

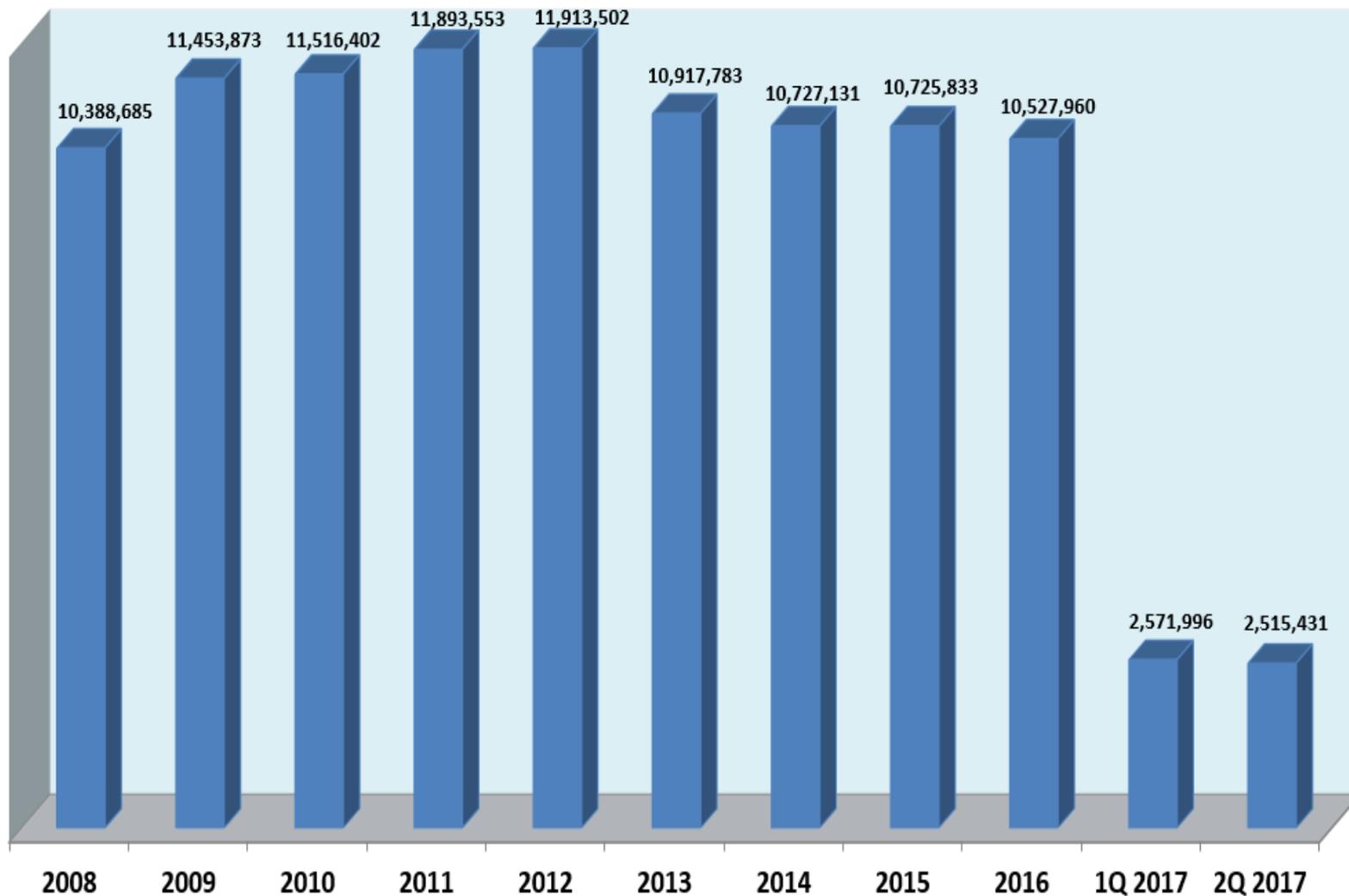
Kentucky All Schedule Prescription Electronic Reporting

Quarterly Trend Report 2nd Quarter 2017

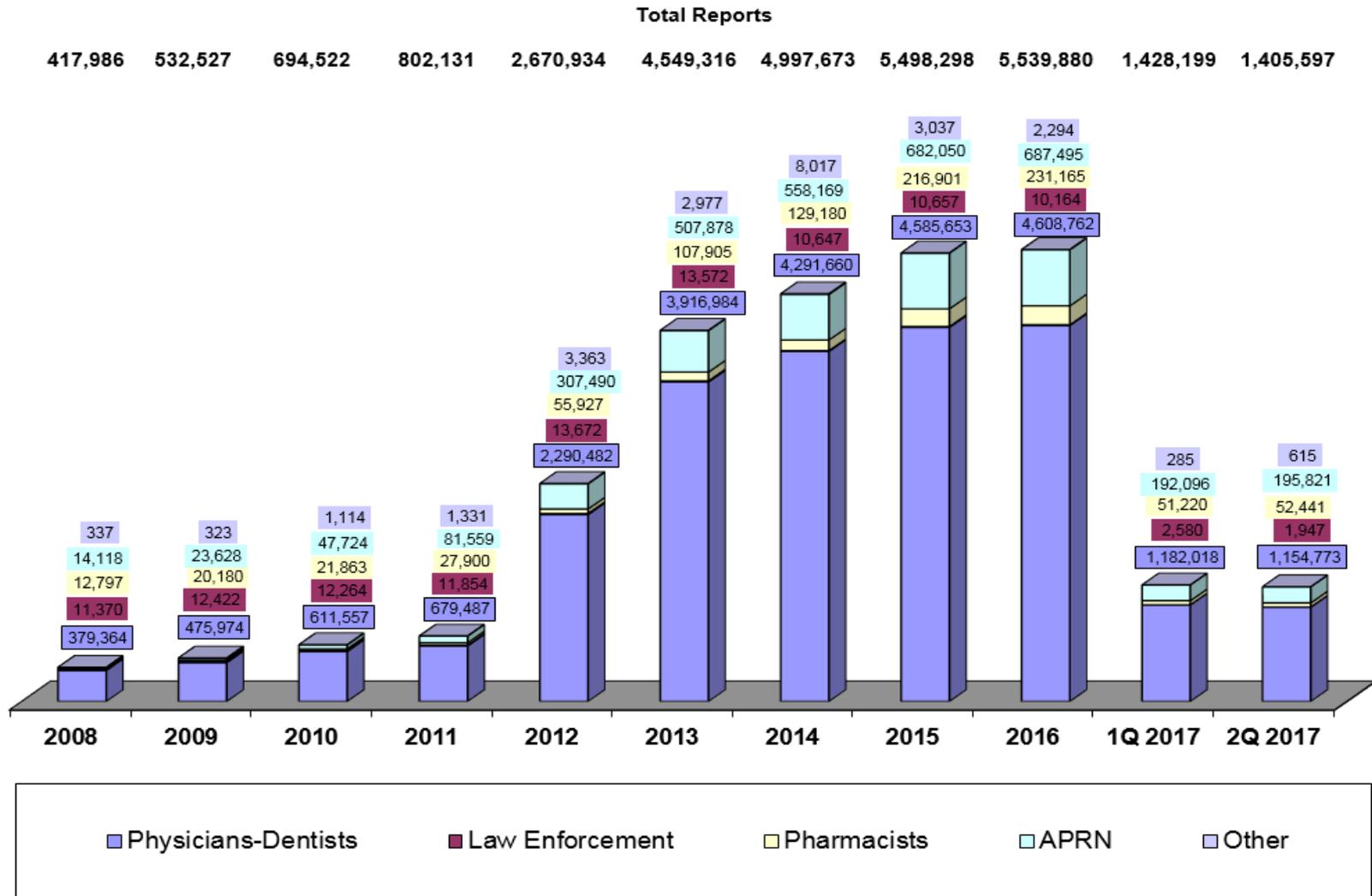
Cabinet for Health and Family Services
Office of Inspector General
275 E. Main Street
Frankfort, KY 40621



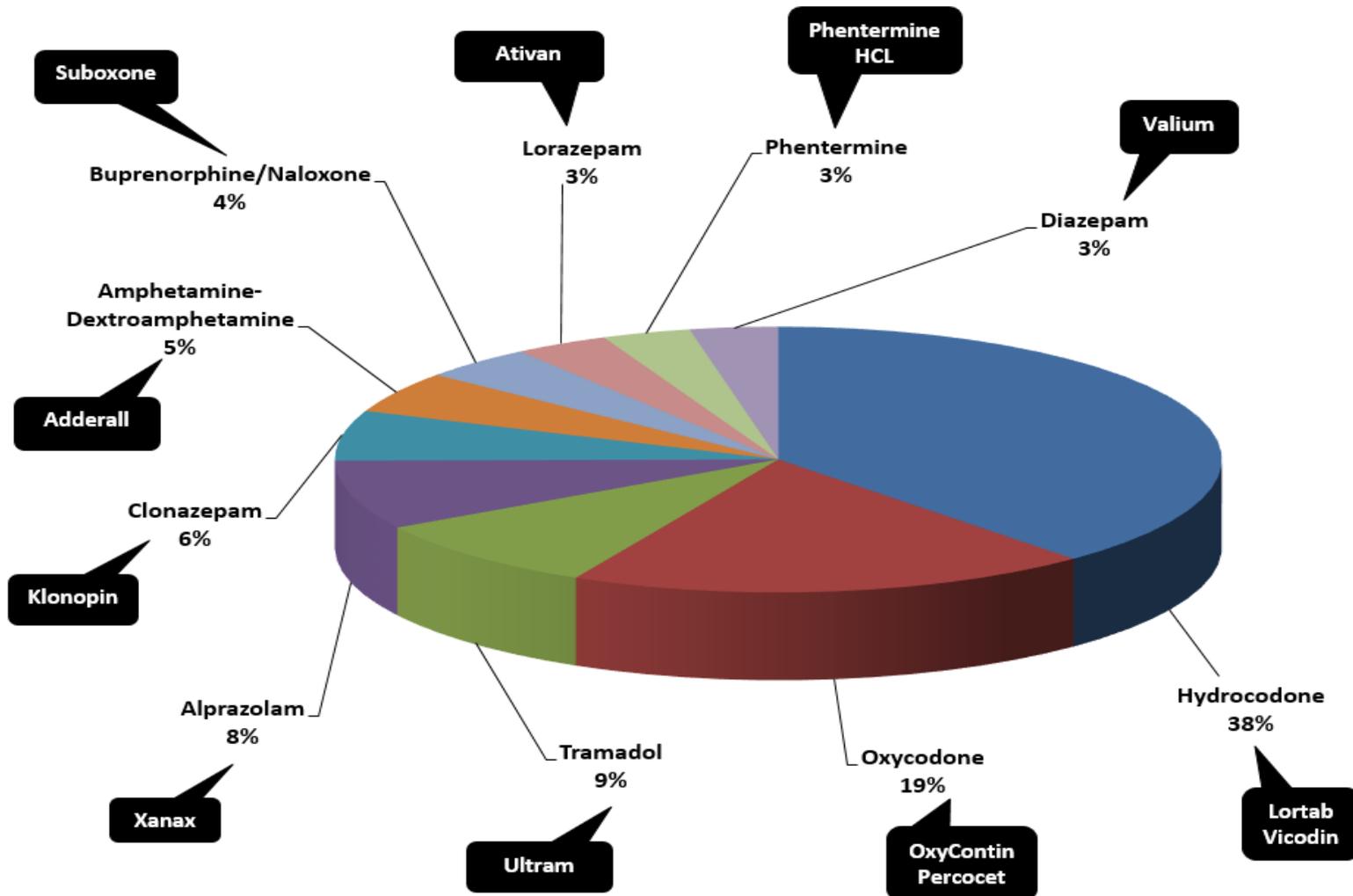
KASPER Records Added 2008 – Q2 2017



KASPER Reports Requested 2008 – Q2 2017



Top Prescribed Controlled Substances by Therapeutic Category by Doses – Q2 2017



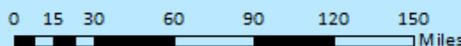
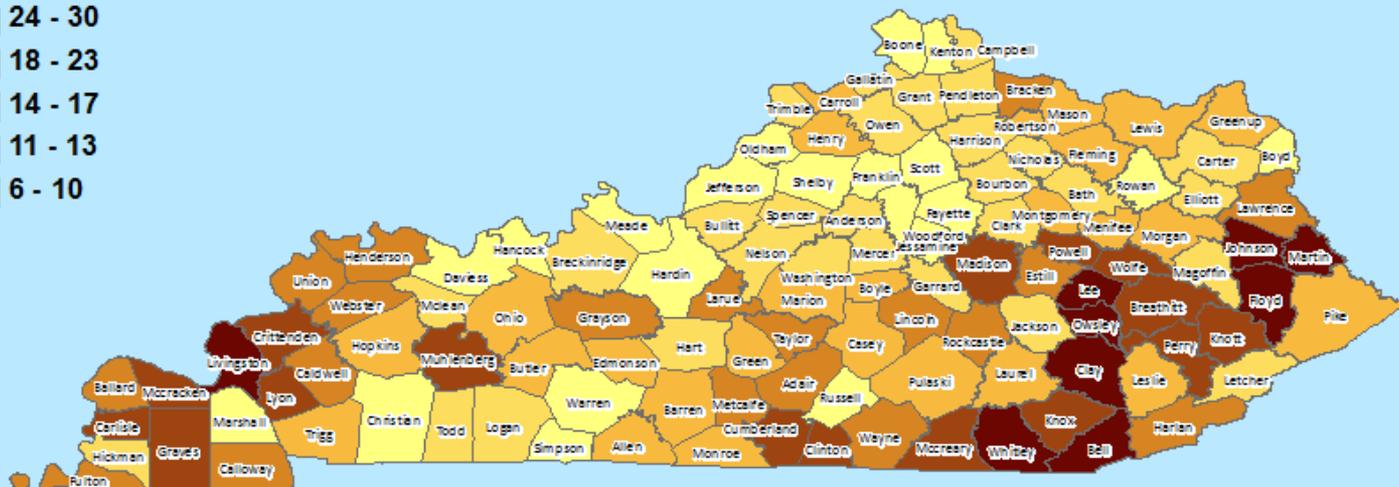
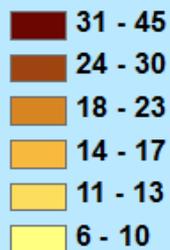
Opioid Morphine Equivalent Dose (MED) Data Q2 2017

Rate of Patients Receiving Daily Morphine Equivalent Dosage \geq 100 per 1,000 Residents for Quarter 2, 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	5	ESTILL	5	LAUREL	4	OLDHAM	3
BALLARD	2	FAYETTE	3	LAWRENCE	3	OWEN	4
BARREN	3	FLEMING	4	LEE	4	OWSLEY	5
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	4	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	MCCLEAN	2	TRIGG	3
CARTER	4	HENRY	5	MEADE	3	TRIMBLE	5
CASEY	2	HICKMAN	2	MENIFEE	4	UNION	4
CHRISTIAN	2	HOPKINS	4	MERCER	5	WARREN	4
CLARK	5	JACKSON	4	METCALFE	3	WASHINGTON	4
CLAY	4	JEFFERSON	4	MONROE	5	WAYNE	3
CLINTON	4	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 Q2 2017

