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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 Query Builder analysis.

If you are using a web page screen reader and are unable to access this document, please contact the Sentinel Operations Center for assistance at info@sentinelssystem.org.

Overview

Query Builder Report: This report details the results of an analysis generated by the Sentinel Query Builder application. Query Builder enables FDA to visualize, draft, and create standardized medical product utilization queries examining dispensing patterns and cohort characteristics using a set of pre-defined parameters. This is a Type 5 (Medical Product Utilization) analysis as described in the Query Request Package (QRP) documentation.

Request Description: In this request, we examined the utilization of clozapine using seven different exposure definitions. We defined each exposure by varying the specified parameters of pre-index enrollment period, washout period, and treatment episode gap.

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 10.3.3

Data Source: We executed this request on IBM® MarketScan® Commercial Claims and Encounters Database and Medicare Supplemental Database, which included 147 million members, on August 6, 2021. The study period included data from January 1, 2010 to September 30, 2019. Please see Appendix A for data availability dates.

Limitations: Algorithms used to define exposures and inclusion and exclusion criteria are imperfect; thus it is possible that there may be misclassification. Therefore, data should be interpreted with these limitations 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 Query Builder, please refer to the documentation (<https://dev.sentinelssystem.org/projects/QB/repos/querybuilder/browse>).

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Table 1a: Distribution of cumulative exposure duration, by length categories, all episodes, in days

Exposures	Total Patients		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	100.0	1,663	46.9	546	15.4	557	15.7	783	22.1
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	100.0	1,699	47.9	540	15.2	554	15.6	756	21.3
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	100.0	2,281	41.2	932	16.8	971	17.5	1,355	24.5
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	100.0	2,348	42.2	936	16.8	970	17.4	1,308	23.5
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	100.0	1,291	45.9	463	16.5	439	15.6	620	22.0
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	100.0	1,321	47.0	454	16.1	437	15.5	601	21.4
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	100.0	872	46.5	303	16.1	296	15.8	406	21.6



Table 1b: Distribution of cumulative exposure duration, by length categories, all episodes, in days, by sex										
Exposures	Total Patients		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	100.0	1,663	100.0	546	100.0	557	100.0	783	100.0
Female	1,520	42.8	738	44.4	223	40.8	228	40.9	331	42.3
Male	2,029	57.2	925	55.6	323	59.2	329	59.1	452	57.7
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	100.0	1,699	100.0	540	100.0	554	100.0	756	100.0
Female	1,520	42.8	757	44.6	218	40.4	228	41.2	317	41.9
Male	2,029	57.2	942	55.4	322	59.6	326	58.8	439	58.1
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	100.0	2,281	100.0	932	100.0	971	100.0	1,355	100.0
Female	2,402	43.4	1,024	44.9	376	40.3	414	42.6	588	43.4
Male	3,137	56.6	1,257	55.1	556	59.7	557	57.4	767	56.6
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	100.0	2,348	100.0	936	100.0	970	100.0	1,308	100.0
Female	2,411	43.3	1,059	45.1	370	39.5	424	43.7	558	42.7
Male	3,151	56.7	1,289	54.9	566	60.5	546	56.3	750	57.3
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	100.0	1,291	100.0	463	100.0	439	100.0	620	100.0
Female	1,200	42.7	579	44.8	190	41.0	170	38.7	261	42.1
Male	1,613	57.3	712	55.2	273	59.0	269	61.3	359	57.9
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	100.0	1,321	100.0	454	100.0	437	100.0	601	100.0
Female	1,200	42.7	596	45.1	183	40.3	170	38.9	251	41.8
Male	1,613	57.3	725	54.9	271	59.7	267	61.1	350	58.2
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	100.0	872	100.0	303	100.0	296	100.0	406	100.0
Female	794	42.3	375	43.0	126	41.6	120	40.5	173	42.6
Male	1,083	57.7	497	57.0	177	58.4	176	59.5	233	57.4

Table 1c: Distribution of cumulative exposure duration, by length categories, all episodes, in days, by age group (years)											
Exposures	Total Patients		1-183		184-365		366-730		731+		
	N	%	N	%	N	%	N	%	N	%	
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	100.0	1,663	100.0	546	100.0	557	100.0	783	100.0	
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
05-09	8	0.2	3	0.2	1	0.2	1	0.2	3	0.4	
10-14	89	2.5	27	1.6	19	3.5	15	2.7	28	3.6	
15-18	325	9.2	99	6.0	58	10.6	65	11.7	103	13.2	
19-21	428	12.1	199	12.0	67	12.3	72	12.9	90	11.5	
22-44	1,426	40.2	667	40.1	237	43.4	231	41.5	291	37.2	
45-64	871	24.5	448	26.9	115	21.1	118	21.2	190	24.3	
65-74	211	5.9	106	6.4	25	4.6	36	6.5	44	5.6	
75+	191	5.4	114	6.9	24	4.4	19	3.4	34	4.3	
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	100.0	1,699	100.0	540	100.0	554	100.0	756	100.0	
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
05-09	8	0.2	3	0.2	1	0.2	1	0.2	3	0.4	
10-14	89	2.5	28	1.6	18	3.3	15	2.7	28	3.7	
15-18	325	9.2	102	6.0	57	10.6	65	11.7	101	13.4	
19-21	428	12.1	204	12.0	65	12.0	72	13.0	87	11.5	
22-44	1,426	40.2	679	40.0	234	43.3	229	41.3	284	37.6	
45-64	871	24.5	461	27.1	112	20.7	118	21.3	180	23.8	
65-74	211	5.9	106	6.2	30	5.6	35	6.3	40	5.3	
75+	191	5.4	116	6.8	23	4.3	19	3.4	33	4.4	
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	100.0	2,281	100.0	932	100.0	971	100.0	1,355	100.0	
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
05-09	13	0.2	5	0.2	2	0.2	1	0.1	5	0.4	
10-14	126	2.3	35	1.5	24	2.6	27	2.8	40	3.0	
15-18	432	7.8	143	6.3	78	8.4	86	8.9	125	9.2	
19-21	587	10.6	254	11.1	99	10.6	94	9.7	140	10.3	
22-44	2,305	41.6	958	42.0	418	44.8	412	42.4	517	38.2	
45-64	1,514	27.3	627	27.5	228	24.5	255	26.3	404	29.8	
65-74	327	5.9	130	5.7	50	5.4	64	6.6	83	6.1	
75+	235	4.2	129	5.7	33	3.5	32	3.3	41	3.0	
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	100.0	2,348	100.0	936	100.0	970	100.0	1,308	100.0	
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
05-09	13	0.2	5	0.2	2	0.2	1	0.1	5	0.4	

Table 1c: Distribution of cumulative exposure duration, by length categories, all episodes, in days, by age group (years)										
Exposures	Total Patients		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
10-14	126	2.3	37	1.6	22	2.4	27	2.8	40	3.1
15-18	433	7.8	146	6.2	79	8.4	85	8.8	123	9.4
19-21	586	10.5	259	11.0	96	10.3	95	9.8	136	10.4
22-44	2,314	41.6	989	42.1	418	44.7	407	42.0	500	38.2
45-64	1,526	27.4	652	27.8	229	24.5	257	26.5	388	29.7
65-74	328	5.9	131	5.6	56	6.0	64	6.6	77	5.9
75+	236	4.2	129	5.5	34	3.6	34	3.5	39	3.0
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	100.0	1,291	100.0	463	100.0	439	100.0	620	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	6	0.2	3	0.2	0	0.0	1	0.2	2	0.3
10-14	75	2.7	24	1.9	16	3.5	11	2.5	24	3.9
15-18	262	9.3	74	5.7	50	10.8	54	12.3	84	13.5
19-21	347	12.3	156	12.1	59	12.7	59	13.4	73	11.8
22-44	1,103	39.2	496	38.4	197	42.5	180	41.0	230	37.1
45-64	691	24.6	357	27.7	98	21.2	91	20.7	145	23.4
65-74	170	6.0	84	6.5	22	4.8	26	5.9	38	6.1
75+	159	5.7	97	7.5	21	4.5	17	3.9	24	3.9
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	100.0	1,321	100.0	454	100.0	437	100.0	601	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	6	0.2	3	0.2	0	0.0	1	0.2	2	0.3
10-14	75	2.7	25	1.9	15	3.3	11	2.5	24	4.0
15-18	262	9.3	75	5.7	50	11.0	55	12.6	82	13.6
19-21	347	12.3	160	12.1	57	12.6	58	13.3	72	12.0
22-44	1,103	39.2	507	38.4	192	42.3	179	41.0	225	37.4
45-64	691	24.6	368	27.9	96	21.1	89	20.4	138	23.0
65-74	170	6.0	84	6.4	24	5.3	27	6.2	35	5.8
75+	159	5.7	99	7.5	20	4.4	17	3.9	23	3.8
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	100.0	872	100.0	303	100.0	296	100.0	406	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	5	0.3	3	0.3	0	0.0	1	0.3	1	0.2
10-14	51	2.7	16	1.8	9	3.0	8	2.7	18	4.4
15-18	171	9.1	46	5.3	37	12.2	32	10.8	56	13.8
19-21	241	12.8	106	12.2	39	12.9	46	15.5	50	12.3
22-44	715	38.1	327	37.5	120	39.6	115	38.9	153	37.7



Table 1c: Distribution of cumulative exposure duration, by length categories, all episodes, in days, by age group (years)

Exposures	Total Patients		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
45-64	464	24.7	247	28.3	70	23.1	59	19.9	88	21.7
65-74	122	6.5	59	6.8	15	5.0	23	7.8	25	6.2
75+	108	5.8	68	7.8	13	4.3	12	4.1	15	3.7



Table 2a: Descriptive statistics of cumulative exposure duration, all episodes, in days								
Exposures	Total Patients	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	456.20	575.91	1	59	215	638	3,358
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	443.40	563.21	1	56	207	621	3,358
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	519.67	632.93	1	75	272	717	3,528
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	502.09	615.68	1	70	261	687	3,528
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	456.58	567.73	1	60	224	635	3,163
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	444.53	556.04	1	57	214	622	3,088
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	445.09	543.46	1	59	218	631	2,734

