/A	4,011	N/A	893	N/A	4,011
<i>Evidence of post_index_inf</i>	N/A	540	N/A	106	N/A	540
<i>Evidence of pre_existing</i>	N/A	292,237	N/A	48,555	N/A	292,237
<i>Evidence of sameday_exp</i>	N/A	244	N/A	262	N/A	244
<i>Evidence of ustekinumab</i>	N/A	5,164	N/A	N/A	N/A	5,164
<i>No evidence of crohns_disease</i>	N/A	292,311	N/A	41,859	N/A	292,311
Met event incidence criteria	52,645*	0	20,589	0	52,645*	0
Members with required post-index follow-up						
Had sufficient post-index continuous enrollment	52,645	0	20,589	0	52,645	0
Had minimum days' supply on index date	52,645	0	20,589	0	52,645	0
Had index episode of at least required length	52,645	0	20,589	0	52,645	0
Had index episode longer than blackout period	52,645	0	20,589	0	52,645	0
Did not have an event during blackout period	52,645	0	20,589	0	52,645	0

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Comparator Users and Pneumonia		Ustekinumab Users and Acute Osteomyelitis		Comparator Users and Acute Osteomyelitis	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Final cohort						
Number of members	52,645	N/A	20,589	N/A	52,645	N/A
Number of episodes	52,645	N/A	20,589	N/A	52,645	N/A

*Any difference between row 24 and row 17 (comparator users only) reflect the patients who were additionally excluded at one of the criteria between rows 13 to 23. The exact details for exclusion of these patients are not known.

N/A: Not applicable

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Ustekinumab Users and Bacteremia		Comparator Users and Bacteremia		Ustekinumab Users and Skin or Soft Tissue Infection	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	334,994,519	N/A	334,994,519	N/A	334,994,519	N/A
Had required coverage type (medical and/or drug coverage)	248,116,506	86,878,013	248,116,506	86,878,013	248,116,506	86,878,013
Enrolled during specified age range	191,172,615	56,943,891	191,172,615	56,943,891	191,172,615	56,943,891
Had requestable medical charts	191,172,615	0	191,172,615	0	191,172,615	0
Met demographic requirements (sex, race, and Hispanic origin)	191,114,510	58,105	191,114,510	58,105	191,114,510	58,105
Members with a valid index event						
Had any cohort-defining claim during the query period	113,059	191,001,451	719,425	190,395,085	113,059	191,001,451
Claim recorded during specified age range	112,400	659	712,834	6,591	112,400	659
Evidence of non-indexing comparator drug	112,400	0	712,802	32	112,400	0
Episode defining index claim recorded during the query period	101,433	10,967	580,286	132,516	101,433	10,967
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	71,601	29,832	367,751	212,535	71,601	29,832
Met inclusion and exclusion criteria ¹	20,589	51,012	52,697	315,054	20,589	51,012
<i>Evidence of hiv_organtrans</i>	N/A	893	N/A	4,011	N/A	893
<i>Evidence of post_index_inf</i>	N/A	106	N/A	540	N/A	106
<i>Evidence of pre_existing</i>	N/A	48,555	N/A	292,237	N/A	48,555
<i>Evidence of sameday_exp</i>	N/A	262	N/A	244	N/A	262
<i>Evidence of ustekinumab</i>	N/A	N/A	N/A	5,164	N/A	N/A
<i>No evidence of crohns_disease</i>	N/A	41,859	N/A	292,311	N/A	41,859
Met event incidence criteria	20,589	0	52,645*	0	20,589	0
Members with required post-index follow-up						
Had sufficient post-index continuous enrollment	20,589	0	52,645	0	20,589	0
Had minimum days' supply on index date	20,589	0	52,645	0	20,589	0
Had index episode of at least required length	20,589	0	52,645	0	20,589	0
Had index episode longer than blackout period	20,589	0	52,645	0	20,589	0
Did not have an event during blackout period	20,589	0	52,645	0	20,589	0

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Ustekinumab Users and Bacteremia		Comparator Users and Bacteremia		Ustekinumab Users and Skin or Soft Tissue Infection	
Final cohort						
Number of members	20,589	N/A	52,645	N/A	20,589	N/A
Number of episodes	20,589	N/A	52,645	N/A	20,589	N/A

*Any difference between row 24 and row 17 (comparator users only) reflect the patients who were additionally excluded at one of the criteria between rows 13 to 23. The exact details for exclusion of these patients are not known.

