

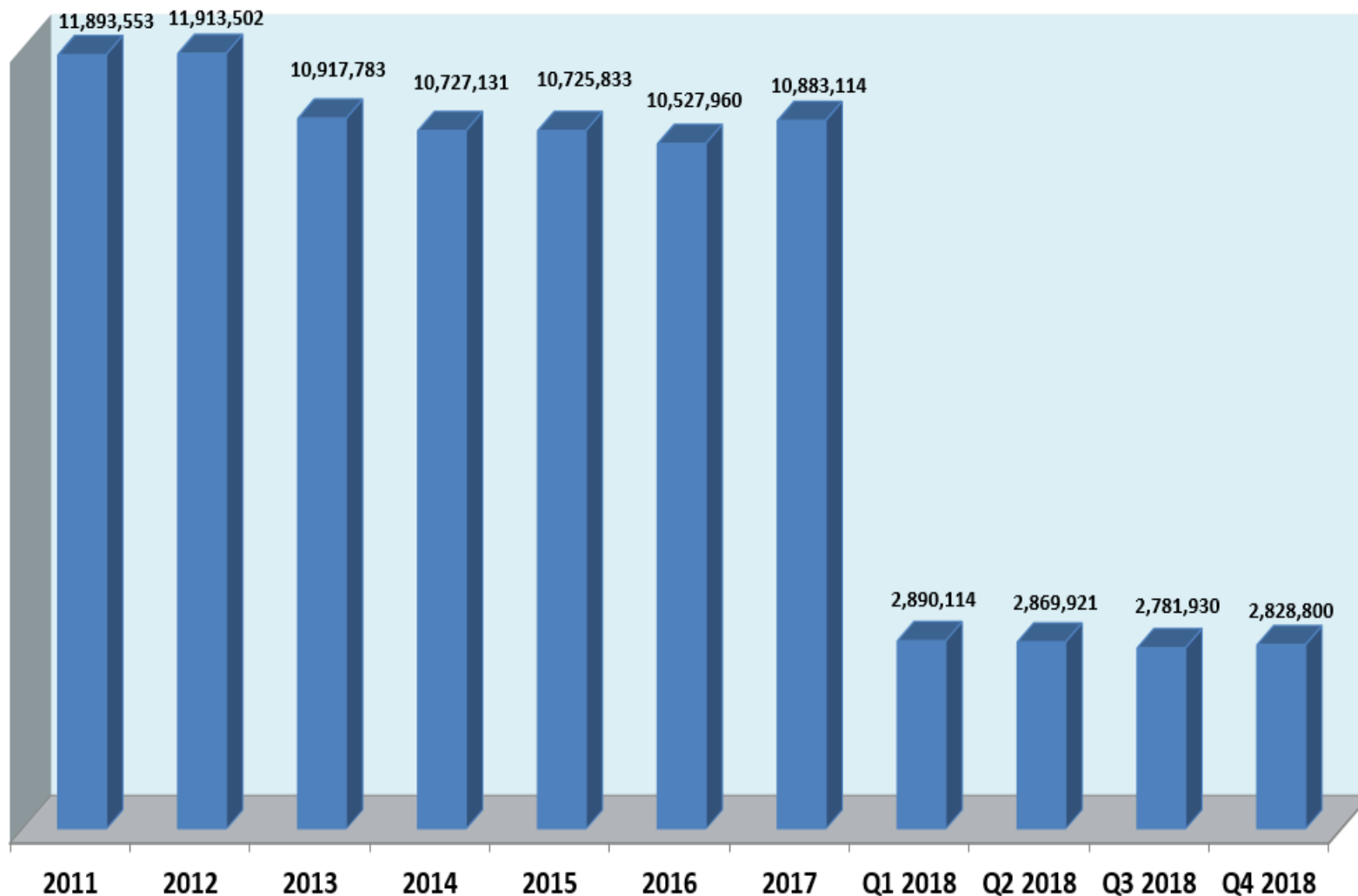
Kentucky All Schedule Prescription Electronic Reporting

Quarterly Trend Report 4th Quarter 2018

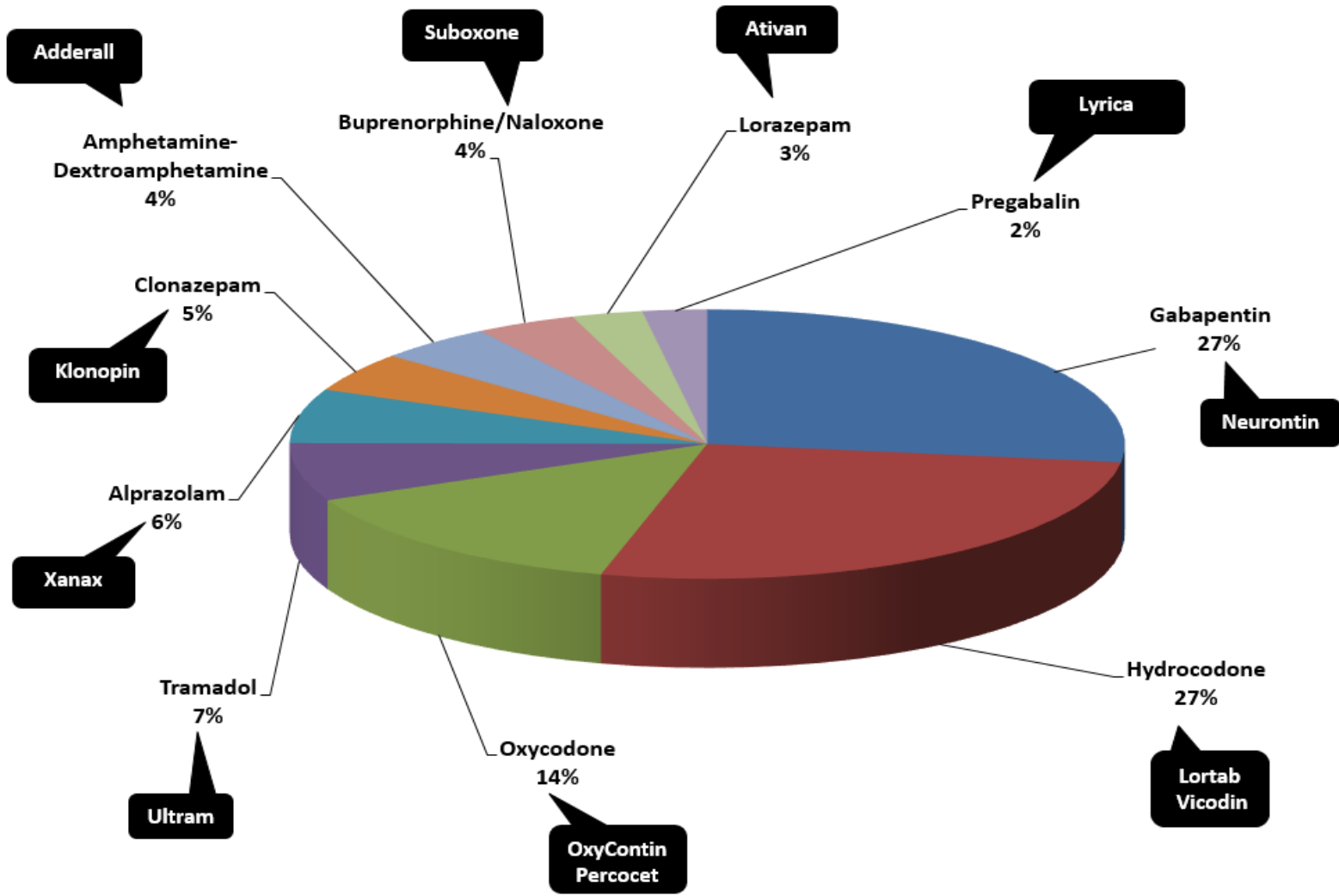
Cabinet for Health and Family Services
Office of Inspector General
275 E. Main Street
Frankfort, KY 40621



KASPER Records Added 2011 – Q4 2018



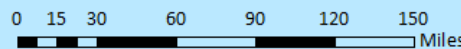
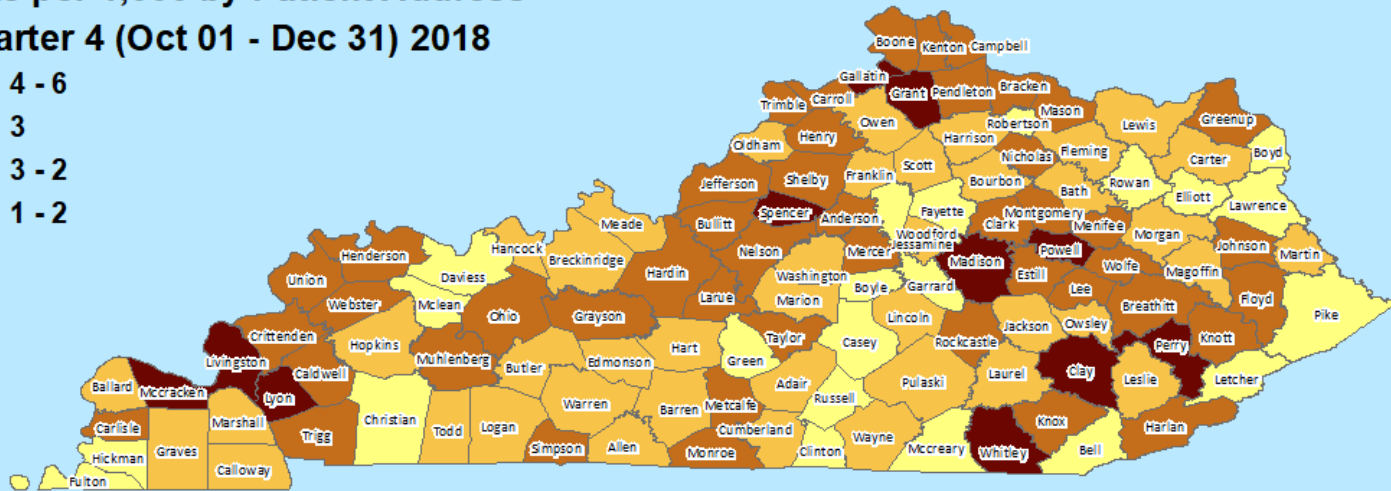
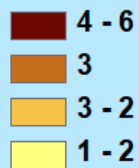
Top Prescribed Controlled Substances by Therapeutic Category by Doses – Q4 2018