Table 2b: Descriptive statistics of cumulative exposure duration, all episodes, in days, by sex								
Exposures	Total Patients	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	456.20	575.91	1	59	215	638	3,358
Female	1,520	448.86	581.52	1	59	196	638	3,358
Male	2,029	461.71	571.75	1	59	235	639	3,079
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	443.40	563.21	1	56	207	621	3,358
Female	1,520	436.60	569.15	1	56	186	620	3,358
Male	2,029	448.49	558.80	1	56	228	622	3,079
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	519.67	632.93	1	75	272	717	3,528
Female	2,402	518.01	638.49	1	74	257	720	3,528
Male	3,137	520.94	628.73	1	77	281	704	3,479
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	502.09	615.68	1	70	261	687	3,528
Female	2,411	499.39	622.22	1	70	248	691	3,528
Male	3,151	504.15	610.72	1	71	272	686	3,479
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	456.58	567.73	1	60	224	635	3,163
Female	1,200	446.06	571.07	1	60	197	633	3,163
Male	1,613	464.41	565.28	1	60	244	637	2,954
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	444.53	556.04	1	57	214	622	3,088
Female	1,200	434.72	560.33	1	56	188	618	3,088
Male	1,613	451.83	552.88	1	57	237	623	2,832
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	445.09	543.46	1	59	218	631	2,734
Female	794	445.29	546.87	1	61	210	654	2,566
Male	1,083	444.94	541.20	1	54	230	617	2,734

Table 2c: Descriptive statistics of cumulative exposure duration, all episodes, in days, by age group (years)								
Exposures	Total Patients	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	456.20	575.91	1	59	215	638	3,358
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	8	1042.50	1282.06	12	30	371	2,244	3,040
10-14	89	695.53	766.75	5	160	339	917	3,052
15-18	325	609.62	635.92	1	138	382	864	3,079
19-21	428	438.18	530.12	3	69	226	617	2,771
22-44	1,426	444.55	569.62	1	59	217	602	3,358
45-64	871	429.66	564.58	1	42	169	626	3,345
65-74	211	413.03	513.68	4	31	182	578	2,409
75+	191	355.23	505.98	1	30	112	432	2,639
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	443.40	563.21	1	56	207	621	3,358
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	8	1032.88	1273.21	12	30	357	2,244	2,992
10-14	89	686.74	762.14	5	157	335	917	3,052
15-18	325	597.94	624.65	1	138	377	860	3,079
19-21	428	426.55	521.48	3	66	208	586	2,771
22-44	1,426	432.33	557.59	1	57	210	579	3,358
45-64	871	414.75	547.57	1	39	164	601	3,323
65-74	211	398.24	494.88	4	30	180	532	2,212
75+	191	343.27	491.72	1	30	112	432	2,639
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	519.67	632.93	1	75	272	717	3,528
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	13	885.08	1080.30	12	30	279	1,688	3,040
10-14	126	692.63	716.63	5	161	418	986	3,052
15-18	432	582.64	634.55	1	124	357	825	3,079
19-21	587	484.57	581.36	2	77	249	700	3,007
22-44	2,305	496.32	616.68	1	76	260	664	3,479
45-64	1,514	551.79	673.42	1	69	284	789	3,528
65-74	327	535.37	627.93	4	71	284	737	3,100
75+	235	378.79	516.08	1	33	147	535	2,676
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	502.09	615.68	1	70	261	687	3,528
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	13	873.69	1072.08	12	30	269	1,645	2,992
10-14	126	677.56	710.23	5	160	394	986	3,052

Table 2c: Descriptive statistics of cumulative exposure duration, all episodes, in days, by age group (years)								
Exposures	Total Patients	Mean	STD	Min	Q1	Median	Q3	Max
15-18	433	570.49	623.14	1	120	349	803	3,079
19-21	586	470.40	567.12	2	70	238	683	3,007
22-44	2,314	478.81	599.42	1	70	254	640	3,479
45-64	1,526	530.43	654.42	1	65	271	745	3,528
65-74	328	515.41	598.68	4	71	272	702	2,800
75+	236	367.59	499.87	1	31	148	493	2,639
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	456.58	567.73	1	60	224	635	3,163
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	6	844.17	1151.31	12	29	269	1,706	2,781
10-14	75	687.71	767.12	5	116	335	917	3,052
15-18	262	608.23	607.01	1	156	391	864	2,820
19-21	347	448.26	545.43	3	68	237	617	2,771
22-44	1,103	455.69	571.45	1	64	234	614	3,163
45-64	691	413.43	538.44	1	39	169	593	2,954
65-74	170	436.01	546.96	4	30	194	589	2,409
75+	159	316.96	444.26	1	30	112	380	1,799
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	444.53	556.04	1	57	214	622	3,088
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	6	839.33	1153.07	12	29	254	1,706	2,781
10-14	75	678.11	761.74	5	113	330	917	3,052
15-18	262	597.34	597.53	1	156	382	860	2,820
19-21	347	436.85	535.93	3	64	231	586	2,771
22-44	1,103	443.97	559.87	1	61	225	599	3,088
45-64	691	400.58	525.31	1	37	164	572	2,832
65-74	170	421.43	527.72	4	30	191	554	2,212
75+	159	303.96	425.68	1	29	112	368	1,721
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	445.09	543.46	1	59	218	631	2,734
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	5	456.80	729.05	12	29	30	507	1,706
10-14	51	700.39	734.03	5	161	387	917	2,566
15-18	171	611.36	597.54	1	167	382	981	2,550
19-21	241	462.75	557.89	3	83	249	617	2,734
22-44	715	447.55	541.07	1	64	234	617	2,573
45-64	464	386.35	509.45	1	37	156	542	2,464



Table 2c: Descriptive statistics of cumulative exposure duration, all episodes, in days, by age group (years)								
Exposures	Total Patients	Mean	STD	Min	Q1	Median	Q3	Max
65-74	122	410.30	492.83	6	30	213	578	1,852
75+	108	296.60	418.92	1	30	97	366	1,670



Table 3a: Distribution of first exposure episode duration, by length categories, in days										
Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	100.0	1,921	54.1	556	15.7	519	14.6	553	15.6
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	100.0	2,251	63.4	513	14.5	394	11.1	391	11.0
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	100.0	2,841	51.3	938	16.9	857	15.5	903	16.3
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	100.0	3,503	63.0	849	15.3	610	11.0	600	10.8
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	100.0	1,494	53.1	455	16.2	412	14.6	452	16.1
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	100.0	1,748	62.1	430	15.3	309	11.0	326	11.6
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	100.0	1,012	53.9	293	15.6	266	14.2	306	16.3



Table 3b: Distribution of first exposure episode duration, by length categories, in days, by sex										
Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	100.0	1,921	100.0	556	100.0	519	100.0	553	100.0
Female	1,520	42.8	852	44.4	226	40.6	216	41.6	226	40.9
Male	2,029	57.2	1,069	55.6	330	59.4	303	58.4	327	59.1
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	100.0	2,251	100.0	513	100.0	394	100.0	391	100.0
Female	1,520	42.8	1,003	44.6	203	39.6	161	40.9	153	39.1
Male	2,029	57.2	1,248	55.4	310	60.4	233	59.1	238	60.9
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	100.0	2,841	100.0	938	100.0	857	100.0	903	100.0
Female	2,402	43.4	1,272	44.8	385	41.0	368	42.9	377	41.7
Male	3,137	56.6	1,569	55.2	553	59.0	489	57.1	526	58.3
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	100.0	3,503	100.0	849	100.0	610	100.0	600	100.0
Female	2,411	43.3	1,585	45.2	336	39.6	250	41.0	240	40.0
Male	3,151	56.7	1,918	54.8	513	60.4	360	59.0	360	60.0
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	100.0	1,494	100.0	455	100.0	412	100.0	452	100.0
Female	1,200	42.7	660	44.2	189	41.5	162	39.3	189	41.8
Male	1,613	57.3	834	55.8	266	58.5	250	60.7	263	58.2
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	100.0	1,748	100.0	430	100.0	309	100.0	326	100.0
Female	1,200	42.7	777	44.5	172	40.0	119	38.5	132	40.5
Male	1,613	57.3	971	55.5	258	60.0	190	61.5	194	59.5
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	100.0	1,012	100.0	293	100.0	266	100.0	306	100.0
Female	794	42.3	439	43.4	123	42.0	110	41.4	122	39.9
Male	1,083	57.7	573	56.6	170	58.0	156	58.6	184	60.1



Table 3c: Distribution of first exposure episode duration, by length categories, in days, by age group (years)										
Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	100.0	1,921	100.0	556	100.0	519	100.0	553	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	8	0.2	3	0.2	1	0.2	1	0.2	3	0.5
10-14	89	2.5	35	1.8	19	3.4	13	2.5	22	4.0
15-18	325	9.2	117	6.1	60	10.8	68	13.1	80	14.5
19-21	428	12.1	227	11.8	70	12.6	67	12.9	64	11.6
22-44	1,426	40.2	784	40.8	230	41.4	207	39.9	205	37.1
45-64	871	24.5	506	26.3	126	22.7	113	21.8	126	22.8
65-74	211	5.9	121	6.3	26	4.7	32	6.2	32	5.8
75+	191	5.4	128	6.7	24	4.3	18	3.5	21	3.8
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	100.0	2,251	100.0	513	100.0	394	100.0	391	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	8	0.2	3	0.1	2	0.4	0	0.0	3	0.8
10-14	89	2.5	44	2.0	17	3.3	11	2.8	17	4.3
15-18	325	9.2	147	6.5	62	12.1	54	13.7	62	15.9
19-21	428	12.1	262	11.6	62	12.1	54	13.7	50	12.8
22-44	1,426	40.2	917	40.7	206	40.2	157	39.8	146	37.3
45-64	871	24.5	595	26.4	113	22.0	82	20.8	81	20.7
65-74	211	5.9	139	6.2	28	5.5	21	5.3	23	5.9
75+	191	5.4	144	6.4	23	4.5	15	3.8	9	2.3
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	100.0	2,841	100.0	938	100.0	857	100.0	903	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	13	0.2	5	0.2	2	0.2	1	0.1	5	0.6
10-14	126	2.3	50	1.8	24	2.6	21	2.5	31	3.4
15-18	432	7.8	173	6.1	78	8.3	82	9.6	99	11.0
19-21	587	10.6	305	10.7	97	10.3	92	10.7	93	10.3
22-44	2,305	41.6	1,204	42.4	404	43.1	357	41.7	340	37.7
45-64	1,514	27.3	788	27.7	243	25.9	226	26.4	257	28.5
65-74	327	5.9	169	5.9	55	5.9	51	6.0	52	5.8
75+	235	4.2	147	5.2	35	3.7	27	3.2	26	2.9
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	100.0	3,503	100.0	849	100.0	610	100.0	600	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	13	0.2	7	0.2	2	0.2	0	0.0	4	0.7