Opioid and Benzodiazepine 7-Day Overlap by Patient Address

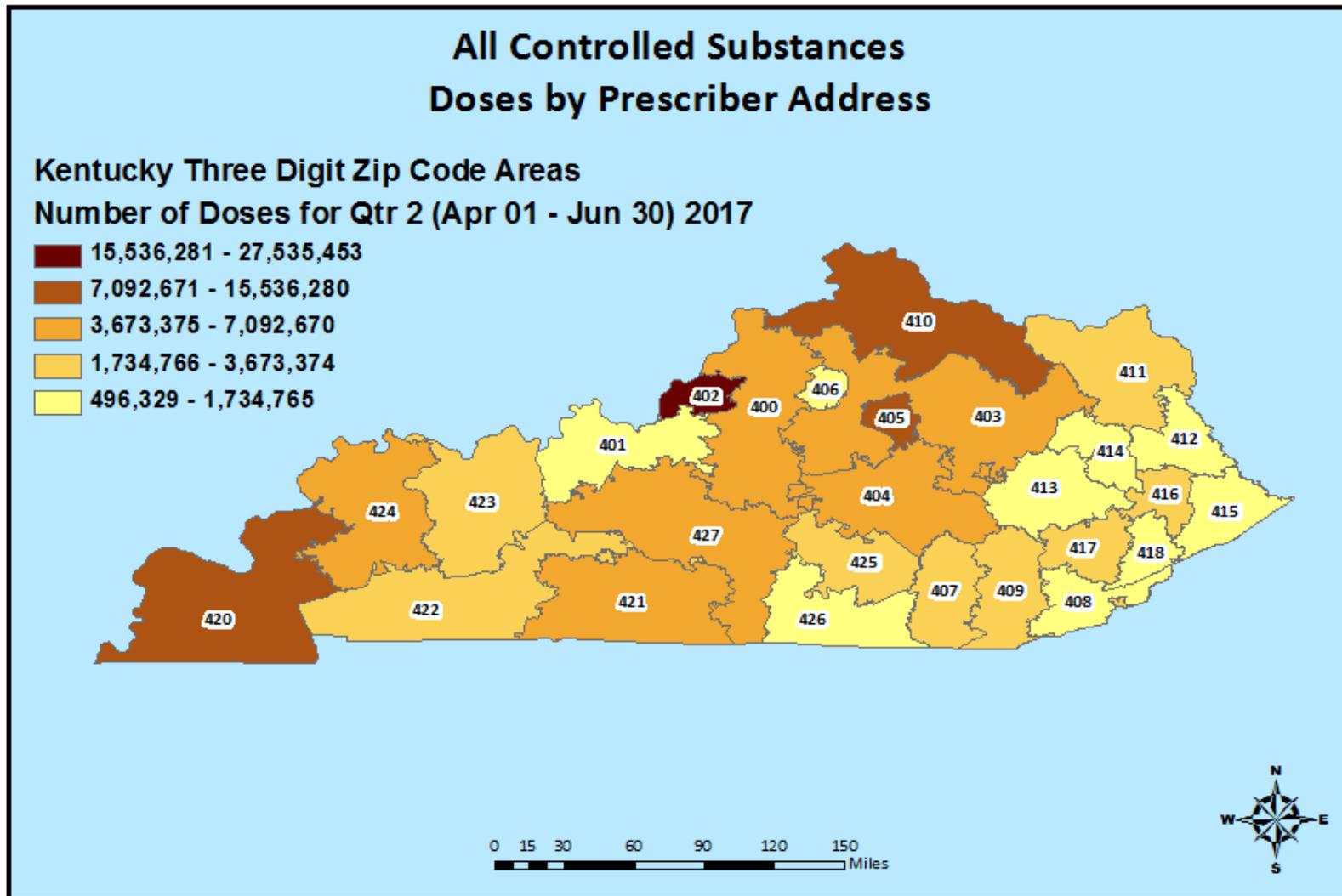
Rate per 1,000 of 7-Day Overlap by Patient Address
Quarter 2 (Apr 01 - Jun 30) 2017



Patients with Seven or More Days of Overlapping Opioid and Benzodiazepine Prescriptions Q2 2017

Rate of Patients With at Least a 7-Day Overlap of Opioids and Benzodiazepines per 1,000 for Quarter 2, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	20	EDMONSON	15	KNOX	24	NICHOLAS	11
ALLEN	14	ELLIOTT	11	LARUE	19	OHIO	16
ANDERSON	11	ESTILL	23	LAUREL	14	OLDHAM	7
BALLARD	20	FAYETTE	6	LAWRENCE	18	OWEN	11
BARREN	15	FLEMING	15	LEE	30	OWSLEY	31
BATH	11	FLOYD	37	LESLIE	14	PENDLETON	10
BELL	45	FRANKLIN	9	LETCHER	10	PERRY	27
BOONE	10	FULTON	22	LEWIS	15	PIKE	13
BOURBON	10	GALLATIN	12	LINCOLN	18	POWELL	27
BOYD	8	GARRARD	13	LIVINGSTON	31	PULASKI	16
BOYLE	16	GRANT	12	LOGAN	10	ROBERTSON	15
BRACKEN	18	GRAVES	23	LYON	23	ROCKCASTLE	19
BREATHITT	26	GRAYSON	23	MADISON	24	ROWAN	10
BRECKINRIDGE	12	GREEN	15	MAGOFFIN	13	RUSSELL	6
BULLITT	10	GREENUP	16	MARION	15	SCOTT	9
BUTLER	14	HANCOCK	10	MARSHALL	8	SHELBY	10
CALDWELL	19	HARDIN	9	MARTIN	36	SIMPSON	9
CALLOWAY	19	HARLAN	20	MASON	17	SPENCER	11
CAMPBELL	10	HARRISON	13	MCCRACKEN	27	TAYLOR	20
CARLISLE	23	HART	11	MCCREARY	30	TODD	12
CARROLL	17	HENDERSON	22	MCLEAN	11	TRIGG	15
CARTER	11	HENRY	14	MEADE	7	TRIMBLE	12
CASEY	17	HICKMAN	12	MENIFEE	15	UNION	21
CHRISTIAN	9	HOPKINS	16	MERCER	13	WARREN	8
CLARK	10	JACKSON	11	METCALFE	21	WASHINGTON	11
CLAY	33	JEFFERSON	10	MONROE	14	WAYNE	18
CLINTON	28	JESSAMINE	9	MONTGOMERY	16	WEBSTER	21
CRITTENDEN	26	JOHNSON	36	MORGAN	17	WHITLEY	32
CUMBERLAND	28	KENTON	8	MUHLENBERG	24	WOLFE	25
DAVISS	8	KNOTT	25	NELSON	12	WOODFORD	8

Controlled Substance Prescribing Q2 2017



Controlled Substance Prescribing Q2 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of all Controlled Substances for Quarter 2, 2017
400	3,905,884
401	1,245,567
402	27,535,453
403	5,959,633
404	4,662,697
405	15,536,280
406	1,395,734
407	3,438,190
408	758,152
409	2,758,373
410	11,893,604
411	3,673,374
412	1,734,765
413	1,667,646
414	496,329
415	1,152,031
416	2,303,605
417	2,870,138
418	601,498
420	9,568,928
421	7,092,670
422	2,111,988
423	2,498,481
424	4,728,465
425	2,067,997
426	1,152,599
427	4,806,128
Totals	127,616,209

Controlled Substance Usage

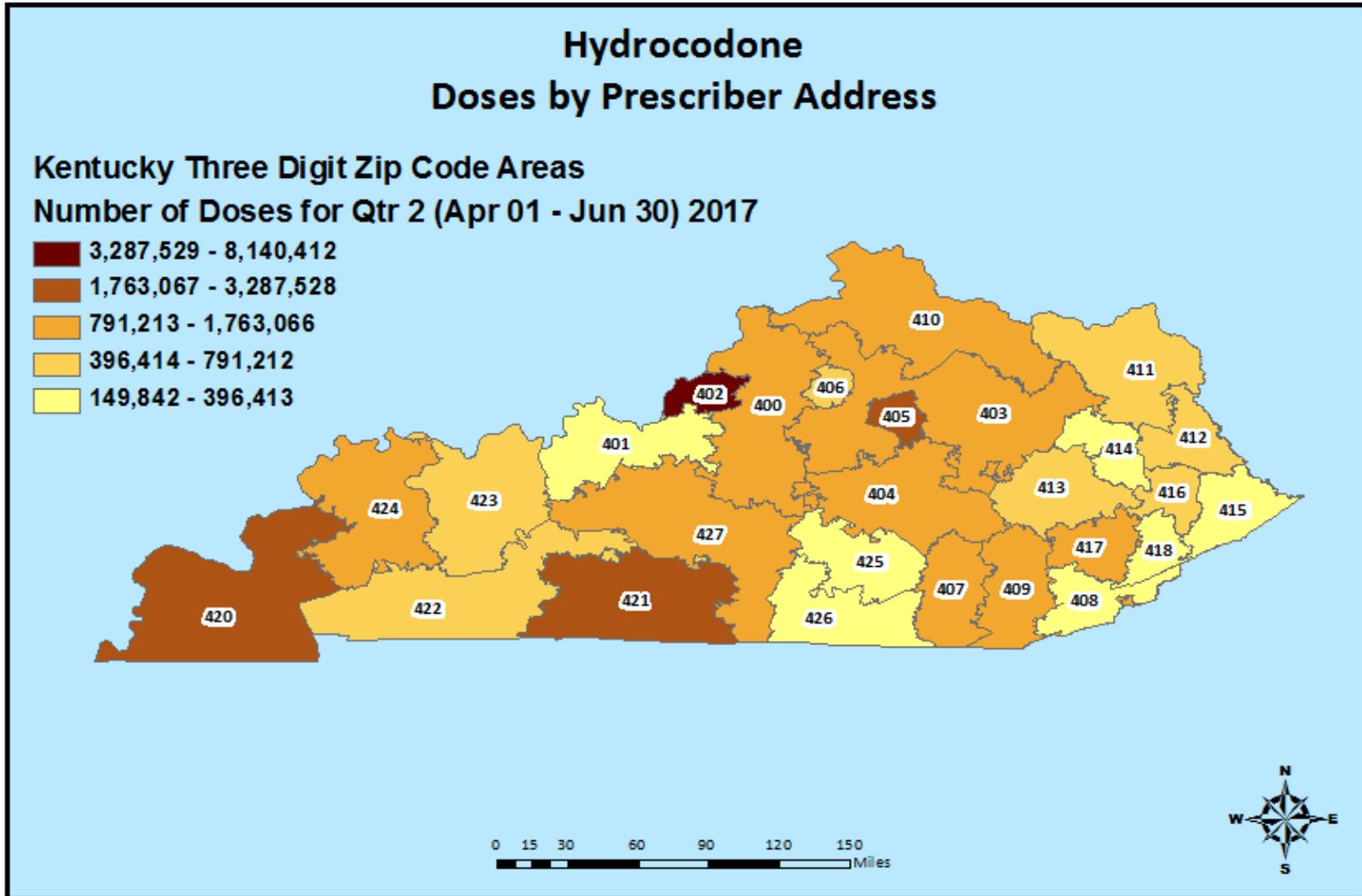
Q2 2017

Actual Number of All Controlled Substances Doses for Quarter 2, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	601,669	EDMONSON	354,414	KNOX	1,220,494	NICHOLAS	243,659
ALLEN	596,803	ELLIOTT	163,210	LARUE	553,853	OHIO	898,336
ANDERSON	669,572	ESTILL	680,347	LAUREL	1,854,339	OLDHAM	1,334,177
BALLARD	287,921	FAYETTE	6,195,306	LAWRENCE	572,373	OWEN	252,137
BARREN	1,223,515	FLEMING	472,460	LEE	405,838	OWSLEY	301,301
BATH	401,360	FLOYD	2,374,586	LESLIE	489,732	PENDLETON	391,974
BELL	1,644,133	FRANKLIN	1,401,091	LETCHER	1,028,607	PERRY	1,732,234
BOONE	3,076,131	FULTON	235,892	LEWIS	446,221	PIKE	2,099,765
BOURBON	580,743	GALLATIN	250,316	LINCOLN	854,364	POWELL	658,826
BOYD	909,802	GARRARD	480,819	LIVINGSTON	507,488	PULASKI	2,114,912
BOYLE	938,542	GRANT	659,401	LOGAN	786,968	ROBERTSON	65,258
BRACKEN	279,325	GRAVES	1,509,685	LYON	348,557	ROCKCASTLE	644,575
BREATHITT	674,125	GRAYSON	1,216,211	MADISON	2,425,596	ROWAN	620,412
BRECKINRIDGE	584,799	GREEN	334,112	MAGOFFIN	735,002	RUSSELL	178,526
BULLITT	2,115,130	GREENUP	1,474,684	MARION	650,715	SCOTT	1,333,972
BUTLER	401,462	HANCOCK	221,584	MARSHALL	1,392,007	SHELBY	1,198,475
CALDWELL	540,371	HARDIN	2,853,062	MARTIN	544,356	SIMPSON	444,063
CALLOWAY	1,214,100	HARLAN	1,255,864	MASON	427,327	SPENCER	559,121
CAMPBELL	2,274,958	HARRISON	567,285	MCCRACKEN	2,862,637	TAYLOR	896,643
CARLISLE	209,431	HART	477,494	MCCREARY	640,599	TODD	315,057
CARROLL	410,785	HENDERSON	2,158,605	MCLEAN	358,597	TRIGG	462,392
CARTER	733,740	HENRY	515,825	MEADE	550,778	TRIMBLE	237,170
CASEY	490,410	HICKMAN	113,938	MENIFEE	228,658	UNION	650,903
CHRISTIAN	1,553,179	HOPKINS	1,933,677	MERCER	707,757	WARREN	3,011,507
CLARK	1,135,399	JACKSON	458,384	METCALFE	376,925	WASHINGTON	299,645
CLAY	1,262,847	JEFFERSON	20,929,037	MONROE	363,736	WAYNE	693,459
CLINTON	453,030	JESSAMINE	1,395,432	MONTGOMERY	968,726	WEBSTER	692,091
CRITTENDEN	461,792	JOHNSON	1,159,391	MORGAN	460,859	WHITLEY	2,041,017
CUMBERLAND	282,975	KENTON	3,486,008	MUHLENBERG	1,487,833	WOLFE	330,380
DAVISS	2,015,172	KNOTT	833,828	NELSON	1,449,391	WOODFORD	656,777
						TOTAL	135,244,266