N/A: Not applicable

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Comparator Users and Skin or Soft Tissue Infection		Ustekinumab Users and COVID-19		Comparator Users and COVID-19	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	334,994,519	N/A	334,994,519	N/A	334,994,519	N/A
Had required coverage type (medical and/or drug coverage)	248,116,506	86,878,013	248,116,506	86,878,013	248,116,506	86,878,013
Enrolled during specified age range	191,172,615	56,943,891	191,172,615	56,943,891	191,172,615	56,943,891
Had requestable medical charts	191,172,615	0	191,172,615	0	191,172,615	0
Met demographic requirements (sex, race, and Hispanic origin)	191,114,510	58,105	191,114,510	58,105	191,114,510	58,105
Members with a valid index event						
Had any cohort-defining claim during the query period	719,425	190,395,085	113,059	191,001,451	719,425	190,395,085
Claim recorded during specified age range	712,834	6,591	112,400	659	712,834	6,591
Evidence of non-indexing comparator drug	712,802	32	112,400	0	712,802	32
Episode defining index claim recorded during the query period	580,286	132,516	101,433	10,967	580,286	132,516
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	367,751	212,535	71,601	29,832	367,751	212,535
Met inclusion and exclusion criteria ¹	52,697	315,054	20,589	51,012	52,697	315,054
<i>Evidence of hiv_organtrans</i>	N/A	4,011	N/A	893	N/A	4,011
<i>Evidence of post_index_inf</i>	N/A	540	N/A	106	N/A	540
<i>Evidence of pre_existing</i>	N/A	292,237	N/A	48,555	N/A	292,237
<i>Evidence of sameday_exp</i>	N/A	244	N/A	262	N/A	244
<i>Evidence of ustekinumab</i>	N/A	5,164	N/A	N/A	N/A	5,164
<i>No evidence of crohns_disease</i>	N/A	292,311	N/A	41,859	N/A	292,311
Met event incidence criteria	52,645*	0	20,589	0	52,645*	0
Members with required post-index follow-up						
Had sufficient post-index continuous enrollment	52,645	0	20,589	0	52,645	0
Had minimum days' supply on index date	52,645	0	20,589	0	52,645	0
Had index episode of at least required length	52,645	0	20,589	0	52,645	0
Had index episode longer than blackout period	52,645	0	20,589	0	52,645	0
Did not have an event during blackout period	52,645	0	20,589	0	52,645	0

Table 17. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database from October 1, 2016 to June 30, 2023

	Comparator Users and Skin or Soft Tissue Infection		Ustekinumab Users and COVID-19		Comparator Users and COVID-19	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Final cohort						
Number of members	52,645	N/A	20,589	N/A	52,645	N/A
Number of episodes	52,645	N/A	20,589	N/A	52,645	N/A

*Any difference between row 24 and row 17 (comparator users only) reflect the patients who were additionally excluded at one of the criteria between rows 13 to 23. The exact details for exclusion of these patients are not known.

N/A: Not applicable

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date* (December 18, 2023)

Masked DP ID¹	DP Start Date	DP End Date²
DP01	01/01/2006	02/28/2023
DP02	01/01/2007	01/31/2023
DP03	01/01/2008	12/31/2022
DP04	01/01/2010	03/31/2023
DP05	01/01/2014	12/31/2020
DP06	01/01/2008	06/30/2023

²End Date represents the earliest of: (1) query end date, or (2) last day of the most recent month for which all of a Data Partner's data tables (enrollment, dispensing, etc.) have at least 80% of the record count relative to the prior month.

*The Request Distribution Date listed is the distribution date for the v01 analysis. The current v02 analysis was conducted using frozen data retained from the v01 analysis at the respective Data Partners.

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date* (December 18, 2023)

Masked DP ID ¹	DP Start Date	DP End Date ²
DP01	01/01/2006	02/28/2023
DP02	01/01/2007	01/31/2023
DP03	01/01/2008	12/31/2022
DP04	01/01/2010	03/31/2023
DP05	01/01/2014	12/31/2020
DP06	01/01/2008	06/30/2023

²End Date represents the earliest of: (1) query end date, or (2) last day of the most recent month for which all of a Data Partner's data tables (enrollment, dispensing, etc.) have at least 80% of the record count relative to the prior month.

*The Request Distribution Date listed is the distribution date for the v01 analysis. The current v02 analysis was conducted using frozen data retained from the v01 analysis at the respective Data Partners.