Table 3c: Distribution of first exposure episode duration, by length categories, in days, by age group (years)										
Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
10-14	126	2.3	65	1.9	22	2.6	15	2.5	24	4.0
15-18	433	7.8	210	6.0	81	9.5	63	10.3	79	13.2
19-21	586	10.5	357	10.2	88	10.4	70	11.5	71	11.8
22-44	2,314	41.6	1,475	42.1	361	42.5	250	41.0	228	38.0
45-64	1,526	27.4	1,004	28.7	212	25.0	159	26.1	151	25.2
65-74	328	5.9	213	6.1	51	6.0	32	5.2	32	5.3
75+	236	4.2	172	4.9	32	3.8	21	3.4	11	1.8
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	100.0	1,494	100.0	455	100.0	412	100.0	452	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	6	0.2	3	0.2	0	0.0	1	0.2	2	0.4
10-14	75	2.7	31	2.1	15	3.3	10	2.4	19	4.2
15-18	262	9.3	89	6.0	51	11.2	53	12.9	69	15.3
19-21	347	12.3	181	12.1	59	13.0	53	12.9	54	11.9
22-44	1,103	39.2	583	39.0	189	41.5	167	40.5	164	36.3
45-64	691	24.6	400	26.8	100	22.0	90	21.8	101	22.3
65-74	170	6.0	98	6.6	21	4.6	22	5.3	29	6.4
75+	159	5.7	109	7.3	20	4.4	16	3.9	14	3.1
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	100.0	1,748	100.0	430	100.0	309	100.0	326	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	6	0.2	3	0.2	1	0.2	0	0.0	2	0.6
10-14	75	2.7	38	2.2	13	3.0	10	3.2	14	4.3
15-18	262	9.3	110	6.3	54	12.6	44	14.2	54	16.6
19-21	347	12.3	208	11.9	52	12.1	43	13.9	44	13.5
22-44	1,103	39.2	685	39.2	172	40.0	125	40.5	121	37.1
45-64	691	24.6	470	26.9	97	22.6	58	18.8	66	20.2
65-74	170	6.0	110	6.3	23	5.3	16	5.2	21	6.4
75+	159	5.7	124	7.1	18	4.2	13	4.2	4	1.2
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	100.0	1,012	100.0	293	100.0	266	100.0	306	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	5	0.3	3	0.3	0	0.0	1	0.4	1	0.3
10-14	51	2.7	20	2.0	7	2.4	8	3.0	16	5.2
15-18	171	9.1	57	5.6	36	12.3	32	12.0	46	15.0
19-21	241	12.8	125	12.4	39	13.3	37	13.9	40	13.1
22-44	715	38.1	385	38.0	112	38.2	104	39.1	114	37.3



Table 3c: Distribution of first exposure episode duration, by length categories, in days, by age group (years)

Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
45-64	464	24.7	279	27.6	70	23.9	53	19.9	62	20.3
65-74	122	6.5	69	6.8	16	5.5	18	6.8	19	6.2
75+	108	5.8	74	7.3	13	4.4	13	4.9	8	2.6



Table 4a: Descriptive statistics of first exposure episode duration, in days								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	358.23	494.93	1	41	153	454	3,358
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	273.81	429.65	1	30	98	321	3,358
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	383.37	526.19	1	47	173	496	3,528
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	276.75	441.97	1	30	96	322	3,528
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	364.90	493.02	1	42	159	476	3,163
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	282.33	432.63	1	30	105	332	3,052
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	362.58	486.21	1	42	155	476	2,734

Table 4b: Descriptive statistics of first exposure episode duration, in days, by sex								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	358.23	494.93	1	41	153	454	3,358
Female	1,520	349.78	501.92	1	42	144	429	3,358
Male	2,029	364.56	489.66	1	39	158	487	3,079
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	273.81	429.65	1	30	98	321	3,358
Female	1,520	260.84	428.96	1	30	94	292	3,358
Male	2,029	283.53	430.01	1	30	106	343	3,079
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	383.37	526.19	1	47	173	496	3,528
Female	2,402	375.90	528.05	1	44	162	476	3,528
Male	3,137	389.09	524.77	1	49	183	509	3,479
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	276.75	441.97	1	30	96	322	3,528
Female	2,411	260.45	430.82	1	30	91	294	3,528
Male	3,151	289.22	449.98	1	30	106	337	3,479
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	364.90	493.02	1	42	159	476	3,163
Female	1,200	358.24	498.76	1	43	153	436	3,163
Male	1,613	369.87	488.80	1	39	168	510	2,820
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	282.33	432.63	1	30	105	332	3,052
Female	1,200	271.14	432.78	1	30	100	296	3,052
Male	1,613	290.66	432.46	1	30	111	349	2,820
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	362.58	486.21	1	42	155	476	2,734
Female	794	354.48	486.39	1	47	154	434	2,566
Male	1,083	368.52	486.21	1	37	156	515	2,734



Table 4c: Descriptive statistics of first exposure episode duration, in days, by age group (years)								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	358.23	494.93	1	41	153	454	3,358
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	8	835.25	1020.32	12	30	371	1,544	2,781
10-14	89	547.20	677.94	5	109	263	687	3,052
15-18	325	523.66	601.73	1	110	305	722	3,079
19-21	428	353.98	468.50	3	56	158	467	2,771
22-44	1,426	346.90	490.25	1	41	147	433	3,358
45-64	871	326.26	459.79	1	35	130	402	3,345
65-74	211	319.12	421.28	4	28	126	452	1,957
75+	191	251.79	391.96	1	28	77	305	2,639
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	273.81	429.65	1	30	98	321	3,358
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	8	772.75	1026.51	12	30	218	1,447	2,781
10-14	89	460.67	660.23	4	60	187	528	3,052
15-18	325	420.62	544.13	1	67	211	500	3,079
19-21	428	287.19	425.85	3	30	116	350	2,771
22-44	1,426	265.47	421.50	1	30	94	307	3,358
45-64	871	234.28	375.64	1	30	81	261	2,558
65-74	211	238.81	357.57	2	15	70	313	1,764
75+	191	167.28	299.16	1	22	55	182	2,639
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	383.37	526.19	1	47	173	496	3,528
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	13	757.54	884.89	12	30	279	1,382	2,781
10-14	126	539.29	653.32	5	78	258	701	3,052
15-18	432	501.65	609.04	1	93	266	674	3,079
19-21	587	370.51	496.20	2	46	171	495	3,007
22-44	2,305	366.71	516.39	1	47	167	460	3,479
45-64	1,514	390.95	540.39	1	42	164	510	3,528
65-74	327	342.58	431.62	4	30	170	490	2,478
75+	235	264.98	380.61	1	30	94	334	2,639
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	276.75	441.97	1	30	96	322	3,528
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	13	577.15	860.41	12	30	105	1,016	2,781
10-14	126	437.90	632.92	4	37	172	515	3,052

Table 4c: Descriptive statistics of first exposure episode duration, in days, by age group (years)								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
15-18	433	402.48	541.53	1	57	190	478	3,079
19-21	586	295.33	447.95	2	30	116	348	3,007
22-44	2,314	266.17	434.81	1	30	93	306	3,479
45-64	1,526	258.75	422.34	1	30	88	298	3,528
65-74	328	235.77	345.59	2	28	84	291	2,173
75+	236	174.37	288.66	1	24	57	203	2,639
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	364.90	493.02	1	42	159	476	3,163
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	6	844.17	1151.31	12	29	269	1,706	2,781
10-14	75	550.85	703.71	5	80	252	792	3,052
15-18	262	531.44	581.42	1	123	343	758	2,820
19-21	347	365.78	490.27	3	45	171	494	2,771
22-44	1,103	357.86	485.57	1	46	164	469	3,163
45-64	691	327.08	451.29	1	33	129	394	2,464
65-74	170	332.86	449.01	4	28	119	462	1,957
75+	159	230.27	347.45	1	28	71	259	1,769
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	282.33	432.63	1	30	105	332	3,052
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	6	793.17	1175.76	12	29	116	1,706	2,781
10-14	75	460.69	680.33	4	47	172	548	3,052
15-18	262	438.63	541.22	1	75	225	579	2,820
19-21	347	299.42	443.83	3	30	120	371	2,771
22-44	1,103	277.51	416.47	1	30	112	328	2,664
45-64	691	238.51	384.55	1	30	82	257	2,464
65-74	170	252.17	378.57	2	16	70	331	1,764
75+	159	140.20	224.64	1	20	50	156	1,547
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	362.58	486.21	1	42	155	476	2,734
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	5	456.80	729.05	12	29	30	507	1,706
10-14	51	605.14	696.31	5	109	286	893	2,566
15-18	171	533.18	578.27	1	127	324	785	2,550
19-21	241	376.37	500.80	3	55	174	497	2,734
22-44	715	360.93	478.05	1	50	158	469	2,451
45-64	464	311.47	445.79	1	34	118	363	2,464



Table 4c: Descriptive statistics of first exposure episode duration, in days, by age group (years)								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
65-74	122	324.66	433.07	6	28	124	489	1,771
75+	108	216.22	312.17	1	26	71	278	1,670



Table 5a: Distribution of all episode durations, by length categories, in days										
Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	4,793	100.0	2,661	55.5	788	16.4	659	13.7	685	14.3
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	7,801	100.0	5,669	72.7	937	12.0	639	8.2	556	7.1
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	8,415	100.0	4,665	55.4	1,402	16.7	1,179	14.0	1,169	13.9
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	15,504	100.0	11,812	76.2	1,692	10.9	1,083	7.0	917	5.9
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	3,725	100.0	2,041	54.8	617	16.6	514	13.8	553	14.8
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	5,984	100.0	4,288	71.7	748	12.5	488	8.2	460	7.7
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	2,447	100.0	1,358	55.5	393	16.1	329	13.4	367	15.0