Per 1000 Controlled Substance Usage Q2 2017

Actual Number of All Controlled Substances Doses per 1,000 Residents for Quarter 2, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	32,120	EDMONSON	29,383	KNOX	38,392	NICHOLAS	34,616
ALLEN	29,383	ELLIOTT	21,371	LARUE	39,381	OHIO	37,449
ANDERSON	30,699	ESTILL	46,959	LAUREL	31,132	OLDHAM	21,393
BALLARD	34,556	FAYETTE	20,087	LAWRENCE	36,098	OWEN	23,648
BARREN	28,436	FLEMING	32,565	LEE	55,901	OWSLEY	64,740
BATH	33,556	FLOYD	61,314	LESLIE	44,444	PENDLETON	26,903
BELL	58,961	FRANKLIN	28,220	LETCHER	43,550	PERRY	61,843
BOONE	24,719	FULTON	36,945	LEWIS	32,321	PIKE	33,130
BOURBON	29,040	GALLATIN	29,539	LINCOLN	35,058	POWELL	52,731
BOYD	18,611	GARRARD	28,426	LIVINGSTON	54,225	PULASKI	33,094
BOYLE	32,349	GRANT	26,639	LOGAN	29,281	ROBERTSON	29,198
BRACKEN	33,190	GRAVES	40,311	LYON	41,244	ROCKCASTLE	38,613
BREATHITT	49,769	GRAYSON	46,783	MADISON	43,789	ROWAN	26,370
BRECKINRIDGE	29,182	GREEN	29,885	MAGOFFIN	35,611	RUSSELL	10,057
BULLITT	27,521	GREENUP	40,381	MARION	37,763	SCOTT	26,708
BUTLER	31,381	HANCOCK	25,508	MARSHALL	28,340	SHELBY	27,105
CALDWELL	42,141	HARDIN	26,371	MARTIN	56,757	SIMPSON	24,957
CALLOWAY	32,241	HARLAN	44,067	MASON	32,463	SPENCER	31,702
CAMPBELL	25,003	HARRISON	30,634	MCCRACKEN	44,749	TAYLOR	36,376
CARLISLE	41,878	HART	25,709	MCCREARY	43,042	TODD	25,199
CARROLL	37,504	HENDERSON	46,575	MCLEAN	24,732	TRIGG	32,351
CARTER	26,974	HENRY	33,398	MEADE	18,856	TRIMBLE	26,902
CASEY	30,523	HICKMAN	24,012	MENIFEE	36,364	UNION	43,310
CHRISTIAN	20,942	HOPKINS	41,465	MERCER	33,152	WARREN	25,441
CLARK	31,881	JACKSON	34,139	METCALFE	37,757	WASHINGTON	25,233
CLAY	59,111	JEFFERSON	27,653	MONROE	34,054	WAYNE	33,536
CLINTON	44,651	JESSAMINE	27,812	MONTGOMERY	35,548	WEBSTER	51,449
CRITTENDEN	49,896	JOHNSON	49,443	MORGAN	34,444	WHITLEY	57,066
CUMBERLAND	41,681	KENTON	21,368	MUHLENBERG	47,719	WOLFE	45,582
DAVISS	20,517	KNOTT	52,193	NELSON	32,541	WOODFORD	25,985

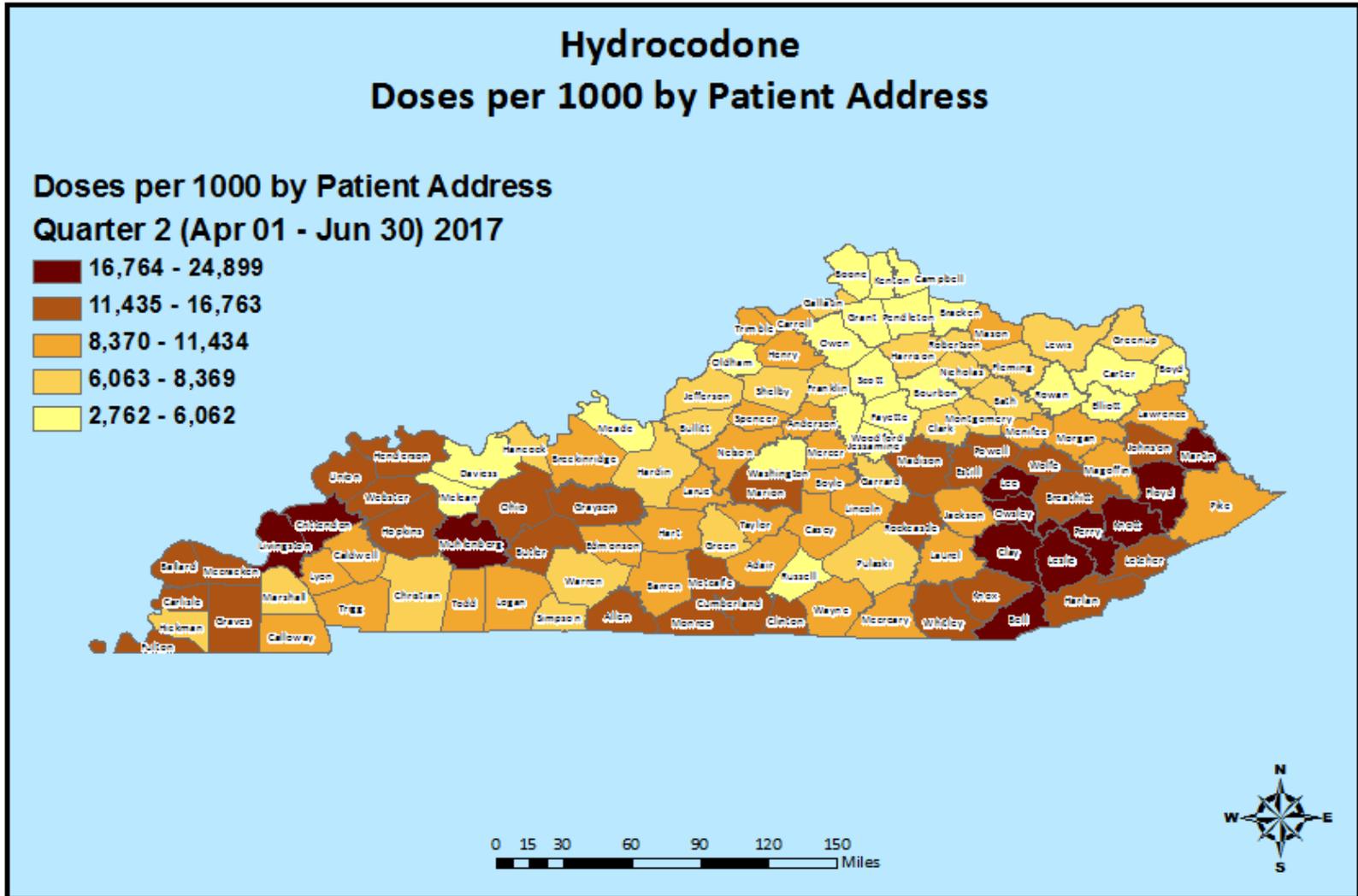
Hydrocodone Prescribing Q2 2017



Hydrocodone Prescribing Q2 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of all Hydrocodone Doses for Quarter 2, 2017
400	1,022,114
401	281,859
402	8,140,412
403	1,252,622
404	1,389,485
405	3,287,528
406	529,026
407	1,046,915
408	254,270
409	1,092,795
410	1,763,066
411	692,164
412	474,487
413	557,269
414	162,706
415	294,142
416	783,946
417	1,274,567
418	149,842
420	2,994,785
421	2,618,163
422	580,273
423	791,212
424	1,490,965
425	392,297
426	396,413
427	1,316,483
Totals	35,029,806

Hydrocodone Usage Q2 2017



Hydrocodone Usage

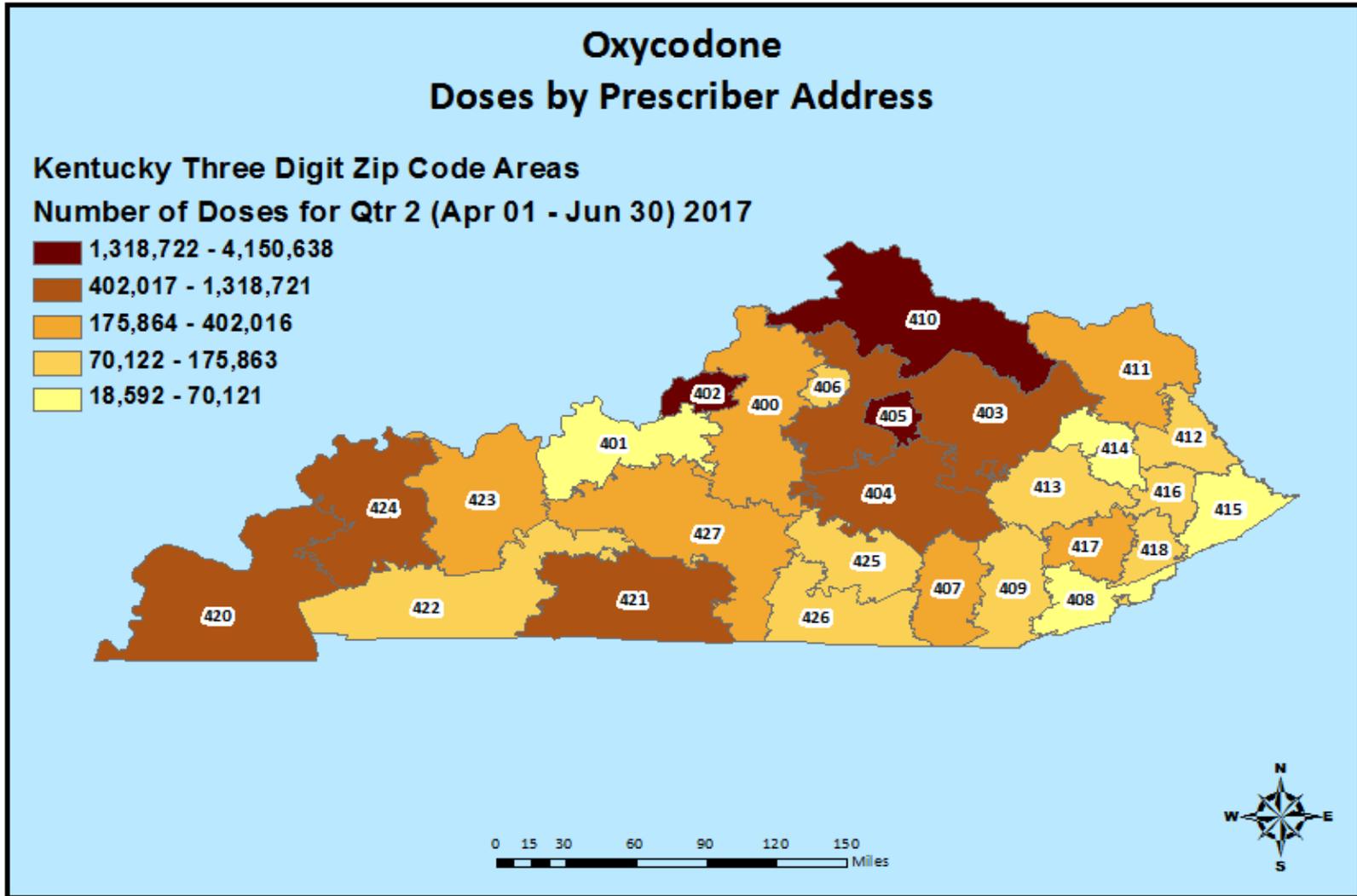
Q2 2017

Actual Number of Hydrocodone Doses for Quarter 2, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	211,074	EDMONSON	124,439	KNOX	394,861	NICHOLAS	51,968
ALLEN	254,546	ELLIOTT	39,172	LARUE	157,488	OHIO	334,571
ANDERSON	205,081	ESTILL	199,123	LAUREL	540,276	OLDHAM	309,028
BALLARD	102,471	FAYETTE	1,133,148	LAWRENCE	149,047	OWEN	59,294
BARREN	430,993	FLEMING	95,478	LEE	141,687	OWSLEY	113,898
BATH	86,706	FLOYD	800,409	LESLIE	191,281	PENDLETON	68,677
BELL	600,653	FRANKLIN	379,520	LETCHER	360,067	PERRY	580,259
BOONE	433,590	FULTON	85,606	LEWIS	110,850	PIKE	684,582
BOURBON	118,705	GALLATIN	55,798	LINCOLN	240,420	POWELL	198,622
BOYD	171,380	GARRARD	119,676	LIVINGSTON	168,270	PULASKI	498,448
BOYLE	265,867	GRANT	111,740	LOGAN	267,951	ROBERTSON	14,035
BRACKEN	45,335	GRAVES	468,931	LYON	95,712	ROCKCASTLE	225,610
BREATHITT	227,049	GRAYSON	412,616	MADISON	567,183	ROWAN	118,790
BRECKINRIDGE	181,758	GREEN	85,995	MAGOFFIN	229,644	RUSSELL	57,591
BULLITT	643,229	GREENUP	297,183	MARION	196,038	SCOTT	285,064
BUTLER	166,732	HANCOCK	64,810	MARSHALL	396,706	SHELBY	337,503
CALDWELL	146,614	HARDIN	817,865	MARTIN	131,476	SIMPSON	140,584
CALLOWAY	346,698	HARLAN	398,734	MASON	75,513	SPENCER	154,258
CAMPBELL	344,065	HARRISON	119,917	MCCRACKEN	852,141	TAYLOR	235,140
CARLISLE	65,269	HART	162,222	MCCREARY	187,749	TODD	115,291
CARROLL	122,519	HENDERSON	577,925	MCLEAN	135,140	TRIGG	130,723
CARTER	152,693	HENRY	162,700	MEADE	164,894	TRIMBLE	81,331
CASEY	146,859	HICKMAN	37,001	MENIFEE	65,349	UNION	209,725
CHRISTIAN	472,743	HOPKINS	637,494	MERCER	189,929	WARREN	907,694
CLARK	246,355	JACKSON	138,169	METCALFE	142,935	WASHINGTON	71,984
CLAY	531,940	JEFFERSON	6,083,653	MONROE	135,958	WAYNE	226,049
CLINTON	132,085	JESSAMINE	282,922	MONTGOMERY	207,377	WEBSTER	218,500
CRITTENDEN	167,211	JOHNSON	347,917	MORGAN	122,499	WHITLEY	583,347
CUMBERLAND	99,963	KENTON	450,599	MUHLENBERG	538,677	WOLFE	116,756
DAVISS	588,136	KNOTT	280,372	NELSON	401,107	WOODFORD	145,473
						TOTAL	37,512,473

