

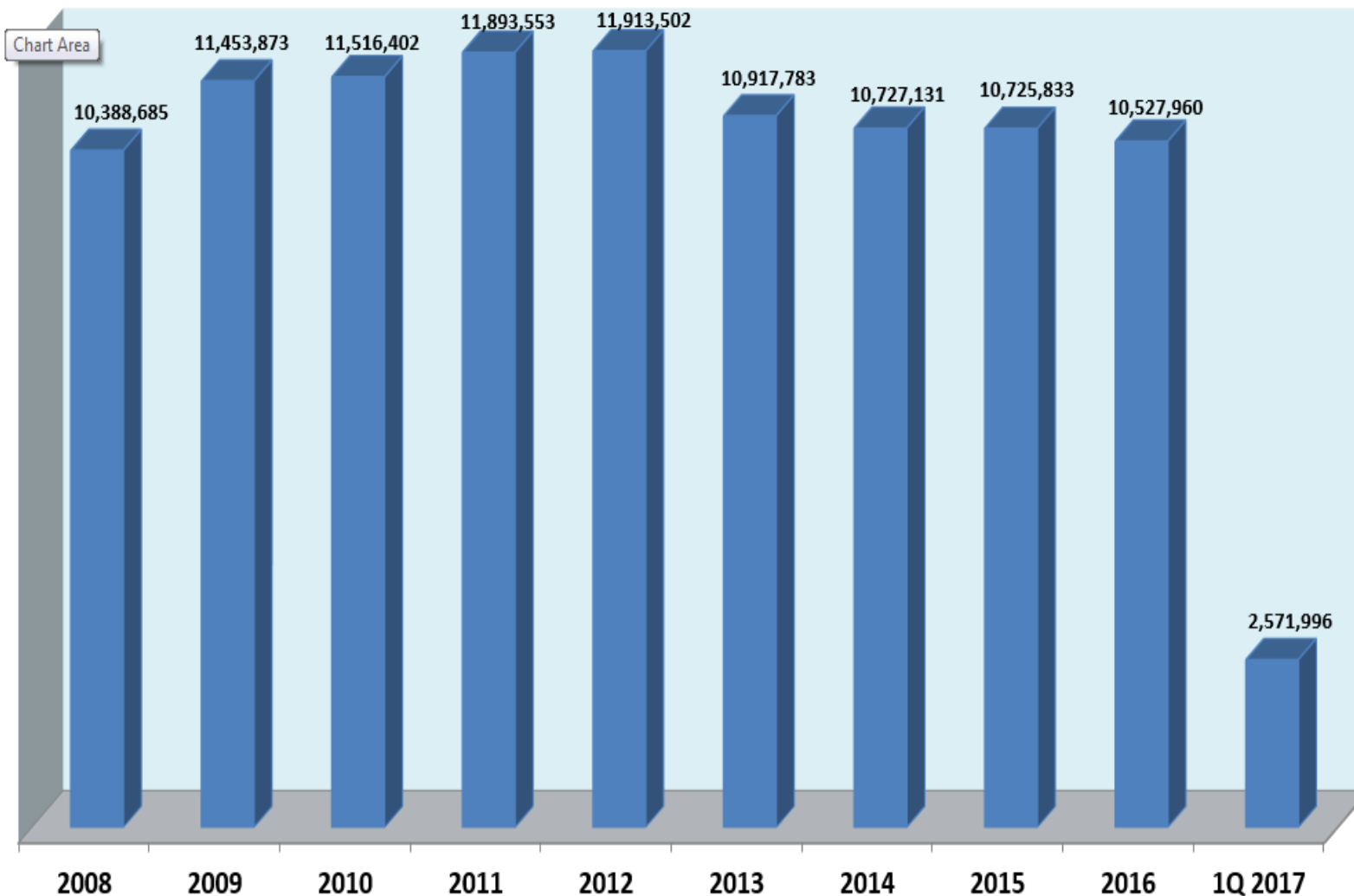
Kentucky All Schedule Prescription Electronic Reporting

Quarterly Trend Report 1st Quarter 2017

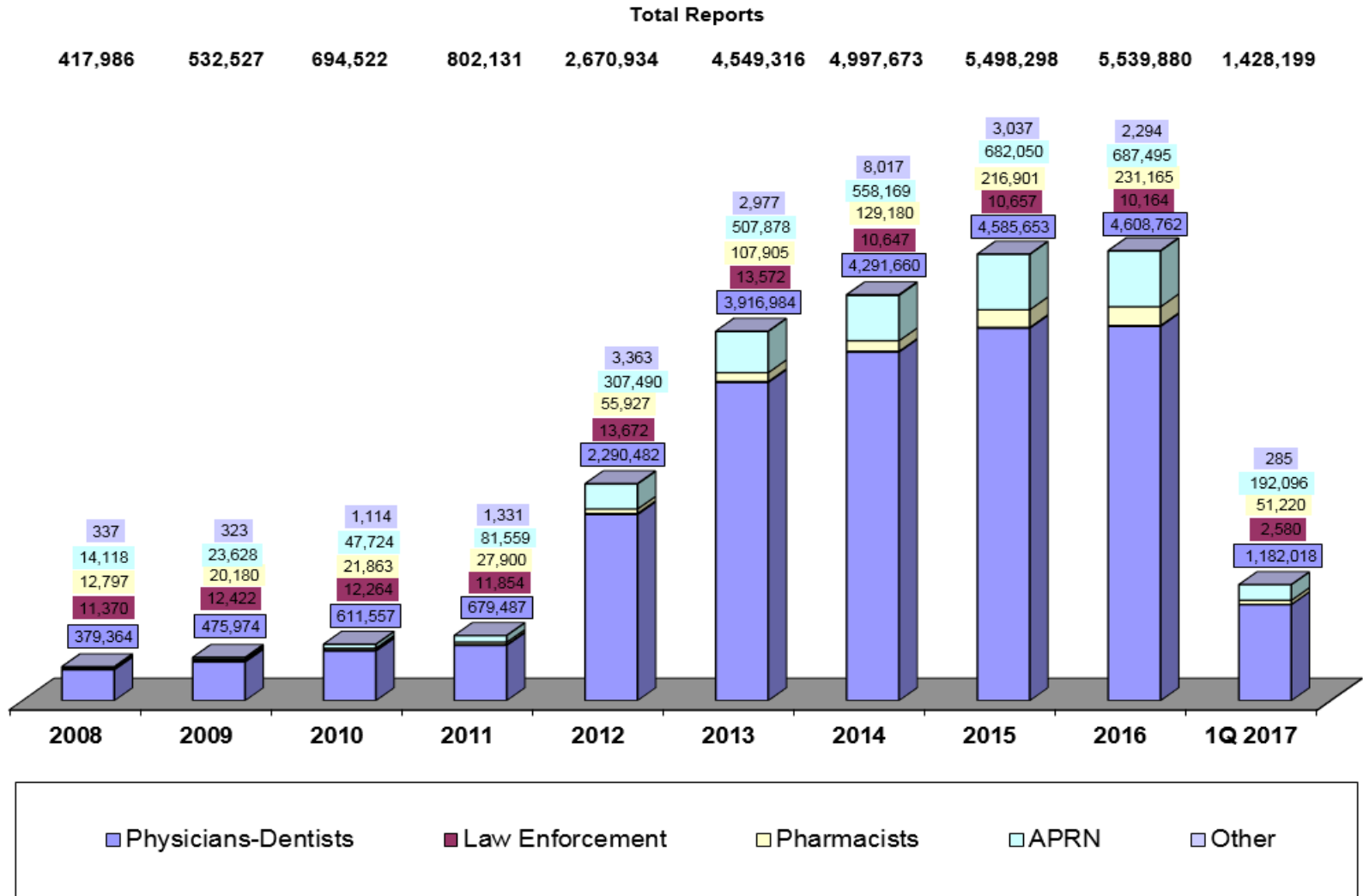
Cabinet for Health and Family Services
Office of Inspector General
275 E. Main Street
Frankfort, KY 40621



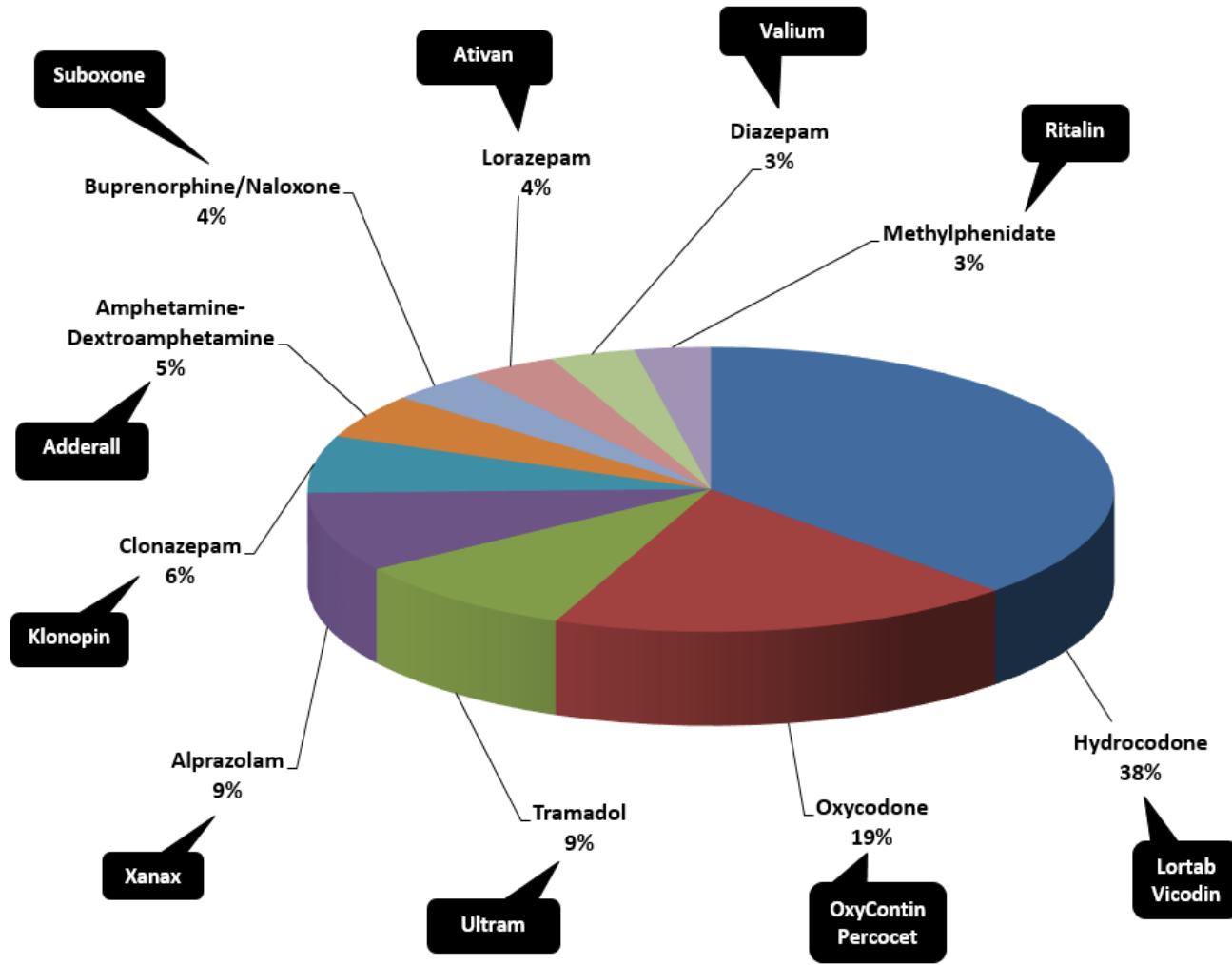
KASPER Records Added 2008 – Q1 2017



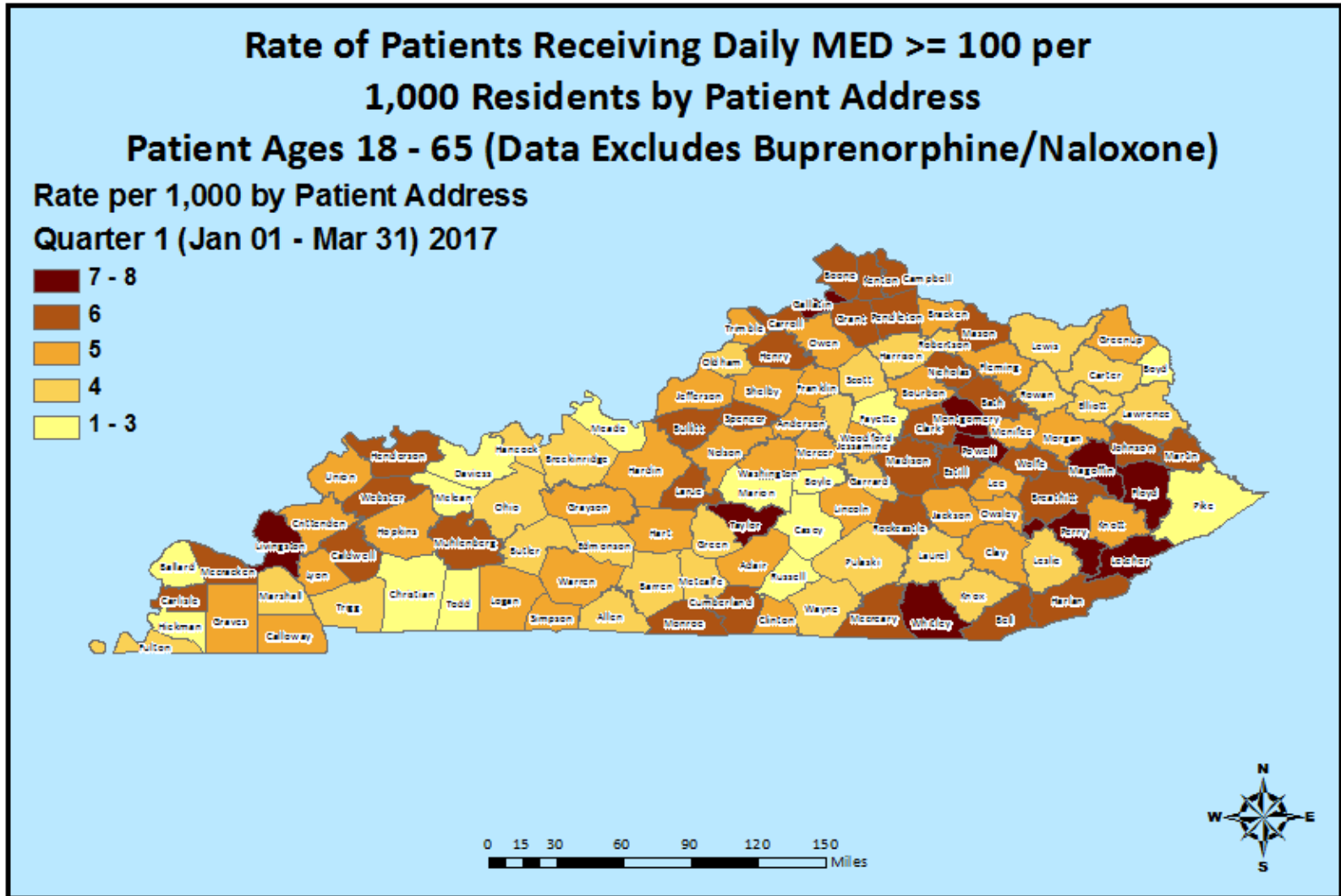
KASPER Reports Requested 2008 – Q1 2017



Top Prescribed Controlled Substances by Therapeutic Category by Doses – Q1 2017



Opioid Morphine Equivalent Dose (MED) Data Q1 2017



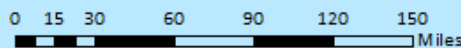
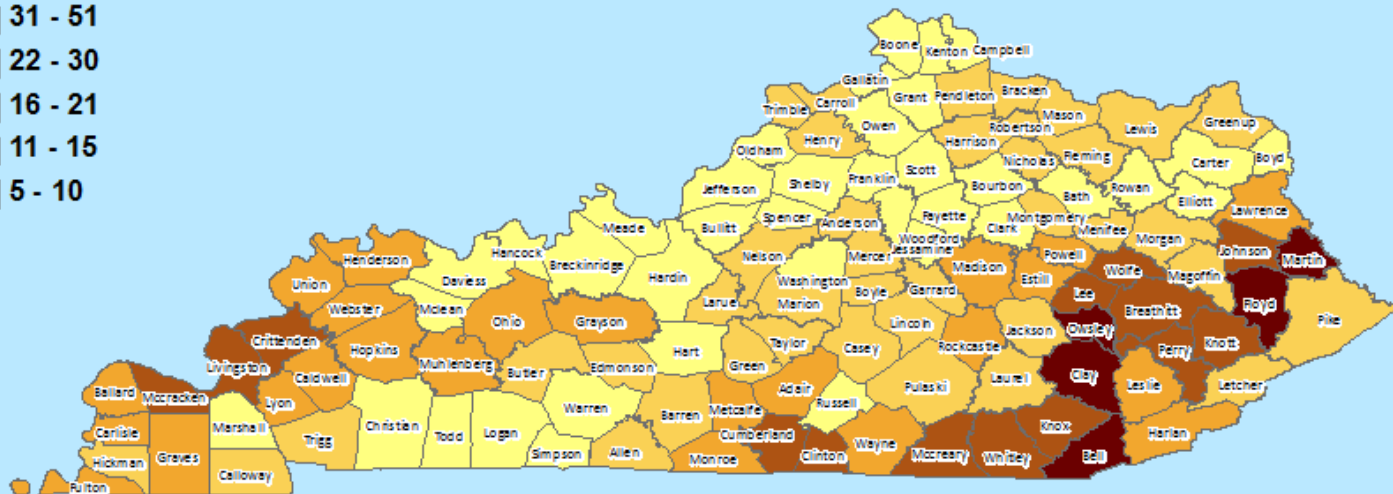
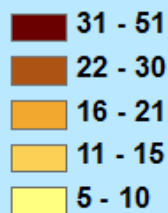
Opioid Morphine Equivalent Dose (MED) Data Q1 2017