Table 5b: Distribution of all episode durations, by length categories, in days, by sex										
Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	4,793	100.0	2,661	100.0	788	100.0	659	100.0	685	100.0
Female	2,014	42.0	1,140	42.8	311	39.5	276	41.9	287	41.9
Male	2,779	58.0	1,521	57.2	477	60.5	383	58.1	398	58.1
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	7,801	100.0	5,669	100.0	937	100.0	639	100.0	556	100.0
Female	3,264	41.8	2,397	42.3	369	39.4	262	41.0	236	42.4
Male	4,537	58.2	3,272	57.7	568	60.6	377	59.0	320	57.6
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	8,415	100.0	4,665	100.0	1,402	100.0	1,179	100.0	1,169	100.0
Female	3,646	43.3	2,050	43.9	580	41.4	522	44.3	494	42.3
Male	4,769	56.7	2,615	56.1	822	58.6	657	55.7	675	57.7
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	15,504	100.0	11,812	100.0	1,692	100.0	1,083	100.0	917	100.0
Female	6,802	43.9	5,267	44.6	680	40.2	457	42.2	398	43.4
Male	8,702	56.1	6,545	55.4	1,012	59.8	626	57.8	519	56.6
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	3,725	100.0	2,041	100.0	617	100.0	514	100.0	553	100.0
Female	1,541	41.4	863	42.3	243	39.4	202	39.3	233	42.1
Male	2,184	58.6	1,178	57.7	374	60.6	312	60.7	320	57.9
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	5,984	100.0	4,288	100.0	748	100.0	488	100.0	460	100.0
Female	2,455	41.0	1,780	41.5	283	37.8	194	39.8	198	43.0
Male	3,529	59.0	2,508	58.5	465	62.2	294	60.2	262	57.0
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	2,447	100.0	1,358	100.0	393	100.0	329	100.0	367	100.0
Female	1,040	42.5	587	43.2	158	40.2	142	43.2	153	41.7
Male	1,407	57.5	771	56.8	235	59.8	187	56.8	214	58.3



Table 5c: Distribution of all episode durations, by length categories, in days, by age group (years)										
Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	4,793	100.0	2,661	100.0	788	100.0	659	100.0	685	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	10	0.2	3	0.1	1	0.1	1	0.2	5	0.7
10-14	108	2.3	42	1.6	23	2.9	15	2.3	28	4.1
15-18	421	8.8	166	6.2	82	10.4	85	12.9	88	12.8
19-21	538	11.2	283	10.6	93	11.8	82	12.4	80	11.7
22-44	1,926	40.2	1,085	40.8	321	40.7	266	40.4	254	37.1
45-64	1,233	25.7	736	27.7	191	24.2	145	22.0	161	23.5
65-74	299	6.2	177	6.7	43	5.5	41	6.2	38	5.5
75+	258	5.4	169	6.4	34	4.3	24	3.6	31	4.5
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	7,801	100.0	5,669	100.0	937	100.0	639	100.0	556	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	17	0.2	8	0.1	4	0.4	1	0.2	4	0.7
10-14	165	2.1	93	1.6	31	3.3	17	2.7	24	4.3
15-18	684	8.8	422	7.4	102	10.9	82	12.8	78	14.0
19-21	872	11.2	617	10.9	112	12.0	78	12.2	65	11.7
22-44	3,059	39.2	2,225	39.2	371	39.6	248	38.8	215	38.7
45-64	2,076	26.6	1,591	28.1	220	23.5	143	22.4	122	21.9
65-74	510	6.5	392	6.9	50	5.3	40	6.3	28	5.0
75+	418	5.4	321	5.7	47	5.0	30	4.7	20	3.6
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	8,415	100.0	4,665	100.0	1,402	100.0	1,179	100.0	1,169	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	15	0.2	5	0.1	2	0.1	1	0.1	7	0.6
10-14	165	2.0	67	1.4	31	2.2	28	2.4	39	3.3
15-18	563	6.7	246	5.3	104	7.4	103	8.7	110	9.4
19-21	818	9.7	443	9.5	137	9.8	117	9.9	121	10.4
22-44	3,519	41.8	2,008	43.0	579	41.3	493	41.8	439	37.6
45-64	2,437	29.0	1,368	29.3	403	28.7	327	27.7	339	29.0
65-74	573	6.8	325	7.0	98	7.0	74	6.3	76	6.5
75+	325	3.9	203	4.4	48	3.4	36	3.1	38	3.3
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	15,504	100.0	11,812	100.0	1,692	100.0	1,083	100.0	917	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	27	0.2	16	0.1	4	0.2	1	0.1	6	0.7



Table 5c: Distribution of all episode durations, by length categories, in days, by age group (years)										
Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
10-14	292	1.9	187	1.6	46	2.7	28	2.6	31	3.4
15-18	909	5.9	582	4.9	129	7.6	99	9.1	99	10.8
19-21	1,383	8.9	1,020	8.6	156	9.2	109	10.1	98	10.7
22-44	6,456	41.6	4,997	42.3	679	40.1	432	39.9	348	37.9
45-64	4,759	30.7	3,701	31.3	505	29.8	298	27.5	255	27.8
65-74	1,082	7.0	841	7.1	110	6.5	77	7.1	54	5.9
75+	596	3.8	468	4.0	63	3.7	39	3.6	26	2.8
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	3,725	100.0	2,041	100.0	617	100.0	514	100.0	553	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	6	0.2	3	0.1	0	0.0	1	0.2	2	0.4
10-14	92	2.5	38	1.9	18	2.9	12	2.3	24	4.3
15-18	340	9.1	132	6.5	71	11.5	62	12.1	75	13.6
19-21	434	11.7	226	11.1	75	12.2	66	12.8	67	12.1
22-44	1,456	39.1	789	38.7	253	41.0	208	40.5	206	37.3
45-64	948	25.4	574	28.1	137	22.2	114	22.2	123	22.2
65-74	236	6.3	136	6.7	34	5.5	31	6.0	35	6.3
75+	213	5.7	143	7.0	29	4.7	20	3.9	21	3.8
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	5,984	100.0	4,288	100.0	748	100.0	488	100.0	460	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	8	0.1	4	0.1	2	0.3	0	0.0	2	0.4
10-14	144	2.4	84	2.0	25	3.3	15	3.1	20	4.3
15-18	533	8.9	323	7.5	82	11.0	61	12.5	67	14.6
19-21	700	11.7	490	11.4	91	12.2	64	13.1	55	12.0
22-44	2,308	38.6	1,639	38.2	299	40.0	193	39.5	177	38.5
45-64	1,527	25.5	1,158	27.0	170	22.7	99	20.3	100	21.7
65-74	406	6.8	305	7.1	42	5.6	33	6.8	26	5.7
75+	358	6.0	285	6.6	37	4.9	23	4.7	13	2.8
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	2,447	100.0	1,358	100.0	393	100.0	329	100.0	367	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	5	0.2	3	0.2	0	0.0	1	0.3	1	0.3
10-14	61	2.5	24	1.8	9	2.3	10	3.0	18	4.9
15-18	217	8.9	84	6.2	43	10.9	39	11.9	51	13.9
19-21	299	12.2	152	11.2	53	13.5	45	13.7	49	13.4
22-44	941	38.5	524	38.6	152	38.7	127	38.6	138	37.6



Table 5c: Distribution of all episode durations, by length categories, in days, by age group (years)

Exposures	Total Episodes		1-183		184-365		366-730		731+	
	N	%	N	%	N	%	N	%	N	%
45-64	617	25.2	381	28.1	93	23.7	69	21.0	74	20.2
65-74	162	6.6	91	6.7	23	5.9	25	7.6	23	6.3
75+	145	5.9	99	7.3	20	5.1	13	4.0	13	3.5



Table 6a: Descriptive statistics of all exposure episode durations, in days								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	4,793	337.80	472.85	1	36	143	420	3,358
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	7,801	201.72	355.63	1	28	60	211	3,358
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	8,415	342.06	489.99	1	32	143	420	3,528
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	15,504	180.12	341.04	1	28	56	172	3,528
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	3,725	344.80	473.42	1	37	148	437	3,163
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	5,984	208.97	361.12	1	28	62	221	3,052
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	2,447	341.41	464.79	1	37	144	437	2,734

Table 6b: Descriptive statistics of all exposure episode durations, in days, by sex								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	4,793	337.80	472.85	1	36	143	420	3,358
Female	2,014	338.76	485.70	1	38	139	416	3,358
Male	2,779	337.10	463.40	1	33	147	422	3,079
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	7,801	201.72	355.63	1	28	60	211	3,358
Female	3,264	203.32	364.11	1	28	62	203	3,358
Male	4,537	200.57	349.44	1	28	60	217	3,079
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	8,415	342.06	489.99	1	32	143	420	3,528
Female	3,646	341.27	496.58	1	34	138	422	3,528
Male	4,769	342.67	484.95	1	31	147	418	3,479
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	15,504	180.12	341.04	1	28	56	172	3,528
Female	6,802	177.01	343.70	1	28	55	158	3,528
Male	8,702	182.55	338.95	1	29	56	182	3,479
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	3,725	344.80	473.42	1	37	148	437	3,163
Female	1,541	347.35	486.16	1	42	143	427	3,163
Male	2,184	342.99	464.33	1	34	151	447	2,820
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	5,984	208.97	361.12	1	28	62	221	3,052
Female	2,455	212.49	370.83	1	28	64	211	3,052
Male	3,529	206.52	354.25	1	28	60	230	2,820
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	2,447	341.41	464.79	1	37	144	437	2,734
Female	1,040	339.96	467.20	1	44	140	428	2,566
Male	1,407	342.48	463.16	1	34	147	446	2,734