Opioid Morphine Equivalent Dose (MED) Data Q4 2018

Rate of Patients Receiving Daily MED \geq 100 per 1,000 Residents by Patient Address Patient Ages 18 - 65 (Data Excludes Buprenorphine/Naloxone)

Rate per 1,000 by Patient Address
Quarter 4 (Oct 01 - Dec 31) 2018



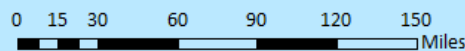
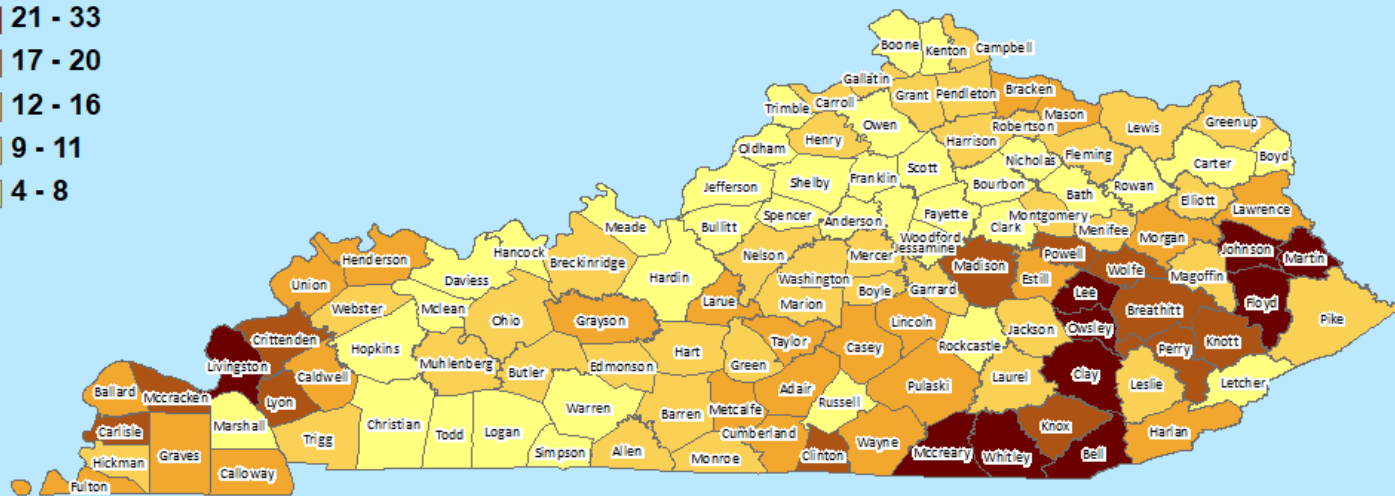
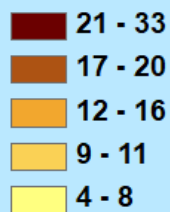
Opioid Morphine Equivalent Dose (MED) Data Q4 2018

Rate of Patients Receiving Daily Morphine Equivalent Dosage \geq 100 per 1,000 Residents for Quarter 4, 2018 Patient Ages 18 - 65 (Data Excludes Buprenorphine/Naloxone)							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	2	EDMONSON	2	KNOX	3	NICHOLAS	3
ALLEN	2	ELLIOTT	1	LARUE	3	OHIO	3
ANDERSON	2	ESTILL	3	LAUREL	2	OLDHAM	2
BALLARD	2	FAYETTE	1	LAWRENCE	1	OWEN	2
BARREN	2	FLEMING	2	LEE	3	OWSLEY	2
BATH	2	FLOYD	3	LESLIE	2	PENDLETON	3
BELL	1	FRANKLIN	2	LETCHER	1	PERRY	4
BOONE	3	FULTON	1	LEWIS	2	PIKE	1
BOURBON	2	GALLATIN	5	LINCOLN	2	POWELL	6
BOYD	1	GARRARD	1	LIVINGSTON	4	PULASKI	2
BOYLE	1	GRANT	4	LOGAN	2	ROBERTSON	1
BRACKEN	3	GRAVES	2	LYON	4	ROCKCASTLE	3
BREATHITT	3	GRAYSON	3	MADISON	4	ROWAN	1
BRECKINRIDGE	2	GREEN	1	MAGOFFIN	2	RUSSELL	1
BULLITT	3	GREENUP	3	MARION	2	SCOTT	2
BUTLER	2	HANCOCK	2	MARSHALL	2	SHELBY	3
CALDWELL	3	HARDIN	3	MARTIN	2	SIMPSON	3
CALLOWAY	2	HARLAN	3	MASON	3	SPENCER	4
CAMPBELL	3	HARRISON	2	MCCRACKEN	4	TAYLOR	2
CARLISLE	3	HART	2	MCCREARY	1	TODD	2
CARROLL	3	HENDERSON	3	MCLEAN	1	TRIGG	2
CARTER	2	HENRY	3	MEADE	2	TRIMBLE	3
CASEY	1	HICKMAN	1	MENIFEE	3	UNION	2
CHRISTIAN	1	HOPKINS	2	MERCER	3	WARREN	2
CLARK	2	JACKSON	2	METCALFE	3	WASHINGTON	2
CLAY	4	JEFFERSON	3	MONROE	3	WAYNE	2
CLINTON	1	JESSAMINE	2	MONTGOMERY	3	WEBSTER	3
CRITTENDEN	3	JOHNSON	3	MORGAN	2	WHITLEY	3
CUMBERLAND	2	KENTON	3	MUHLENBERG	3	WOLFE	3
DAVISS	1	KNOTT	2	NELSON	3	WOODFORD	2

Patients with Seven or More Days of Overlapping Opioid and Benzodiazepine Prescriptions Q4 2018

Opioid and Benzodiazepine 7-Day Overlap by Patient Address

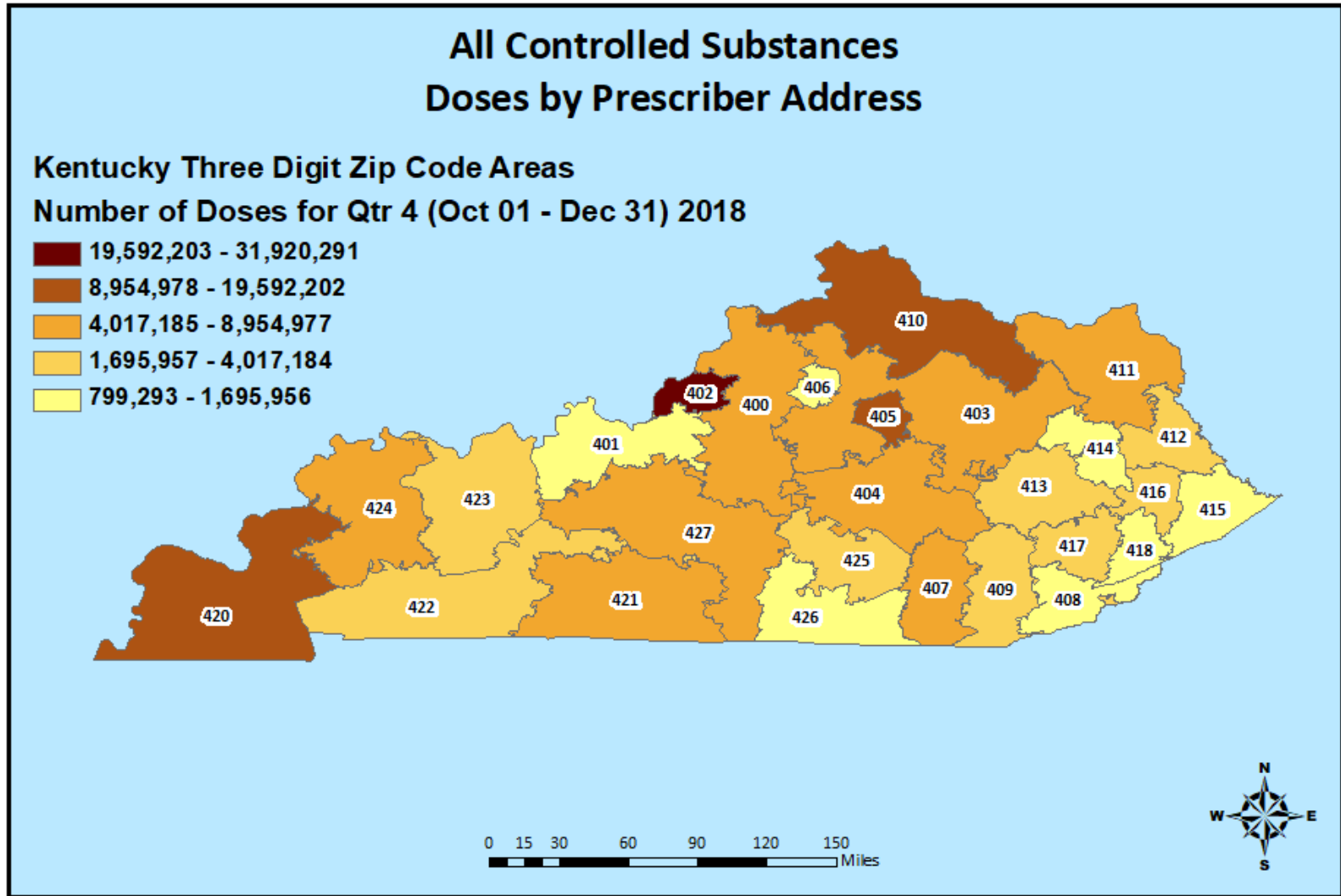
Rate per 1,000 of 7-Day Overlap by Patient Address
Quarter 4 (Oct 01 - Dec 31) 2018



Patients with Seven or More Days of Overlapping Opioid and Benzodiazepine Prescriptions Q4 2018