Rate of Patients Receiving Daily Morphine Equivalent Dosage \geq 100 per 1,000 Residents for Quarter 1, 2017 Patient Ages 18 - 65 (Data Excludes Buprenorphine/Naloxone)							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	4	EDMONSON	3	KNOX	3	NICHOLAS	5
ALLEN	3	ELLIOTT	4	LARUE	5	OHIO	4
ANDERSON	4	ESTILL	5	LAUREL	4	OLDHAM	3
BALLARD	2	FAYETTE	2	LAWRENCE	3	OWEN	4
BARREN	3	FLEMING	4	LEE	4	OWSLEY	4
BATH	5	FLOYD	6	LESLIE	3	PENDLETON	5
BELL	5	FRANKLIN	4	LETCHER	7	PERRY	7
BOONE	6	FULTON	3	LEWIS	3	PIKE	2
BOURBON	4	GALLATIN	8	LINCOLN	4	POWELL	8
BOYD	2	GARRARD	3	LIVINGSTON	7	PULASKI	4
BOYLE	2	GRANT	6	LOGAN	4	ROBERTSON	3
BRACKEN	4	GRAVES	4	LYON	4	ROCKCASTLE	5
BREATHITT	5	GRAYSON	4	MADISON	5	ROWAN	4
BRECKINRIDGE	3	GREEN	4	MAGOFFIN	8	RUSSELL	1
BULLITT	5	GREENUP	4	MARION	3	SCOTT	3
BUTLER	3	HANCOCK	3	MARSHALL	3	SHELBY	4
CALDWELL	5	HARDIN	4	MARTIN	6	SIMPSON	4
CALLOWAY	4	HARLAN	5	MASON	5	SPENCER	6
CAMPBELL	5	HARRISON	4	MCCRACKEN	6	TAYLOR	7
CARLISLE	5	HART	4	MCCREARY	5	TODD	2
CARROLL	5	HENDERSON	5	MCLEAN	2	TRIGG	3
CARTER	4	HENRY	5	MEADE	3	TRIMBLE	5
CASEY	2	HICKMAN	2	MENIFEE	4	UNION	4
CHRISTIAN	2	HOPKINS	4	MERCER	4	WARREN	4
CLARK	5	JACKSON	4	METCALFE	3	WASHINGTON	4
CLAY	4	JEFFERSON	4	MONROE	5	WAYNE	3
CLINTON	5	JESSAMINE	4	MONTGOMERY	6	WEBSTER	5
CRITTENDEN	4	JOHNSON	5	MORGAN	4	WHITLEY	7
CUMBERLAND	5	KENTON	5	MUHLENBERG	5	WOLFE	5
DAVISS	2	KNOTT	4	NELSON	4	WOODFORD	3

Patients with Seven or More Days of Overlapping Opioid and Benzodiazepine Prescriptions Q1 2017

Opioid and Benzodiazepine 7-Day Overlap by Patient Address

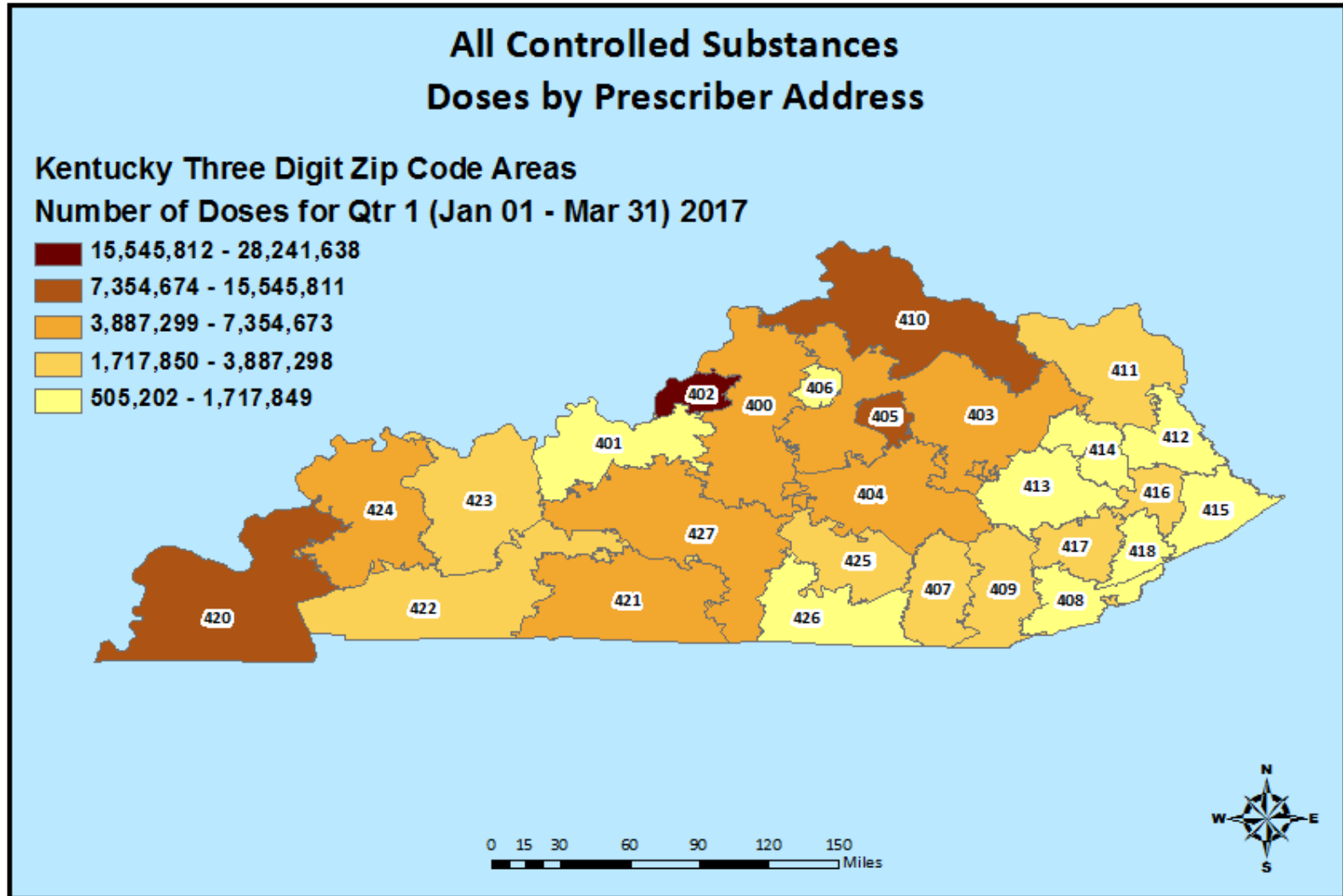
Rate per 1,000 of 7-Day Overlap by Patient Address
Quarter 1 (Jan 01 - Mar 31) 2017



Patients with Seven or More Days of Overlapping Opioid and Benzodiazepine Prescriptions Q1 2017

Rate of Patients With at Least a 7-Day Overlap of Opioids and Benzodiazepines per 1,000 for Quarter 1, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	17	EDMONSON	11	KNOX	24	NICHOLAS	11
ALLEN	11	ELLIOTT	7	LARUE	15	OHIO	16
ANDERSON	10	ESTILL	16	LAUREL	14	OLDHAM	5
BALLARD	16	FAYETTE	5	LAWRENCE	17	OWEN	8
BARREN	12	FLEMING	11	LEE	27	OWSLEY	33
BATH	9	FLOYD	36	LESLIE	16	PENDLETON	10
BELL	51	FRANKLIN	8	LETCHER	13	PERRY	26
BOONE	7	FULTON	16	LEWIS	12	PIKE	15
BOURBON	8	GALLATIN	10	LINCOLN	15	POWELL	21
BOYD	6	GARRARD	11	LIVINGSTON	26	PULASKI	13
BOYLE	13	GRANT	9	LOGAN	9	ROBERTSON	12
BRACKEN	12	GRAVES	18	LYON	19	ROCKCASTLE	19
BREATHITT	30	GRAYSON	21	MADISON	19	ROWAN	8
BRECKINRIDGE	10	GREEN	14	MAGOFFIN	12	RUSSELL	6
BULLITT	9	GREENUP	12	MARION	13	SCOTT	7
BUTLER	11	HANCOCK	8	MARSHALL	7	SHELBY	7
CALDWELL	17	HARDIN	7	MARTIN	36	SIMPSON	7
CALLOWAY	14	HARLAN	17	MASON	11	SPENCER	10
CAMPBELL	8	HARRISON	10	MCCRACKEN	23	TAYLOR	14
CARLISLE	18	HART	10	MCCREARY	25	TODD	8
CARROLL	14	HENDERSON	20	MCLEAN	7	TRIGG	12
CARTER	8	HENRY	12	MEADE	6	TRIMBLE	11
CASEY	15	HICKMAN	12	MENIFEE	14	UNION	19
CHRISTIAN	6	HOPKINS	16	MERCER	11	WARREN	7
CLARK	9	JACKSON	12	METCALFE	20	WASHINGTON	7
CLAY	36	JEFFERSON	8	MONROE	20	WAYNE	16
CLINTON	28	JESSAMINE	8	MONTGOMERY	12	WEBSTER	20
CRITTENDEN	23	JOHNSON	30	MORGAN	12	WHITLEY	27
CUMBERLAND	25	KENTON	6	MUHLENBERG	21	WOLFE	24
DAVISS	7	KNOTT	27	NELSON	10	WOODFORD	7

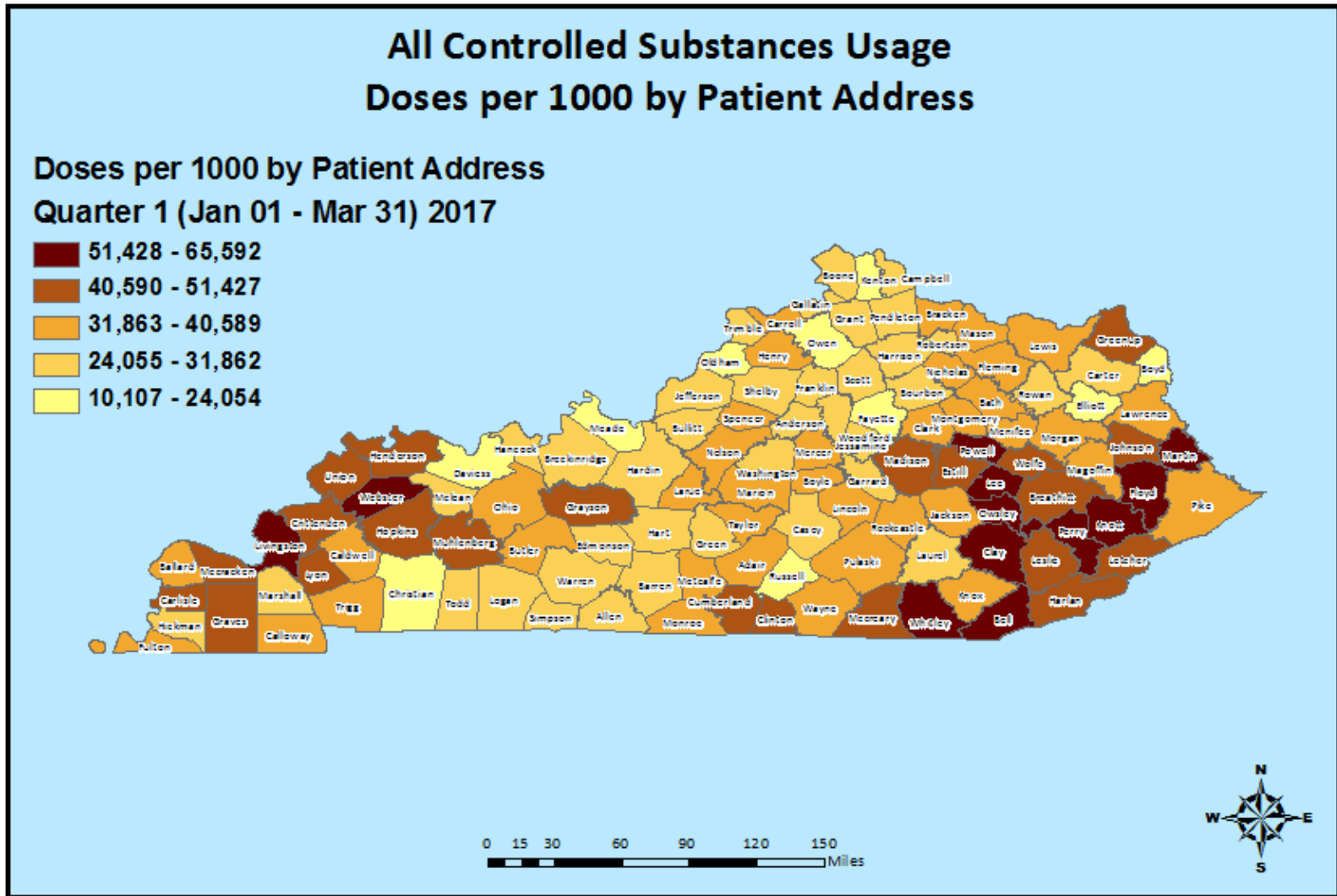
Controlled Substance Prescribing Q1 2017



Controlled Substance Prescribing Q1 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of all Controlled Substances for Quarter 1, 2017
400	4,348,231
401	1,409,817
402	28,241,638
403	6,361,431
404	4,872,503
405	15,545,811
406	1,365,937
407	3,493,364
408	740,417
409	2,871,929
410	12,176,960
411	3,887,298
412	1,714,369
413	1,717,849
414	505,202
415	1,139,701
416	2,318,860
417	2,880,501
418	597,417
420	9,866,966
421	7,354,673
422	2,185,717
423	2,470,088
424	5,096,543
425	2,219,013
426	1,221,006
427	5,056,905
Totals	131,660,146