Table 6c: Descriptive statistics of all exposure episode durations, in days, by age group (years)								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	4,793	337.80	472.85	1	36	143	420	3,358
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	10	834.00	900.53	12	30	631	1,382	2,781
10-14	108	573.17	712.02	5	92	289	815	3,052
15-18	421	470.61	561.72	1	93	256	635	3,079
19-21	538	348.59	459.57	3	45	157	463	2,771
22-44	1,926	329.14	468.81	1	36	142	403	3,358
45-64	1,233	303.51	436.66	1	30	117	364	3,345
65-74	299	291.47	395.50	4	30	120	403	1,960
75+	258	262.98	393.21	1	30	85	329	2,639
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	7,801	201.72	355.63	1	28	60	211	3,358
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	17	486.06	760.30	12	42	201	377	2,781
10-14	165	370.42	585.12	4	30	141	352	3,052
15-18	684	284.11	445.37	1	30	96	344	3,079
19-21	872	209.36	356.48	2	28	66	235	2,771
22-44	3,059	201.54	354.13	1	29	60	212	3,358
45-64	2,076	174.01	317.36	1	28	56	168	3,301
65-74	510	164.76	271.69	2	25	56	174	1,764
75+	418	156.85	272.53	1	25	52	172	2,639
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	8,415	342.06	489.99	1	32	143	420	3,528
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	15	767.07	820.13	12	30	507	1,382	2,781
10-14	165	528.92	652.25	5	74	279	686	3,052
15-18	563	447.07	565.48	1	70	223	574	3,079
19-21	818	347.73	476.63	2	39	148	456	3,007
22-44	3,519	325.10	478.59	1	30	136	393	3,479
45-64	2,437	342.80	498.67	1	31	141	407	3,528
65-74	573	305.53	407.56	4	30	136	400	2,478
75+	325	273.89	396.97	1	30	98	338	2,639
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	15,504	180.12	341.04	1	28	56	172	3,528
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	27	420.67	667.26	12	58	93	377	2,781
10-14	292	292.37	503.60	4	30	89	303	3,052



Table 6c: Descriptive statistics of all exposure episode durations, in days, by age group (years)								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
15-18	909	271.75	442.72	1	30	86	313	3,079
19-21	1,383	199.31	357.19	2	28	60	199	3,007
22-44	6,456	171.62	332.36	1	30	46	158	3,479
45-64	4,759	170.09	329.95	1	28	56	154	3,528
65-74	1,082	156.24	266.29	2	28	48	156	2,173
75+	596	145.56	259.60	1	25	43	147	2,639
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	3,725	344.80	473.42	1	37	148	437	3,163
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	6	844.17	1151.31	12	29	269	1,706	2,781
10-14	92	560.63	711.89	5	77	271	815	3,052
15-18	340	468.69	545.88	1	103	258	643	2,820
19-21	434	358.40	478.20	3	41	166	483	2,771
22-44	1,456	345.21	472.57	1	43	151	432	3,163
45-64	948	301.35	429.25	1	30	113	365	2,464
65-74	236	314.08	425.13	4	30	126	420	1,960
75+	213	236.61	339.23	1	30	85	300	1,769
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	5,984	208.97	361.12	1	28	62	221	3,052
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	8	629.50	1040.16	12	30	122	971	2,781
10-14	144	353.18	570.14	4	28	116	344	3,052
15-18	533	293.62	454.03	1	30	95	351	2,820
19-21	700	216.55	368.89	2	28	66	246	2,771
22-44	2,308	212.18	358.71	1	28	64	231	2,673
45-64	1,527	181.27	325.12	1	28	56	179	2,464
65-74	406	176.46	289.53	2	26	56	180	1,764
75+	358	135.00	221.12	1	25	47	138	1,547
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	2,447	341.41	464.79	1	37	144	437	2,734
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	5	456.80	729.05	12	29	30	507	1,706
10-14	61	585.57	682.30	5	109	306	887	2,566
15-18	217	481.76	550.31	1	103	246	682	2,550
19-21	299	372.99	493.82	3	42	177	494	2,734
22-44	941	340.06	458.56	1	46	147	427	2,451
45-64	617	290.55	422.89	1	30	105	343	2,464



Table 6c: Descriptive statistics of all exposure episode durations, in days, by age group (years)								
Exposures	Total Episodes	Mean	STD	Min	Q1	Median	Q3	Max
65-74	162	308.99	404.86	4	30	126	467	1,771
75+	145	220.92	310.74	1	30	89	259	1,670



Table 7a: Distribution of days supplied per dispensing, by length categories										
Exposures	Total Dispensings		0.5-1		2-7		8-14		15-21	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	87,034	100.0	299	0.3	34,564	39.7	18,646	21.4	2,175	2.5
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	87,034	100.0	299	0.3	34,564	39.7	18,646	21.4	2,175	2.5
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	135,096	100.0	402	0.3	43,209	32.0	25,251	18.7	3,032	2.2
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	135,828	100.0	402	0.3	43,223	31.8	25,291	18.6	3,073	2.3
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	69,850	100.0	261	0.4	28,064	40.2	15,170	21.7	1,776	2.5
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	69,850	100.0	261	0.4	28,064	40.2	15,170	21.7	1,776	2.5
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	45,833	100.0	147	0.3	18,552	40.5	9,991	21.8	1,241	2.7

Table 7a: Distribution of days supplied per dispensing, by length categories										
22-28		29-45		46-75		76-89		90+		
N	%	N	%	N	%	N	%	N	%	
12,525	14.4	15,350	17.6	3,223	3.7	92	0.1	160	0.2	
12,525	14.4	15,350	17.6	3,223	3.7	92	0.1	160	0.2	
24,926	18.5	32,159	23.8	5,606	4.1	164	0.1	347	0.3	
25,142	18.5	32,531	24.0	5,655	4.2	164	0.1	347	0.3	
9,804	14.0	12,015	17.2	2,559	3.7	85	0.1	116	0.2	
9,804	14.0	12,015	17.2	2,559	3.7	85	0.1	116	0.2	
6,474	14.1	7,651	16.7	1,658	3.6	50	0.1	69	0.2	



Table 7b: Distribution of days supplied per dispensing, by length categories, by sex										
Exposures	Total Dispensings		0.5-1		2-7		8-14		15-21	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	87,034	100.0	299	100.0	34,564	100.0	18,646	100.0	2,175	100.0
Female	37,460	43.0	114	38.1	15,647	45.3	7,949	42.6	861	39.6
Male	49,574	57.0	185	61.9	18,917	54.7	10,697	57.4	1,314	60.4
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	87,034	100.0	299	100.0	34,564	100.0	18,646	100.0	2,175	100.0
Female	37,460	43.0	114	38.1	15,647	45.3	7,949	42.6	861	39.6
Male	49,574	57.0	185	61.9	18,917	54.7	10,697	57.4	1,314	60.4
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	135,096	100.0	402	100.0	43,209	100.0	25,251	100.0	3,032	100.0
Female	58,927	43.6	153	38.1	19,714	45.6	10,871	43.1	1,283	42.3
Male	76,169	56.4	249	61.9	23,495	54.4	14,380	56.9	1,749	57.7
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	135,828	100.0	402	100.0	43,223	100.0	25,291	100.0	3,073	100.0
Female	59,202	43.6	153	38.1	19,719	45.6	10,882	43.0	1,292	42.0
Male	76,626	56.4	249	61.9	23,504	54.4	14,409	57.0	1,781	58.0
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	69,850	100.0	261	100.0	28,064	100.0	15,170	100.0	1,776	100.0
Female	29,343	42.0	96	36.8	12,113	43.2	6,217	41.0	683	38.5
Male	40,507	58.0	165	63.2	15,951	56.8	8,953	59.0	1,093	61.5
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	69,850	100.0	261	100.0	28,064	100.0	15,170	100.0	1,776	100.0
Female	29,343	42.0	96	36.8	12,113	43.2	6,217	41.0	683	38.5
Male	40,507	58.0	165	63.2	15,951	56.8	8,953	59.0	1,093	61.5
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	45,833	100.0	147	100.0	18,552	100.0	9,991	100.0	1,241	100.0
Female	19,509	42.6	64	43.5	8,254	44.5	4,001	40.0	476	38.4
Male	26,324	57.4	83	56.5	10,298	55.5	5,990	60.0	765	61.6



Table 7b: Distribution of days supplied per dispensing, by length categories, by sex									
22-28		29-45		46-75		76-89		90+	
N	%	N	%	N	%	N	%	N	%
12,525	100.0	15,350	100.0	3,223	100.0	92	100.0	160	100.0
5,448	43.5	5,877	38.3	1,458	45.2	33	35.9	73	45.6
7,077	56.5	9,473	61.7	1,765	54.8	59	64.1	87	54.4
12,525	100.0	15,350	100.0	3,223	100.0	92	100.0	160	100.0
5,448	43.5	5,877	38.3	1,458	45.2	33	35.9	73	45.6
7,077	56.5	9,473	61.7	1,765	54.8	59	64.1	87	54.4
24,926	100.0	32,159	100.0	5,606	100.0	164	100.0	347	100.0
10,830	43.4	13,235	41.2	2,642	47.1	69	42.1	130	37.5
14,096	56.6	18,924	58.8	2,964	52.9	95	57.9	217	62.5
25,142	100.0	32,531	100.0	5,655	100.0	164	100.0	347	100.0
10,910	43.4	13,400	41.2	2,647	46.8	69	42.1	130	37.5
14,232	56.6	19,131	58.8	3,008	53.2	95	57.9	217	62.5
9,804	100.0	12,015	100.0	2,559	100.0	85	100.0	116	100.0
4,335	44.2	4,716	39.3	1,104	43.1	29	34.1	50	43.1
5,469	55.8	7,299	60.7	1,455	56.9	56	65.9	66	56.9
9,804	100.0	12,015	100.0	2,559	100.0	85	100.0	116	100.0
4,335	44.2	4,716	39.3	1,104	43.1	29	34.1	50	43.1
5,469	55.8	7,299	60.7	1,455	56.9	56	65.9	66	56.9
6,474	100.0	7,651	100.0	1,658	100.0	50	100.0	69	100.0
2,879	44.5	3,050	39.9	721	43.5	23	46.0	41	59.4
3,595	55.5	4,601	60.1	937	56.5	27	54.0	28	40.6