Per 1000 Hydrocodone Usage Q2 2017

Actual Number of Hydrocodone Doses per 1,000 Residents for Quarter 2, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	11,268	EDMONSON	10,317	KNOX	12,421	NICHOLAS	7,383
ALLEN	12,532	ELLIOTT	5,129	LARUE	11,198	OHIO	13,947
ANDERSON	9,403	ESTILL	13,744	LAUREL	9,071	OLDHAM	4,955
BALLARD	12,298	FAYETTE	3,674	LAWRENCE	9,400	OWEN	5,561
BARREN	10,017	FLEMING	6,581	LEE	19,516	OWSLEY	24,473
BATH	7,249	FLOYD	20,667	LESLIE	17,359	PENDLETON	4,714
BELL	21,540	FRANKLIN	7,644	LETCHER	15,245	PERRY	20,716
BOONE	3,484	FULTON	13,407	LEWIS	8,029	PIKE	10,801
BOURBON	5,936	GALLATIN	6,585	LINCOLN	9,865	POWELL	15,897
BOYD	3,506	GARRARD	7,075	LIVINGSTON	17,979	PULASKI	7,800
BOYLE	9,164	GRANT	4,514	LOGAN	9,970	ROBERTSON	6,280
BRACKEN	5,387	GRAVES	12,521	LYON	11,326	ROCKCASTLE	13,515
BREATHITT	16,763	GRAYSON	15,872	MADISON	13,035	ROWAN	5,049
BRECKINRIDGE	9,070	GREEN	7,692	MAGOFFIN	10,437	RUSSELL	3,244
BULLITT	8,369	GREENUP	8,138	MARION	14,231	SCOTT	5,707
BUTLER	13,033	HANCOCK	7,461	MARSHALL	6,627	SHELBY	7,633
CALDWELL	11,434	HARDIN	7,559	MARTIN	17,733	SIMPSON	7,901
CALLOWAY	9,207	HARLAN	13,991	MASON	9,780	SPENCER	8,746
CAMPBELL	3,781	HARRISON	6,476	MCCRACKEN	12,753	TAYLOR	9,540
CARLISLE	13,051	HART	8,734	MCCREARY	10,396	TODD	9,221
CARROLL	11,186	HENDERSON	12,470	MCLEAN	4,370	TRIGG	9,146
CARTER	5,613	HENRY	10,534	MEADE	5,645	TRIMBLE	9,225
CASEY	9,140	HICKMAN	7,798	MENIFEE	10,393	UNION	13,955
CHRISTIAN	6,374	HOPKINS	13,670	MERCER	8,896	WARREN	7,668
CLARK	6,917	JACKSON	10,290	METCALFE	14,318	WASHINGTON	6,062
CLAY	24,899	JEFFERSON	8,038	MONROE	12,729	WAYNE	10,932
CLINTON	13,018	JESSAMINE	5,639	MONTGOMERY	7,610	WEBSTER	16,243
CRITTENDEN	18,067	JOHNSON	14,837	MORGAN	9,155	WHITLEY	16,310
CUMBERLAND	14,724	KENTON	2,762	MUHLENBERG	17,277	WOLFE	16,109
DAVIESS	5,988	KNOTT	17,550	NELSON	9,006	WOODFORD	5,756

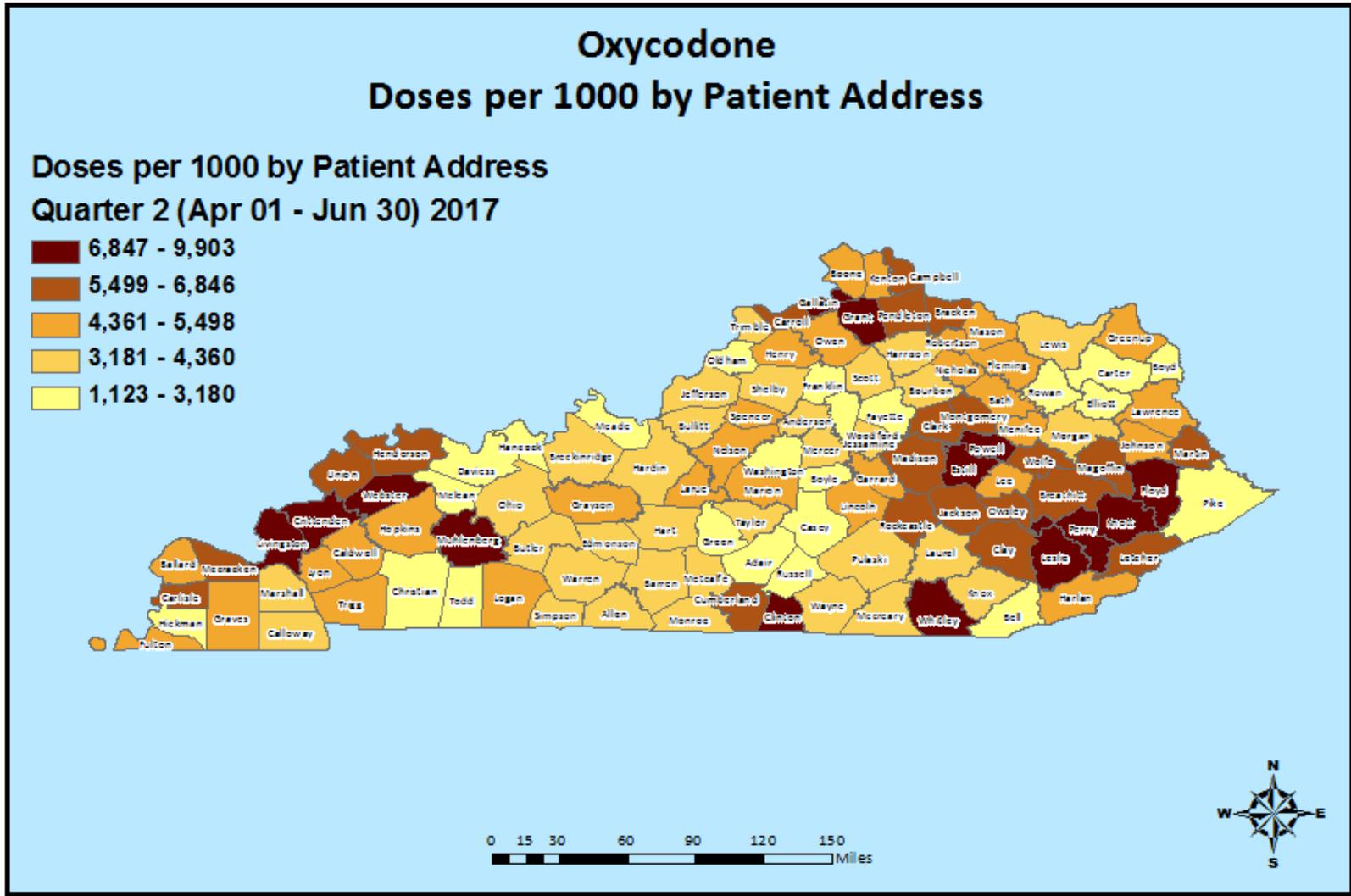
Oxycodone Prescribing Q2 2017



Oxycodone Prescribing Q2 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Oxycodone Doses for Quarter 2, 2017
400	402,016
401	59,578
402	4,150,638
403	547,854
404	561,047
405	2,980,086
406	133,366
407	328,501
408	70,121
409	94,846
410	2,438,325
411	344,963
412	149,750
413	165,865
414	18,592
415	28,063
416	175,863
417	392,821
418	90,257
420	1,318,721
421	1,053,223
422	122,664
423	252,834
424	568,724
425	100,865
426	97,127
427	396,212
Totals	17,042,922

Oxycodone Usage Q2 2017



Oxycodone Usage

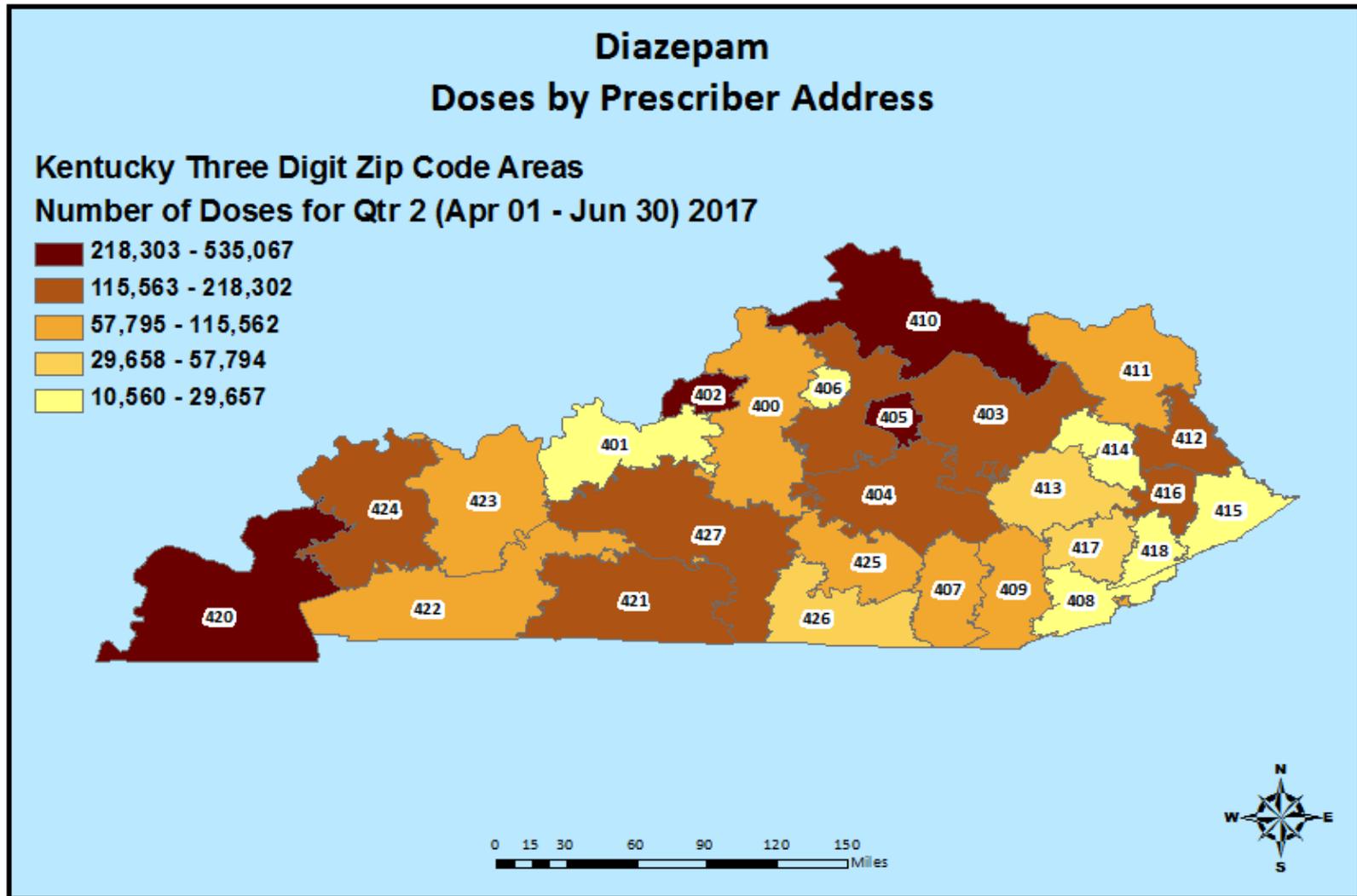
Q2 2017

Actual Number of Oxycodone Doses for Quarter 2, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	49,525	EDMONSON	52,072	KNOX	120,637	NICHOLAS	35,111
ALLEN	80,172	ELLIOTT	21,740	LARUE	75,697	OHIO	95,664
ANDERSON	76,084	ESTILL	116,041	LAUREL	212,248	OLDHAM	150,920
BALLARD	40,195	FAYETTE	738,379	LAWRENCE	70,031	OWEN	48,263
BARREN	143,381	FLEMING	65,871	LEE	37,524	OWSLEY	29,821
BATH	65,762	FLOYD	282,002	LESLIE	79,316	PENDLETON	99,739
BELL	79,073	FRANKLIN	149,966	LETCHER	133,664	PERRY	259,497
BOONE	660,579	FULTON	32,842	LEWIS	56,552	PIKE	169,707
BOURBON	82,528	GALLATIN	65,633	LINCOLN	116,122	POWELL	112,339
BOYD	117,046	GARRARD	78,337	LIVINGSTON	76,385	PULASKI	249,349
BOYLE	91,743	GRANT	195,406	LOGAN	121,989	ROBERTSON	10,884
BRACKEN	52,712	GRAVES	184,584	LYON	45,288	ROCKCASTLE	99,659
BREATHITT	77,212	GRAYSON	130,830	MADISON	348,209	ROWAN	73,948
BRECKINRIDGE	68,362	GREEN	34,046	MAGOFFIN	79,589	RUSSELL	19,939
BULLITT	326,689	GREENUP	175,851	MARION	89,232	SCOTT	170,591
BUTLER	50,723	HANCOCK	24,939	MARSHALL	212,813	SHELBY	154,158
CALDWELL	69,530	HARDIN	388,148	MARTIN	47,364	SIMPSON	69,247
CALLOWAY	125,966	HARLAN	151,736	MASON	51,578	SPENCER	81,036
CAMPBELL	554,743	HARRISON	69,850	MCCRACKEN	405,877	TAYLOR	98,510
CARLISLE	31,912	HART	66,694	MCCREARY	107,515	TODD	39,719
CARROLL	71,042	HENDERSON	312,017	MCLEAN	46,707	TRIGG	63,266
CARTER	86,491	HENRY	73,588	MEADE	76,039	TRIMBLE	35,363
CASEY	42,225	HICKMAN	14,863	MENIFEE	34,083	UNION	88,205
CHRISTIAN	186,930	HOPKINS	247,005	MERCER	81,376	WARREN	423,562
CLARK	206,896	JACKSON	77,238	METCALFE	40,123	WASHINGTON	35,656
CLAY	140,617	JEFFERSON	2,826,487	MONROE	46,571	WAYNE	88,551
CLINTON	100,480	JESSAMINE	203,966	MONTGOMERY	152,226	WEBSTER	103,967
CRITTENDEN	66,001	JOHNSON	127,622	MORGAN	51,230	WHITLEY	277,234
CUMBERLAND	40,108	KENTON	818,347	MUHLENBERG	222,925	WOLFE	44,029
DAVISS	239,344	KNOTT	135,339	NELSON	211,259	WOODFORD	73,191
						TOTAL	18,636,804

Per 1000 Oxycodone Usage Q2 2017

Actual Number of Oxycodone Doses per 1,000 Residents for Quarter 2, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	2,644	EDMONSON	4,317	KNOX	3,795	NICHOLAS	4,988
ALLEN	3,947	ELLIOTT	2,847	LARUE	5,382	OHIO	3,988
ANDERSON	3,488	ESTILL	8,009	LAUREL	3,563	OLDHAM	2,420
BALLARD	4,824	FAYETTE	2,394	LAWRENCE	4,417	OWEN	4,527
BARREN	3,332	FLEMING	4,540	LEE	5,169	OWSLEY	6,408
BATH	5,498	FLOYD	7,282	LESLIE	7,198	PENDLETON	6,846
BELL	2,836	FRANKLIN	3,021	LETCHER	5,659	PERRY	9,264
BOONE	5,308	FULTON	5,144	LEWIS	4,096	PIKE	2,678
BOURBON	4,127	GALLATIN	7,745	LINCOLN	4,765	POWELL	8,991
BOYD	2,394	GARRARD	4,631	LIVINGSTON	8,162	PULASKI	3,902
BOYLE	3,162	GRANT	7,894	LOGAN	4,539	ROBERTSON	4,870
BRACKEN	6,263	GRAVES	4,929	LYON	5,359	ROCKCASTLE	5,970
BREATHITT	5,700	GRAYSON	5,033	MADISON	6,209	ROWAN	3,143
BRECKINRIDGE	3,411	GREEN	3,045	MAGOFFIN	5,977	RUSSELL	1,123
BULLITT	4,251	GREENUP	4,815	MARION	4,919	SCOTT	3,415
BUTLER	3,965	HANCOCK	2,871	MARSHALL	4,068	SHELBY	3,486
CALDWELL	5,422	HARDIN	3,588	MARTIN	6,146	SIMPSON	3,892
CALLOWAY	3,345	HARLAN	5,324	MASON	4,452	SPENCER	4,595
CAMPBELL	6,097	HARRISON	3,772	MCCRACKEN	6,841	TAYLOR	3,997
CARLISLE	6,381	HART	3,591	MCCREARY	3,745	TODD	3,177
CARROLL	6,486	HENDERSON	6,732	MCLEAN	2,985	TRIGG	4,426
CARTER	3,180	HENRY	4,765	MEADE	2,603	TRIMBLE	4,011
CASEY	2,628	HICKMAN	3,132	MENIFEE	5,420	UNION	5,869
CHRISTIAN	2,520	HOPKINS	5,297	MERCER	3,812	WARREN	3,578
CLARK	5,809	JACKSON	5,752	METCALFE	4,019	WASHINGTON	3,003
CLAY	6,582	JEFFERSON	3,735	MONROE	4,360	WAYNE	4,282
CLINTON	9,903	JESSAMINE	4,065	MONTGOMERY	5,586	WEBSTER	7,729
CRITTENDEN	7,131	JOHNSON	5,443	MORGAN	3,829	WHITLEY	7,751
CUMBERLAND	5,908	KENTON	5,016	MUHLENBERG	7,150	WOLFE	6,075
DAVISS	2,437	KNOTT	8,471	NELSON	4,743	WOODFORD	2,896