Controlled Substance Usage Q1 2017



Controlled Substance Usage

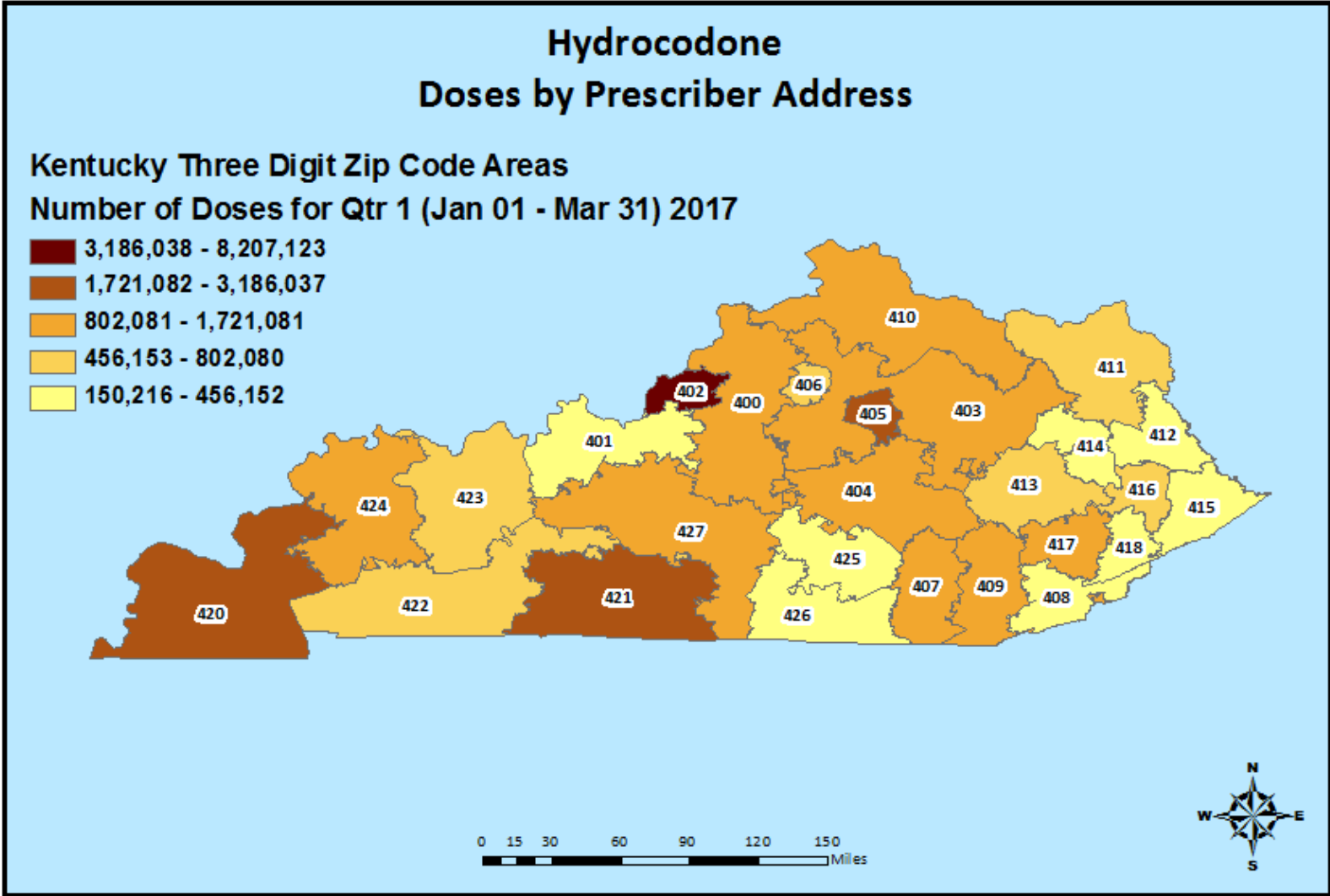
Q1 2017

Actual Number of All Controlled Substances Doses for Quarter 1, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	617,231	EDMONSON	370,141	KNOX	1,240,114	NICHOLAS	245,917
ALLEN	634,139	ELLIOTT	166,254	LARUE	557,123	OHIO	936,422
ANDERSON	694,938	ESTILL	718,721	LAUREL	1,867,304	OLDHAM	1,412,414
BALLARD	284,660	FAYETTE	6,440,833	LAWRENCE	569,165	OWEN	256,466
BARREN	1,312,499	FLEMING	484,984	LEE	413,620	OWSLEY	305,263
BATH	397,128	FLOYD	2,417,763	LESLIE	478,034	PENDLETON	408,858
BELL	1,662,725	FRANKLIN	1,435,906	LETCHER	998,180	PERRY	1,701,693
BOONE	3,195,928	FULTON	240,718	LEWIS	467,836	PIKE	2,068,979
BOURBON	618,270	GALLATIN	249,004	LINCOLN	885,953	POWELL	673,935
BOYD	982,912	GARRARD	503,150	LIVINGSTON	530,762	PULASKI	2,174,477
BOYLE	975,983	GRANT	671,333	LOGAN	837,462	ROBERTSON	65,801
BRACKEN	294,105	GRAVES	1,596,804	LYON	374,919	ROCKCASTLE	661,077
BREATHITT	681,356	GRAYSON	1,232,259	MADISON	2,438,923	ROWAN	641,052
BRECKINRIDGE	597,850	GREEN	349,872	MAGOFFIN	748,117	RUSSELL	179,426
BULLITT	2,160,042	GREENUP	1,548,822	MARION	663,699	SCOTT	1,414,765
BUTLER	421,456	HANCOCK	233,184	MARSHALL	1,465,659	SHELBY	1,274,028
CALDWELL	520,473	HARDIN	2,929,494	MARTIN	538,729	SIMPSON	473,353
CALLOWAY	1,235,945	HARLAN	1,215,537	MASON	435,781	SPENCER	588,450
CAMPBELL	2,351,114	HARRISON	580,879	MCCRACKEN	2,910,524	TAYLOR	953,601
CARLISLE	218,876	HART	515,080	MCCREARY	646,925	TODD	312,921
CARROLL	423,126	HENDERSON	2,267,880	MCLEAN	380,858	TRIGG	494,889
CARTER	761,311	HENRY	527,921	MEADE	595,953	TRIMBLE	250,062
CASEY	505,628	HICKMAN	123,916	MENIFEE	233,014	UNION	679,486
CHRISTIAN	1,577,986	HOPKINS	2,008,698	MERCER	750,039	WARREN	3,196,826
CLARK	1,187,523	JACKSON	465,887	METCALFE	388,119	WASHINGTON	317,321
CLAY	1,247,192	JEFFERSON	21,742,298	MONROE	401,654	WAYNE	700,768
CLINTON	476,358	JESSAMINE	1,434,152	MONTGOMERY	969,670	WEBSTER	708,860
CRITTENDEN	475,955	JOHNSON	1,179,856	MORGAN	470,026	WHITLEY	2,074,689
CUMBERLAND	320,916	KENTON	3,642,849	MUHLENBERG	1,541,385	WOLFE	329,808
DAVISS	2,122,216	KNOTT	840,069	NELSON	1,518,941	WOODFORD	677,327
						TOTAL	139,587,527

Per 1000 Controlled Substance Usage Q1 2017

Actual Number of All Controlled Substances Doses per 1,000 Residents for Quarter 1, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	32,951	EDMONSON	30,687	KNOX	39,010	NICHOLAS	34,936
ALLEN	31,221	ELLIOTT	21,770	LARUE	39,613	OHIO	39,037
ANDERSON	31,862	ESTILL	49,608	LAUREL	31,350	OLDHAM	22,648
BALLARD	34,165	FAYETTE	20,883	LAWRENCE	35,896	OWEN	24,054
BARREN	30,504	FLEMING	33,429	LEE	56,972	OWSLEY	65,592
BATH	33,202	FLOYD	62,429	LESLIE	43,383	PENDLETON	28,062
BELL	59,628	FRANKLIN	28,922	LETCHER	42,262	PERRY	60,753
BOONE	25,682	FULTON	37,701	LEWIS	33,886	PIKE	32,644
BOURBON	30,917	GALLATIN	29,384	LINCOLN	36,354	POWELL	53,941
BOYD	20,106	GARRARD	29,746	LIVINGSTON	56,711	PULASKI	34,026
BOYLE	33,640	GRANT	27,121	LOGAN	31,160	ROBERTSON	29,441
BRACKEN	34,946	GRAVES	42,637	LYON	44,364	ROCKCASTLE	39,602
BREATHITT	50,303	GRAYSON	47,400	MADISON	44,522	ROWAN	27,248
BRECKINRIDGE	29,833	GREEN	31,294	MAGOFFIN	35,962	RUSSELL	10,107
BULLITT	28,106	GREENUP	42,411	MARION	40,107	SCOTT	28,325
BUTLER	32,944	HANCOCK	26,843	MARSHALL	28,495	SHELBY	28,814
CALDWELL	40,589	HARDIN	27,077	MARTIN	57,770	SIMPSON	26,603
CALLOWAY	32,821	HARLAN	42,652	MASON	33,110	SPENCER	33,365
CAMPBELL	25,840	HARRISON	31,368	MCCRACKEN	47,117	TAYLOR	38,687
CARLISLE	43,766	HART	27,733	MCCREARY	42,597	TODD	25,028
CARROLL	38,631	HENDERSON	48,933	MCLEAN	25,222	TRIGG	34,625
CARTER	27,987	HENRY	34,181	MEADE	20,402	TRIMBLE	28,365
CASEY	31,470	HICKMAN	26,115	MENIFEE	37,057	UNION	45,212
CHRISTIAN	21,276	HOPKINS	43,074	MERCER	35,132	WARREN	27,007
CLARK	33,344	JACKSON	34,698	METCALFE	38,878	WASHINGTON	26,722
CLAY	58,378	JEFFERSON	28,728	MONROE	37,605	WAYNE	33,890
CLINTON	46,950	JESSAMINE	28,584	MONTGOMERY	35,583	WEBSTER	52,696
CRITTENDEN	51,427	JOHNSON	50,316	MORGAN	35,129	WHITLEY	58,007
CUMBERLAND	47,270	KENTON	22,329	MUHLENBERG	49,437	WOLFE	45,503
DAVISS	21,607	KNOTT	52,583	NELSON	34,103	WOODFORD	26,798

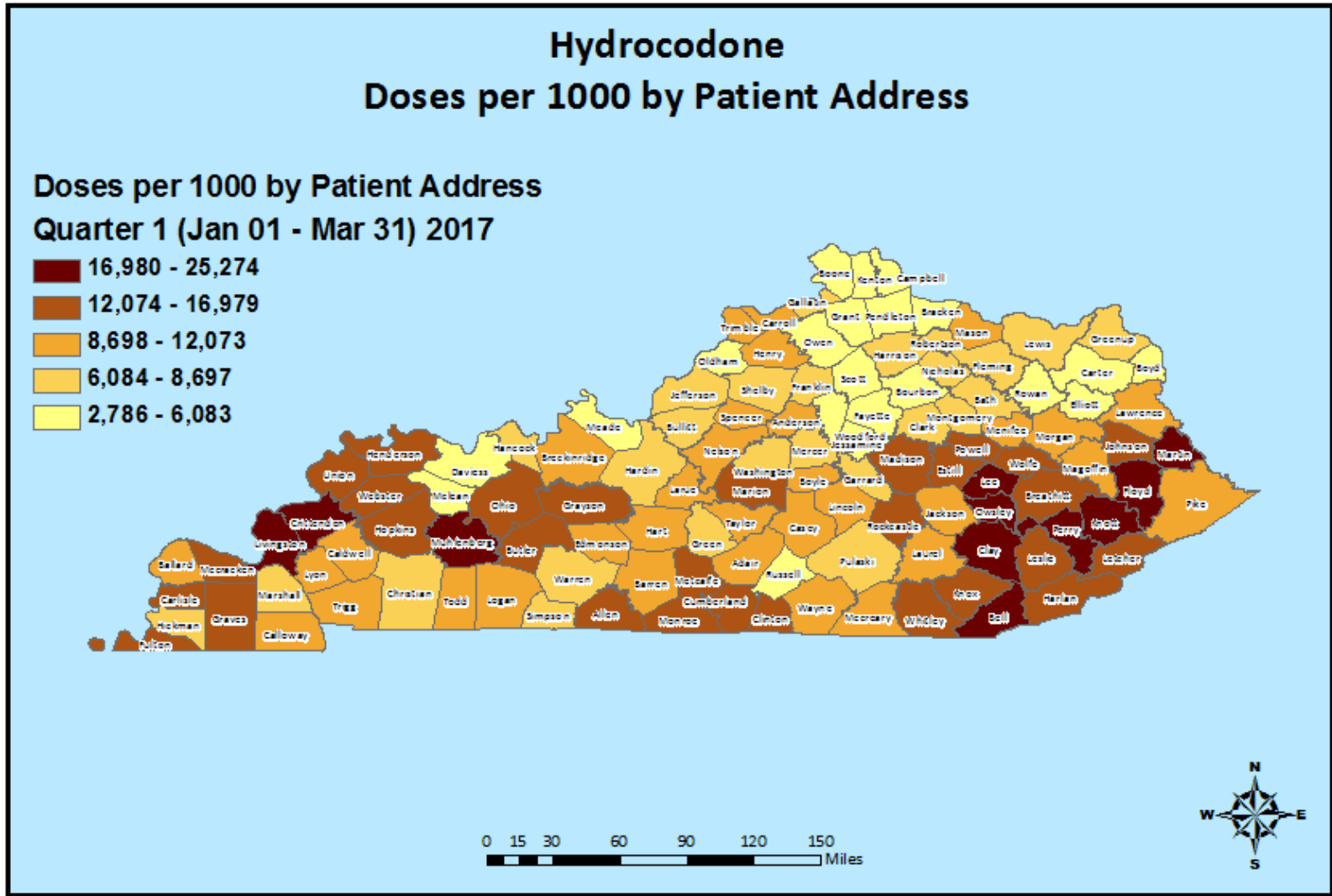
Hydrocodone Prescribing Q1 2017



Hydrocodone Prescribing Q1 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of all Hydrocodone Doses for Quarter 1, 2017
400	1,116,990
401	302,639
402	8,207,123
403	1,289,087
404	1,436,034
405	3,186,037
406	516,940
407	1,072,531
408	249,659
409	1,119,427
410	1,721,081
411	720,672
412	456,152
413	598,145
414	159,932
415	310,235
416	802,080
417	1,243,208
418	150,216
420	3,027,801
421	2,686,097
422	578,027
423	690,401
424	1,659,700
425	425,666
426	404,504
427	1,355,610
Totals	35,485,994