Rate of Patients With at Least a 7-Day Overlap of Opioids and Benzodiazepines per 1,000 for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	15	EDMONSON	9	KNOX	18	NICHOLAS	7
ALLEN	9	ELLIOTT	8	LARUE	15	OHIO	9
ANDERSON	7	ESTILL	14	LAUREL	10	OLDHAM	4
BALLARD	15	FAYETTE	4	LAWRENCE	14	OWEN	7
BARREN	10	FLEMING	10	LEE	25	OWSLEY	27
BATH	7	FLOYD	26	LESLIE	8	PENDLETON	9
BELL	33	FRANKLIN	7	LETCHER	7	PERRY	20
BOONE	6	FULTON	15	LEWIS	9	PIKE	8
BOURBON	6	GALLATIN	9	LINCOLN	12	POWELL	19
BOYD	5	GARRARD	8	LIVINGSTON	23	PULASKI	11
BOYLE	11	GRANT	8	LOGAN	7	ROBERTSON	9
BRACKEN	14	GRAVES	16	LYON	17	ROCKCASTLE	7
BREATHITT	20	GRAYSON	14	MADISON	17	ROWAN	6
BRECKINRIDGE	8	GREEN	9	MAGOFFIN	10	RUSSELL	5
BULLITT	7	GREENUP	11	MARION	10	SCOTT	6
BUTLER	8	HANCOCK	6	MARSHALL	6	SHELBY	7
CALDWELL	15	HARDIN	6	MARTIN	26	SIMPSON	5
CALLOWAY	14	HARLAN	14	MASON	12	SPENCER	7
CAMPBELL	8	HARRISON	11	MCCRACKEN	18	TAYLOR	14
CARLISLE	20	HART	8	MCCREARY	23	TODD	7
CARROLL	10	HENDERSON	13	MCLEAN	7	TRIGG	11
CARTER	8	HENRY	8	MEADE	5	TRIMBLE	6
CASEY	13	HICKMAN	10	MENIFEE	11	UNION	12
CHRISTIAN	6	HOPKINS	8	MERCER	8	WARREN	5
CLARK	6	JACKSON	8	METCALFE	14	WASHINGTON	8
CLAY	27	JEFFERSON	7	MONROE	9	WAYNE	14
CLINTON	18	JESSAMINE	6	MONTGOMERY	11	WEBSTER	9
CRITTENDEN	17	JOHNSON	26	MORGAN	12	WHITLEY	24
CUMBERLAND	12	KENTON	6	MUHLENBERG	11	WOLFE	19
DAVISS	5	KNOTT	20	NELSON	8	WOODFORD	6

Controlled Substance Prescribing Q4 2018



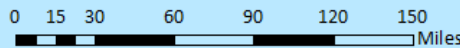
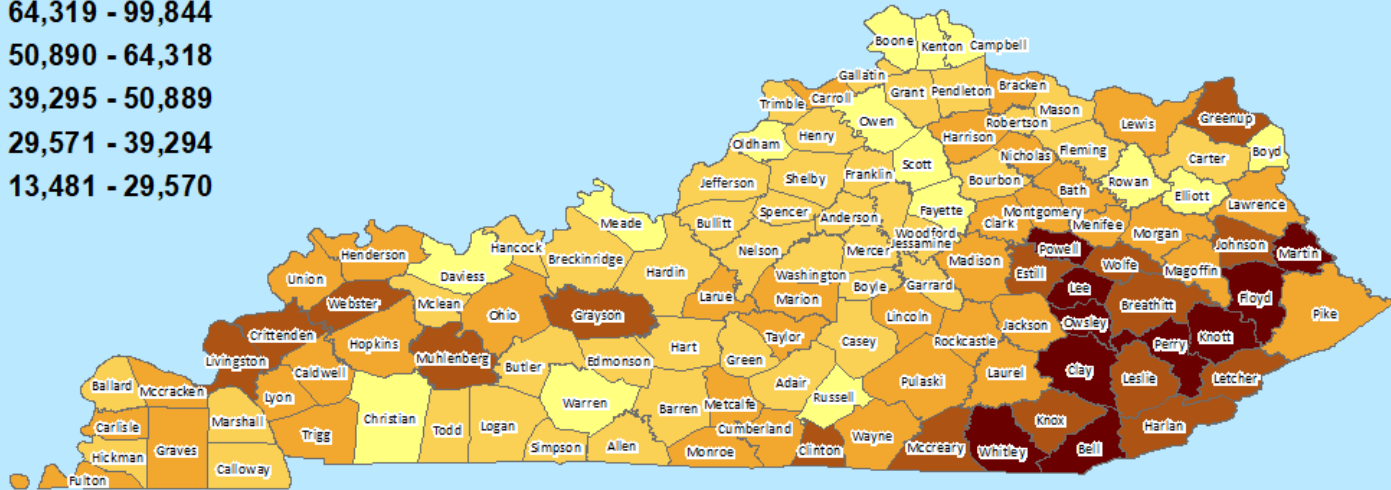
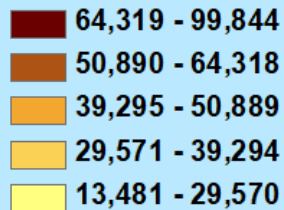
Controlled Substance Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of all Controlled Substances for Quarter 4, 2018
400	4,209,355
401	1,449,219
402	31,920,291
403	7,474,050
404	5,487,579
405	19,592,202
406	1,695,956
407	4,661,297
408	944,920
409	3,483,886
410	13,966,684
411	4,391,376
412	2,381,328
413	2,014,919
414	822,411
415	1,036,659
416	2,673,969
417	4,017,184
418	799,293
420	10,750,806
421	8,954,977
422	2,443,761
423	2,834,995
424	4,681,252
425	2,419,927
426	1,508,781
427	5,926,660
Totals	152,543,737