Diazepam Prescribing Q2 2017



Diazepam Prescribing Q2 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Diazepam Doses for Quarter 2, 2017
400	84,674
401	28,735
402	535,067
403	190,306
404	157,507
405	331,305
406	20,222
407	88,771
408	13,540
409	115,562
410	370,678
411	111,941
412	170,303
413	57,794
414	26,257
415	29,657
416	158,700
417	47,930
418	10,560
420	341,167
421	190,260
422	81,247
423	77,160
424	133,376
425	83,195
426	45,867
427	218,302
Totals	3,720,083

Diazepam Usage

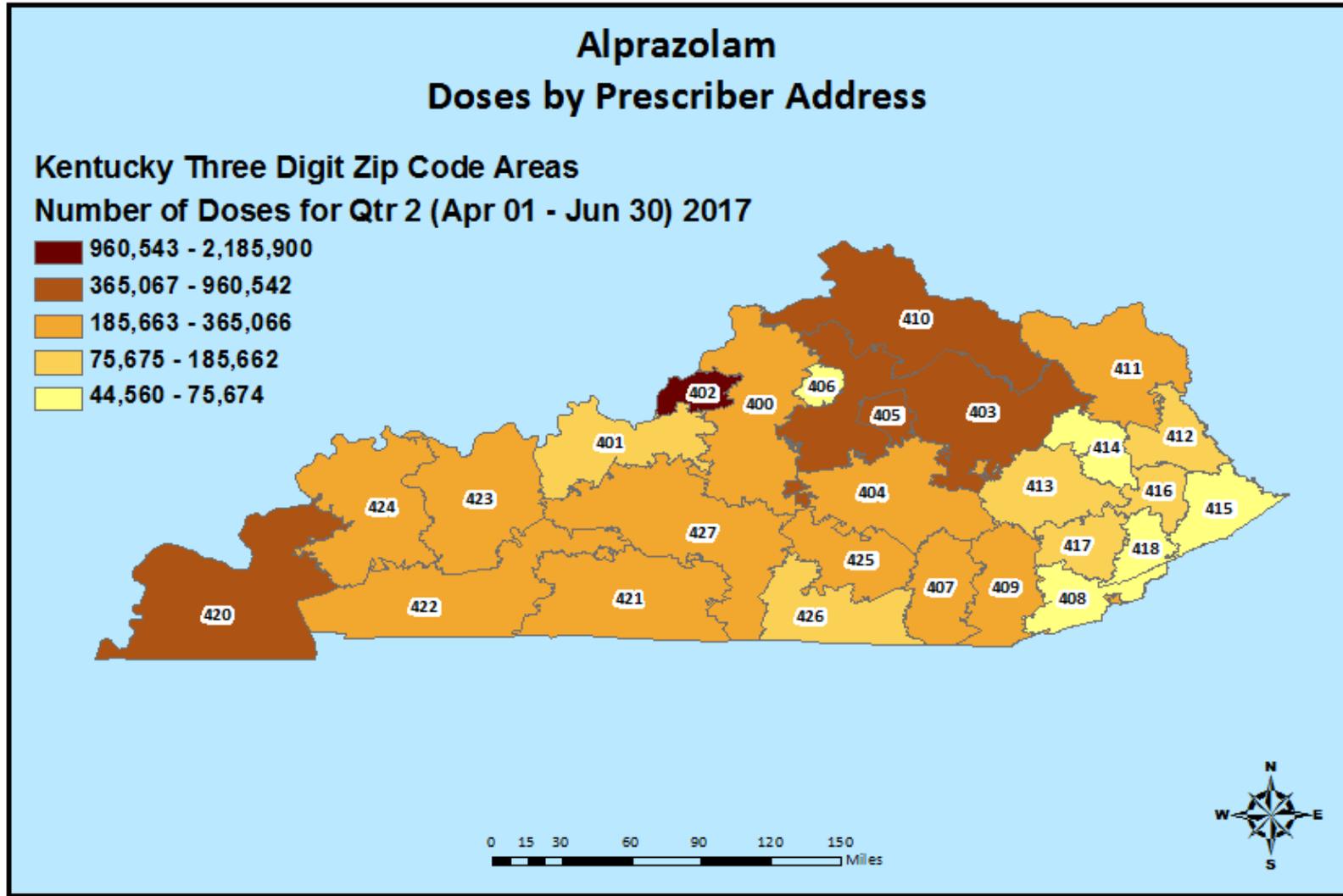
Q2 2017

Actual Number of Diazepam Doses for Quarter 2, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	29,293	EDMONSON	15,850	KNOX	42,462	NICHOLAS	5,496
ALLEN	17,316	ELLIOTT	7,720	LARUE	33,305	OHIO	31,645
ANDERSON	10,598	ESTILL	17,761	LAUREL	44,633	OLDHAM	18,841
BALLARD	11,865	FAYETTE	147,503	LAWRENCE	33,576	OWEN	9,813
BARREN	44,541	FLEMING	13,624	LEE	18,826	OWSLEY	16,229
BATH	10,083	FLOYD	140,762	LESLIE	5,184	PENDLETON	14,486
BELL	68,421	FRANKLIN	32,867	LETCHER	12,611	PERRY	34,303
BOONE	91,203	FULTON	11,289	LEWIS	13,094	PIKE	61,806
BOURBON	12,559	GALLATIN	7,816	LINCOLN	32,091	POWELL	11,822
BOYD	33,853	GARRARD	15,994	LIVINGSTON	17,347	PULASKI	55,200
BOYLE	32,061	GRANT	24,161	LOGAN	16,812	ROBERTSON	1,755
BRACKEN	14,891	GRAVES	48,999	LYON	8,969	ROCKCASTLE	24,445
BREATHITT	25,801	GRAYSON	66,881	MADISON	51,985	ROWAN	24,290
BRECKINRIDGE	15,171	GREEN	17,526	MAGOFFIN	43,733	RUSSELL	9,900
BULLITT	35,228	GREENUP	38,257	MARION	20,740	SCOTT	40,208
BUTLER	12,678	HANCOCK	5,408	MARSHALL	55,213	SHELBY	21,414
CALDWELL	17,647	HARDIN	51,962	MARTIN	36,851	SIMPSON	13,505
CALLOWAY	47,266	HARLAN	20,981	MASON	14,855	SPENCER	11,710
CAMPBELL	69,519	HARRISON	31,415	MCCRACKEN	100,670	TAYLOR	53,039
CARLISLE	8,437	HART	17,238	MCCREARY	13,946	TODD	10,121
CARROLL	9,623	HENDERSON	69,058	MCLEAN	9,796	TRIGG	14,178
CARTER	29,824	HENRY	6,700	MEADE	8,199	TRIMBLE	2,977
CASEY	18,807	HICKMAN	4,480	MENIFEE	7,673	UNION	17,340
CHRISTIAN	43,197	HOPKINS	45,793	MERCER	22,757	WARREN	92,320
CLARK	26,360	JACKSON	12,709	METCALFE	19,361	WASHINGTON	8,648
CLAY	34,517	JEFFERSON	404,899	MONROE	8,038	WAYNE	17,567
CLINTON	20,391	JESSAMINE	30,202	MONTGOMERY	25,650	WEBSTER	16,509
CRITTENDEN	15,672	JOHNSON	107,338	MORGAN	10,008	WHITLEY	56,024
CUMBERLAND	8,390	KENTON	108,954	MUHLENBERG	39,475	WOLFE	11,946
DAVISS	47,594	KNOTT	23,527	NELSON	30,850	WOODFORD	13,939
						TOTAL	3,930,666

Per 1000 Diazepam Usage Q2 2017

Actual Number of Diazepam Doses per 1,000 Residents for Quarter 2, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	1,564	EDMONSON	1,314	KNOX	1,336	NICHOLAS	781
ALLEN	853	ELLIOTT	1,011	LARUE	2,368	OHIO	1,319
ANDERSON	486	ESTILL	1,226	LAUREL	749	OLDHAM	302
BALLARD	1,424	FAYETTE	478	LAWRENCE	2,118	OWEN	920
BARREN	1,035	FLEMING	939	LEE	2,593	OWSLEY	3,487
BATH	843	FLOYD	3,635	LESLIE	470	PENDLETON	994
BELL	2,454	FRANKLIN	662	LETCHER	534	PERRY	1,225
BOONE	733	FULTON	1,768	LEWIS	948	PIKE	975
BOURBON	628	GALLATIN	922	LINCOLN	1,317	POWELL	946
BOYD	692	GARRARD	946	LIVINGSTON	1,854	PULASKI	864
BOYLE	1,105	GRANT	976	LOGAN	626	ROBERTSON	785
BRACKEN	1,769	GRAVES	1,308	LYON	1,061	ROCKCASTLE	1,464
BREATHITT	1,905	GRAYSON	2,573	MADISON	1,540	ROWAN	1,032
BRECKINRIDGE	757	GREEN	1,568	MAGOFFIN	775	RUSSELL	558
BULLITT	458	GREENUP	1,048	MARION	1,032	SCOTT	805
BUTLER	991	HANCOCK	623	MARSHALL	607	SHELBY	484
CALDWELL	1,376	HARDIN	480	MARTIN	3,377	SIMPSON	759
CALLOWAY	1,255	HARLAN	736	MASON	1,035	SPENCER	664
CAMPBELL	764	HARRISON	1,696	MCCRACKEN	1,775	TAYLOR	2,152
CARLISLE	1,687	HART	928	MCCREARY	2,914	TODD	809
CARROLL	879	HENDERSON	1,490	MCLEAN	860	TRIGG	992
CARTER	1,096	HENRY	434	MEADE	281	TRIMBLE	338
CASEY	1,171	HICKMAN	944	MENIFEE	1,220	UNION	1,154
CHRISTIAN	582	HOPKINS	982	MERCER	1,066	WARREN	780
CLARK	740	JACKSON	947	METCALFE	1,939	WASHINGTON	728
CLAY	1,616	JEFFERSON	535	MONROE	753	WAYNE	850
CLINTON	2,010	JESSAMINE	602	MONTGOMERY	941	WEBSTER	1,227
CRITTENDEN	1,693	JOHNSON	4,578	MORGAN	748	WHITLEY	1,566
CUMBERLAND	1,236	KENTON	668	MUHLENBERG	1,266	WOLFE	1,648
DAVISS	485	KNOTT	1,473	NELSON	693	WOODFORD	551

Alprazolam Prescribing Q2 2017



Alprazolam Prescribing Q2 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Alprazolam Doses for Quarter 2, 2017
400	327,360
401	131,333
402	2,185,900
403	571,426
404	321,604
405	960,542
406	75,674
407	308,880
408	49,136
409	272,518
410	794,647
411	256,332
412	108,005
413	107,274
414	57,449
415	75,156
416	151,282
417	185,662
418	44,560
420	905,979
421	365,066
422	235,773
423	232,949
424	330,487
425	329,986
426	113,000
427	320,842
Totals	9,818,822