Hydrocodone Usage Q1 2017



Hydrocodone Usage

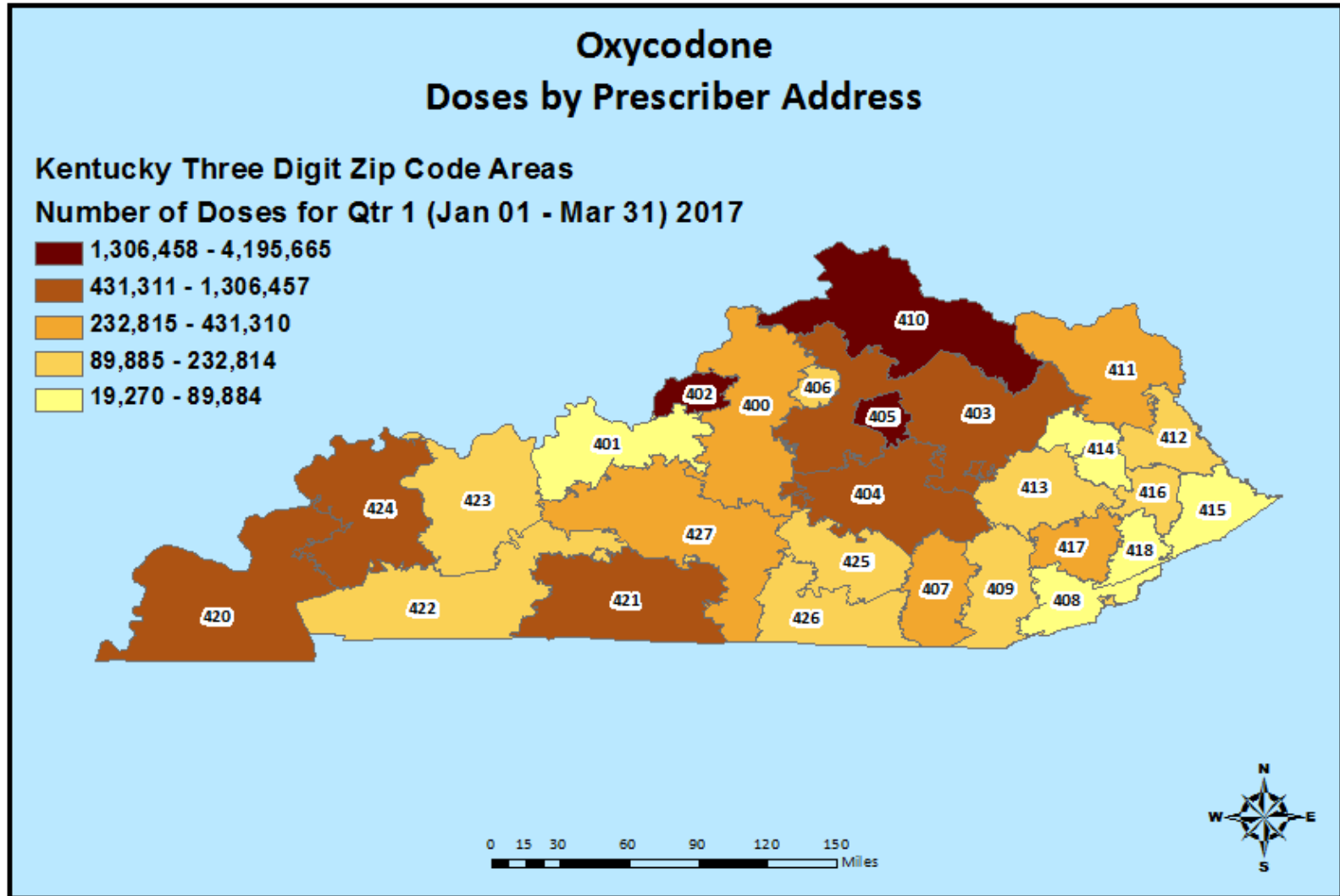
Q1 2017

Actual Number of Hydrocodone Doses for Quarter 1, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	211,514	EDMONSON	126,434	KNOX	396,286	NICHOLAS	51,022
ALLEN	263,859	ELLIOTT	35,998	LARUE	164,638	OHIO	339,108
ANDERSON	206,591	ESTILL	200,740	LAUREL	537,449	OLDHAM	327,791
BALLARD	100,592	FAYETTE	1,159,217	LAWRENCE	143,753	OWEN	57,891
BARREN	459,735	FLEMING	98,723	LEE	146,402	OWSLEY	117,627
BATH	87,378	FLOYD	818,320	LESLIE	187,089	PENDLETON	67,272
BELL	604,761	FRANKLIN	378,956	LETCHER	365,460	PERRY	565,483
BOONE	441,620	FULTON	89,609	LEWIS	115,209	PIKE	691,286
BOURBON	117,997	GALLATIN	53,901	LINCOLN	248,650	POWELL	196,428
BOYD	182,359	GARRARD	118,182	LIVINGSTON	175,594	PULASKI	496,064
BOYLE	268,805	GRANT	110,462	LOGAN	276,409	ROBERTSON	15,011
BRACKEN	48,066	GRAVES	476,947	LYON	97,164	ROCKCASTLE	223,796
BREATHITT	225,753	GRAYSON	416,179	MADISON	570,138	ROWAN	125,284
BRECKINRIDGE	181,396	GREEN	83,556	MAGOFFIN	229,142	RUSSELL	58,163
BULLITT	638,053	GREENUP	297,760	MARION	191,844	SCOTT	288,812
BUTLER	173,897	HANCOCK	66,161	MARSHALL	403,416	SHELBY	347,714
CALDWELL	144,771	HARDIN	838,769	MARTIN	127,616	SIMPSON	147,418
CALLOWAY	349,339	HARLAN	393,410	MASON	75,014	SPENCER	160,522
CAMPBELL	350,272	HARRISON	126,602	MCCRACKEN	860,939	TAYLOR	242,505
CARLISLE	63,863	HART	167,755	MCCREARY	200,189	TODD	112,279
CARROLL	122,656	HENDERSON	594,035	MCLEAN	140,655	TRIGG	139,161
CARTER	153,488	HENRY	159,181	MEADE	162,393	TRIMBLE	82,059
CASEY	146,910	HICKMAN	37,290	MENIFEE	66,280	UNION	212,880
CHRISTIAN	459,247	HOPKINS	684,757	MERCER	185,682	WARREN	943,778
CLARK	248,607	JACKSON	137,446	METCALFE	143,589	WASHINGTON	76,022
CLAY	529,402	JEFFERSON	6,221,150	MONROE	139,188	WAYNE	223,686
CLINTON	130,777	JESSAMINE	288,507	MONTGOMERY	204,876	WEBSTER	219,378
CRITTENDEN	169,915	JOHNSON	339,880	MORGAN	124,716	WHITLEY	588,566
CUMBERLAND	108,297	KENTON	454,527	MUHLENBERG	547,931	WOLFE	117,991
DAVISS	597,425	KNOTT	278,746	NELSON	412,701	WOODFORD	144,429
						TOTAL	38,060,383

Per 1000 Hydrocodone Usage Q1 2017

Actual Number of Hydrocodone Doses per 1,000 Residents for Quarter 1, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	11,292	EDMONSON	10,482	KNOX	12,466	NICHOLAS	7,248
ALLEN	12,991	ELLIOTT	4,714	LARUE	11,706	OHIO	14,137
ANDERSON	9,472	ESTILL	13,856	LAUREL	9,023	OLDHAM	5,256
BALLARD	12,073	FAYETTE	3,758	LAWRENCE	9,066	OWEN	5,430
BARREN	10,685	FLEMING	6,805	LEE	20,166	OWSLEY	25,274
BATH	7,305	FLOYD	21,130	LESLIE	16,979	PENDLETON	4,617
BELL	21,688	FRANKLIN	7,633	LETCHER	15,473	PERRY	20,189
BOONE	3,549	FULTON	14,034	LEWIS	8,345	PIKE	10,907
BOURBON	5,900	GALLATIN	6,361	LINCOLN	10,203	POWELL	15,722
BOYD	3,730	GARRARD	6,987	LIVINGSTON	18,762	PULASKI	7,762
BOYLE	9,265	GRANT	4,463	LOGAN	10,285	ROBERTSON	6,716
BRACKEN	5,711	GRAVES	12,735	LYON	11,497	ROCKCASTLE	13,407
BREATHITT	16,667	GRAYSON	16,009	MADISON	13,170	ROWAN	5,325
BRECKINRIDGE	9,052	GREEN	7,474	MAGOFFIN	11,128	RUSSELL	3,276
BULLITT	8,302	GREENUP	8,154	MARION	14,812	SCOTT	5,782
BUTLER	13,593	HANCOCK	7,616	MARSHALL	6,661	SHELBY	7,864
CALDWELL	11,290	HARDIN	7,753	MARTIN	17,694	SIMPSON	8,285
CALLOWAY	9,277	HARLAN	13,804	MASON	9,571	SPENCER	9,101
CAMPBELL	3,850	HARRISON	6,837	MCCRACKEN	12,969	TAYLOR	9,838
CARLISLE	12,770	HART	9,032	MCCREARY	10,091	TODD	8,980
CARROLL	11,198	HENDERSON	12,817	MCLEAN	4,342	TRIGG	9,736
CARTER	5,643	HENRY	10,306	MEADE	5,560	TRIMBLE	9,308
CASEY	9,144	HICKMAN	7,859	MENIFEE	10,541	UNION	14,165
CHRISTIAN	6,192	HOPKINS	14,684	MERCER	8,697	WARREN	7,973
CLARK	6,981	JACKSON	10,237	METCALFE	14,383	WASHINGTON	6,402
CLAY	24,780	JEFFERSON	8,220	MONROE	13,031	WAYNE	10,818
CLINTON	12,890	JESSAMINE	5,750	MONTGOMERY	7,518	WEBSTER	16,308
CRITTENDEN	18,359	JOHNSON	14,494	MORGAN	9,321	WHITLEY	16,456
CUMBERLAND	15,952	KENTON	2,786	MUHLENBERG	17,574	WOLFE	16,279
DAVISS	6,083	KNOTT	17,448	NELSON	9,266	WOODFORD	5,714

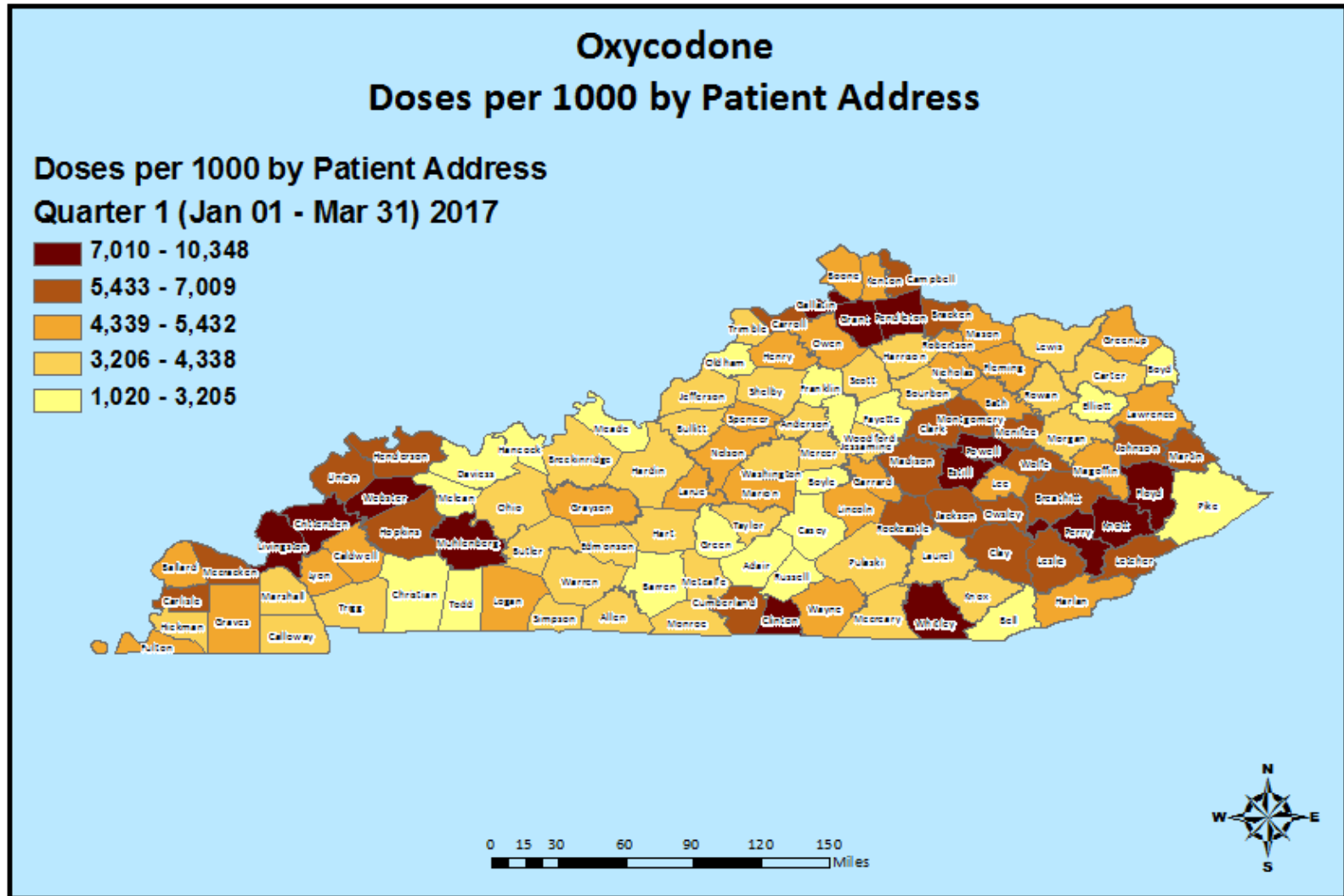
Oxycodone Prescribing Q1 2017



Oxycodone Prescribing Q1 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Oxycodone Doses for Quarter 1, 2017
400	431,310
401	69,174
402	4,195,665
403	560,633
404	565,909
405	2,988,967
406	126,594
407	325,805
408	67,359
409	102,073
410	2,488,550
411	391,414
412	146,251
413	172,169
414	19,270
415	24,367
416	178,458
417	398,385
418	89,884
420	1,306,457
421	1,046,026
422	116,854
423	232,814
424	590,766
425	110,389
426	100,621
427	386,386
Totals	17,232,550

Oxycodone Usage Q1 2017



Oxycodone Usage

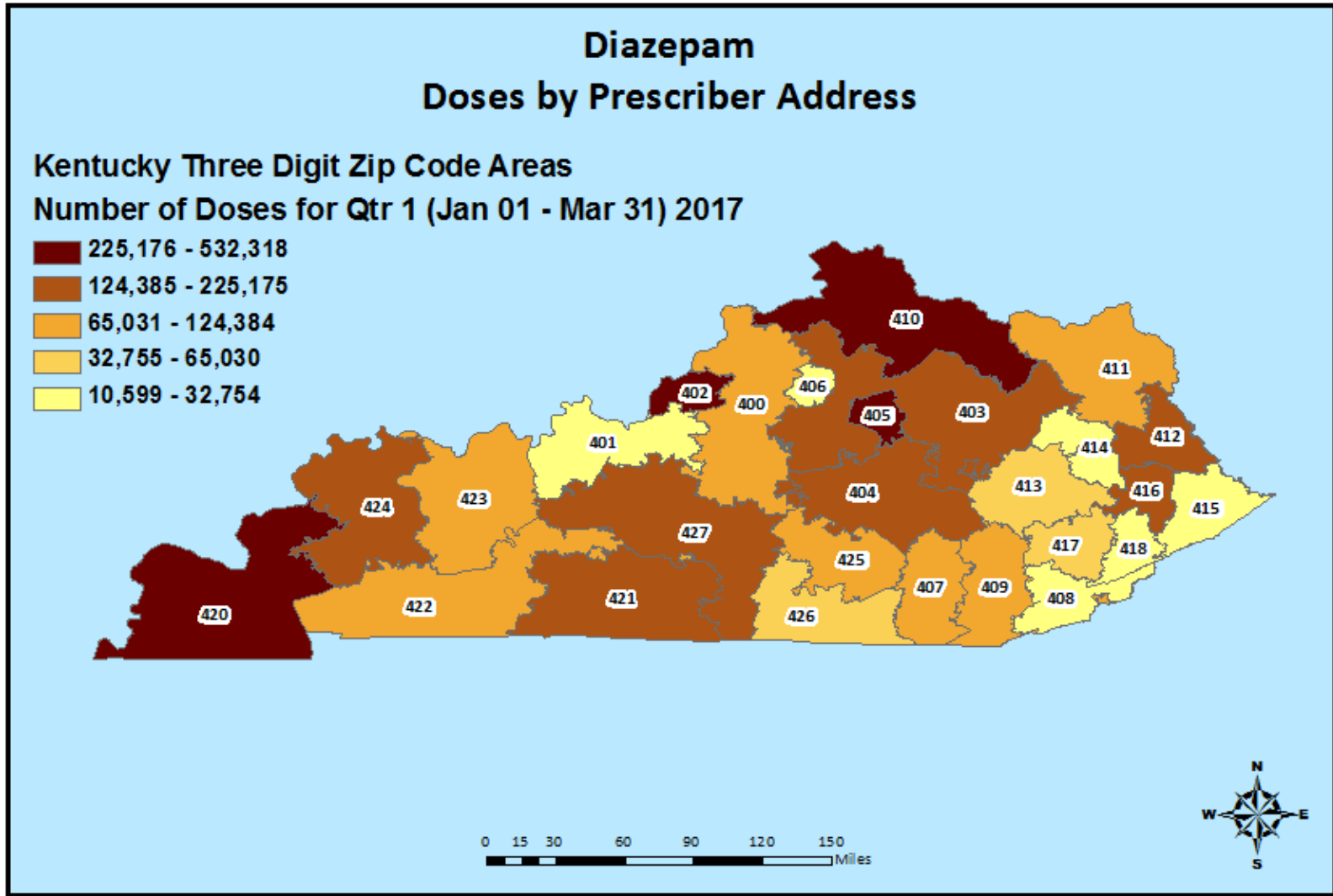
Q1 2017

Actual Number of Oxycodone Doses for Quarter 1, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	49,298	EDMONSON	52,105	KNOX	119,744	NICHOLAS	37,871
ALLEN	78,175	ELLIOTT	23,747	LARUE	71,986	OHIO	99,768
ANDERSON	77,249	ESTILL	117,076	LAUREL	208,124	OLDHAM	152,193
BALLARD	39,586	FAYETTE	749,739	LAWRENCE	73,213	OWEN	50,715
BARREN	137,902	FLEMING	69,250	LEE	37,196	OWSLEY	29,240
BATH	63,331	FLOYD	288,067	LESLIE	77,233	PENDLETON	109,556
BELL	80,323	FRANKLIN	147,617	LETCHER	130,434	PERRY	255,485
BOONE	675,937	FULTON	30,170	LEWIS	57,298	PIKE	167,218
BOURBON	82,755	GALLATIN	65,634	LINCOLN	122,732	POWELL	112,660
BOYD	126,369	GARRARD	78,901	LIVINGSTON	74,811	PULASKI	232,291
BOYLE	92,330	GRANT	193,901	LOGAN	123,091	ROBERTSON	9,929
BRACKEN	53,622	GRAVES	185,718	LYON	43,371	ROCKCASTLE	99,972
BREATHITT	77,298	GRAYSON	131,309	MADISON	350,657	ROWAN	77,813
BRECKINRIDGE	68,462	GREEN	34,579	MAGOFFIN	76,397	RUSSELL	18,106
BULLITT	330,173	GREENUP	195,554	MARION	91,067	SCOTT	176,924
BUTLER	52,744	HANCOCK	25,678	MARSHALL	215,805	SHELBY	161,606
CALDWELL	68,698	HARDIN	402,246	MARTIN	45,407	SIMPSON	70,631
CALLOWAY	124,236	HARLAN	145,371	MASON	53,209	SPENCER	78,796
CAMPBELL	562,010	HARRISON	73,354	MCCRACKEN	400,137	TAYLOR	102,259
CARLISLE	32,728	HART	70,956	MCCREARY	95,566	TODD	39,960
CARROLL	71,361	HENDERSON	305,204	MCLEAN	44,563	TRIGG	62,000
CARTER	97,556	HENRY	74,930	MEADE	76,671	TRIMBLE	35,759
CASEY	40,149	HICKMAN	15,915	MENIFEE	35,589	UNION	84,080
CHRISTIAN	178,001	HOPKINS	257,241	MERCER	87,276	WARREN	427,184
CLARK	213,510	JACKSON	78,009	METCALFE	37,089	WASHINGTON	39,510
CLAY	138,163	JEFFERSON	2,847,579	MONROE	45,893	WAYNE	91,407
CLINTON	104,993	JESSAMINE	209,565	MONTGOMERY	150,965	WEBSTER	102,823
CRITTENDEN	71,314	JOHNSON	134,930	MORGAN	54,293	WHITLEY	272,625
CUMBERLAND	39,809	KENTON	831,364	MUHLENBERG	238,772	WOLFE	42,759
DAVISS	242,322	KNOTT	132,416	NELSON	222,691	WOODFORD	77,989
						TOTAL	18,818,938