Controlled Substance Usage Q4 2018

All Controlled Substances Usage Dosage Rate per 1000 by Patient Address

Doses per 1000 by Patient Address
Quarter 4 (Oct 01 - Dec 31) 2018



Controlled Substance Usage

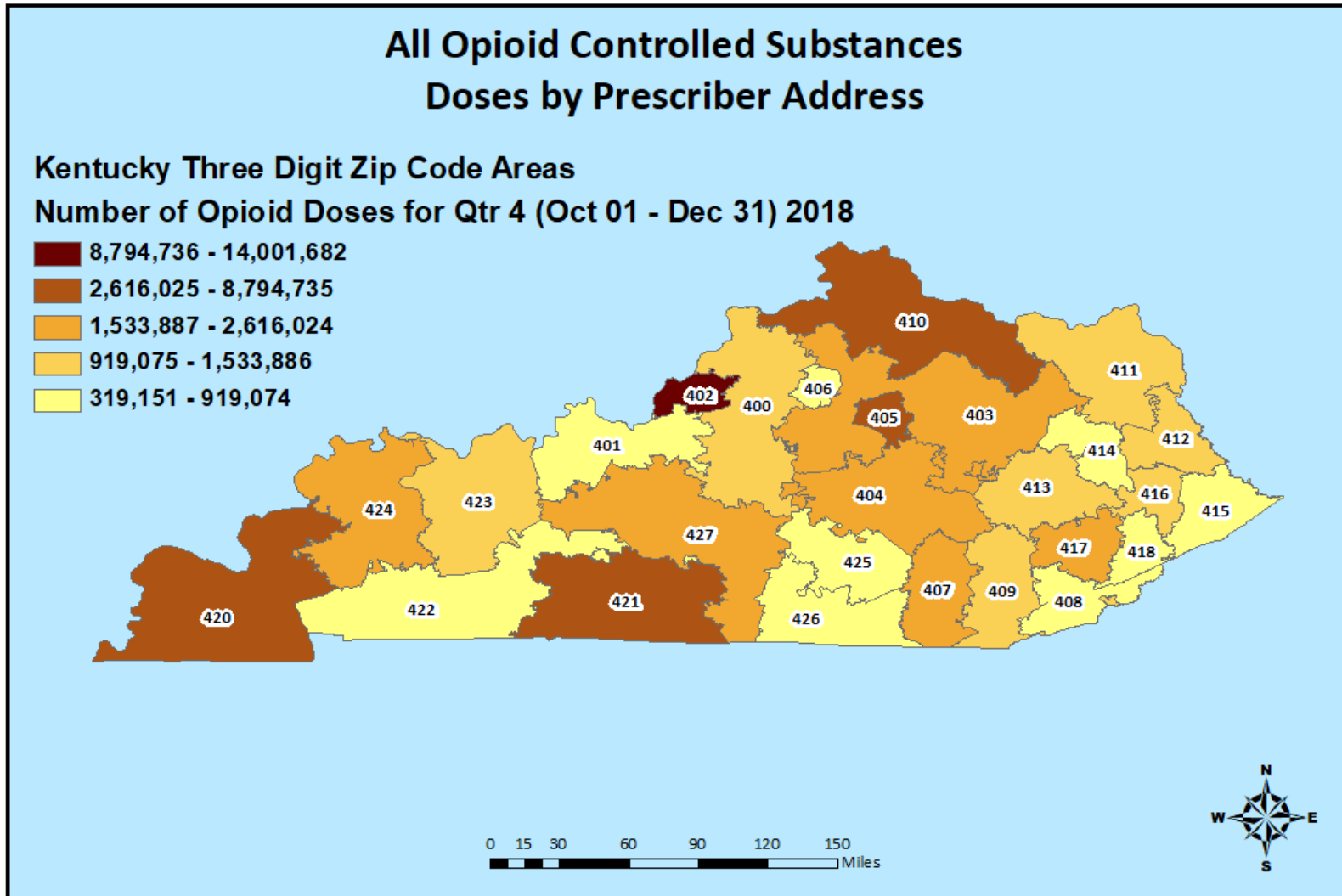
Q4 2018

Actual Number of All Controlled Substances Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	739,465	EDMONSON	406,861	KNOX	1,682,614	NICHOLAS	330,695
ALLEN	744,489	ELLIOTT	196,178	LARUE	613,674	OHIO	1,028,286
ANDERSON	799,042	ESTILL	913,544	LAUREL	2,433,545	OLDHAM	1,510,316
BALLARD	312,678	FAYETTE	7,496,524	LAWRENCE	760,663	OWEN	314,679
BARREN	1,536,612	FLEMING	556,443	LEE	534,097	OWSLEY	448,401
BATH	548,094	FLOYD	2,986,734	LESLIE	594,640	PENDLETON	486,593
BELL	1,910,547	FRANKLIN	1,630,739	LETCHER	1,464,723	PERRY	2,299,192
BOONE	3,492,435	FULTON	271,695	LEWIS	539,890	PIKE	2,603,189
BOURBON	769,914	GALLATIN	275,740	LINCOLN	1,001,323	POWELL	847,156
BOYD	1,151,155	GARRARD	571,398	LIVINGSTON	529,135	PULASKI	2,577,735
BOYLE	1,078,768	GRANT	788,406	LOGAN	1,008,294	ROBERTSON	79,974
BRACKEN	356,603	GRAVES	1,793,368	LYON	387,401	ROCKCASTLE	706,413
BREATHITT	840,592	GRAYSON	1,393,317	MADISON	3,052,013	ROWAN	697,575
BRECKINRIDGE	673,728	GREEN	397,707	MAGOFFIN	950,066	RUSSELL	238,916
BULLITT	2,512,602	GREENUP	1,845,397	MARION	726,778	SCOTT	1,574,944
BUTLER	504,736	HANCOCK	265,271	MARSHALL	1,596,121	SHELBY	1,460,252
CALDWELL	624,970	HARDIN	3,459,490	MARTIN	741,677	SIMPSON	584,285
CALLOWAY	1,422,569	HARLAN	1,572,820	MASON	542,484	SPENCER	661,843
CAMPBELL	2,637,291	HARRISON	749,086	MCCRACKEN	3,178,438	TAYLOR	1,101,753
CARLISLE	243,028	HART	635,066	MCCREARY	762,435	TODD	411,856
CARROLL	487,552	HENDERSON	2,214,178	MCLEAN	438,095	TRIGG	570,784
CARTER	898,484	HENRY	601,405	MEADE	641,867	TRIMBLE	267,779
CASEY	601,389	HICKMAN	145,375	MENIFEE	284,318	UNION	681,060
CHRISTIAN	1,797,614	HOPKINS	2,072,696	MERCER	825,052	WARREN	3,592,724
CLARK	1,459,726	JACKSON	654,023	METCALFE	459,836	WASHINGTON	393,483
CLAY	1,716,105	JEFFERSON	23,933,563	MONROE	452,211	WAYNE	918,706
CLINTON	523,626	JESSAMINE	1,768,290	MONTGOMERY	1,306,991	WEBSTER	712,351
CRITTENDEN	494,733	JOHNSON	1,450,953	MORGAN	605,524	WHITLEY	2,653,445
CUMBERLAND	317,619	KENTON	4,011,435	MUHLENBERG	1,713,102	WOLFE	435,190
DAVISS	2,234,996	KNOTT	1,124,221	NELSON	1,656,812	WOODFORD	795,256
						TOTAL	162,081,735

Per 1000 Controlled Substance Usage Q4 2018

Actual Number of All Controlled Substances Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	38,354	EDMONSON	33,586	KNOX	53,101	NICHOLAS	46,682
ALLEN	36,086	ELLIOTT	25,854	LARUE	43,535	OHIO	42,181
ANDERSON	36,061	ESTILL	63,853	LAUREL	40,391	OLDHAM	23,037
BALLARD	38,823	FAYETTE	23,541	LAWRENCE	47,952	OWEN	29,570
BARREN	34,929	FLEMING	38,357	LEE	81,170	OWSLEY	99,844
BATH	44,463	FLOYD	80,483	LESLIE	56,428	PENDLETON	33,420
BELL	70,456	FRANKLIN	32,254	LETCHER	64,318	PERRY	84,087
BOONE	27,171	FULTON	43,971	LEWIS	40,164	PIKE	42,989
BOURBON	38,438	GALLATIN	32,029	LINCOLN	41,085	POWELL	68,830
BOYD	23,917	GARRARD	33,044	LIVINGSTON	57,087	PULASKI	40,305
BOYLE	35,937	GRANT	31,634	LOGAN	37,916	ROBERTSON	37,111
BRACKEN	42,453	GRAVES	48,232	LYON	48,011	ROCKCASTLE	41,924
BREATHITT	63,279	GRAYSON	53,213	MADISON	48,777	ROWAN	28,530
BRECKINRIDGE	33,752	GREEN	35,959	MAGOFFIN	43,540	RUSSELL	13,481
BULLITT	31,744	GREENUP	51,414	MARION	46,237	SCOTT	29,181
BUTLER	39,294	HANCOCK	30,110	MARSHALL	34,083	SHELBY	31,466
CALDWELL	49,727	HARDIN	32,236	MARTIN	74,903	SIMPSON	32,311
CALLOWAY	37,010	HARLAN	57,892	MASON	37,843	SPENCER	36,218
CAMPBELL	28,601	HARRISON	40,174	MCCRACKEN	50,889	TAYLOR	43,381
CARLISLE	50,057	HART	34,094	MCCREARY	61,796	TODD	33,498
CARROLL	45,655	HENDERSON	47,871	MCLEAN	31,558	TRIGG	40,016
CARTER	33,221	HENRY	38,020	MEADE	22,821	TRIMBLE	31,065
CASEY	38,026	HICKMAN	31,419	MENIFEE	44,369	UNION	45,770
CHRISTIAN	24,846	HOPKINS	45,153	MERCER	38,416	WARREN	28,620
CLARK	40,753	JACKSON	48,925	METCALFE	45,901	WASHINGTON	32,282
CLAY	82,640	JEFFERSON	31,271	MONROE	42,710	WAYNE	44,918
CLINTON	51,452	JESSAMINE	33,774	MONTGOMERY	47,063	WEBSTER	53,496
CRITTENDEN	53,846	JOHNSON	63,145	MORGAN	45,535	WHITLEY	73,511
CUMBERLAND	47,138	KENTON	24,320	MUHLENBERG	55,211	WOLFE	60,789
DAVISS	22,423	KNOTT	72,325	NELSON	36,366	WOODFORD	30,442

Opioid Prescribing Q4 2018



Opioid Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of All Opioids for Quarter 4, 2018
400	1,287,532
401	466,641
402	14,001,682
403	2,616,024
404	2,354,815
405	8,794,735
406	919,074
407	1,868,494
408	425,596
409	1,527,681
410	5,090,929
411	1,533,886
412	1,019,073
413	1,046,302
414	322,982
415	349,176
416	1,209,001
417	2,012,224
418	319,151
420	4,690,883
421	4,298,494
422	795,450
423	1,230,606
424	1,958,639
425	707,137
426	676,889
427	2,410,583
Totals	63,933,679