Alprazolam Usage

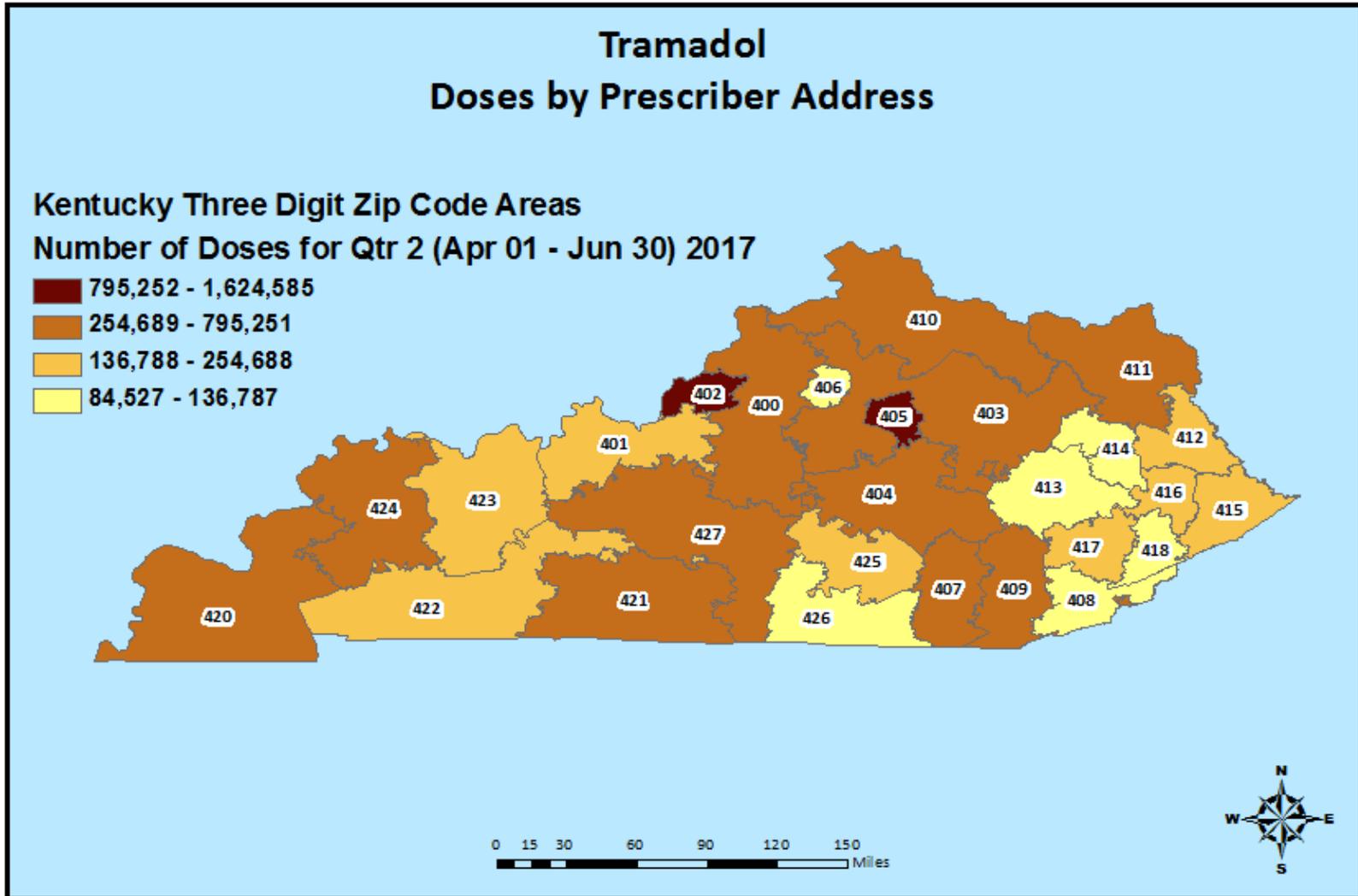
Q2 2017

Actual Number of Alprazolam Doses for Quarter 2, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	44,074	EDMONSON	20,933	KNOX	107,582	NICHOLAS	18,856
ALLEN	44,195	ELLIOTT	22,043	LARUE	30,612	OHIO	68,874
ANDERSON	45,760	ESTILL	45,841	LAUREL	141,994	OLDHAM	101,117
BALLARD	22,619	FAYETTE	511,734	LAWRENCE	31,605	OWEN	16,029
BARREN	79,959	FLEMING	58,163	LEE	30,564	OWSLEY	13,245
BATH	31,774	FLOYD	122,584	LESLIE	23,970	PENDLETON	21,714
BELL	176,255	FRANKLIN	104,237	LETCHER	34,737	PERRY	143,531
BOONE	179,008	FULTON	17,247	LEWIS	36,132	PIKE	117,065
BOURBON	44,922	GALLATIN	12,610	LINCOLN	79,977	POWELL	75,567
BOYD	72,449	GARRARD	37,996	LIVINGSTON	44,673	PULASKI	247,919
BOYLE	77,447	GRANT	29,433	LOGAN	54,088	ROBERTSON	7,866
BRACKEN	27,924	GRAVES	172,760	LYON	42,172	ROCKCASTLE	33,800
BREATHITT	57,929	GRAYSON	71,547	MADISON	133,422	ROWAN	44,927
BRECKINRIDGE	67,187	GREEN	15,847	MAGOFFIN	58,592	RUSSELL	14,791
BULLITT	182,530	GREENUP	116,572	MARION	56,936	SCOTT	84,999
BUTLER	21,236	HANCOCK	17,048	MARSHALL	123,989	SHELBY	82,217
CALDWELL	45,321	HARDIN	138,655	MARTIN	37,769	SIMPSON	33,267
CALLOWAY	147,513	HARLAN	83,126	MASON	55,932	SPENCER	36,508
CAMPBELL	154,031	HARRISON	52,312	MCCRACKEN	249,443	TAYLOR	72,357
CARLISLE	15,367	HART	29,863	MCCREARY	42,326	TODD	29,332
CARROLL	31,514	HENDERSON	159,362	MCLEAN	30,291	TRIGG	41,013
CARTER	63,005	HENRY	32,851	MEADE	40,437	TRIMBLE	16,700
CASEY	55,902	HICKMAN	8,728	MENIFEE	17,174	UNION	45,023
CHRISTIAN	139,764	HOPKINS	109,063	MERCER	39,599	WARREN	144,320
CLARK	82,316	JACKSON	23,556	METCALFE	23,662	WASHINGTON	20,046
CLAY	81,944	JEFFERSON	1,899,766	MONROE	23,231	WAYNE	67,280
CLINTON	45,546	JESSAMINE	90,020	MONTGOMERY	97,103	WEBSTER	45,095
CRITTENDEN	30,237	JOHNSON	66,687	MORGAN	46,207	WHITLEY	160,678
CUMBERLAND	25,063	KENTON	210,899	MUHLENBERG	128,885	WOLFE	26,964
DAVISS	188,302	KNOTT	64,309	NELSON	92,829	WOODFORD	45,527
						TOTAL	10,459,445

Per 1000 Alprazolam Usage Q2 2017

Actual Number of Alprazolam Doses per 1,000 Residents for Quarter 2, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	2,353	EDMONSON	1,735	KNOX	3,384	NICHOLAS	2,679
ALLEN	2,176	ELLIOTT	2,886	LARUE	2,177	OHIO	2,871
ANDERSON	2,098	ESTILL	3,164	LAUREL	2,384	OLDHAM	1,621
BALLARD	2,715	FAYETTE	1,659	LAWRENCE	1,993	OWEN	1,503
BARREN	1,858	FLEMING	4,009	LEE	4,210	OWSLEY	2,846
BATH	2,656	FLOYD	3,165	LESLIE	2,175	PENDLETON	1,490
BELL	6,321	FRANKLIN	2,100	LETCHER	1,471	PERRY	5,124
BOONE	1,438	FULTON	2,701	LEWIS	2,617	PIKE	1,847
BOURBON	2,246	GALLATIN	1,488	LINCOLN	3,282	POWELL	6,048
BOYD	1,482	GARRARD	2,246	LIVINGSTON	4,773	PULASKI	3,879
BOYLE	2,669	GRANT	1,189	LOGAN	2,013	ROBERTSON	3,519
BRACKEN	3,318	GRAVES	4,613	LYON	4,990	ROCKCASTLE	2,025
BREATHITT	4,277	GRAYSON	2,752	MADISON	3,816	ROWAN	1,910
BRECKINRIDGE	3,353	GREEN	1,417	MAGOFFIN	2,353	RUSSELL	833
BULLITT	2,375	GREENUP	3,192	MARION	3,190	SCOTT	1,702
BUTLER	1,660	HANCOCK	1,962	MARSHALL	1,559	SHELBY	1,859
CALDWELL	3,534	HARDIN	1,282	MARTIN	4,524	SIMPSON	1,870
CALLOWAY	3,917	HARLAN	2,917	MASON	2,840	SPENCER	2,070
CAMPBELL	1,693	HARRISON	2,825	MCCRACKEN	3,986	TAYLOR	2,935
CARLISLE	3,073	HART	1,608	MCCREARY	2,986	TODD	2,346
CARROLL	2,877	HENDERSON	3,438	MCLEAN	3,237	TRIGG	2,869
CARTER	2,316	HENRY	2,127	MEADE	1,384	TRIMBLE	1,894
CASEY	3,479	HICKMAN	1,839	MENIFEE	2,731	UNION	2,996
CHRISTIAN	1,884	HOPKINS	2,339	MERCER	1,855	WARREN	1,219
CLARK	2,311	JACKSON	1,754	METCALFE	2,370	WASHINGTON	1,688
CLAY	3,836	JEFFERSON	2,510	MONROE	2,175	WAYNE	3,254
CLINTON	4,489	JESSAMINE	1,794	MONTGOMERY	3,563	WEBSTER	3,352
CRITTENDEN	3,267	JOHNSON	2,844	MORGAN	3,453	WHITLEY	4,492
CUMBERLAND	3,692	KENTON	1,293	MUHLENBERG	4,134	WOLFE	3,720
DAVISS	1,917	KNOTT	4,025	NELSON	2,084	WOODFORD	1,801

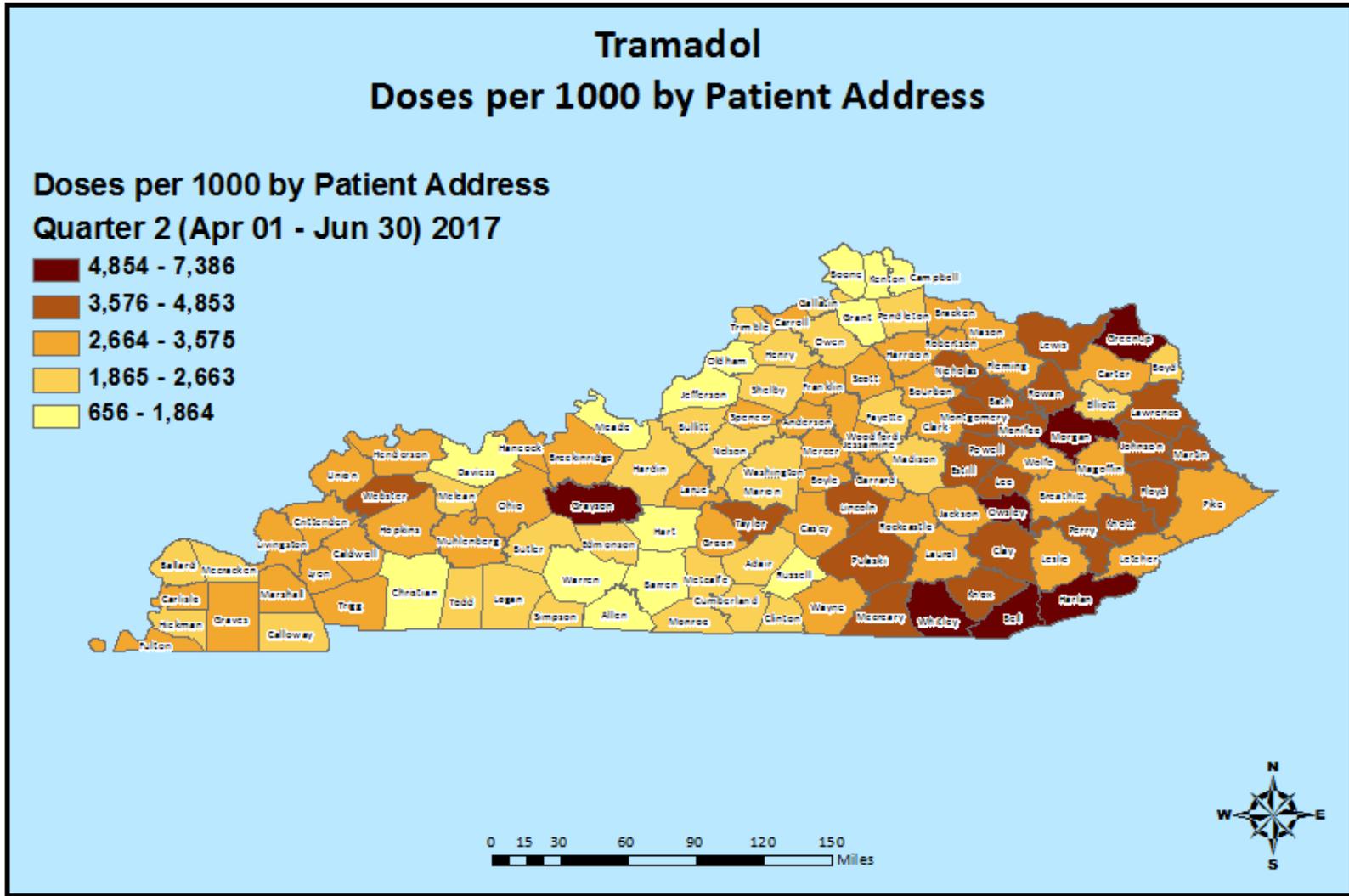
Tramadol Prescribing Q2 2017



Tramadol Prescribing Q2 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Tramadol Doses for Quarter 2, 2017
400	358,431
401	179,268
402	1,624,585
403	721,643
404	480,756
405	1,438,755
406	104,071
407	356,872
408	123,812
409	399,595
410	795,251
411	399,116
412	188,875
413	100,889
414	84,527
415	197,432
416	191,279
417	185,139
418	96,310
420	605,184
421	420,982
422	175,560
423	186,364
424	356,866
425	254,688
426	136,787
427	513,053
Totals	10,676,090