Per 1000 Oxycodone Usage Q1 2017

Actual Number of Oxycodone Doses per 1,000 Residents for Quarter 1, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	2,632	EDMONSON	4,320	KNOX	3,767	NICHOLAS	5,380
ALLEN	3,849	ELLIOTT	3,109	LARUE	5,118	OHIO	4,159
ANDERSON	3,542	ESTILL	8,081	LAUREL	3,494	OLDHAM	2,440
BALLARD	4,751	FAYETTE	2,431	LAWRENCE	4,617	OWEN	4,757
BARREN	3,205	FLEMING	4,773	LEE	5,123	OWSLEY	6,283
BATH	5,295	FLOYD	7,438	LESLIE	7,009	PENDLETON	7,519
BELL	2,881	FRANKLIN	2,973	LETCHER	5,522	PERRY	9,121
BOONE	5,432	FULTON	4,725	LEWIS	4,150	PIKE	2,638
BOURBON	4,138	GALLATIN	7,745	LINCOLN	5,036	POWELL	9,017
BOYD	2,585	GARRARD	4,665	LIVINGSTON	7,993	PULASKI	3,635
BOYLE	3,182	GRANT	7,833	LOGAN	4,580	ROBERTSON	4,443
BRACKEN	6,371	GRAVES	4,959	LYON	5,132	ROCKCASTLE	5,989
BREATHITT	5,707	GRAYSON	5,051	MADISON	6,121	ROWAN	3,307
BRECKINRIDGE	3,416	GREEN	3,093	MAGOFFIN	5,312	RUSSELL	1,020
BULLITT	4,296	GREENUP	5,355	MARION	4,693	SCOTT	3,542
BUTLER	4,123	HANCOCK	2,956	MARSHALL	4,097	SHELBY	3,655
CALDWELL	5,357	HARDIN	3,718	MARTIN	5,899	SIMPSON	3,970
CALLOWAY	3,299	HARLAN	5,101	MASON	4,543	SPENCER	4,468
CAMPBELL	6,177	HARRISON	3,961	MCCRACKEN	6,938	TAYLOR	4,149
CARLISLE	6,544	HART	3,820	MCCREARY	3,590	TODD	3,196
CARROLL	6,515	HENDERSON	6,585	MCLEAN	3,080	TRIGG	4,338
CARTER	3,586	HENRY	4,851	MEADE	2,625	TRIMBLE	4,056
CASEY	2,499	HICKMAN	3,354	MENIFEE	5,660	UNION	5,595
CHRISTIAN	2,400	HOPKINS	5,516	MERCER	4,088	WARREN	3,609
CLARK	5,995	JACKSON	5,810	METCALFE	3,715	WASHINGTON	3,327
CLAY	6,467	JEFFERSON	3,762	MONROE	4,297	WAYNE	4,420
CLINTON	10,348	JESSAMINE	4,177	MONTGOMERY	5,540	WEBSTER	7,644
CRITTENDEN	7,705	JOHNSON	5,754	MORGAN	4,058	WHITLEY	7,622
CUMBERLAND	5,864	KENTON	5,096	MUHLENBERG	7,658	WOLFE	5,899
DAVISS	2,467	KNOTT	8,288	NELSON	5,000	WOODFORD	3,086

Diazepam Prescribing Q1 2017

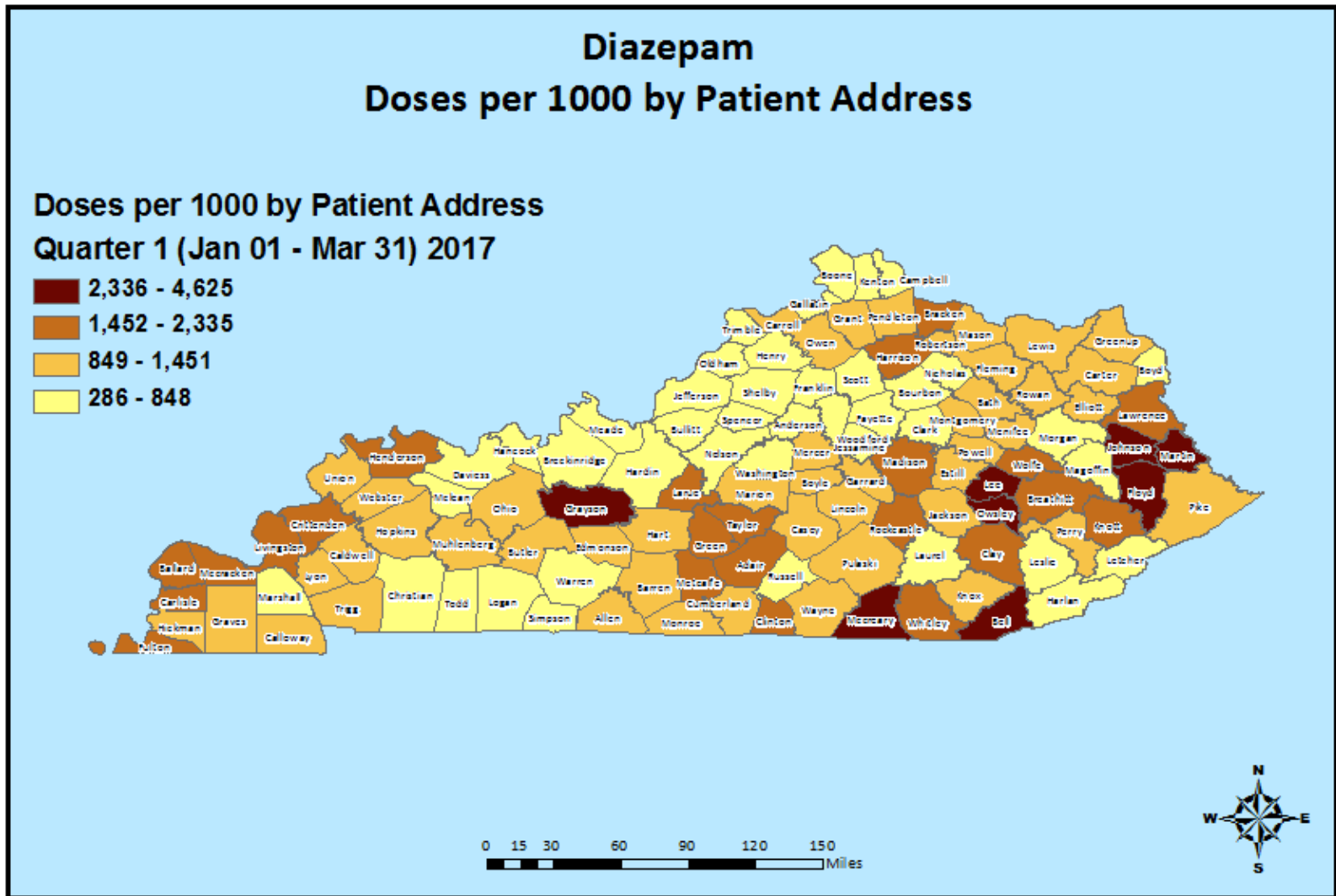


Diazepam Prescribing Q1 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Diazepam Doses for Quarter 1, 2017
400	98,633
401	31,729
402	532,318
403	193,514
404	170,271
405	320,692
406	17,995
407	84,245
408	12,118
409	124,384
410	386,104
411	117,775
412	170,539
413	65,030
414	24,477
415	32,754
416	160,288
417	47,115
418	10,599
420	362,071
421	207,544
422	80,782
423	80,184
424	142,738
425	84,851
426	46,862
427	225,175
Totals	3,830,787

Diazepam Usage

Q1 2017



Diazepam Usage

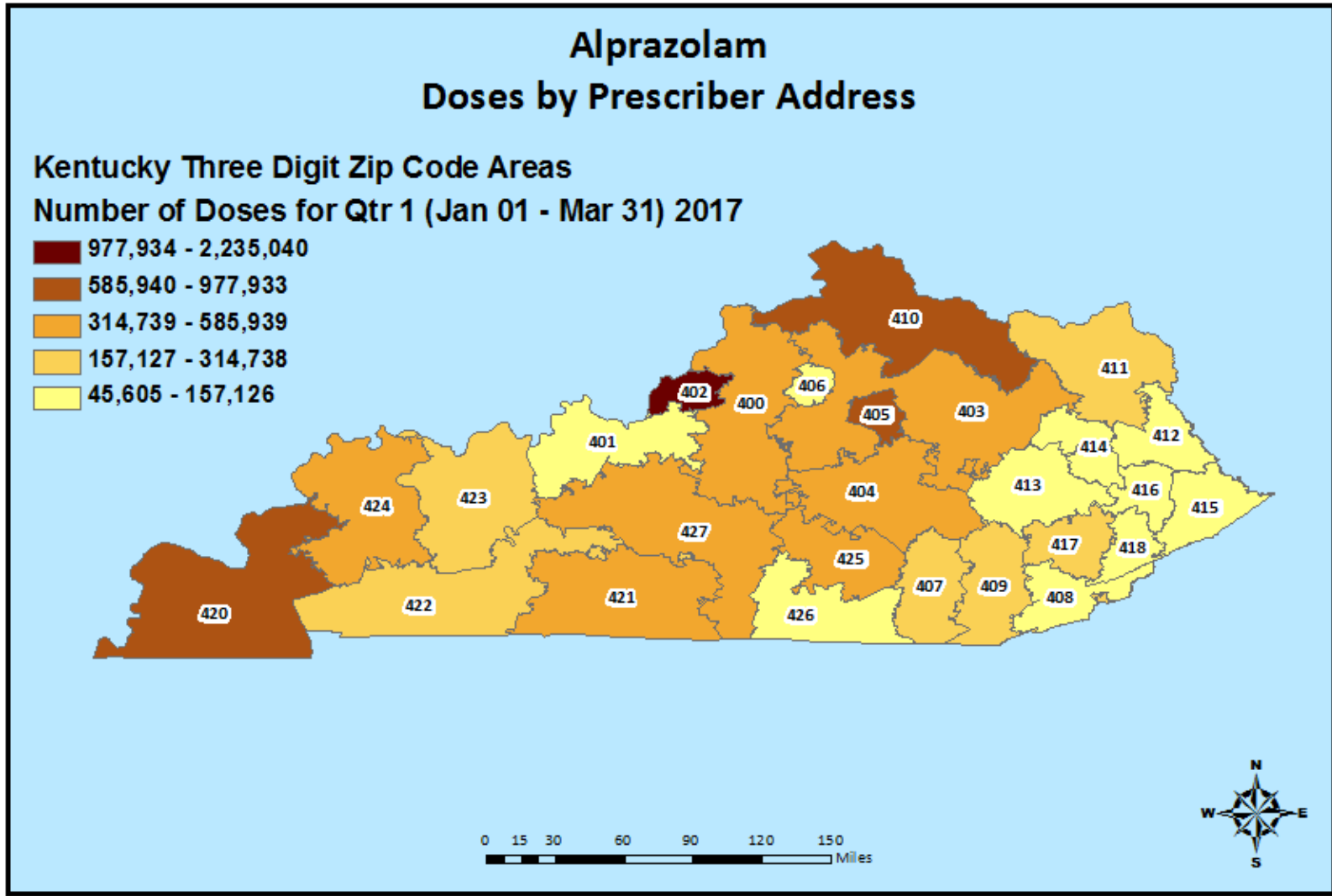
Q1 2017

Actual Number of Diazepam Doses for Quarter 1, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	31,347	EDMONSON	17,502	KNOX	41,950	NICHOLAS	4,541
ALLEN	18,650	ELLIOTT	8,998	LARUE	31,630	OHIO	31,582
ANDERSON	10,699	ESTILL	18,489	LAUREL	41,725	OLDHAM	17,841
BALLARD	13,009	FAYETTE	155,049	LAWRENCE	31,708	OWEN	9,793
BARREN	49,523	FLEMING	14,163	LEE	18,868	OWSLEY	17,198
BATH	10,828	FLOYD	143,062	LESLIE	4,808	PENDLETON	14,447
BELL	73,020	FRANKLIN	30,248	LETCHER	13,025	PERRY	33,580
BOONE	92,328	FULTON	11,261	LEWIS	13,348	PIKE	65,588
BOURBON	13,081	GALLATIN	7,190	LINCOLN	31,217	POWELL	11,369
BOYD	33,346	GARRARD	17,192	LIVINGSTON	20,237	PULASKI	56,430
BOYLE	33,188	GRANT	25,445	LOGAN	19,387	ROBERTSON	2,088
BRACKEN	15,805	GRAVES	53,364	LYON	9,976	ROCKCASTLE	27,760
BREATHITT	26,754	GRAYSON	67,685	MADISON	50,874	ROWAN	25,662
BRECKINRIDGE	15,579	GREEN	20,339	MAGOFFIN	43,266	RUSSELL	9,604
BULLITT	36,078	GREENUP	44,457	MARION	19,990	SCOTT	40,517
BUTLER	12,958	HANCOCK	5,469	MARSHALL	58,697	SHELBY	21,984
CALDWELL	17,427	HARDIN	49,296	MARTIN	37,658	SIMPSON	13,704
CALLOWAY	47,252	HARLAN	20,193	MASON	14,082	SPENCER	12,471
CAMPBELL	74,303	HARRISON	33,943	MCCRACKEN	106,093	TAYLOR	57,552
CARLISLE	8,590	HART	19,356	MCCREARY	13,326	TODD	8,190
CARROLL	10,129	HENDERSON	68,033	MCLEAN	10,586	TRIGG	15,707
CARTER	31,390	HENRY	6,909	MEADE	9,543	TRIMBLE	3,139
CASEY	20,240	HICKMAN	4,509	MENIFEE	7,286	UNION	17,388
CHRISTIAN	43,697	HOPKINS	54,658	MERCER	23,658	WARREN	95,006
CLARK	28,388	JACKSON	12,825	METCALFE	18,337	WASHINGTON	8,739
CLAY	36,073	JEFFERSON	410,118	MONROE	11,092	WAYNE	18,952
CLINTON	20,666	JESSAMINE	31,395	MONTGOMERY	25,278	WEBSTER	17,712
CRITTENDEN	15,905	JOHNSON	108,453	MORGAN	10,509	WHITLEY	54,974
CUMBERLAND	9,359	KENTON	113,468	MUHLENBERG	39,729	WOLFE	12,171
DAVISS	51,728	KNOTT	24,550	NELSON	35,913	WOODFORD	14,816
						TOTAL	4,053,260