Opioid Usage

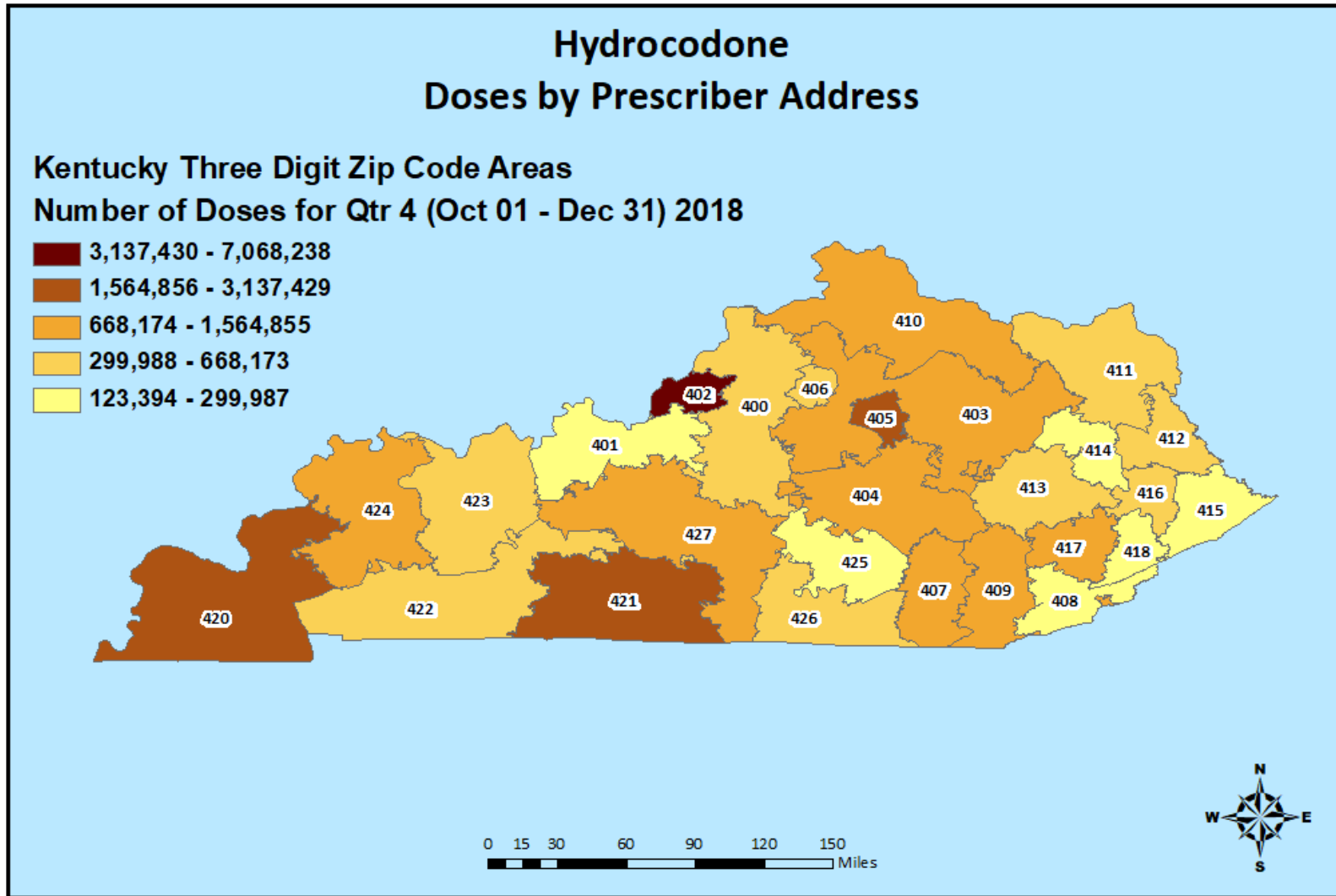
Q4 2018

Actual Number of All Opioid Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	337,791	EDMONSON	201,374	KNOX	715,662	NICHOLAS	138,805
ALLEN	370,018	ELLIOTT	88,304	LARUE	264,505	OHIO	496,443
ANDERSON	358,958	ESTILL	417,247	LAUREL	1,054,825	OLDHAM	525,641
BALLARD	143,218	FAYETTE	2,624,018	LAWRENCE	322,281	OWEN	132,542
BARREN	674,295	FLEMING	209,357	LEE	247,675	OWSLEY	209,482
BATH	236,769	FLOYD	1,429,509	LESLIE	332,254	PENDLETON	214,134
BELL	891,212	FRANKLIN	667,225	LETCHER	647,772	PERRY	1,080,791
BOONE	1,305,179	FULTON	117,633	LEWIS	226,966	PIKE	1,154,515
BOURBON	304,088	GALLATIN	132,355	LINCOLN	458,510	POWELL	400,341
BOYD	413,959	GARRARD	251,615	LIVINGSTON	253,722	PULASKI	1,063,874
BOYLE	443,145	GRANT	350,322	LOGAN	451,899	ROBERTSON	29,260
BRACKEN	134,068	GRAVES	736,676	LYON	161,496	ROCKCASTLE	384,021
BREATHITT	405,682	GRAYSON	644,606	MADISON	1,321,216	ROWAN	302,135
BRECKINRIDGE	310,515	GREEN	176,750	MAGOFFIN	431,171	RUSSELL	102,486
BULLITT	1,132,994	GREENUP	680,897	MARION	312,449	SCOTT	627,444
BUTLER	242,044	HANCOCK	117,642	MARSHALL	678,400	SHELBY	594,732
CALDWELL	262,916	HARDIN	1,473,505	MARTIN	287,771	SIMPSON	265,659
CALLOWAY	552,966	HARLAN	776,096	MASON	168,736	SPENCER	282,880
CAMPBELL	1,031,649	HARRISON	287,665	MCCRACKEN	1,348,768	TAYLOR	471,145
CARLISLE	107,805	HART	295,066	MCCREARY	363,192	TODD	175,833
CARROLL	224,064	HENDERSON	942,677	MCLEAN	210,388	TRIGG	236,327
CARTER	369,943	HENRY	256,730	MEADE	290,027	TRIMBLE	131,594
CASEY	259,787	HICKMAN	62,118	MENIFEE	136,261	UNION	316,644
CHRISTIAN	740,217	HOPKINS	993,177	MERCER	342,715	WARREN	1,526,912
CLARK	611,791	JACKSON	283,819	METCALFE	213,539	WASHINGTON	155,903
CLAY	819,988	JEFFERSON	9,826,440	MONROE	203,817	WAYNE	459,084
CLINTON	256,736	JESSAMINE	701,247	MONTGOMERY	564,243	WEBSTER	349,615
CRITTENDEN	235,598	JOHNSON	645,180	MORGAN	282,207	WHITLEY	1,128,884
CUMBERLAND	153,334	KENTON	1,529,323	MUHLENBERG	850,310	WOLFE	202,776
DAVISS	943,424	KNOTT	534,964	NELSON	723,610	WOODFORD	303,644
TOTAL						69,057,623	

Per 1000 Opioid Usage Q4 2018

Actual Number of All Opioid Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	17,520	EDMONSON	16,623	KNOX	22,585	NICHOLAS	19,594
ALLEN	17,935	ELLIOTT	11,637	LARUE	18,765	OHIO	20,364
ANDERSON	16,200	ESTILL	29,164	LAUREL	17,507	OLDHAM	8,018
BALLARD	17,782	FAYETTE	8,240	LAWRENCE	20,317	OWEN	12,455
BARREN	15,327	FLEMING	14,431	LEE	37,641	OWSLEY	46,645
BATH	19,207	FLOYD	38,521	LESLIE	31,529	PENDLETON	14,707
BELL	32,865	FRANKLIN	13,197	LETCHER	28,445	PERRY	39,527
BOONE	10,154	FULTON	19,038	LEWIS	16,885	PIKE	19,066
BOURBON	15,182	GALLATIN	15,374	LINCOLN	18,813	POWELL	32,527
BOYD	8,600	GARRARD	14,551	LIVINGSTON	27,373	PULASKI	16,634
BOYLE	14,763	GRANT	14,056	LOGAN	16,993	ROBERTSON	13,578
BRACKEN	15,960	GRAVES	19,813	LYON	20,014	ROCKCASTLE	22,791
BREATHITT	30,539	GRAYSON	24,618	MADISON	20,699	ROWAN	12,357
BRECKINRIDGE	15,556	GREEN	15,981	MAGOFFIN	20,741	RUSSELL	5,783
BULLITT	14,314	GREENUP	18,970	MARION	22,205	SCOTT	11,625
BUTLER	18,843	HANCOCK	13,353	MARSHALL	14,754	SHELBY	12,815
CALDWELL	20,919	HARDIN	13,731	MARTIN	33,993	SIMPSON	14,691
CALLOWAY	14,386	HARLAN	28,567	MASON	16,269	SPENCER	15,480
CAMPBELL	11,188	HARRISON	15,428	MCCRACKEN	21,629	TAYLOR	18,551
CARLISLE	22,205	HART	15,841	MCCREARY	23,977	TODD	14,301
CARROLL	20,982	HENDERSON	20,381	MCLEAN	9,816	TRIGG	16,568
CARTER	13,678	HENRY	16,230	MEADE	10,312	TRIMBLE	15,266
CASEY	16,427	HICKMAN	13,425	MENIFEE	21,264	UNION	21,280
CHRISTIAN	10,231	HOPKINS	21,636	MERCER	15,957	WARREN	12,164
CLARK	17,080	JACKSON	21,231	METCALFE	21,316	WASHINGTON	12,790
CLAY	39,487	JEFFERSON	12,839	MONROE	19,250	WAYNE	22,446
CLINTON	25,227	JESSAMINE	13,394	MONTGOMERY	20,318	WEBSTER	26,255
CRITTENDEN	25,642	JOHNSON	28,078	MORGAN	21,222	WHITLEY	31,274
CUMBERLAND	22,757	KENTON	9,272	MUHLENBERG	27,405	WOLFE	28,325
DAVISS	9,465	KNOTT	34,416	NELSON	15,883	WOODFORD	11,623

Hydrocodone Prescribing Q4 2018



Hydrocodone Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of all Hydrocodone Doses for Quarter 4, 2018
400	657,700
401	218,760
402	7,068,238
403	1,019,026
404	1,094,683
405	3,137,429
406	453,746
407	934,280
408	211,424
409	963,573
410	1,564,855
411	577,632
412	414,793
413	500,323
414	167,292
415	153,080
416	641,070
417	1,229,482
418	123,394
420	2,462,761
421	2,445,917
422	488,982
423	668,173
424	1,127,551
425	299,987
426	405,530
427	1,233,198
Totals	30,262,879