Table 7c: Distribution of days supplied per dispensing, by length categories, by age group (years)										
Exposures	Total Dispensings		0.5-1		2-7		8-14		15-21	
	N	%	N	%	N	%	N	%	N	%
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	87,034	100.0	299	100.0	34,564	100.0	18,646	100.0	2,175	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	434	0.5	2	0.7	194	0.6	67	0.4	2	0.1
10-14	3,158	3.6	13	4.3	938	2.7	896	4.8	123	5.7
15-18	10,701	12.3	49	16.4	4,117	11.9	2,590	13.9	344	15.8
19-21	10,656	12.2	28	9.4	4,565	13.2	2,417	13.0	323	14.9
22-44	33,396	38.4	78	26.1	13,209	38.2	6,607	35.4	752	34.6
45-64	19,009	21.8	104	34.8	7,156	20.7	3,647	19.6	469	21.6
65-74	5,251	6.0	10	3.3	2,250	6.5	1,390	7.5	59	2.7
75+	4,429	5.1	15	5.0	2,135	6.2	1,032	5.5	103	4.7
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	87,034	100.0	299	100.0	34,564	100.0	18,646	100.0	2,175	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	434	0.5	2	0.7	194	0.6	67	0.4	2	0.1
10-14	3,158	3.6	13	4.3	938	2.7	896	4.8	123	5.7
15-18	10,701	12.3	49	16.4	4,117	11.9	2,590	13.9	344	15.8
19-21	10,656	12.2	28	9.4	4,565	13.2	2,417	13.0	323	14.9
22-44	33,396	38.4	78	26.1	13,209	38.2	6,607	35.4	752	34.6
45-64	19,009	21.8	104	34.8	7,156	20.7	3,647	19.6	469	21.6
65-74	5,251	6.0	10	3.3	2,250	6.5	1,390	7.5	59	2.7
75+	4,429	5.1	15	5.0	2,135	6.2	1,032	5.5	103	4.7
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	135,096	100.0	402	100.0	43,209	100.0	25,251	100.0	3,032	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	592	0.4	2	0.5	266	0.6	94	0.4	2	0.1
10-14	4,265	3.2	22	5.5	1,245	2.9	1,155	4.6	137	4.5
15-18	13,190	9.8	55	13.7	4,879	11.3	3,030	12.0	412	13.6
19-21	14,771	10.9	36	9.0	5,698	13.2	3,104	12.3	412	13.6
22-44	52,345	38.7	117	29.1	16,422	38.0	8,771	34.7	1,090	35.9
45-64	36,042	26.7	137	34.1	9,513	22.0	6,133	24.3	728	24.0
65-74	8,573	6.3	15	3.7	2,887	6.7	1,788	7.1	107	3.5
75+	5,318	3.9	18	4.5	2,299	5.3	1,176	4.7	144	4.7
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	135,828	100.0	402	100.0	43,223	100.0	25,291	100.0	3,073	100.0
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-09	592	0.4	2	0.5	266	0.6	94	0.4	2	0.1



Table 7c: Distribution of days supplied per dispensing, by length categories, by age group (years)									
22-28		29-45		46-75		76-89		90+	
N	%	N	%	N	%	N	%	N	%
12,525	100.0	15,350	100.0	3,223	100.0	92	100.0	160	100.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
74	0.6	63	0.4	31	1.0	1	1.1	0	0.0
499	4.0	534	3.5	148	4.6	7	7.6	0	0.0
1,427	11.4	1,598	10.4	555	17.2	6	6.5	15	9.4
1,182	9.4	1,737	11.3	377	11.7	10	10.9	17	10.6
4,978	39.7	6,456	42.1	1,225	38.0	41	44.6	50	31.3
3,224	25.7	3,578	23.3	734	22.8	26	28.3	71	44.4
675	5.4	765	5.0	94	2.9	1	1.1	7	4.4
466	3.7	619	4.0	59	1.8	0	0.0	0	0.0
12,525	100.0	15,350	100.0	3,223	100.0	92	100.0	160	100.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
74	0.6	63	0.4	31	1.0	1	1.1	0	0.0
499	4.0	534	3.5	148	4.6	7	7.6	0	0.0
1,427	11.4	1,598	10.4	555	17.2	6	6.5	15	9.4
1,182	9.4	1,737	11.3	377	11.7	10	10.9	17	10.6
4,978	39.7	6,456	42.1	1,225	38.0	41	44.6	50	31.3
3,224	25.7	3,578	23.3	734	22.8	26	28.3	71	44.4
675	5.4	765	5.0	94	2.9	1	1.1	7	4.4
466	3.7	619	4.0	59	1.8	0	0.0	0	0.0
24,926	100.0	32,159	100.0	5,606	100.0	164	100.0	347	100.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
92	0.4	88	0.3	47	0.8	1	0.6	0	0.0
621	2.5	843	2.6	230	4.1	7	4.3	5	1.4
1,991	8.0	2,115	6.6	674	12.0	18	11.0	16	4.6
2,022	8.1	2,799	8.7	653	11.6	26	15.9	21	6.1
9,891	39.7	13,706	42.6	2,178	38.9	74	45.1	96	27.7
7,837	31.4	9,984	31.0	1,506	26.9	35	21.3	169	48.7
1,740	7.0	1,749	5.4	246	4.4	3	1.8	38	11.0
732	2.9	875	2.7	72	1.3	0	0.0	2	0.6
25,142	100.0	32,531	100.0	5,655	100.0	164	100.0	347	100.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
92	0.4	88	0.3	47	0.8	1	0.6	0	0.0

Table 7c: Distribution of days supplied per dispensing, by length categories, by age group (years)											
Exposures	Total Dispensings		0.5-1		2-7		8-14		15-21		
	N	%	N	%	N	%	N	%	N	%	
10-14	4,265	3.1	22	5.5	1,245	2.9	1,155	4.6	137	4.5	
15-18	13,198	9.7	55	13.7	4,879	11.3	3,030	12.0	412	13.4	
19-21	14,770	10.9	36	9.0	5,698	13.2	3,104	12.3	412	13.4	
22-44	52,640	38.8	117	29.1	16,430	38.0	8,773	34.7	1,091	35.5	
45-64	36,352	26.8	137	34.1	9,520	22.0	6,145	24.3	758	24.7	
65-74	8,635	6.4	15	3.7	2,886	6.7	1,789	7.1	107	3.5	
75+	5,376	4.0	18	4.5	2,299	5.3	1,201	4.7	154	5.0	
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	69,850	100.0	261	100.0	28,064	100.0	15,170	100.0	1,776	100.0	
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
05-09	216	0.3	2	0.8	62	0.2	42	0.3	2	0.1	
10-14	2,636	3.8	11	4.2	824	2.9	683	4.5	105	5.9	
15-18	8,691	12.4	43	16.5	3,355	12.0	2,174	14.3	277	15.6	
19-21	8,884	12.7	25	9.6	3,747	13.4	2,065	13.6	294	16.6	
22-44	26,690	38.2	59	22.6	10,616	37.8	5,360	35.3	634	35.7	
45-64	14,831	21.2	98	37.5	5,831	20.8	2,828	18.6	346	19.5	
65-74	4,515	6.5	10	3.8	1,974	7.0	1,191	7.9	48	2.7	
75+	3,387	4.8	13	5.0	1,655	5.9	827	5.5	70	3.9	
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	69,850	100.0	261	100.0	28,064	100.0	15,170	100.0	1,776	100.0	
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
05-09	216	0.3	2	0.8	62	0.2	42	0.3	2	0.1	
10-14	2,636	3.8	11	4.2	824	2.9	683	4.5	105	5.9	
15-18	8,691	12.4	43	16.5	3,355	12.0	2,174	14.3	277	15.6	
19-21	8,884	12.7	25	9.6	3,747	13.4	2,065	13.6	294	16.6	
22-44	26,690	38.2	59	22.6	10,616	37.8	5,360	35.3	634	35.7	
45-64	14,831	21.2	98	37.5	5,831	20.8	2,828	18.6	346	19.5	
65-74	4,515	6.5	10	3.8	1,974	7.0	1,191	7.9	48	2.7	
75+	3,387	4.8	13	5.0	1,655	5.9	827	5.5	70	3.9	
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	45,833	100.0	147	100.0	18,552	100.0	9,991	100.0	1,241	100.0	
00-01	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
02-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
05-09	130	0.3	2	1.4	60	0.3	23	0.2	2	0.2	
10-14	1,905	4.2	9	6.1	643	3.5	473	4.7	91	7.3	
15-18	5,645	12.3	35	23.8	2,165	11.7	1,355	13.6	190	15.3	
19-21	6,319	13.8	21	14.3	2,580	13.9	1,475	14.8	219	17.6	
22-44	17,095	37.3	37	25.2	6,864	37.0	3,525	35.3	406	32.7	



Table 7c: Distribution of days supplied per dispensing, by length categories, by age group (years)									
22-28		29-45		46-75		76-89		90+	
N	%	N	%	N	%	N	%	N	%
621	2.5	843	2.6	230	4.1	7	4.3	5	1.4
1,991	7.9	2,120	6.5	677	12.0	18	11.0	16	4.6
2,022	8.0	2,799	8.6	652	11.5	26	15.9	21	6.1
9,988	39.7	13,892	42.7	2,179	38.5	74	45.1	96	27.7
7,934	31.6	10,102	31.1	1,552	27.4	35	21.3	169	48.7
1,762	7.0	1,789	5.5	246	4.4	3	1.8	38	11.0
732	2.9	898	2.8	72	1.3	0	0.0	2	0.6
9,804	100.0	12,015	100.0	2,559	100.0	85	100.0	116	100.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
68	0.7	8	0.1	31	1.2	1	1.2	0	0.0
464	4.7	428	3.6	115	4.5	6	7.1	0	0.0
1,089	11.1	1,289	10.7	443	17.3	6	7.1	15	12.9
1,013	10.3	1,433	11.9	283	11.1	9	10.6	15	12.9
3,951	40.3	4,999	41.6	1,002	39.2	39	45.9	30	25.9
2,316	23.6	2,753	22.9	585	22.9	23	27.1	51	44.0
530	5.4	673	5.6	83	3.2	1	1.2	5	4.3
373	3.8	432	3.6	17	0.7	0	0.0	0	0.0
9,804	100.0	12,015	100.0	2,559	100.0	85	100.0	116	100.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
68	0.7	8	0.1	31	1.2	1	1.2	0	0.0
464	4.7	428	3.6	115	4.5	6	7.1	0	0.0
1,089	11.1	1,289	10.7	443	17.3	6	7.1	15	12.9
1,013	10.3	1,433	11.9	283	11.1	9	10.6	15	12.9
3,951	40.3	4,999	41.6	1,002	39.2	39	45.9	30	25.9
2,316	23.6	2,753	22.9	585	22.9	23	27.1	51	44.0
530	5.4	673	5.6	83	3.2	1	1.2	5	4.3
373	3.8	432	3.6	17	0.7	0	0.0	0	0.0
6,474	100.0	7,651	100.0	1,658	100.0	50	100.0	69	100.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
26	0.4	8	0.1	9	0.5	0	0.0	0	0.0
361	5.6	259	3.4	65	3.9	4	8.0	0	0.0
766	11.8	810	10.6	312	18.8	1	2.0	11	15.9
770	11.9	1,039	13.6	195	11.8	6	12.0	14	20.3
2,369	36.6	3,198	41.8	645	38.9	25	50.0	26	37.7