Per 1000 Diazepam Usage Q1 2017

Actual Number of Diazepam Doses per 1,000 Residents for Quarter 1, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	1,673	EDMONSON	1,451	KNOX	1,320	NICHOLAS	645
ALLEN	918	ELLIOTT	1,178	LARUE	2,249	OHIO	1,317
ANDERSON	491	ESTILL	1,276	LAUREL	701	OLDHAM	286
BALLARD	1,561	FAYETTE	503	LAWRENCE	2,000	OWEN	918
BARREN	1,151	FLEMING	976	LEE	2,599	OWSLEY	3,695
BATH	905	FLOYD	3,694	LESLIE	436	PENDLETON	992
BELL	2,619	FRANKLIN	609	LETCHER	551	PERRY	1,199
BOONE	742	FULTON	1,764	LEWIS	967	PIKE	1,035
BOURBON	654	GALLATIN	848	LINCOLN	1,281	POWELL	910
BOYD	682	GARRARD	1,016	LIVINGSTON	2,162	PULASKI	883
BOYLE	1,144	GRANT	1,028	LOGAN	721	ROBERTSON	934
BRACKEN	1,878	GRAVES	1,425	LYON	1,180	ROCKCASTLE	1,663
BREATHITT	1,975	GRAYSON	2,604	MADISON	1,623	ROWAN	1,091
BRECKINRIDGE	777	GREEN	1,819	MAGOFFIN	741	RUSSELL	541
BULLITT	469	GREENUP	1,217	MARION	1,115	SCOTT	811
BUTLER	1,013	HANCOCK	630	MARSHALL	594	SHELBY	497
CALDWELL	1,359	HARDIN	456	MARTIN	3,341	SIMPSON	770
CALLOWAY	1,255	HARLAN	709	MASON	997	SPENCER	707
CAMPBELL	817	HARRISON	1,833	MCCRACKEN	1,887	TAYLOR	2,335
CARLISLE	1,718	HART	1,042	MCCREARY	2,978	TODD	655
CARROLL	925	HENDERSON	1,468	MCLEAN	815	TRIGG	1,099
CARTER	1,154	HENRY	447	MEADE	327	TRIMBLE	356
CASEY	1,260	HICKMAN	950	MENIFEE	1,159	UNION	1,157
CHRISTIAN	589	HOPKINS	1,172	MERCER	1,108	WARREN	803
CLARK	797	JACKSON	955	METCALFE	1,837	WASHINGTON	736
CLAY	1,688	JEFFERSON	542	MONROE	1,038	WAYNE	917
CLINTON	2,037	JESSAMINE	626	MONTGOMERY	928	WEBSTER	1,317
CRITTENDEN	1,719	JOHNSON	4,625	MORGAN	785	WHITLEY	1,537
CUMBERLAND	1,379	KENTON	696	MUHLENBERG	1,274	WOLFE	1,679
DAVISS	527	KNOTT	1,537	NELSON	806	WOODFORD	586

Alprazolam Prescribing Q1 2017



Alprazolam Prescribing Q1 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Alprazolam Doses for Quarter 1, 2017
400	373,953
401	136,480
402	2,235,040
403	585,939
404	337,108
405	977,933
406	77,056
407	314,738
408	50,353
409	295,678
410	804,946
411	266,553
412	110,274
413	114,019
414	58,704
415	79,671
416	157,126
417	189,085
418	45,605
420	921,273
421	387,131
422	236,916
423	244,655
424	343,491
425	348,221
426	121,770
427	334,759
Totals	10,148,477

Alprazolam Usage

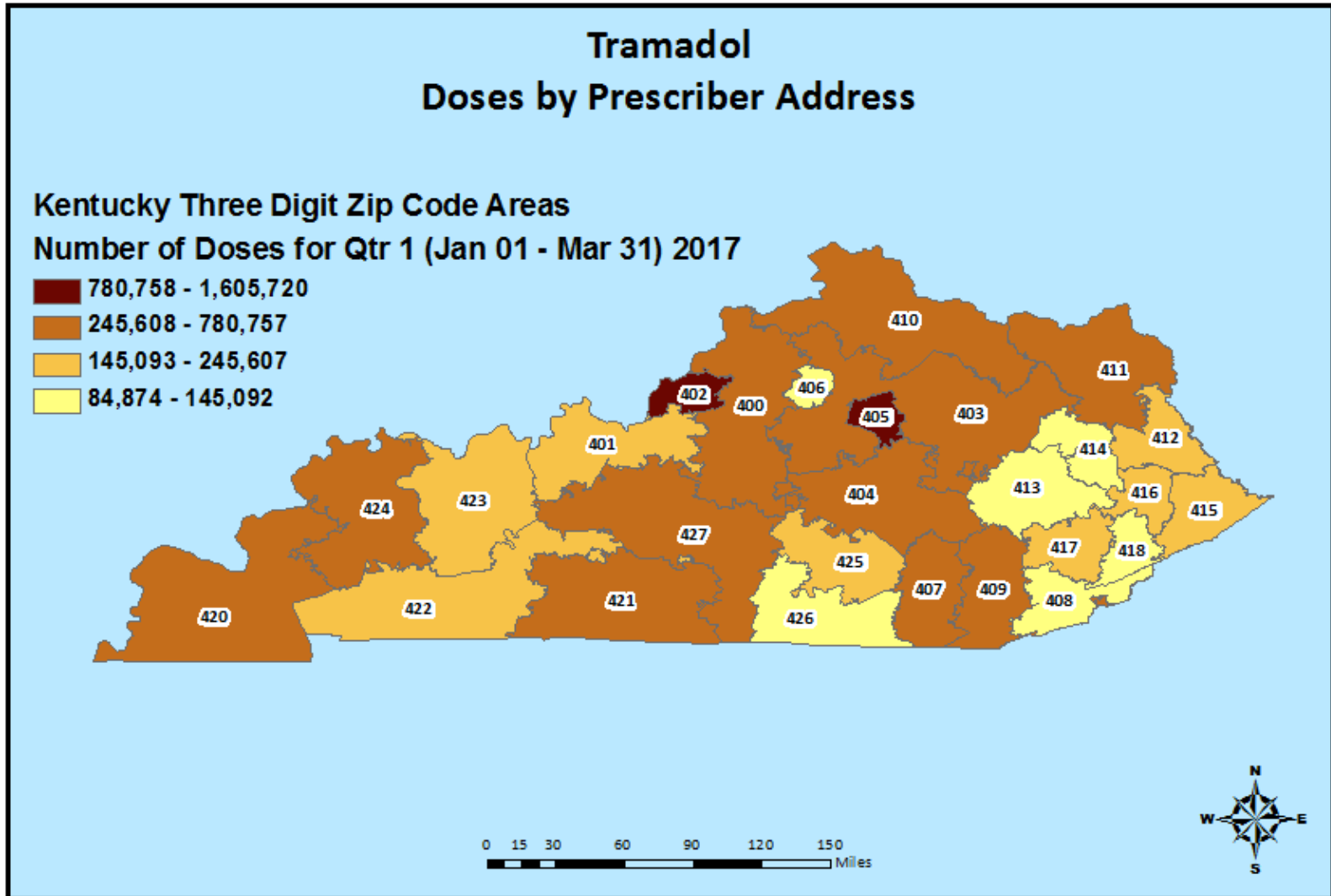
Q1 2017

Actual Number of Alprazolam Doses for Quarter 1, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	46,049	EDMONSON	22,324	KNOX	107,373	NICHOLAS	19,489
ALLEN	47,888	ELLIOTT	21,499	LARUE	30,697	OHIO	71,174
ANDERSON	46,604	ESTILL	48,005	LAUREL	146,740	OLDHAM	103,905
BALLARD	21,682	FAYETTE	528,422	LAWRENCE	30,585	OWEN	16,555
BARREN	86,452	FLEMING	59,803	LEE	32,928	OWSLEY	14,153
BATH	32,118	FLOYD	130,770	LESLIE	24,904	PENDLETON	20,799
BELL	196,772	FRANKLIN	108,906	LETCHER	33,122	PERRY	141,623
BOONE	179,702	FULTON	17,458	LEWIS	37,681	PIKE	116,376
BOURBON	45,416	GALLATIN	12,120	LINCOLN	81,349	POWELL	79,961
BOYD	78,210	GARRARD	41,718	LIVINGSTON	43,210	PULASKI	263,074
BOYLE	78,964	GRANT	29,982	LOGAN	55,560	ROBERTSON	7,940
BRACKEN	27,519	GRAVES	178,220	LYON	41,943	ROCKCASTLE	38,107
BREATHITT	57,969	GRAYSON	74,480	MADISON	134,293	ROWAN	47,973
BRECKINRIDGE	67,381	GREEN	14,988	MAGOFFIN	62,207	RUSSELL	15,016
BULLITT	189,605	GREENUP	113,441	MARION	57,336	SCOTT	85,410
BUTLER	22,323	HANCOCK	20,671	MARSHALL	132,246	SHELBY	88,996
CALDWELL	46,650	HARDIN	137,790	MARTIN	38,180	SIMPSON	34,991
CALLOWAY	146,324	HARLAN	81,422	MASON	58,226	SPENCER	42,196
CAMPBELL	165,539	HARRISON	55,736	MCCRACKEN	253,804	TAYLOR	75,325
CARLISLE	16,238	HART	28,977	MCCREARY	44,673	TODD	29,628
CARROLL	30,994	HENDERSON	163,132	MCLEAN	31,240	TRIGG	41,957
CARTER	65,704	HENRY	33,436	MEADE	43,112	TRIMBLE	16,961
CASEY	58,344	HICKMAN	9,697	MENIFEE	18,683	UNION	44,798
CHRISTIAN	140,526	HOPKINS	117,851	MERCER	41,745	WARREN	152,372
CLARK	84,513	JACKSON	24,475	METCALFE	25,807	WASHINGTON	21,081
CLAY	82,053	JEFFERSON	1,948,754	MONROE	30,547	WAYNE	70,941
CLINTON	48,139	JESSAMINE	92,412	MONTGOMERY	99,835	WEBSTER	44,399
CRITTENDEN	29,546	JOHNSON	67,343	MORGAN	46,975	WHITLEY	164,264
CUMBERLAND	31,547	KENTON	210,602	MUHLENBERG	131,641	WOLFE	29,162
DAVISS	194,568	KNOTT	66,748	NELSON	103,420	WOODFORD	46,845
						TOTAL	10,792,054

Per 1000 Alprazolam Usage Q1 2017

Actual Number of Alprazolam Doses per 1,000 Residents for Quarter 1, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	2,458	EDMONSON	1,851	KNOX	3,378	NICHOLAS	2,769
ALLEN	2,358	ELLIOTT	2,815	LARUE	2,183	OHIO	2,967
ANDERSON	2,137	ESTILL	3,313	LAUREL	2,464	OLDHAM	1,666
BALLARD	2,602	FAYETTE	1,713	LAWRENCE	1,929	OWEN	1,553
BARREN	2,009	FLEMING	4,122	LEE	4,536	OWSLEY	3,041
BATH	2,685	FLOYD	3,377	LESLIE	2,260	PENDLETON	1,428
BELL	7,057	FRANKLIN	2,194	LETCHER	1,402	PERRY	5,056
BOONE	1,444	FULTON	2,734	LEWIS	2,729	PIKE	1,836
BOURBON	2,271	GALLATIN	1,430	LINCOLN	3,338	POWELL	6,400
BOYD	1,600	GARRARD	2,466	LIVINGSTON	4,617	PULASKI	4,117
BOYLE	2,722	GRANT	1,211	LOGAN	2,067	ROBERTSON	3,553
BRACKEN	3,270	GRAVES	4,759	LYON	4,963	ROCKCASTLE	2,283
BREATHITT	4,280	GRAYSON	2,865	MADISON	3,882	ROWAN	2,039
BRECKINRIDGE	3,362	GREEN	1,341	MAGOFFIN	2,483	RUSSELL	846
BULLITT	2,467	GREENUP	3,106	MARION	3,290	SCOTT	1,710
BUTLER	1,745	HANCOCK	2,380	MARSHALL	1,569	SHELBY	2,013
CALDWELL	3,638	HARDIN	1,274	MARTIN	4,804	SIMPSON	1,967
CALLOWAY	3,886	HARLAN	2,857	MASON	2,860	SPENCER	2,392
CAMPBELL	1,819	HARRISON	3,010	MCCRACKEN	4,251	TAYLOR	3,056
CARLISLE	3,247	HART	1,560	MCCREARY	3,019	TODD	2,370
CARROLL	2,830	HENDERSON	3,520	MCLEAN	3,370	TRIGG	2,935
CARTER	2,415	HENRY	2,165	MEADE	1,476	TRIMBLE	1,924
CASEY	3,631	HICKMAN	2,044	MENIFEE	2,971	UNION	2,981
CHRISTIAN	1,895	HOPKINS	2,527	MERCER	1,955	WARREN	1,287
CLARK	2,373	JACKSON	1,823	METCALFE	2,585	WASHINGTON	1,775
CLAY	3,841	JEFFERSON	2,575	MONROE	2,860	WAYNE	3,431
CLINTON	4,745	JESSAMINE	1,842	MONTGOMERY	3,664	WEBSTER	3,301
CRITTENDEN	3,192	JOHNSON	2,872	MORGAN	3,511	WHITLEY	4,593
CUMBERLAND	4,647	KENTON	1,291	MUHLENBERG	4,222	WOLFE	4,023
DAVISS	1,981	KNOTT	4,178	NELSON	2,322	WOODFORD	1,853

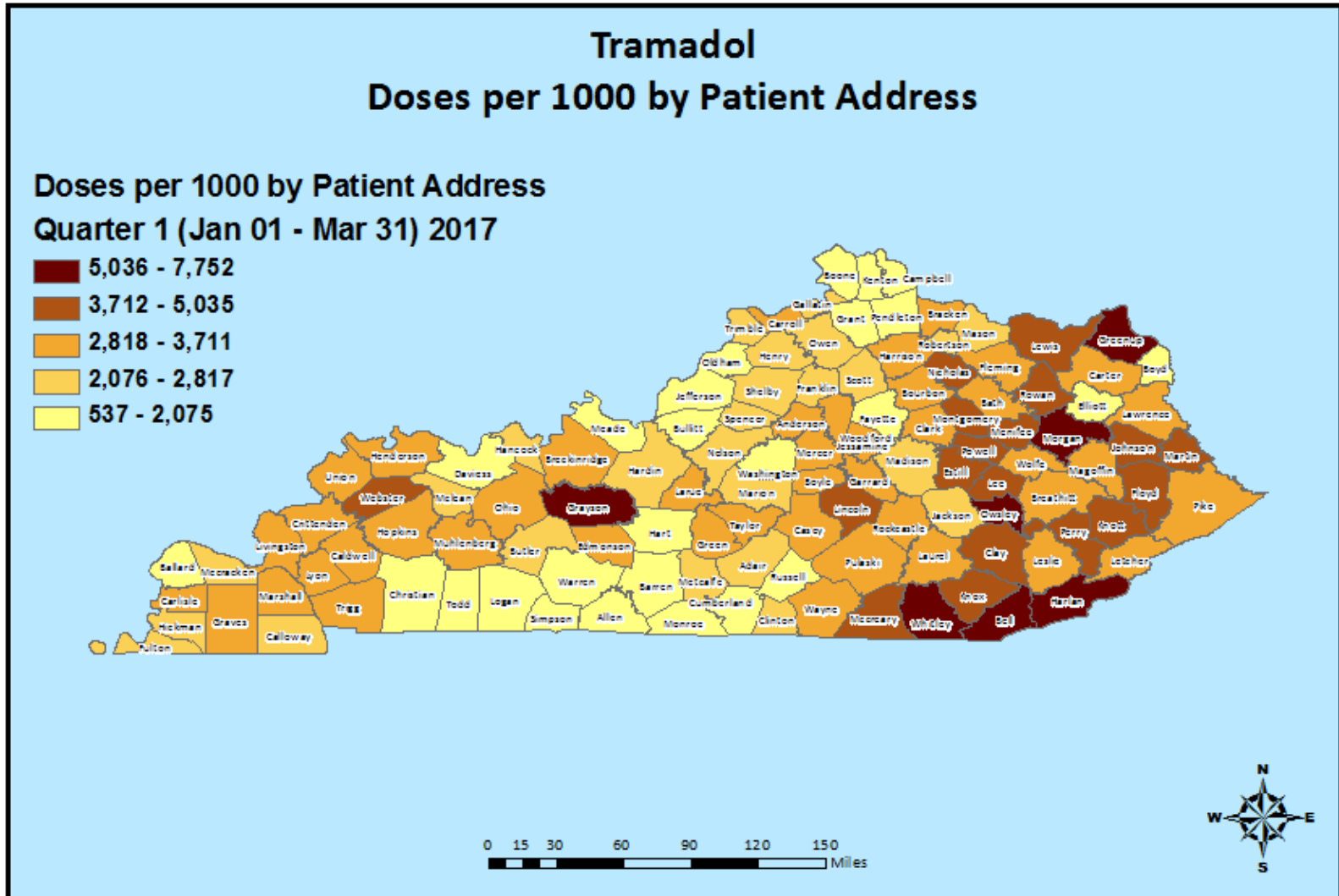
Tramadol Prescribing Q1 2017



Tramadol Prescribing Q1 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Tramadol Doses for Quarter 1, 2017
400	355,173
401	199,982
402	1,605,720
403	733,635
404	480,625
405	1,361,295
406	98,389
407	364,111
408	124,122
409	417,016
410	780,757
411	410,847
412	187,383
413	108,869
414	84,874
415	191,121
416	191,488
417	192,827
418	98,130
420	595,094
421	415,875
422	175,553
423	181,504
424	367,592
425	245,607
426	145,092
427	516,326
Totals	10,629,007