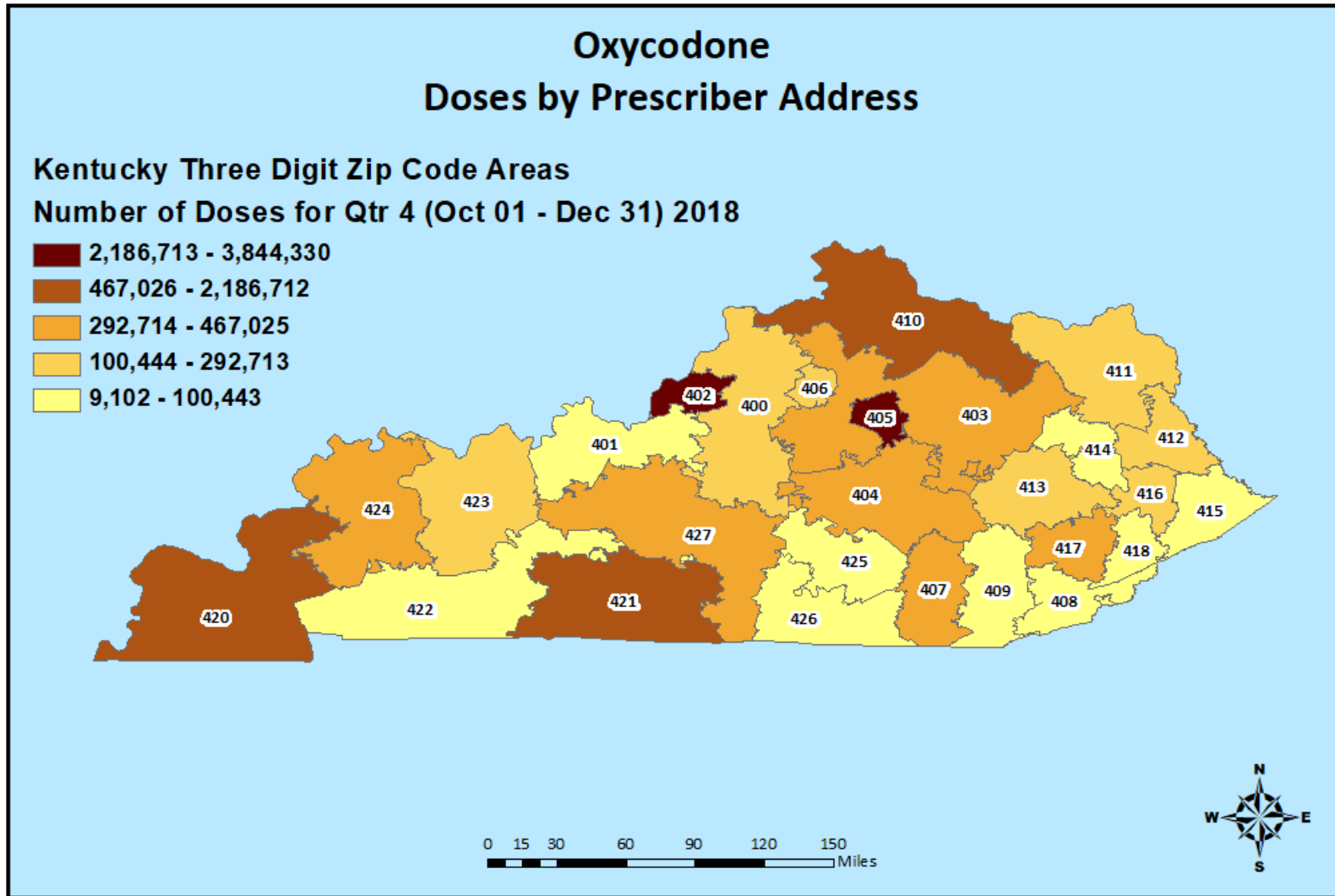
Hydrocodone Usage Q4 2018

Actual Number of Hydrocodone Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	197,136	EDMONSON	108,136	KNOX	358,654	NICHOLAS	48,578
ALLEN	225,593	ELLIOTT	34,976	LARUE	138,679	OHIO	271,989
ANDERSON	178,869	ESTILL	180,134	LAUREL	467,320	OLDHAM	250,688
BALLARD	80,551	FAYETTE	962,161	LAWRENCE	133,087	OWEN	46,224
BARREN	377,139	FLEMING	78,800	LEE	133,840	OWSLEY	117,671
BATH	77,484	FLOYD	710,025	LESLIE	171,087	PENDLETON	61,774
BELL	541,980	FRANKLIN	311,395	LETCHER	315,598	PERRY	528,592
BOONE	377,888	FULTON	66,757	LEWIS	93,898	PIKE	575,711
BOURBON	98,366	GALLATIN	41,774	LINCOLN	206,442	POWELL	178,239
BOYD	141,460	GARRARD	94,987	LIVINGSTON	130,506	PULASKI	448,025
BOYLE	225,118	GRANT	90,693	LOGAN	249,367	ROBERTSON	11,366
BRACKEN	38,861	GRAVES	397,400	LYON	84,759	ROCKCASTLE	193,193
BREATHITT	199,591	GRAYSON	345,522	MADISON	519,836	ROWAN	99,473
BRECKINRIDGE	158,197	GREEN	81,063	MAGOFFIN	212,772	RUSSELL	57,943
BULLITT	568,977	GREENUP	235,321	MARION	149,576	SCOTT	240,638
BUTLER	148,404	HANCOCK	59,980	MARSHALL	329,907	SHELBY	284,616
CALDWELL	122,278	HARDIN	728,992	MARTIN	116,695	SIMPSON	128,450
CALLOWAY	296,517	HARLAN	343,213	MASON	57,451	SPENCER	141,196
CAMPBELL	296,096	HARRISON	107,295	MCCRACKEN	697,300	TAYLOR	221,056
CARLISLE	53,067	HART	158,664	MCCREARY	162,484	TODD	100,734
CARROLL	94,645	HENDERSON	481,811	MCLEAN	132,749	TRIGG	114,665
CARTER	119,957	HENRY	133,184	MEADE	134,067	TRIMBLE	62,346
CASEY	130,096	HICKMAN	32,316	MENIFEE	57,948	UNION	176,341
CHRISTIAN	407,451	HOPKINS	531,778	MERCER	149,955	WARREN	825,007
CLARK	214,715	JACKSON	122,014	METCALFE	127,877	WASHINGTON	69,882
CLAY	474,468	JEFFERSON	5,138,465	MONROE	114,630	WAYNE	236,465
CLINTON	114,929	JESSAMINE	244,167	MONTGOMERY	187,105	WEBSTER	185,336
CRITTENDEN	129,938	JOHNSON	308,195	MORGAN	111,400	WHITLEY	515,535
CUMBERLAND	85,606	KENTON	386,158	MUHLENBERG	477,046	WOLFE	115,601
DAVISS	499,438	KNOTT	257,379	NELSON	348,256	WOODFORD	121,808
						TOTAL	32,447,003

Per 1000 Hydrocodone Usage Q4 2018

Actual Number of Hydrocodone Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	10,225	EDMONSON	8,927	KNOX	11,319	NICHOLAS	6,857
ALLEN	10,935	ELLIOTT	4,609	LARUE	9,838	OHIO	11,157
ANDERSON	8,072	ESTILL	12,591	LAUREL	7,756	OLDHAM	3,824
BALLARD	10,001	FAYETTE	3,021	LAWRENCE	8,390	OWEN	4,344
BARREN	8,573	FLEMING	5,432	LEE	20,340	OWSLEY	26,202
BATH	6,286	FLOYD	19,133	LESLIE	16,235	PENDLETON	4,243
BELL	19,987	FRANKLIN	6,159	LETCHER	13,858	PERRY	19,332
BOONE	2,940	FULTON	10,804	LEWIS	6,985	PIKE	9,507
BOURBON	4,911	GALLATIN	4,852	LINCOLN	8,470	POWELL	14,482
BOYD	2,939	GARRARD	5,493	LIVINGSTON	14,080	PULASKI	7,005
BOYLE	7,499	GRANT	3,639	LOGAN	9,377	ROBERTSON	5,274
BRACKEN	4,626	GRAVES	10,688	LYON	10,504	ROCKCASTLE	11,465
BREATHITT	15,025	GRAYSON	13,196	MADISON	10,701	ROWAN	4,068
BRECKINRIDGE	7,925	GREEN	7,329	MAGOFFIN	9,279	RUSSELL	3,270
BULLITT	7,189	GREENUP	6,556	MARION	14,010	SCOTT	4,459
BUTLER	11,553	HANCOCK	6,808	MARSHALL	5,805	SHELBY	6,133
CALDWELL	9,729	HARDIN	6,793	MARTIN	16,775	SIMPSON	7,103
CALLOWAY	7,714	HARLAN	12,633	MASON	7,788	SPENCER	7,727
CAMPBELL	3,211	HARRISON	5,754	MCCRACKEN	10,518	TAYLOR	8,704
CARLISLE	10,930	HART	8,518	MCCREARY	9,723	TODD	8,193
CARROLL	8,863	HENDERSON	10,417	MCLEAN	3,342	TRIGG	8,039
CARTER	4,435	HENRY	8,420	MEADE	4,767	TRIMBLE	7,233
CASEY	8,226	HICKMAN	6,984	MENIFEE	9,043	UNION	11,851
CHRISTIAN	5,632	HOPKINS	11,585	MERCER	6,982	WARREN	6,572
CLARK	5,994	JACKSON	9,127	METCALFE	12,765	WASHINGTON	5,733
CLAY	22,848	JEFFERSON	6,714	MONROE	10,826	WAYNE	11,561
CLINTON	11,293	JESSAMINE	4,664	MONTGOMERY	6,737	WEBSTER	13,918
CRITTENDEN	14,142	JOHNSON	13,413	MORGAN	8,377	WHITLEY	14,282
CUMBERLAND	12,705	KENTON	2,341	MUHLENBERG	15,375	WOLFE	16,148
DAVISS	5,011	KNOTT	16,558	NELSON	7,644	WOODFORD	4,663

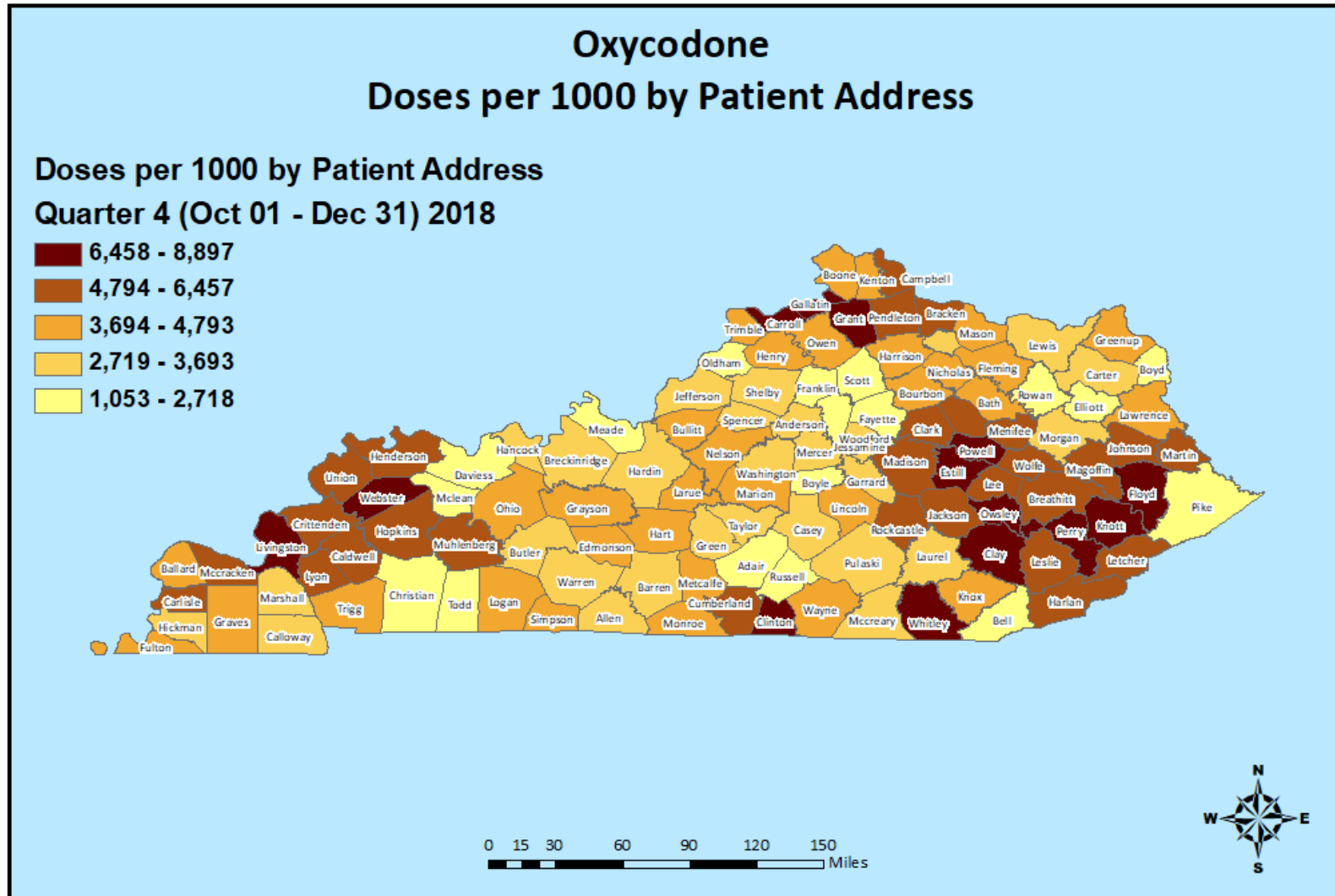
Oxycodone Prescribing Q4 2018



Oxycodone Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Oxycodone Doses for Quarter 4, 2018
400	231,388
401	57,006
402	3,844,330
403	467,025
404	420,848
405	2,812,429
406	208,480
407	313,166
408	62,442
409	85,970
410	2,186,712
411	292,713
412	134,552
413	174,110
414	12,242
415	9,102
416	147,281
417	393,611
418	65,211
420	1,204,617
421	1,050,811
422	90,283
423	143,635
424	425,930
425	81,090
426	100,443
427	418,904
Totals	15,434,331