Table 7c: Distribution of days supplied per dispensing, by length categories, by age group (years)

Exposures	Total Dispensings		0.5-1		2-7		8-14		15-21	
	N	%	N	%	N	%	N	%	N	%
45-64	9,458	20.6	26	17.7	3,761	20.3	1,819	18.2	235	18.9
65-74	3,163	6.9	7	4.8	1,481	8.0	789	7.9	40	3.2
75+	2,118	4.6	10	6.8	998	5.4	532	5.3	58	4.7



Table 7c: Distribution of days supplied per dispensing, by length categories, by age group (years)

22-28		29-45		46-75		76-89		90+	
N	%	N	%	N	%	N	%	N	%
1,566	24.2	1,652	21.6	369	22.3	14	28.0	16	23.2
401	6.2	388	5.1	55	3.3	0	0.0	2	2.9
215	3.3	297	3.9	8	0.5	0	0.0	0	0.0



Table 8a: Descriptive statistics of days supplied per dispensing								
Exposures	Total Dispensings	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	87,034	17.77	13.15	1	7	14	28	367
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	87,034	17.77	13.15	1	7	14	28	367
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	135,096	20.15	13.52	1	7	14	30	367
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	135,828	20.20	13.51	1	7	14	30	367
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	69,850	17.59	13.10	1	7	14	28	367
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	69,850	17.59	13.10	1	7	14	28	367
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	45,833	17.48	13.03	1	7	14	28	367

Table 8b: Descriptive statistics of days supplied per dispensing, by sex								
Exposures	Total Dispensings	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	87,034	17.77	13.15	1	7	14	28	367
Female	37,460	17.39	13.28	1	7	14	28	367
Male	49,574	18.05	13.04	1	7	14	28	120
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	87,034	17.77	13.15	1	7	14	28	367
Female	37,460	17.39	13.28	1	7	14	28	367
Male	49,574	18.05	13.04	1	7	14	28	120
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	135,096	20.15	13.52	1	7	14	30	367
Female	58,927	19.92	13.65	1	7	14	30	367
Male	76,169	20.32	13.41	1	7	14	30	285
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	135,828	20.20	13.51	1	7	14	30	367
Female	59,202	19.96	13.63	1	7	14	30	367
Male	76,626	20.38	13.41	1	7	15	30	285
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	69,850	17.59	13.10	1	7	14	28	367
Female	29,343	17.46	13.21	1	7	14	28	367
Male	40,507	17.69	13.03	1	7	14	28	120
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	69,850	17.59	13.10	1	7	14	28	367
Female	29,343	17.46	13.21	1	7	14	28	367
Male	40,507	17.69	13.03	1	7	14	28	120
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	45,833	17.48	13.03	1	7	14	28	367
Female	19,509	17.34	13.34	1	7	14	28	367
Male	26,324	17.58	12.79	1	7	14	28	120

Table 8c: Descriptive statistics of days supplied per dispensing, by age group (years)									
Exposures	Total Dispensings	Mean	STD	Min	Q1	Median	Q3	Max	
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	87,034	17.77	13.15	1	7	14	28	367	
00-01	0	-	-	-	-	-	-	-	
02-04	0	-	-	-	-	-	-	-	
05-09	434	18.66	14.54	1	7	14	28	84	
10-14	3,158	19.13	13.12	1	7	14	28	86	
15-18	10,701	17.92	13.67	1	7	14	28	134	
19-21	10,656	16.84	12.82	1	7	14	28	120	
22-44	33,396	18.16	13.24	1	7	14	28	367	
45-64	19,009	18.64	13.65	1	7	14	28	120	
65-74	5,251	15.66	11.31	1	7	14	28	90	
75+	4,429	14.39	10.51	1	7	8	28	62	
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	87,034	17.77	13.15	1	7	14	28	367	
00-01	0	-	-	-	-	-	-	-	
02-04	0	-	-	-	-	-	-	-	
05-09	434	18.66	14.54	1	7	14	28	84	
10-14	3,158	19.13	13.12	1	7	14	28	86	
15-18	10,701	17.92	13.67	1	7	14	28	134	
19-21	10,656	16.84	12.82	1	7	14	28	120	
22-44	33,396	18.16	13.24	1	7	14	28	367	
45-64	19,009	18.64	13.65	1	7	14	28	120	
65-74	5,251	15.66	11.31	1	7	14	28	90	
75+	4,429	14.39	10.51	1	7	8	28	62	
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	135,096	20.15	13.52	1	7	14	30	367	
00-01	0	-	-	-	-	-	-	-	
02-04	0	-	-	-	-	-	-	-	
05-09	592	18.87	15.01	1	7	14	28	84	
10-14	4,265	19.76	13.80	1	7	14	30	112	
15-18	13,190	18.46	13.74	1	7	14	28	134	
19-21	14,771	18.37	13.51	1	7	14	28	120	
22-44	52,345	20.64	13.45	1	7	20	30	367	
45-64	36,042	21.76	13.62	1	7	28	30	285	
65-74	8,573	19.11	12.97	1	7	14	28	100	
75+	5,318	15.66	10.98	1	7	10	28	90	
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	135,828	20.20	13.51	1	7	14	30	367	
00-01	0	-	-	-	-	-	-	-	
02-04	0	-	-	-	-	-	-	-	
05-09	592	18.87	15.01	1	7	14	28	84	
10-14	4,265	19.76	13.80	1	7	14	30	112	

Table 8c: Descriptive statistics of days supplied per dispensing, by age group (years)									
Exposures	Total Dispensings	Mean	STD	Min	Q1	Median	Q3	Max	
15-18	13,198	18.48	13.75	1	7	14	28	134	
19-21	14,770	18.36	13.51	1	7	14	28	120	
22-44	52,640	20.68	13.43	1	7	21	30	367	
45-64	36,352	21.83	13.63	1	7	28	30	285	
65-74	8,635	19.18	12.95	1	7	14	28	100	
75+	5,376	15.72	10.96	1	7	11	28	90	
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	69,850	17.59	13.10	1	7	14	28	367	
00-01	0	-	-	-	-	-	-	-	
02-04	0	-	-	-	-	-	-	-	
05-09	216	23.20	16.81	1	7	23	28	84	
10-14	2,636	19.04	13.01	1	7	14	28	86	
15-18	8,691	17.78	13.68	1	7	14	28	134	
19-21	8,884	16.78	12.63	1	7	14	28	120	
22-44	26,690	18.05	13.21	1	7	14	28	367	
45-64	14,831	18.31	13.73	1	7	14	28	120	
65-74	4,515	15.54	11.27	1	7	14	28	90	
75+	3,387	13.86	9.74	1	7	8	19	62	
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	69,850	17.59	13.10	1	7	14	28	367	
00-01	0	-	-	-	-	-	-	-	
02-04	0	-	-	-	-	-	-	-	
05-09	216	23.20	16.81	1	7	23	28	84	
10-14	2,636	19.04	13.01	1	7	14	28	86	
15-18	8,691	17.78	13.68	1	7	14	28	134	
19-21	8,884	16.78	12.63	1	7	14	28	120	
22-44	26,690	18.05	13.21	1	7	14	28	367	
45-64	14,831	18.31	13.73	1	7	14	28	120	
65-74	4,515	15.54	11.27	1	7	14	28	90	
75+	3,387	13.86	9.74	1	7	8	19	62	
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	45,833	17.48	13.03	1	7	14	28	367	
00-01	0	-	-	-	-	-	-	-	
02-04	0	-	-	-	-	-	-	-	
05-09	130	17.28	14.16	1	7	14	28	58	
10-14	1,905	18.27	12.51	1	7	14	28	84	
15-18	5,645	18.07	13.89	1	7	14	28	120	
19-21	6,319	17.05	12.67	1	7	14	28	90	
22-44	17,095	17.93	13.37	1	7	14	28	367	
45-64	9,458	18.11	13.25	1	7	14	28	111	



Table 8c: Descriptive statistics of days supplied per dispensing, by age group (years)								
Exposures	Total Dispensings	Mean	STD	Min	Q1	Median	Q3	Max
65-74	3,163	14.94	10.91	1	7	8	28	90
75+	2,118	13.88	9.72	1	7	8	20	60



Table 9a: Descriptive statistics of the length of all gaps between treatment episodes, in days								
Exposures	Total Gaps	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	1,244	164.12	263.23	31	40	62	154	2,200
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	4,252	58.71	157.75	8	11	18	35	2,200
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	2,876	126.59	210.26	31	38	55	104	2,200
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	9,942	47.86	124.04	8	12	19	34	2,200
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	912	163.97	250.64	31	40	65	168	1,862
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	3,171	57.85	150.43	8	11	18	34	1,862
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	570	162.65	253.36	31	40	66	159	1,862

Table 9b: Descriptive statistics of the length of all gaps between treatment episodes, in days, by sex								
Exposures	Total Gaps	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	1,244	164.12	263.23	31	40	62	154	2,200
Female	494	166.04	262.74	31	40	62	161	2,066
Male	750	162.86	263.72	31	40	61	151	2,200
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	4,252	58.71	157.75	8	11	18	35	2,200
Female	1,744	57.71	155.54	8	11	18	34	2,066
Male	2,508	59.40	159.30	8	11	18	35	2,200
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	2,876	126.59	210.26	31	38	55	104	2,200
Female	1,244	123.33	208.63	31	38	55	99	2,066
Male	1,632	129.08	211.52	31	38	55	107	2,200
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	9,942	47.86	124.04	8	12	19	34	2,200
Female	4,391	46.16	121.39	8	12	19	34	2,066
Male	5,551	49.20	126.09	8	12	19	34	2,200
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	912	163.97	250.64	31	40	65	168	1,862
Female	341	153.76	218.47	31	41	65	159	1,862
Male	571	170.07	268.02	31	40	66	170	1,767
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	3,171	57.85	150.43	8	11	18	34	1,862
Female	1,255	52.62	129.56	8	11	17	34	1,862
Male	1,916	61.28	162.59	8	11	18	35	1,767
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	570	162.65	253.36	31	40	66	159	1,862
Female	246	151.70	229.22	31	40	65	140	1,862
Male	324	170.96	270.31	31	40	66	169	1,767