Tramadol Usage Q1 2017



Tramadol Usage

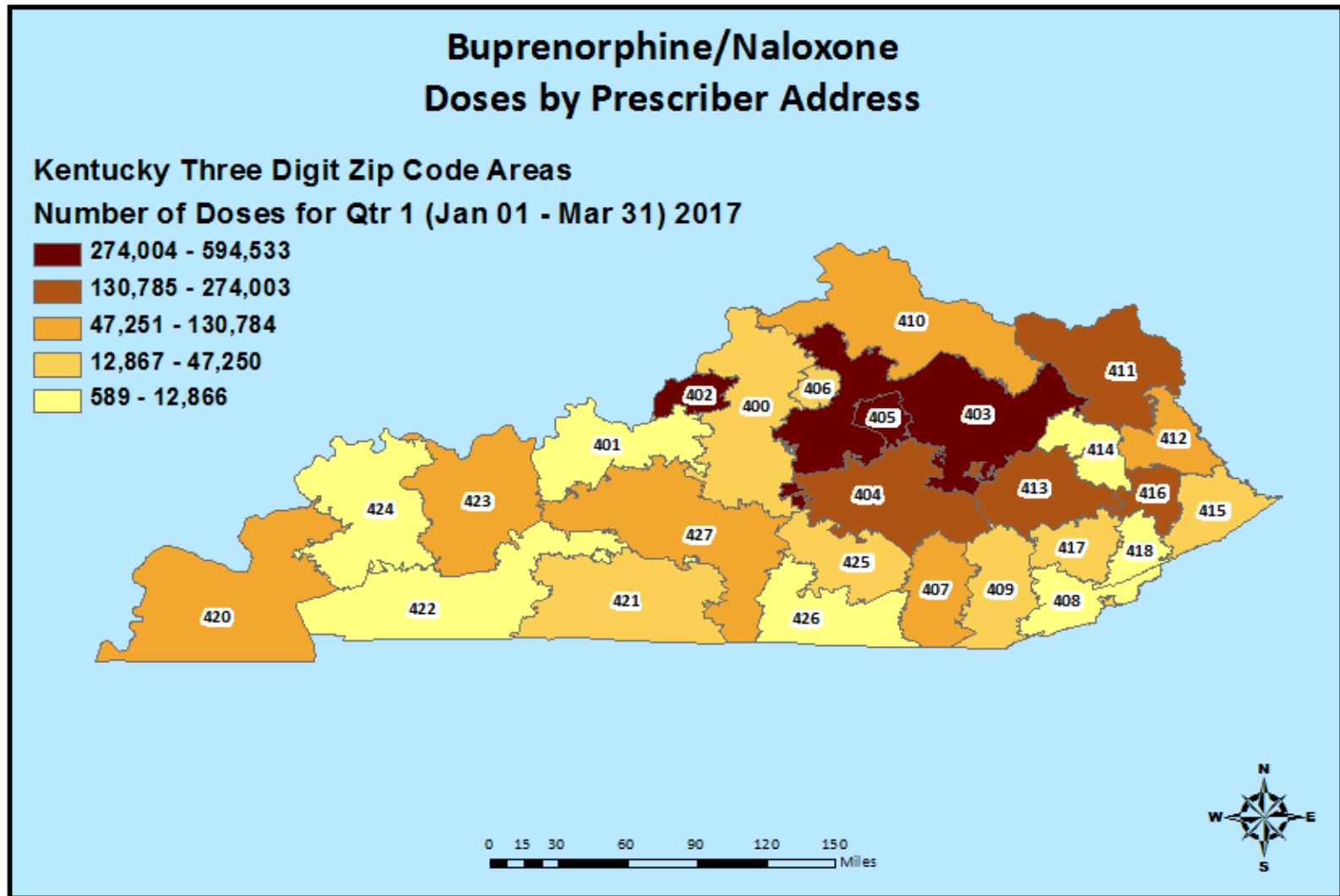
Q1 2017

Actual Number of Tramadol Doses for Quarter 1, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	42,733	EDMONSON	35,169	KNOX	142,670	NICHOLAS	27,868
ALLEN	36,352	ELLIOTT	13,626	LARUE	43,203	OHIO	86,189
ANDERSON	70,584	ESTILL	67,503	LAUREL	204,247	OLDHAM	84,321
BALLARD	16,663	FAYETTE	611,591	LAWRENCE	57,891	OWEN	25,698
BARREN	73,739	FLEMING	52,493	LEE	30,398	OWSLEY	25,606
BATH	41,724	FLOYD	188,062	LESLIE	36,979	PENDLETON	28,984
BELL	216,170	FRANKLIN	138,559	LETCHER	82,028	PERRY	110,549
BOONE	215,115	FULTON	17,526	LEWIS	62,581	PIKE	219,294
BOURBON	59,769	GALLATIN	19,779	LINCOLN	95,592	POWELL	48,642
BOYD	100,018	GARRARD	49,600	LIVINGSTON	30,858	PULASKI	233,036
BOYLE	89,615	GRANT	35,982	LOGAN	50,811	ROBERTSON	5,214
BRACKEN	24,170	GRAVES	109,000	LYON	24,367	ROCKCASTLE	53,573
BREATHITT	45,214	GRAYSON	140,795	MADISON	257,509	ROWAN	92,994
BRECKINRIDGE	61,137	GREEN	40,328	MAGOFFIN	59,896	RUSSELL	9,525
BULLITT	149,745	GREENUP	204,218	MARION	56,465	SCOTT	137,796
BUTLER	28,790	HANCOCK	22,350	MARSHALL	83,501	SHELBY	97,898
CALDWELL	41,300	HARDIN	276,431	MARTIN	50,085	SIMPSON	36,918
CALLOWAY	84,492	HARLAN	165,752	MASON	38,650	SPENCER	49,094
CAMPBELL	133,423	HARRISON	59,494	MCCRACKEN	160,933	TAYLOR	91,473
CARLISLE	15,035	HART	37,167	MCCREARY	58,245	TODD	19,749
CARROLL	34,550	HENDERSON	161,202	MCLEAN	23,433	TRIGG	41,265
CARTER	96,241	HENRY	37,978	MEADE	54,952	TRIMBLE	22,306
CASEY	50,858	HICKMAN	10,346	MENIFEE	25,049	UNION	47,619
CHRISTIAN	91,678	HOPKINS	140,552	MERCER	73,429	WARREN	202,612
CLARK	107,553	JACKSON	36,489	METCALFE	22,996	WASHINGTON	23,780
CLAY	99,800	JEFFERSON	1,249,203	MONROE	17,819	WAYNE	70,213
CLINTON	26,793	JESSAMINE	143,740	MONTGOMERY	115,091	WEBSTER	55,716
CRITTENDEN	29,747	JOHNSON	102,030	MORGAN	84,113	WHITLEY	196,195
CUMBERLAND	13,443	KENTON	218,094	MUHLENBERG	93,166	WOLFE	22,307
DAVISS	151,537	KNOTT	80,441	NELSON	105,443	WOODFORD	81,361
						TOTAL	11,203,683

Per 1000 Tramadol Usage Q1 2017

Actual Number of Tramadol Doses per 1,000 Residents for Quarter 1, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	2,281	EDMONSON	2,916	KNOX	4,488	NICHOLAS	3,959
ALLEN	1,790	ELLIOTT	1,784	LARUE	3,072	OHIO	3,593
ANDERSON	3,236	ESTILL	4,659	LAUREL	3,429	OLDHAM	1,352
BALLARD	2,000	FAYETTE	1,983	LAWRENCE	3,651	OWEN	2,410
BARREN	1,714	FLEMING	3,618	LEE	4,187	OWSLEY	5,502
BATH	3,488	FLOYD	4,856	LESLIE	3,356	PENDLETON	1,989
BELL	7,752	FRANKLIN	2,791	LETCHER	3,473	PERRY	3,947
BOONE	1,729	FULTON	2,745	LEWIS	4,533	PIKE	3,460
BOURBON	2,989	GALLATIN	2,334	LINCOLN	3,923	POWELL	3,893
BOYD	2,046	GARRARD	2,932	LIVINGSTON	3,297	PULASKI	3,646
BOYLE	3,089	GRANT	1,454	LOGAN	1,891	ROBERTSON	2,333
BRACKEN	2,872	GRAVES	2,910	LYON	2,883	ROCKCASTLE	3,209
BREATHITT	3,338	GRAYSON	5,416	MADISON	2,462	ROWAN	3,953
BRECKINRIDGE	3,051	GREEN	3,607	MAGOFFIN	3,238	RUSSELL	537
BULLITT	1,948	GREENUP	5,592	MARION	2,468	SCOTT	2,759
BUTLER	2,250	HANCOCK	2,573	MARSHALL	3,009	SHELBY	2,214
CALDWELL	3,221	HARDIN	2,555	MARTIN	4,625	SIMPSON	2,075
CALLOWAY	2,244	HARLAN	5,816	MASON	2,817	SPENCER	2,784
CAMPBELL	1,466	HARRISON	3,213	MCCRACKEN	2,684	TAYLOR	3,711
CARLISLE	3,006	HART	2,001	MCCREARY	3,960	TODD	1,580
CARROLL	3,154	HENDERSON	3,478	MCLEAN	2,237	TRIGG	2,887
CARTER	3,538	HENRY	2,459	MEADE	1,881	TRIMBLE	2,530
CASEY	3,165	HICKMAN	2,180	MENIFEE	3,984	UNION	3,168
CHRISTIAN	1,236	HOPKINS	3,014	MERCER	3,439	WARREN	1,712
CLARK	3,020	JACKSON	2,718	METCALFE	2,304	WASHINGTON	2,003
CLAY	4,671	JEFFERSON	1,651	MONROE	1,668	WAYNE	3,396
CLINTON	2,641	JESSAMINE	2,865	MONTGOMERY	4,223	WEBSTER	4,142
CRITTENDEN	3,214	JOHNSON	4,351	MORGAN	6,286	WHITLEY	5,486
CUMBERLAND	1,980	KENTON	1,337	MUHLENBERG	2,988	WOLFE	3,078
DAVISS	1,543	KNOTT	5,035	NELSON	2,367	WOODFORD	3,219

Buprenorphine/Naloxone Prescribing Q1 2017



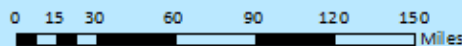
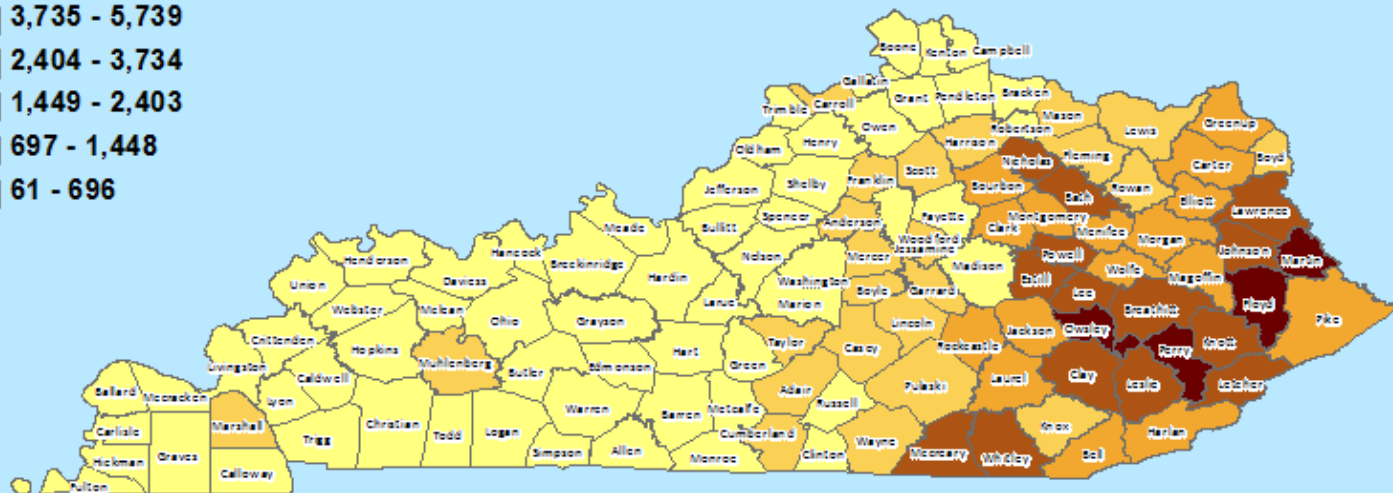
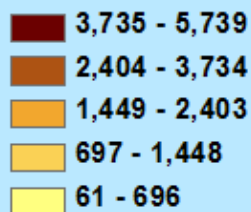
Buprenorphine/Naloxone Prescribing Q1 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Buprenorphine/Naloxone Doses for Quarter 1, 2017
400	39,834
401	2,566
402	345,222
403	383,012
404	239,289
405	594,533
406	41,197
407	126,188
408	5,947
409	26,767
410	95,818
411	214,815
412	95,044
413	274,003
414	12,866
415	44,719
416	172,687
417	47,250
418	589
420	86,636
421	46,615
422	12,331
423	87,684
424	3,252
425	40,730
426	846
427	130,784
Totals	3,171,224