Oxycodone Usage Q4 2018



Oxycodone Usage

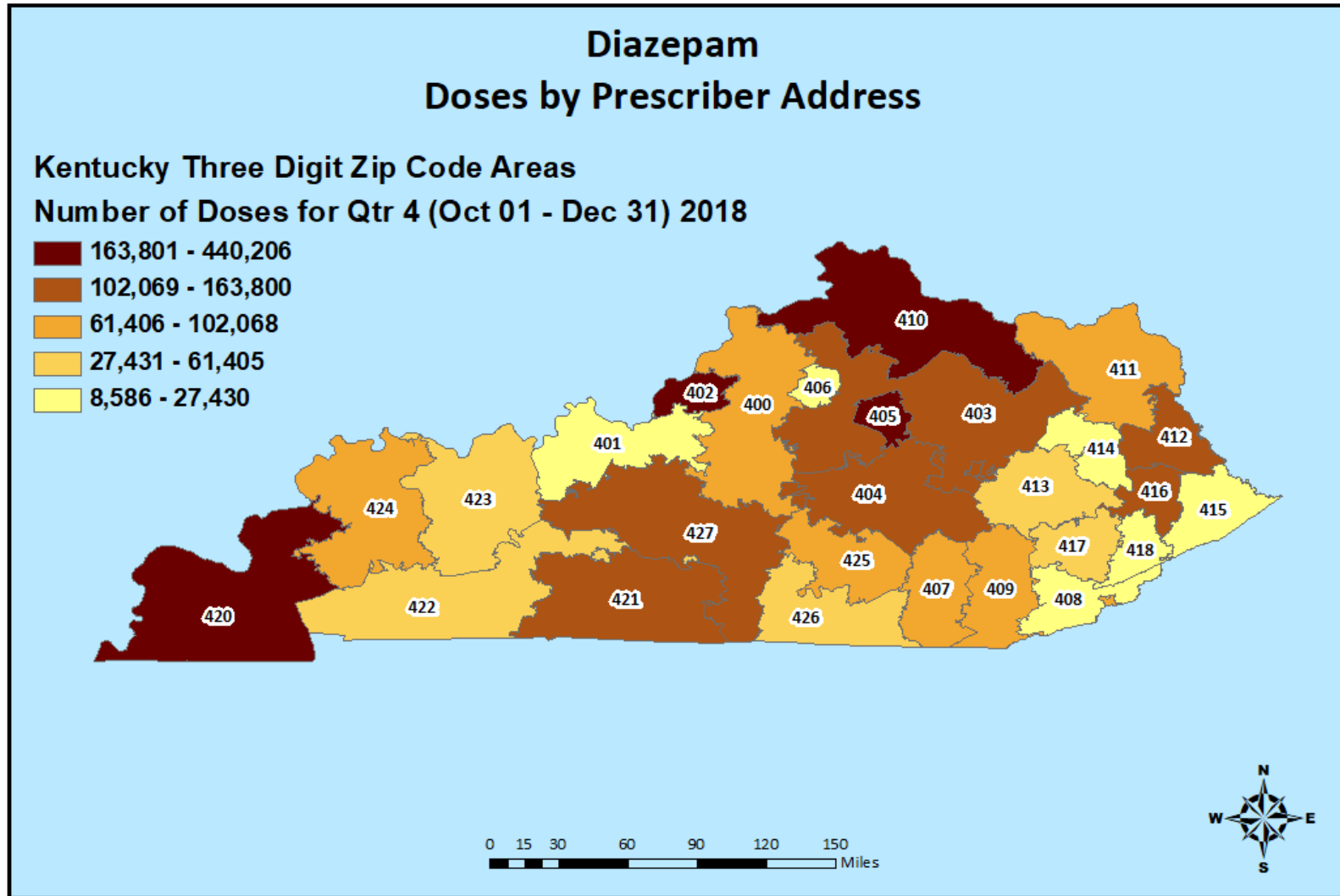
Q4 2018

Actual Number of Oxycodone Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	50,676	EDMONSON	50,053	KNOX	129,061	NICHOLAS	30,844
ALLEN	69,132	ELLIOTT	19,977	LARUE	66,714	OHIO	93,852
ANDERSON	65,343	ESTILL	110,837	LAUREL	199,446	OLDHAM	126,889
BALLARD	35,666	FAYETTE	655,264	LAWRENCE	61,173	OWEN	40,793
BARREN	144,131	FLEMING	57,049	LEE	36,687	OWSLEY	31,864
BATH	59,082	FLOYD	301,714	LESLIE	67,300	PENDLETON	94,014
BELL	70,201	FRANKLIN	134,780	LETCHER	124,119	PERRY	242,416
BOONE	550,110	FULTON	26,612	LEWIS	49,084	PIKE	153,024
BOURBON	75,449	GALLATIN	57,446	LINCOLN	106,563	POWELL	109,505
BOYD	90,587	GARRARD	63,851	LIVINGSTON	66,257	PULASKI	229,295
BOYLE	80,662	GRANT	174,322	LOGAN	107,388	ROBERTSON	7,213
BRACKEN	49,184	GRAVES	170,859	LYON	42,354	ROCKCASTLE	86,283
BREATHITT	70,790	GRAYSON	112,473	MADISON	314,387	ROWAN	57,404
BRECKINRIDGE	69,978	GREEN	33,099	MAGOFFIN	64,668	RUSSELL	18,656
BULLITT	307,061	GREENUP	146,680	MARION	82,205	SCOTT	145,376
BUTLER	45,015	HANCOCK	25,546	MARSHALL	189,714	SHELBY	158,292
CALDWELL	71,014	HARDIN	371,838	MARTIN	36,465	SIMPSON	75,271
CALLOWAY	113,824	HARLAN	131,566	MASON	45,772	SPENCER	66,589
CAMPBELL	484,045	HARRISON	74,007	MCCRACKEN	366,099	TAYLOR	84,136
CARLISLE	29,112	HART	73,565	MCCREARY	97,063	TODD	33,351
CARROLL	72,619	HENDERSON	261,637	MCLEAN	38,124	TRIGG	54,606
CARTER	79,663	HENRY	64,420	MEADE	76,460	TRIMBLE	35,675
CASEY	46,896	HICKMAN	15,154	MENIFEE	34,420	UNION	75,931
CHRISTIAN	155,192	HOPKINS	243,902	MERCER	78,786	WARREN	359,287
CLARK	179,717	JACKSON	72,942	METCALFE	39,860	WASHINGTON	34,622
CLAY	142,718	JEFFERSON	2,581,968	MONROE	45,371	WAYNE	94,120
CLINTON	89,529	JESSAMINE	182,534	MONTGOMERY	149,783	WEBSTER	91,208
CRITTENDEN	57,569	JOHNSON	111,902	MORGAN	43,997	WHITLEY	239,500
CUMBERLAND	36,757	KENTON	692,332	MUHLENBERG	173,777	WOLFE	34,683
DAVISS	206,743	KNOTT	133,807	NELSON	193,186	WOODFORD	63,025
						TOTAL	16,844,608

Per 1000 Oxycodone Usage Q4 2018

Actual Number of Oxycodone Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	2,628	EDMONSON	4,132	KNOX	4,073	NICHOLAS	4,354
ALLEN	3,351	ELLIOTT	2,633	LARUE	4,733	OHIO	3,850
ANDERSON	2,949	ESTILL	7,747	LAUREL	3,310	OLDHAM	1,935
BALLARD	4,428	FAYETTE	2,058	LAWRENCE	3,856	OWEN	3,833
BARREN	3,276	FLEMING	3,933	LEE	5,576	OWSLEY	7,095
BATH	4,793	FLOYD	8,130	LESLIE	6,386	PENDLETON	6,457
BELL	2,589	FRANKLIN	2,666	LETCHER	5,450	PERRY	8,866
BOONE	4,280	FULTON	4,307	LEWIS	3,652	PIKE	2,527
BOURBON	3,767	GALLATIN	6,673	LINCOLN	4,372	POWELL	8,897
BOYD	1,882	GARRARD	3,693	LIVINGSTON	7,148	PULASKI	3,585
BOYLE	2,687	GRANT	6,994	LOGAN	4,038	ROBERTSON	3,347
BRACKEN	5,855	GRAVES	4,595	LYON	5,249	ROCKCASTLE	5,121
BREATHITT	5,329	GRAYSON	4,295	MADISON	5,618	ROWAN	2,348
BRECKINRIDGE	3,506	GREEN	2,993	MAGOFFIN	5,543	RUSSELL	1,053
BULLITT	3,879	GREENUP	4,087	MARION	4,024	SCOTT	2,694
BUTLER	3,504	HANCOCK	2,900	MARSHALL	3,511	SHELBY	3,411
CALDWELL	5,650	HARDIN	3,465	MARTIN	5,098	SIMPSON	4,163
CALLOWAY	2,961	HARLAN	4,843	MASON	4,280	SPENCER	3,644
CAMPBELL	5,249	HARRISON	3,969	MCCRACKEN	6,049	TAYLOR	3,313
CARLISLE	5,996	HART	3,949	MCCREARY	3,038	TODD	2,713
CARROLL	6,800	HENDERSON	5,657	MCLEAN	2,663	TRIGG	3,828
CARTER	2,945	HENRY	4,073	MEADE	2,718	TRIMBLE	4,139
CASEY	2,965	HICKMAN	3,275	MENIFEE	5,371	UNION	5,103
CHRISTIAN	2,145	HOPKINS	5,313	MERCER	3,668	WARREN	2,862
CLARK	5,017	JACKSON	5,456	METCALFE	3,979	WASHINGTON	2,840
CLAY	6,873	JEFFERSON	3,374	MONROE	4,285	WAYNE	4,602
CLINTON	8,797	JESSAMINE	3,486	MONTGOMERY	5,394	WEBSTER	6,850
CRITTENDEN	6,266	JOHNSON	4,870	MORGAN	3,309	WHITLEY	6,635
CUMBERLAND	5,455	KENTON	4,197	MUHLENBERG	5,601	WOLFE	4,845
DAVISS	2,074	KNOTT	8,608	NELSON	4,240	WOODFORD	2,413