Tramadol Usage Q2 2017



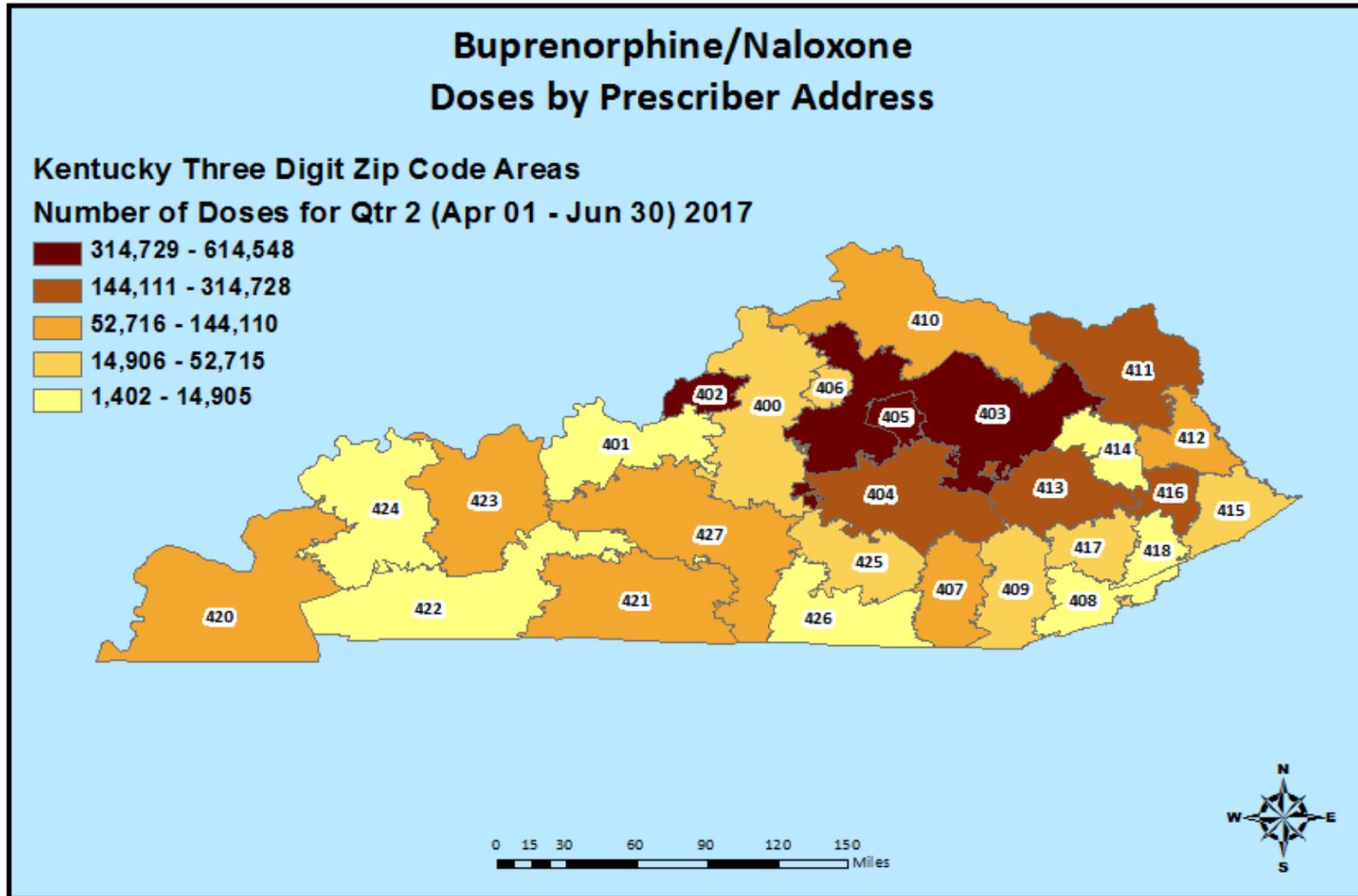
Tramadol Usage Q2 2017

Actual Number of Tramadol Doses for Quarter 2, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	43,448	EDMONSON	31,707	KNOX	136,372	NICHOLAS	28,388
ALLEN	36,765	ELLIOTT	15,558	LARUE	43,769	OHIO	82,119
ANDERSON	67,132	ESTILL	67,899	LAUREL	202,499	OLDHAM	94,464
BALLARD	16,999	FAYETTE	640,065	LAWRENCE	58,583	OWEN	26,714
BARREN	74,545	FLEMING	50,663	LEE	28,970	OWSLEY	25,996
BATH	47,816	FLOYD	187,959	LESLIE	35,084	PENDLETON	29,032
BELL	205,957	FRANKLIN	140,921	LETCHER	78,573	PERRY	110,307
BOONE	211,061	FULTON	18,186	LEWIS	58,076	PIKE	226,578
BOURBON	63,245	GALLATIN	18,385	LINCOLN	91,577	POWELL	46,015
BOYD	101,385	GARRARD	49,636	LIVINGSTON	31,072	PULASKI	236,818
BOYLE	90,168	GRANT	36,324	LOGAN	53,166	ROBERTSON	6,199
BRACKEN	23,207	GRAVES	106,064	LYON	25,623	ROCKCASTLE	57,090
BREATHITT	43,084	GRAYSON	142,499	MADISON	259,954	ROWAN	90,199
BRECKINRIDGE	59,390	GREEN	39,619	MAGOFFIN	58,420	RUSSELL	11,644
BULLITT	154,147	GREENUP	193,789	MARION	55,553	SCOTT	141,660
BUTLER	27,267	HANCOCK	24,126	MARSHALL	81,864	SHELBY	100,013
CALDWELL	43,401	HARDIN	272,882	MARTIN	49,306	SIMPSON	34,754
CALLOWAY	86,004	HARLAN	172,968	MASON	42,416	SPENCER	47,719
CAMPBELL	133,205	HARRISON	62,148	MCCRACKEN	163,693	TAYLOR	92,274
CARLISLE	14,505	HART	33,533	MCCREARY	56,677	TODD	25,095
CARROLL	36,615	HENDERSON	162,767	MCLEAN	21,940	TRIGG	40,540
CARTER	97,221	HENRY	39,296	MEADE	54,438	TRIMBLE	22,856
CASEY	52,761	HICKMAN	9,997	MENIFEE	25,526	UNION	49,027
CHRISTIAN	88,768	HOPKINS	132,693	MERCER	75,529	WARREN	197,371
CLARK	104,183	JACKSON	38,894	METCALFE	23,873	WASHINGTON	26,748
CLAY	99,695	JEFFERSON	1,240,499	MONROE	21,297	WAYNE	73,156
CLINTON	27,018	JESSAMINE	143,102	MONTGOMERY	116,198	WEBSTER	56,294
CRITTENDEN	30,737	JOHNSON	100,137	MORGAN	80,892	WHITLEY	195,795
CUMBERLAND	14,341	KENTON	218,457	MUHLENBERG	95,918	WOLFE	23,127
DAVISS	150,290	KNOTT	76,809	NELSON	103,638	WOODFORD	80,503
						TOTAL	11,220,933

Per 1000 Tramadol Usage Q2 2017

Actual Number of Tramadol Doses per 1,000 Residents for Quarter 2, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	2,319	EDMONSON	2,629	KNOX	4,290	NICHOLAS	4,033
ALLEN	1,810	ELLIOTT	2,037	LARUE	3,112	OHIO	3,423
ANDERSON	3,078	ESTILL	4,687	LAUREL	3,400	OLDHAM	1,515
BALLARD	2,040	FAYETTE	2,075	LAWRENCE	3,695	OWEN	2,506
BARREN	1,733	FLEMING	3,492	LEE	3,990	OWSLEY	5,586
BATH	3,998	FLOYD	4,853	LESLIE	3,184	PENDLETON	1,993
BELL	7,386	FRANKLIN	2,838	LETCHER	3,327	PERRY	3,938
BOONE	1,696	FULTON	2,848	LEWIS	4,207	PIKE	3,575
BOURBON	3,163	GALLATIN	2,170	LINCOLN	3,758	POWELL	3,683
BOYD	2,074	GARRARD	2,934	LIVINGSTON	3,320	PULASKI	3,706
BOYLE	3,108	GRANT	1,467	LOGAN	1,978	ROBERTSON	2,774
BRACKEN	2,757	GRAVES	2,832	LYON	3,032	ROCKCASTLE	3,420
BREATHITT	3,181	GRAYSON	5,481	MADISON	2,504	ROWAN	3,834
BRECKINRIDGE	2,964	GREEN	3,544	MAGOFFIN	3,151	RUSSELL	656
BULLITT	2,006	GREENUP	5,307	MARION	2,310	SCOTT	2,836
BUTLER	2,131	HANCOCK	2,777	MARSHALL	3,037	SHELBY	2,262
CALDWELL	3,385	HARDIN	2,522	MARTIN	4,511	SIMPSON	1,953
CALLOWAY	2,284	HARLAN	6,069	MASON	2,771	SPENCER	2,706
CAMPBELL	1,464	HARRISON	3,356	MCCRACKEN	2,632	TAYLOR	3,744
CARLISLE	2,900	HART	1,805	MCCREARY	3,899	TODD	2,007
CARROLL	3,343	HENDERSON	3,512	MCLEAN	2,455	TRIGG	2,836
CARTER	3,574	HENRY	2,544	MEADE	1,864	TRIMBLE	2,593
CASEY	3,284	HICKMAN	2,107	MENIFEE	4,059	UNION	3,262
CHRISTIAN	1,197	HOPKINS	2,845	MERCER	3,538	WARREN	1,667
CLARK	2,925	JACKSON	2,897	METCALFE	2,391	WASHINGTON	2,252
CLAY	4,666	JEFFERSON	1,639	MONROE	1,994	WAYNE	3,538
CLINTON	2,663	JESSAMINE	2,852	MONTGOMERY	4,264	WEBSTER	4,185
CRITTENDEN	3,321	JOHNSON	4,270	MORGAN	6,046	WHITLEY	5,474
CUMBERLAND	2,112	KENTON	1,339	MUHLENBERG	3,076	WOLFE	3,191
DAVISS	1,530	KNOTT	4,808	NELSON	2,327	WOODFORD	3,185

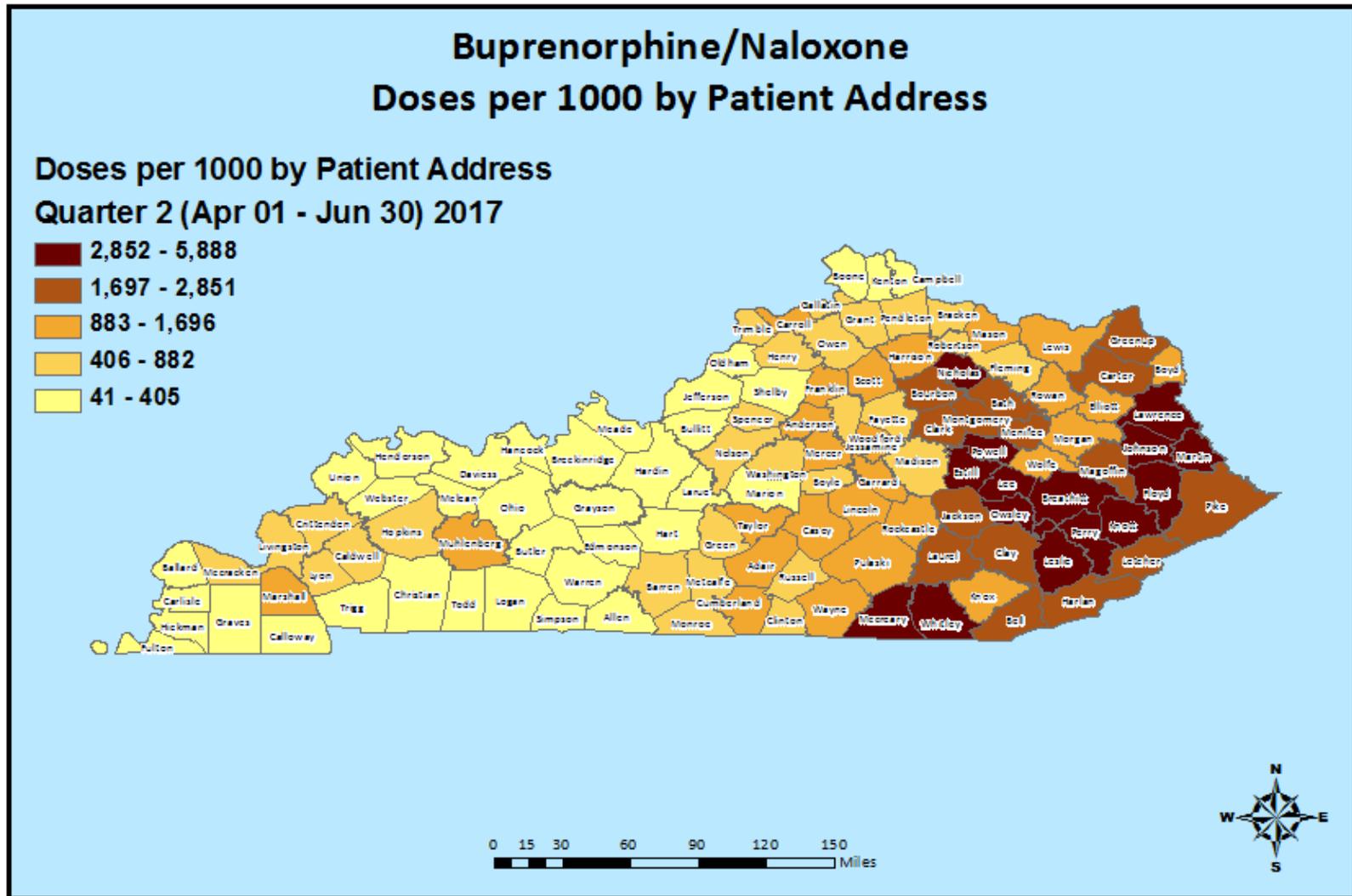
Buprenorphine/Naloxone Prescribing Q2 2017



Buprenorphine/Naloxone Prescribing Q2 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Buprenorphine/Naloxone Doses for Quarter 2, 2017
400	35,550
401	4,349
402	372,885
403	354,210
404	225,742
405	614,548
406	52,715
407	144,110
408	6,402
409	25,584
410	102,282
411	220,081
412	105,657
413	314,728
414	14,905
415	43,841
416	191,646
417	40,008
418	1,922
420	90,842
421	79,983
422	11,484
423	90,017
424	3,328
425	41,548
426	1,402
427	107,854
Totals	3,297,623