Buprenorphine/Naloxone Usage Q1 2017

Buprenorphine/Naloxone Doses per 1000 by Patient Address

Doses per 1000 by Patient Address
Quarter 1 (Jan 01 - Mar 31) 2017



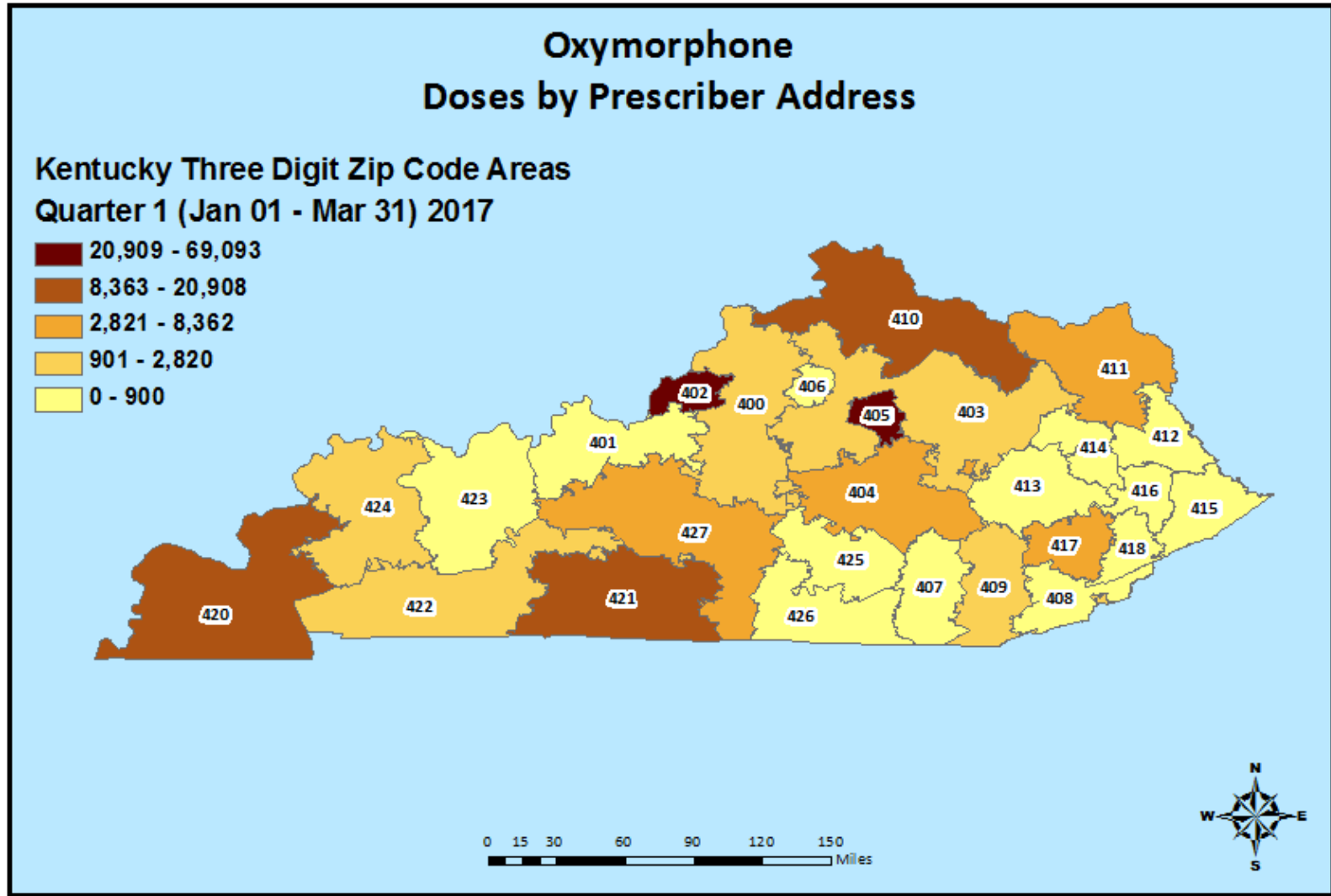
Buprenorphine/Naloxone Usage Q1 2017

Actual Number of Buprenorphine/Naloxone Doses for Quarter 1, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	25,276	EDMONSON	2,886	KNOX	46,022	NICHOLAS	19,232
ALLEN	6,931	ELLIOTT	12,010	LARUE	3,164	OHIO	9,033
ANDERSON	20,523	ESTILL	45,461	LAUREL	100,485	OLDHAM	15,624
BALLARD	2,706	FAYETTE	177,697	LAWRENCE	43,771	OWEN	6,318
BARREN	28,733	FLEMING	11,794	LEE	25,657	OWSLEY	24,690
BATH	30,649	FLOYD	154,371	LESLIE	30,558	PENDLETON	7,600
BELL	54,981	FRANKLIN	47,420	LETCHER	60,125	PERRY	114,609
BOONE	37,615	FULTON	2,217	LEWIS	17,722	PIKE	141,081
BOURBON	43,149	GALLATIN	4,952	LINCOLN	26,672	POWELL	39,668
BOYD	55,947	GARRARD	18,001	LIVINGSTON	4,299	PULASKI	77,292
BOYLE	24,298	GRANT	13,572	LOGAN	6,823	ROBERTSON	975
BRACKEN	4,430	GRAVES	13,980	LYON	4,397	ROCKCASTLE	25,671
BREATHITT	50,578	GRAYSON	6,096	MADISON	118,689	ROWAN	32,124
BRECKINRIDGE	2,694	GREEN	7,786	MAGOFFIN	74,323	RUSSELL	8,403
BULLITT	27,971	GREENUP	65,050	MARION	19,421	SCOTT	52,566
BUTLER	3,157	HANCOCK	1,201	MARSHALL	19,639	SHELBY	15,637
CALDWELL	7,921	HARDIN	15,846	MARTIN	40,964	SIMPSON	5,097
CALLOWAY	8,931	HARLAN	54,779	MASON	5,284	SPENCER	8,962
CAMPBELL	31,815	HARRISON	21,606	MCCRACKEN	33,191	TAYLOR	25,670
CARLISLE	1,710	HART	6,393	MCCREARY	34,348	TODD	1,488
CARROLL	9,879	HENDERSON	5,136	MCLEAN	2,483	TRIGG	4,205
CARTER	58,066	HENRY	8,314	MEADE	6,239	TRIMBLE	4,667
CASEY	16,512	HICKMAN	630	MENIFEE	15,107	UNION	922
CHRISTIAN	14,326	HOPKINS	29,192	MERCER	23,785	WARREN	30,265
CLARK	68,929	JACKSON	23,195	METCALFE	6,568	WASHINGTON	7,014
CLAY	59,033	JEFFERSON	233,035	MONROE	5,400	WAYNE	25,787
CLINTON	6,037	JESSAMINE	69,198	MONTGOMERY	63,869	WEBSTER	5,068
CRITTENDEN	5,625	JOHNSON	70,306	MORGAN	21,303	WHITLEY	107,827
CUMBERLAND	7,443	KENTON	49,908	MUHLENBERG	38,327	WOLFE	12,837
DAVISS	12,419	KNOTT	50,984	NELSON	19,719	WOODFORD	16,271
						TOTAL	3,716,257

Per 1000 Buprenorphine/Naloxone Usage Q1 2017

Actual Number of Buprenorphine/Naloxone Doses per 1,000 Residents for Quarter 1, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	1,349	EDMONSON	239	KNOX	1,448	NICHOLAS	2,732
ALLEN	341	ELLIOTT	1,573	LARUE	225	OHIO	377
ANDERSON	941	ESTILL	3,138	LAUREL	1,687	OLDHAM	251
BALLARD	325	FAYETTE	576	LAWRENCE	2,761	OWEN	593
BARREN	668	FLEMING	813	LEE	3,534	OWSLEY	5,305
BATH	2,562	FLOYD	3,986	LESLIE	2,773	PENDLETON	522
BELL	1,972	FRANKLIN	955	LETCHER	2,546	PERRY	4,092
BOONE	302	FULTON	347	LEWIS	1,284	PIKE	2,226
BOURBON	2,158	GALLATIN	584	LINCOLN	1,094	POWELL	3,175
BOYD	1,144	GARRARD	1,064	LIVINGSTON	459	PULASKI	1,209
BOYLE	837	GRANT	548	LOGAN	254	ROBERTSON	436
BRACKEN	526	GRAVES	373	LYON	520	ROCKCASTLE	1,538
BREATHITT	3,734	GRAYSON	234	MADISON	508	ROWAN	1,365
BRECKINRIDGE	134	GREEN	696	MAGOFFIN	1,909	RUSSELL	473
BULLITT	364	GREENUP	1,781	MARION	261	SCOTT	1,052
BUTLER	247	HANCOCK	138	MARSHALL	1,387	SHELBY	354
CALDWELL	618	HARDIN	146	MARTIN	5,739	SIMPSON	286
CALLOWAY	237	HARLAN	1,922	MASON	969	SPENCER	508
CAMPBELL	350	HARRISON	1,167	MCCRACKEN	631	TAYLOR	1,041
CARLISLE	342	HART	344	MCCREARY	3,239	TODD	119
CARROLL	902	HENDERSON	111	MCLEAN	306	TRIGG	294
CARTER	2,135	HENRY	538	MEADE	214	TRIMBLE	529
CASEY	1,028	HICKMAN	133	MENIFEE	2,403	UNION	61
CHRISTIAN	193	HOPKINS	626	MERCER	1,114	WARREN	256
CLARK	1,935	JACKSON	1,727	METCALFE	658	WASHINGTON	591
CLAY	2,763	JEFFERSON	308	MONROE	506	WAYNE	1,247
CLINTON	595	JESSAMINE	1,379	MONTGOMERY	2,344	WEBSTER	377
CRITTENDEN	608	JOHNSON	2,998	MORGAN	1,592	WHITLEY	3,015
CUMBERLAND	1,096	KENTON	306	MUHLENBERG	1,229	WOLFE	1,771
DAVISS	126	KNOTT	3,191	NELSON	443	WOODFORD	644

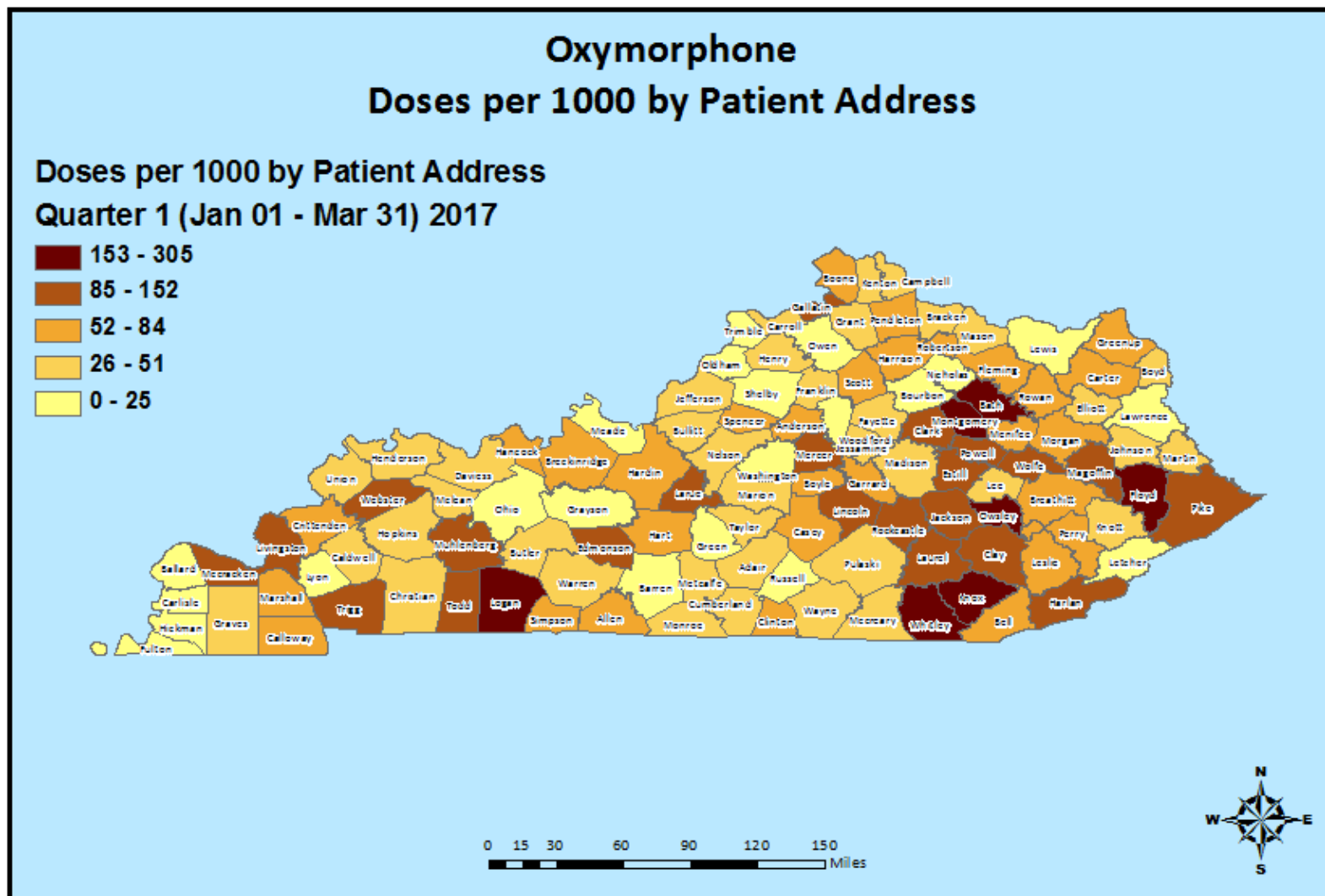
Oxymorphone Prescribing Q1 2017



Oxymorphone Prescribing Q1 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Oxymorphone Doses for Quarter 1, 2017
400	1,924
401	120
402	43,406
403	2,820
404	5,177
405	69,093
406	900
407	411
408	680
409	1,790
410	20,908
411	4,860
412	180
413	580
414	0
415	0
416	692
417	8,362
418	0
420	11,675
421	13,351
422	1,168
423	367
424	1,166
425	450
426	60
427	4,284
Totals	194,424

Oxymorphone Usage Q1 2017



Oxymorphone Usage

Q1 2017

Actual Number of Oxymorphone Doses for Quarter 1, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	745	EDMONSON	1,602	KNOX	5,524	NICHOLAS	60
ALLEN	1,170	ELLIOTT	380	LARUE	1,980	OHIO	240
ANDERSON	1,230	ESTILL	1,290	LAUREL	5,630	OLDHAM	1,380
BALLARD	0	FAYETTE	11,245	LAWRENCE	300	OWEN	180
BARREN	780	FLEMING	896	LEE	344	OWSLEY	1,086
BATH	1,920	FLOYD	7,048	LESLIE	794	PENDLETON	840
BELL	2,336	FRANKLIN	1,638	LETCHER	570	PERRY	2,022
BOONE	6,591	FULTON	0	LEWIS	0	PIKE	6,092
BOURBON	120	GALLATIN	968	LINCOLN	2,277	POWELL	1,770
BOYD	1,393	GARRARD	1,410	LIVINGSTON	930	PULASKI	2,640
BOYLE	2,028	GRANT	1,178	LOGAN	4,593	ROBERTSON	180
BRACKEN	352	GRAVES	1,290	LYON	210	ROCKCASTLE	1,860
BREATHITT	776	GRAYSON	510	MADISON	4,980	ROWAN	1,350
BRECKINRIDGE	1,170	GREEN	180	MAGOFFIN	600	RUSSELL	0
BULLITT	2,280	GREENUP	2,538	MARION	870	SCOTT	3,150
BUTLER	420	HANCOCK	528	MARSHALL	3,007	SHELBY	830
CALDWELL	554	HARDIN	5,647	MARTIN	608	SIMPSON	1,322
CALLOWAY	2,802	HARLAN	3,472	MASON	600	SPENCER	1,140
CAMPBELL	4,495	HARRISON	1,256	MCCRACKEN	3,063	TAYLOR	1,210
CARLISLE	5	HART	1,230	MCCREARY	1,600	TODD	1,440
CARROLL	480	HENDERSON	1,728	MCLEAN	348	TRIGG	2,177
CARTER	1,637	HENRY	645	MEADE	652	TRIMBLE	0
CASEY	960	HICKMAN	0	MENIFEE	420	UNION	420
CHRISTIAN	2,706	HOPKINS	1,694	MERCER	2,478	WARREN	6,065
CLARK	3,762	JACKSON	1,282	METCALFE	360	WASHINGTON	14
CLAY	2,796	JEFFERSON	30,542	MONROE	352	WAYNE	570
CLINTON	540	JESSAMINE	2,258	MONTGOMERY	4,836	WEBSTER	1,940
CRITTENDEN	530	JOHNSON	1,020	MORGAN	707	WHITLEY	10,913
CUMBERLAND	288	KENTON	8,011	MUHLENBERG	3,038	WOLFE	712
DAVISS	2,702	KNOTT	528	NELSON	1,234	WOODFORD	390
						TOTAL	244,480

Per 1000 Oxymorphone Usage Q1 2017

Actual Number of Oxymorphone Doses per 1,000 Residents for Quarter 1, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	40	EDMONSON	133	KNOX	174	NICHOLAS	9
ALLEN	58	ELLIOTT	50	LARUE	141	OHIO	10
ANDERSON	56	ESTILL	89	LAUREL	95	OLDHAM	22
BALLARD	0	FAYETTE	36	LAWRENCE	19	OWEN	17
BARREN	18	FLEMING	62	LEE	47	OWSLEY	233
BATH	161	FLOYD	182	LESLIE	72	PENDLETON	58
BELL	84	FRANKLIN	33	LETCHER	24	PERRY	72
BOONE	53	FULTON	0	LEWIS	0	PIKE	96
BOURBON	6	GALLATIN	114	LINCOLN	93	POWELL	142
BOYD	28	GARRARD	83	LIVINGSTON	99	PULASKI	41
BOYLE	70	GRANT	48	LOGAN	171	ROBERTSON	81
BRACKEN	42	GRAVES	34	LYON	25	ROCKCASTLE	111
BREATHITT	57	GRAYSON	20	MADISON	47	ROWAN	57
BRECKINRIDGE	58	GREEN	16	MAGOFFIN	89	RUSSELL	0
BULLITT	30	GREENUP	69	MARION	37	SCOTT	63
BUTLER	33	HANCOCK	61	MARSHALL	58	SHELBY	19
CALDWELL	43	HARDIN	52	MARTIN	46	SIMPSON	74
CALLOWAY	74	HARLAN	122	MASON	43	SPENCER	65
CAMPBELL	49	HARRISON	68	MCCRACKEN	97	TAYLOR	49
CARLISLE	1	HART	66	MCCREARY	48	TODD	115
CARROLL	44	HENDERSON	37	MCLEAN	35	TRIGG	152
CARTER	60	HENRY	42	MEADE	22	TRIMBLE	0
CASEY	60	HICKMAN	0	MENIFEE	67	UNION	28
CHRISTIAN	36	HOPKINS	36	MERCER	116	WARREN	51
CLARK	106	JACKSON	95	METCALFE	36	WASHINGTON	1
CLAY	131	JEFFERSON	40	MONROE	33	WAYNE	28
CLINTON	53	JESSAMINE	45	MONTGOMERY	177	WEBSTER	144
CRITTENDEN	57	JOHNSON	43	MORGAN	53	WHITLEY	305
CUMBERLAND	42	KENTON	49	MUHLENBERG	97	WOLFE	98
DAVIESS	28	KNOTT	33	NELSON	28	WOODFORD	15