Table 9c: Descriptive statistics of the length of all gaps between treatment episodes, in days, by age group (years)								
Exposures	Total Gaps	Mean	STD	Min	Q1	Median	Q3	Max
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	1,244	164.12	263.23	31	40	62	154	2,200
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	2	89.50	65.76	43	43	90	136	136
10-14	19	250.63	390.37	31	41	114	322	1,767
15-18	96	178.29	250.62	31	42	62	261	1,548
19-21	110	235.61	354.38	32	46	97	244	2,200
22-44	500	165.50	266.55	31	41	63	159	2,066
45-64	362	158.89	258.41	31	38	57	138	1,862
65-74	88	114.90	153.85	31	41	56	112	855
75+	67	86.79	106.44	31	35	57	96	715
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	4,252	58.71	157.75	8	11	18	35	2,200
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	9	28.44	41.76	8	10	11	15	136
10-14	76	72.95	217.39	8	10	16	30	1,767
15-18	359	58.24	148.20	8	11	16	33	1,548
19-21	444	69.58	200.07	8	11	16	30	2,200
22-44	1,633	61.35	162.92	8	12	19	37	2,066
45-64	1,205	58.51	156.14	8	12	19	35	1,862
65-74	299	44.26	95.00	8	11	18	35	855
75+	227	35.68	66.61	8	10	17	33	715
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	2,876	126.59	210.26	31	38	55	104	2,200
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	2	89.50	65.76	43	43	90	136	136
10-14	39	220.03	337.08	31	42	73	311	1,767
15-18	131	181.78	248.49	31	43	68	251	1,548
19-21	231	158.87	269.37	31	40	61	151	2,200
22-44	1,214	127.26	213.37	31	39	56	103	2,066
45-64	923	119.81	200.16	31	37	51	95	1,862
65-74	246	88.93	118.02	31	36	53	83	855
75+	90	87.26	104.58	31	35	48	96	715
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	9,942	47.86	124.04	8	12	19	34	2,200
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	14	23.36	33.64	8	10	13	18	136
10-14	166	63.13	183.85	8	11	17	29	1,767

Table 9c: Descriptive statistics of the length of all gaps between treatment episodes, in days, by age group (years)								
Exposures	Total Gaps	Mean	STD	Min	Q1	Median	Q3	Max
15-18	476	60.96	150.08	8	11	17	34	1,548
19-21	797	57.00	158.86	8	11	19	34	2,200
22-44	4,142	48.54	126.32	8	12	19	35	2,066
45-64	3,233	45.54	117.16	8	12	19	33	1,862
65-74	754	39.55	75.80	8	12	20	36	855
75+	360	34.65	64.04	8	11	17	31	715
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	912	163.97	250.64	31	40	65	168	1,862
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	0	-	-	-	-	-	-	-
10-14	17	258.35	410.47	31	41	114	311	1,767
15-18	78	161.28	207.97	31	40	62	225	1,235
19-21	87	216.25	316.22	32	46	91	244	1,711
22-44	353	162.57	244.01	31	41	69	166	1,611
45-64	257	167.79	267.68	31	39	63	159	1,862
65-74	66	132.85	173.42	31	41	58	142	855
75+	54	82.96	100.37	31	35	57	96	715
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	3,171	57.85	150.43	8	11	18	34	1,862
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	2	14.50	0.71	14	14	15	15	15
10-14	69	74.09	225.67	8	10	16	28	1,767
15-18	271	56.95	129.51	8	12	17	34	1,235
19-21	353	64.51	178.92	8	11	16	30	1,711
22-44	1,205	58.35	148.12	8	11	18	35	1,611
45-64	836	62.20	164.16	8	12	19	37	1,862
65-74	236	47.66	105.71	8	11	17	34	855
75+	199	32.90	60.54	8	10	16	32	715
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	570	162.65	253.36	31	40	66	159	1,862
00-01	0	-	-	-	-	-	-	-
02-04	0	-	-	-	-	-	-	-
05-09	0	-	-	-	-	-	-	-
10-14	10	310.20	527.40	33	41	111	293	1,767
15-18	46	158.26	228.79	31	43	62	147	1,235
19-21	58	218.43	315.70	32	44	93	214	1,429
22-44	226	155.28	234.99	31	38	70	152	1,611
45-64	153	167.37	269.19	31	40	65	149	1,862



Table 9c: Descriptive statistics of the length of all gaps between treatment episodes, in days, by age group (years)								
Exposures	Total Gaps	Mean	STD	Min	Q1	Median	Q3	Max
65-74	40	161.10	209.58	31	46	63	202	855
75+	37	67.95	49.01	31	35	45	92	261



Table 10: Counts of reason for censoring, all episodes and first episode										
	Total		Disenrollment		Evidence of death		DP/Query end date		Episode end	
	N	%	N	%	N	%	N	%	N	%
Total Episodes										
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	4,793	100.0	1,856	38.7	7	0.1	0	0.0	4,786	99.9
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	7,801	100.0	1,856	23.8	7	0.1	0	0.0	7,794	99.9
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	8,415	100.0	3,158	37.5	12	0.1	0	0.0	8,404	99.9
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	15,504	100.0	3,179	20.5	12	0.1	0	0.0	15,493	99.9
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	3,725	100.0	1,459	39.2	6	0.2	0	0.0	3,719	99.8
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	5,984	100.0	1,459	24.4	6	0.1	0	0.0	5,978	99.9
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	2,447	100.0	986	40.3	2	0.1	0	0.0	2,445	99.9
Patients' First Episode										
183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	3,549	100.0	1,461	41.2	5	0.1	0	0.0	3,544	99.9
183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	3,549	100.0	1,153	32.5	5	0.1	0	0.0	3,544	99.9
30 Day Enrollment, 30 Day Washout, 30 Day Episode Gap	5,539	100.0	2,358	42.6	6	0.1	0	0.0	5,533	99.9
30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	5,562	100.0	1,776	31.9	5	0.1	0	0.0	5,557	99.9
365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	2,813	100.0	1,157	41.1	4	0.1	0	0.0	2,809	99.9
365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	2,813	100.0	922	32.8	4	0.1	0	0.0	2,809	99.9
730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	1,877	100.0	786	41.9	2	0.1	0	0.0	1,875	99.9

Appendix A. Dates of available data for each data partner (DP) up to request end date (09/30/2019) as of query distribution date

Data Partner (Masked)	Start Date	End Date
DP01	01/01/2010	09/30/2019

Appendix B. Specifications used to define parameters in this query

Global Values

Enrollment Criteria: Medical and Drug Coverage

Enrollment Gap (Days): 45

Age Groups (Years): 00-01, 02-04, 05-09, 10-14, 15-18, 19-21, 22-44, 45-64, 65-74, 75+

Query Period: 01/01/2010-09/30/2019

Baseline Characteristics Table: No

Baseline Evaluation Window (Day):

#	Cohort Name	Index Exposure	Pre-Index Enrollment Period (Days)	Washout Period (Days)	Treatment Episode Gap (Days)	Treatment Episode Extension (Days)	Inclusion/Exclusion	Criteria	Criteria Definition	Evaluation Period Start (Day)	Evaluation Period End (Day)
1	183 Day Enrollment, 183 Day Washout, 30 Day Episode Gap	Clozapine ^[1]	30	30	30	0	--	--	--	--	--
2	183 Day Enrollment, 183 Day Washout, 7 Day Episode Gap	Clozapine ^[2]	183	183	30	0	--	--	--	--	--
3	365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	Clozapine ^[3]	365	365	30	0	--	--	--	--	--
4	30 Day Enrollment, 30 Day Washout, 7 Day Episode Gap	Clozapine ^[4]	30	30	7	0	--	--	--	--	--
5	365 Day Enrollment, 365 Day Washout, 30 Day Episode Gap	clozapine ^[5]	183	183	7	0	--	--	--	--	--
6	365 Day Enrollment, 365 Day Washout, 7 Day Episode Gap	Clozapine ^[6]	365	365	7	0	--	--	--	--	--
7	730 Day Enrollment, 730 Day Washout, 30 Day Episode Gap	Clozapine ^[7]	730	730	30	0	--	--	--	--	--

ICD-9, ICD-10, HCPCS AND CPT are provided by Optum360
NDCs are checked against First Data Bank's MedKnowledge.

Appendix of Generic Names and Chronic Conditions

- [1] clozapine
- [2] clozapine
- [3] clozapine
- [4] clozapine
- [5] clozapine
- [6] clozapine
- [7] clozapine

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

Age Groups - Age groups of members included in the cohort. Strata also used for reporting purposes.

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

Baseline Characteristics Table - Optional table containing general characteristics of study population, including background rates of 27 chronic conditions from the CMS Chronic Condition Warehouse (see above if table requested). Users define an evaluation period for the presence of baseline characteristics.

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.

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).

Cohort Definition - Cohort includes all valid exposure episodes during the query period. Only the first valid episode's incidence is assessed using the washout period.

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

Enrollment Criteria - Type of coverage required during enrollment period. By default, all patients must have medical and drug coverage.

Enrollment Gap - Allowed gap between coverage periods.

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

Inclusion/Exclusion - Contains the comprehensive set of codes used to define additional cohort inclusion and/or exclusion criteria (e.g., restrict cohort to individuals with evidence of a pre-existing condition 183 days before the index date). Criteria could be defined with complex algorithms (e.g., diagnosis codes and drug codes) defined under Criteria Definition.

Inpatient Hospital Stay (IP) - A care setting value including 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) - A care setting value including hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital analysis and other non-hospital stays.

Other Ambulatory Visit (OA) - A care setting value including 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 consultations.

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 - The period of time which patients can contribute index-defining exposure/events. Data prior to the start date may be used to determine enrollment, washout, and other cohort inclusion criteria.

Treatment Episode Extension - The episode extension adds the selected number of days to the end of an episode to count as exposed time.

Treatment Episode Gap - The maximum number of days allowed between two dispensings to consider them part of the same episode.

Washout Period - The period before an exposure episode during which an individual cannot have evidence of incidence-defining criteria.