Buprenorphine/Naloxone Usage Q2 2017



Buprenorphine/Naloxone Usage

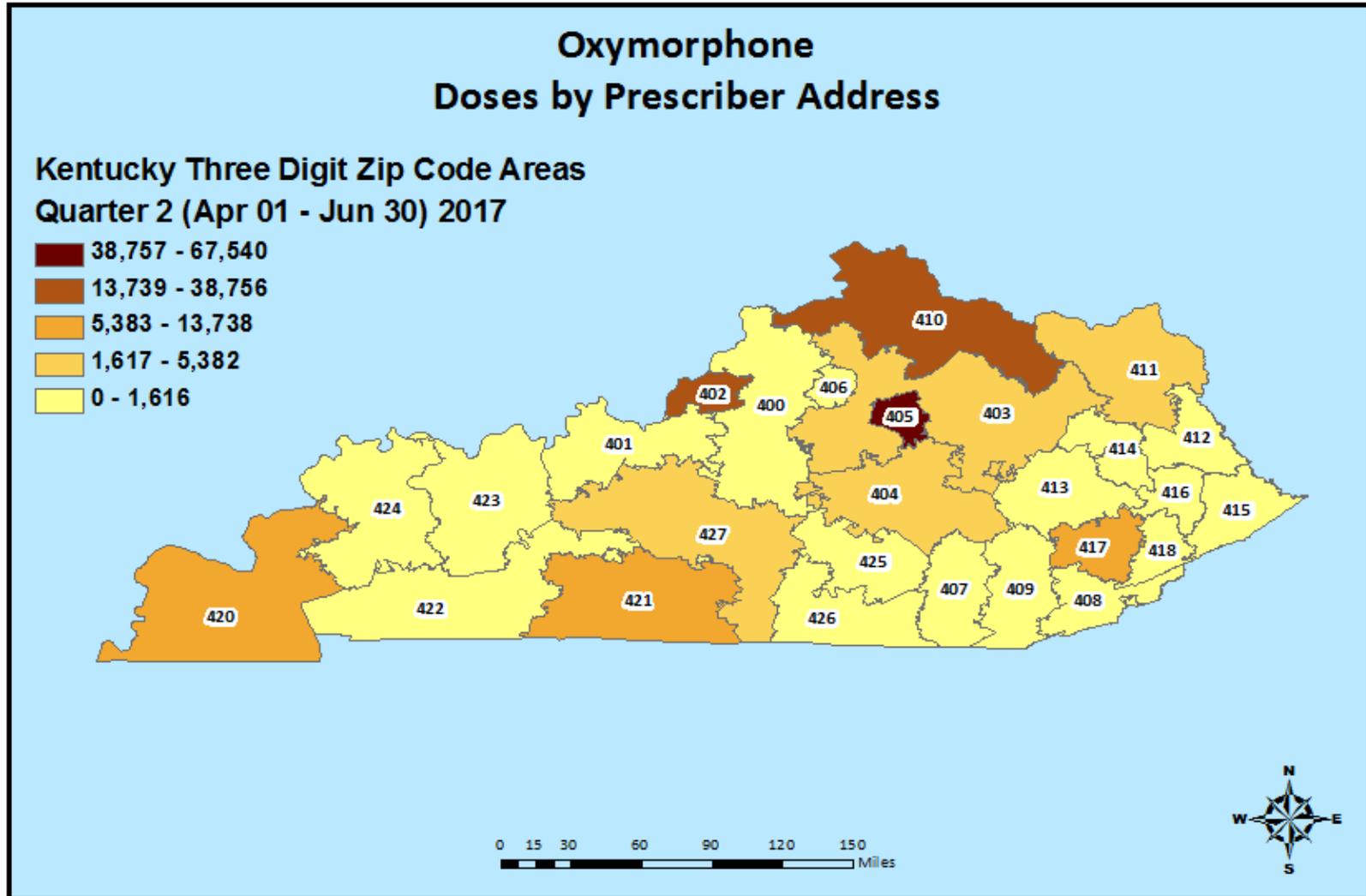
Q2 2017

Actual Number of Buprenorphine/Naloxone Doses for Quarter 2, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	24,660	EDMONSON	3,113	KNOX	50,376	NICHOLAS	21,107
ALLEN	6,579	ELLIOTT	12,485	LARUE	3,022	OHIO	9,175
ANDERSON	20,907	ESTILL	44,693	LAUREL	104,665	OLDHAM	14,744
BALLARD	3,167	FAYETTE	184,849	LAWRENCE	47,715	OWEN	6,133
BARREN	30,564	FLEMING	10,856	LEE	26,348	OWSLEY	25,036
BATH	30,937	FLOYD	163,326	LESLIE	33,640	PENDLETON	6,769
BELL	58,826	FRANKLIN	52,021	LETCHER	61,388	PERRY	122,031
BOONE	34,864	FULTON	2,549	LEWIS	18,176	PIKE	146,825
BOURBON	45,382	GALLATIN	5,057	LINCOLN	28,302	POWELL	42,098
BOYD	56,129	GARRARD	17,415	LIVINGSTON	4,947	PULASKI	79,568
BOYLE	25,591	GRANT	12,788	LOGAN	6,905	ROBERTSON	1,533
BRACKEN	4,823	GRAVES	15,164	LYON	4,264	ROCKCASTLE	25,551
BREATHITT	52,584	GRAYSON	6,286	MADISON	123,679	ROWAN	31,199
BRECKINRIDGE	3,497	GREEN	8,420	MAGOFFIN	76,245	RUSSELL	9,354
BULLITT	28,411	GREENUP	64,843	MARION	19,842	SCOTT	55,717
BUTLER	3,450	HANCOCK	859	MARSHALL	21,111	SHELBY	16,533
CALDWELL	8,127	HARDIN	16,314	MARTIN	42,664	SIMPSON	4,575
CALLOWAY	9,345	HARLAN	60,184	MASON	5,448	SPENCER	9,574
CAMPBELL	33,763	HARRISON	23,081	MCCRACKEN	37,471	TAYLOR	26,402
CARLISLE	2,023	HART	6,633	MCCREARY	34,518	TODD	1,870
CARROLL	10,570	HENDERSON	6,063	MCLEAN	2,900	TRIGG	3,871
CARTER	56,095	HENRY	8,562	MEADE	5,659	TRIMBLE	4,950
CASEY	16,680	HICKMAN	914	MENIFEE	15,900	UNION	612
CHRISTIAN	15,639	HOPKINS	30,178	MERCER	24,846	WARREN	33,325
CLARK	70,322	JACKSON	24,995	METCALFE	6,218	WASHINGTON	8,262
CLAY	60,907	JEFFERSON	246,024	MONROE	6,408	WAYNE	24,891
CLINTON	7,010	JESSAMINE	68,228	MONTGOMERY	67,260	WEBSTER	4,564
CRITTENDEN	6,636	JOHNSON	70,379	MORGAN	22,693	WHITLEY	112,306
CUMBERLAND	8,345	KENTON	53,297	MUHLENBERG	37,801	WOLFE	12,237
DAVISS	11,920	KNOTT	52,837	NELSON	22,621	WOODFORD	17,860
						TOTAL	3,861,870

Per 1000 Buprenorphine/Naloxone Usage Q2 2017

Actual Number of Buprenorphine/Naloxone Doses per 1,000 Residents for Quarter 2, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	1,316	EDMONSON	258	KNOX	1,585	NICHOLAS	2,999
ALLEN	324	ELLIOTT	1,635	LARUE	215	OHIO	382
ANDERSON	959	ESTILL	3,085	LAUREL	1,757	OLDHAM	236
BALLARD	380	FAYETTE	599	LAWRENCE	3,009	OWEN	575
BARREN	710	FLEMING	748	LEE	3,629	OWSLEY	5,379
BATH	2,586	FLOYD	4,217	LESLIE	3,053	PENDLETON	465
BELL	2,110	FRANKLIN	1,048	LETCHER	2,599	PERRY	4,357
BOONE	280	FULTON	399	LEWIS	1,317	PIKE	2,317
BOURBON	2,269	GALLATIN	597	LINCOLN	1,161	POWELL	3,369
BOYD	1,148	GARRARD	1,030	LIVINGSTON	529	PULASKI	1,245
BOYLE	882	GRANT	517	LOGAN	257	ROBERTSON	686
BRACKEN	573	GRAVES	405	LYON	505	ROCKCASTLE	1,531
BREATHITT	3,882	GRAYSON	242	MADISON	573	ROWAN	1,326
BRECKINRIDGE	175	GREEN	753	MAGOFFIN	1,919	RUSSELL	527
BULLITT	370	GREENUP	1,776	MARION	305	SCOTT	1,116
BUTLER	270	HANCOCK	99	MARSHALL	1,445	SHELBY	374
CALDWELL	634	HARDIN	151	MARTIN	5,888	SIMPSON	257
CALLOWAY	248	HARLAN	2,112	MASON	990	SPENCER	543
CAMPBELL	371	HARRISON	1,246	MCCRACKEN	679	TAYLOR	1,071
CARLISLE	405	HART	357	MCCREARY	3,373	TODD	150
CARROLL	965	HENDERSON	131	MCLEAN	315	TRIGG	271
CARTER	2,062	HENRY	554	MEADE	194	TRIMBLE	561
CASEY	1,038	HICKMAN	193	MENIFEE	2,529	UNION	41
CHRISTIAN	211	HOPKINS	647	MERCER	1,164	WARREN	282
CLARK	1,975	JACKSON	1,862	METCALFE	623	WASHINGTON	696
CLAY	2,851	JEFFERSON	325	MONROE	600	WAYNE	1,204
CLINTON	691	JESSAMINE	1,360	MONTGOMERY	2,468	WEBSTER	339
CRITTENDEN	717	JOHNSON	3,001	MORGAN	1,696	WHITLEY	3,140
CUMBERLAND	1,229	KENTON	327	MUHLENBERG	1,212	WOLFE	1,688
DAVISS	121	KNOTT	3,307	NELSON	508	WOODFORD	707

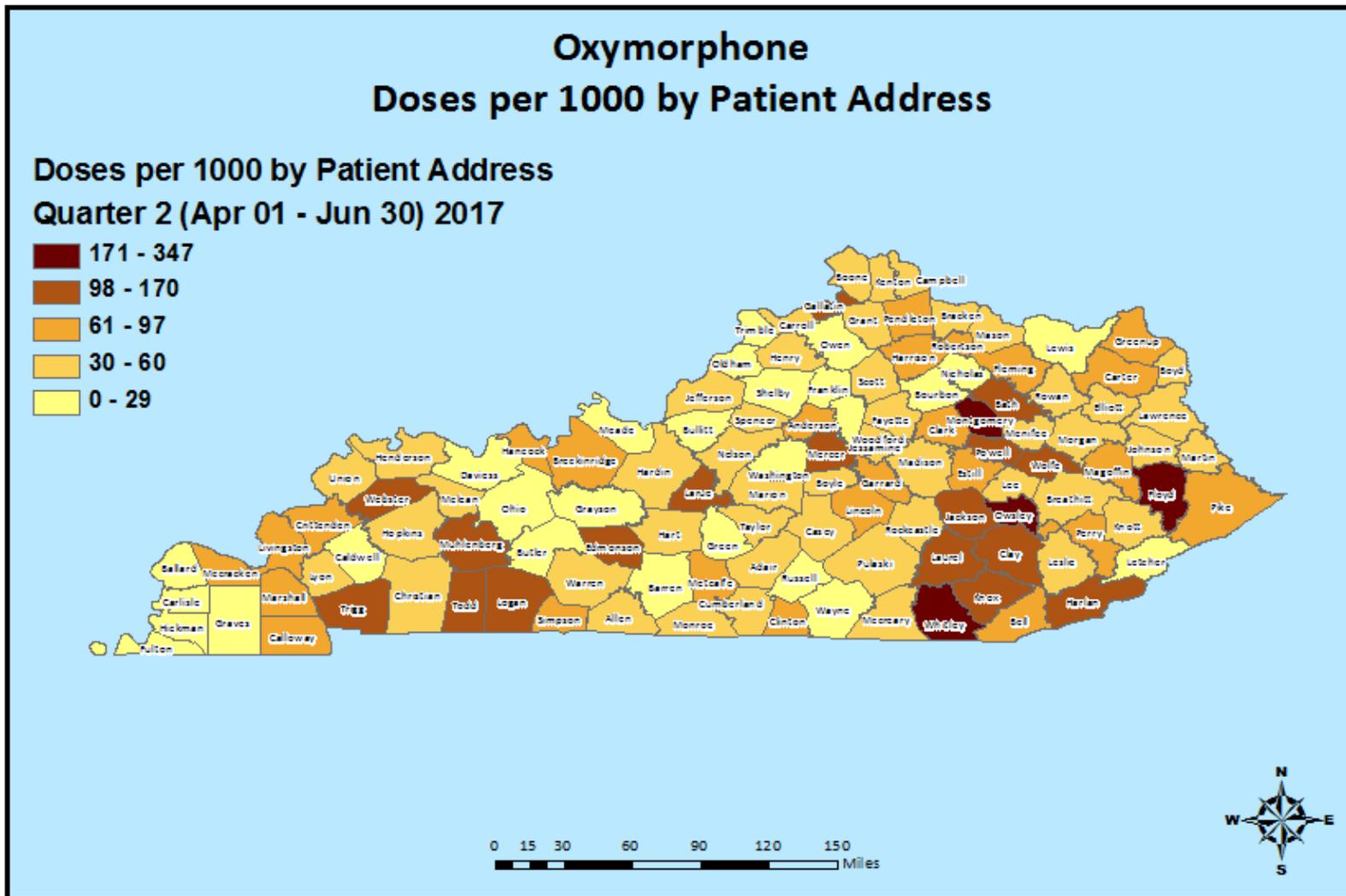
Oxymorphone Prescribing Q2 2017



Oxymorphone Prescribing Q2 2017

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Oxymorphone Doses for Quarter 2, 2017
400	1,616
401	180
402	38,756
403	2,922
404	3,109
405	67,540
406	810
407	330
408	708
409	1,140
410	21,003
411	4,221
412	180
413	518
414	0
415	0
416	642
417	8,036
418	0
420	12,279
421	13,738
422	1,088
423	554
424	1,094
425	570
426	0
427	5,382
Totals	186,416

Oxymorphone Usage Q2 2017



Oxymorphone Usage

Q2 2017

Actual Number of Oxymorphone Doses for Quarter 2, 2017							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	930	EDMONSON	1,500	KNOX	5,414	NICHOLAS	120
ALLEN	1,046	ELLIOTT	360	LARUE	1,860	OHIO	180
ANDERSON	1,500	ESTILL	1,350	LAUREL	6,282	OLDHAM	1,320
BALLARD	0	FAYETTE	10,595	LAWRENCE	600	OWEN	180
BARREN	1,180	FLEMING	1,074	LEE	420	OWSLEY	1,318
BATH	1,898	FLOYD	8,112	LESLIE	480	PENDLETON	988
BELL	1,746	FRANKLIN	1,450	LETCHER	420	PERRY	2,168
BOONE	6,904	FULTON	0	LEWIS	0	PIKE	5,548
BOURBON	120	GALLATIN	872	LINCOLN	1,634	POWELL	1,572
BOYD	1,674	GARRARD	1,170	LIVINGSTON	780	PULASKI	2,940
BOYLE	1,590	GRANT	1,076	LOGAN	4,088	ROBERTSON	180
BRACKEN	348	GRAVES	1,080	LYON	360	ROCKCASTLE	810
BREATHITT	600	GRAYSON	390	MADISON	5,170	ROWAN	1,366
BRECKINRIDGE	1,350	GREEN	180	MAGOFFIN	600	RUSSELL	112
BULLITT	2,040	GREENUP	2,470	MARION	810	SCOTT	2,475
BUTLER	120	HANCOCK	528	MARSHALL	3,030	SHELBY	896
CALDWELL	300	HARDIN	5,664	MARTIN	652	SIMPSON	1,136
CALLOWAY	3,531	HARLAN	2,950	MASON	780	SPENCER	840
CAMPBELL	4,399	HARRISON	1,308	MCCRACKEN	3,194	TAYLOR	1,440
CARLISLE	0	HART	1,050	MCCREARY	1,598	TODD	1,470
CARROLL	420	HENDERSON	2,234	MCLEAN	554	TRIGG	2,232
CARTER	1,680	HENRY	510	MEADE	528	TRIMBLE	0
CASEY	840	HICKMAN	0	MENIFEE	270	UNION	480
CHRISTIAN	3,490	HOPKINS	1,612	MERCER	2,423	WARREN	6,174
CLARK	3,450	JACKSON	1,818	METCALFE	606	WASHINGTON	0
CLAY	3,500	JEFFERSON	26,465	MONROE	430	WAYNE	540
CLINTON	720	JESSAMINE	1,822	MONTGOMERY	5,508	WEBSTER	1,650
CRITTENDEN	570	JOHNSON	1,260	MORGAN	630	WHITLEY	12,416
CUMBERLAND	404	KENTON	7,068	MUHLENBERG	3,308	WOLFE	768
DAVISS	2,478	KNOTT	580	NELSON	1,662	WOODFORD	270
						TOTAL	241,056

Per 1000 Oxymorphone Usage Q2 2017

Actual Number of Oxymorphone Doses per 1,000 Residents for Quarter 2, 2017							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	50	EDMONSON	124	KNOX	170	NICHOLAS	17
ALLEN	51	ELLIOTT	47	LARUE	132	OHIO	8
ANDERSON	69	ESTILL	93	LAUREL	105	OLDHAM	21
BALLARD	0	FAYETTE	34	LAWRENCE	38	OWEN	17
BARREN	27	FLEMING	74	LEE	58	OWSLEY	283
BATH	159	FLOYD	209	LESLIE	44	PENDLETON	68
BELL	63	FRANKLIN	29	LETCHER	18	PERRY	77
BOONE	55	FULTON	0	LEWIS	0	PIKE	88
BOURBON	6	GALLATIN	103	LINCOLN	67	POWELL	126
BOYD	34	GARRARD	69	LIVINGSTON	83	PULASKI	46
BOYLE	55	GRANT	43	LOGAN	152	ROBERTSON	81
BRACKEN	41	GRAVES	29	LYON	43	ROCKCASTLE	49
BREATHITT	44	GRAYSON	15	MADISON	49	ROWAN	58
BRECKINRIDGE	67	GREEN	16	MAGOFFIN	89	RUSSELL	6
BULLITT	27	GREENUP	68	MARION	58	SCOTT	50
BUTLER	9	HANCOCK	61	MARSHALL	60	SHELBY	20
CALDWELL	23	HARDIN	52	MARTIN	46	SIMPSON	64
CALLOWAY	94	HARLAN	104	MASON	40	SPENCER	48
CAMPBELL	48	HARRISON	71	MCCRACKEN	97	TAYLOR	58
CARLISLE	0	HART	57	MCCREARY	52	TODD	118
CARROLL	38	HENDERSON	48	MCLEAN	45	TRIGG	156
CARTER	62	HENRY	33	MEADE	18	TRIMBLE	0
CASEY	52	HICKMAN	0	MENIFEE	43	UNION	32
CHRISTIAN	47	HOPKINS	35	MERCER	113	WARREN	52
CLARK	97	JACKSON	135	METCALFE	61	WASHINGTON	0
CLAY	164	JEFFERSON	35	MONROE	40	WAYNE	26
CLINTON	71	JESSAMINE	36	MONTGOMERY	202	WEBSTER	123
CRITTENDEN	62	JOHNSON	54	MORGAN	47	WHITLEY	347
CUMBERLAND	60	KENTON	43	MUHLENBERG	106	WOLFE	106
DAVISS	25	KNOTT	36	NELSON	37	WOODFORD	11