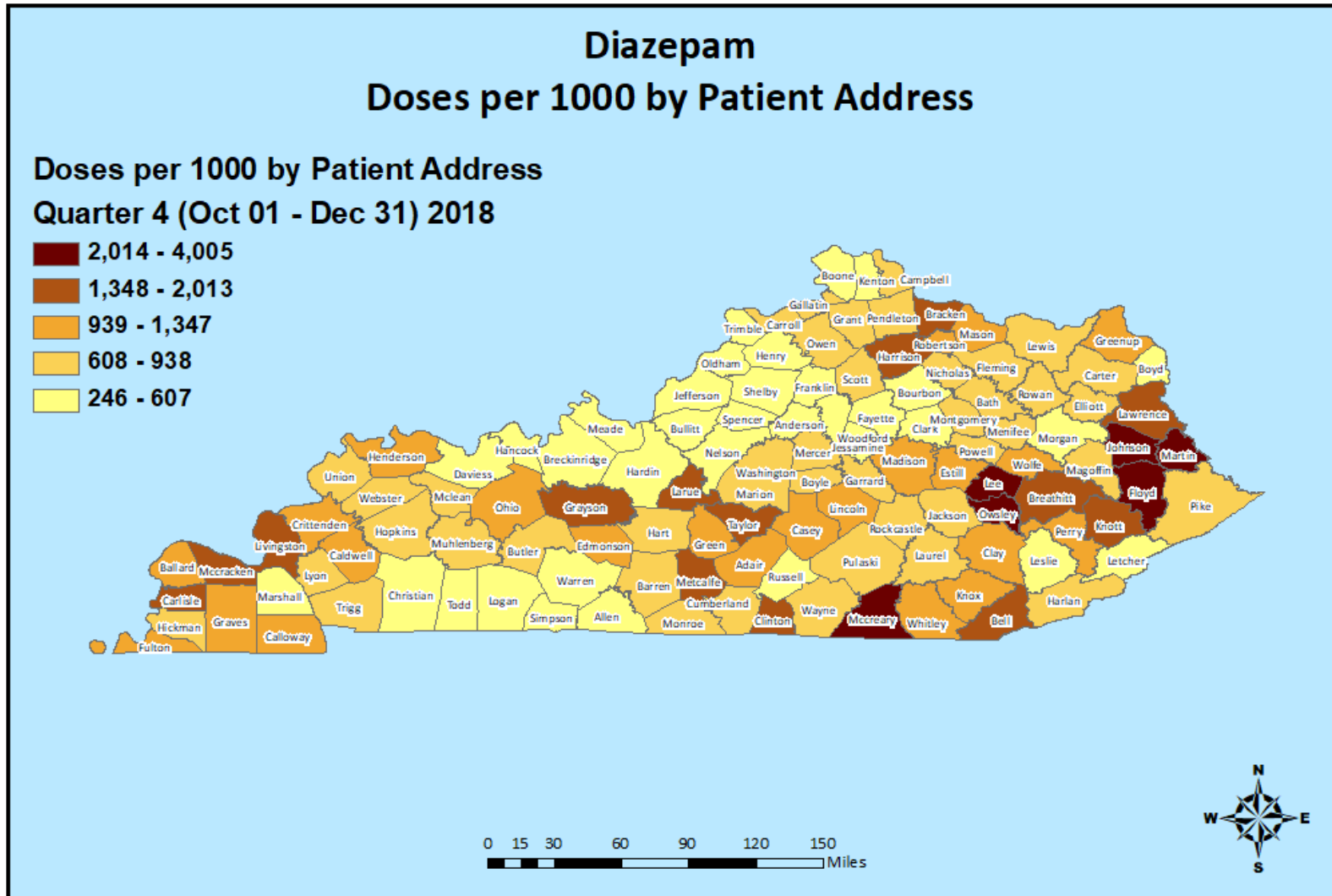
Diazepam Prescribing Q4 2018



Diazepam Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Diazepam Doses for Quarter 4, 2018
400	81,857
401	18,842
402	440,206
403	153,669
404	117,384
405	271,540
406	17,481
407	87,570
408	10,231
409	92,925
410	317,425
411	102,068
412	150,706
413	53,526
414	27,430
415	16,688
416	121,116
417	42,504
418	8,586
420	269,211
421	142,693
422	54,002
423	61,405
424	89,176
425	83,078
426	40,211
427	163,800
Totals	3,035,330

Diazepam Usage Q4 2018



Diazepam Usage

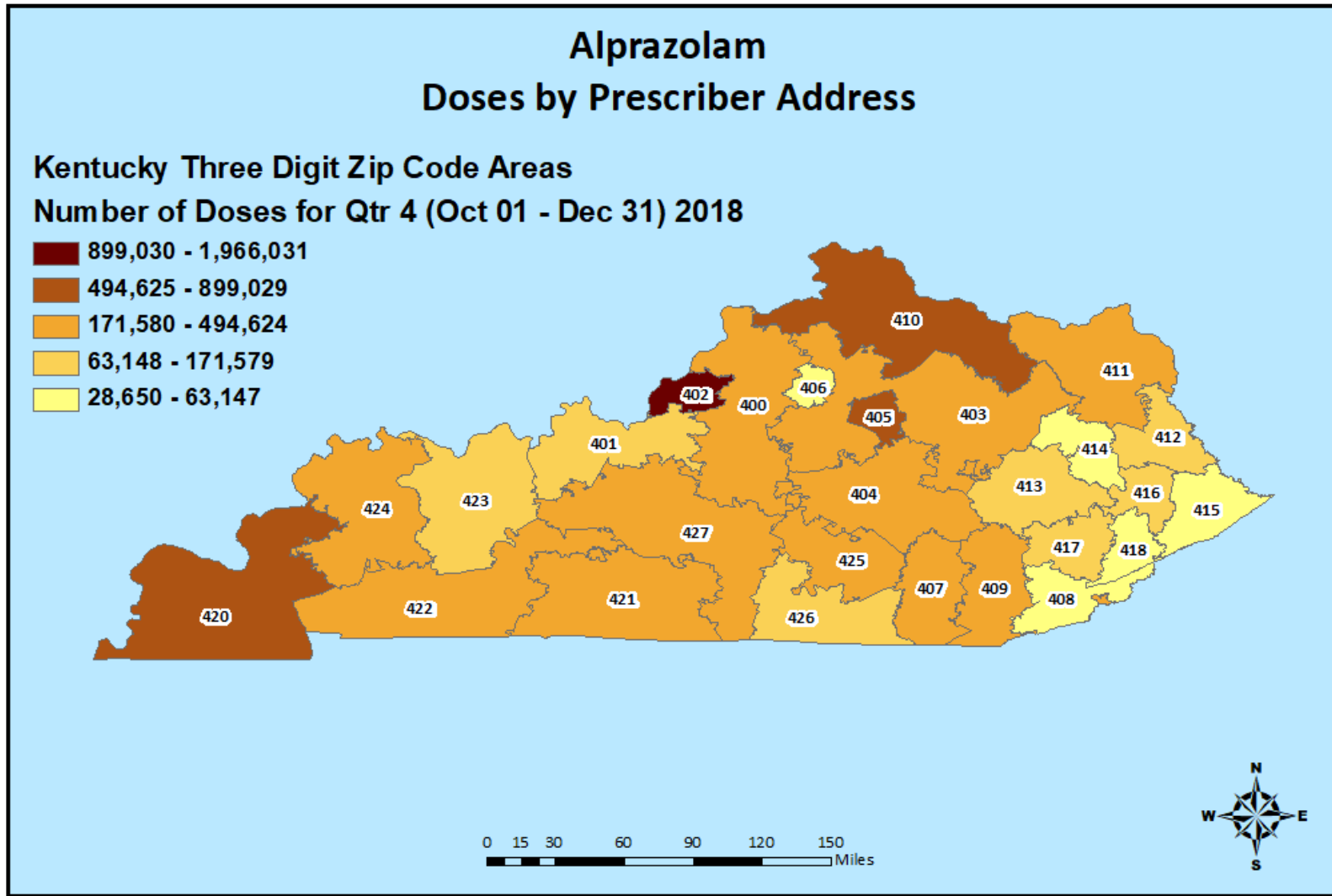
Q4 2018

Actual Number of Diazepam Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	25,174	EDMONSON	13,065	KNOX	35,357	NICHOLAS	4,508
ALLEN	10,180	ELLIOTT	5,694	LARUE	28,248	OHIO	24,525
ANDERSON	9,019	ESTILL	15,806	LAUREL	37,846	OLDHAM	16,129
BALLARD	8,411	FAYETTE	128,928	LAWRENCE	27,861	OWEN	7,212
BARREN	35,196	FLEMING	11,827	LEE	16,995	OWSLEY	16,249
BATH	7,896	FLOYD	116,284	LESLIE	3,881	PENDLETON	13,072
BELL	54,588	FRANKLIN	27,530	LETCHER	10,378	PERRY	26,701
BOONE	73,080	FULTON	7,837	LEWIS	9,736	PIKE	51,610
BOURBON	10,557	GALLATIN	6,608	LINCOLN	25,058	POWELL	7,731
BOYD	28,786	GARRARD	12,602	LIVINGSTON	13,356	PULASKI	52,222
BOYLE	25,122	GRANT	21,715	LOGAN	13,681	ROBERTSON	2,370
BRACKEN	14,458	GRAVES	38,628	LYON	7,568	ROCKCASTLE	14,075
BREATHITT	21,748	GRAYSON	45,635	MADISON	47,580	ROWAN	18,880
BRECKINRIDGE	12,072	GREEN	14,000	MAGOFFIN	34,930	RUSSELL	8,560
BULLITT	25,962	GREENUP	34,995	MARION	19,835	SCOTT	34,617
BUTLER	8,938	HANCOCK	4,283	MARSHALL	46,357	SHELBY	17,483
CALDWELL	14,320	HARDIN	43,850	MARTIN	32,091	SIMPSON	8,965
CALLOWAY	44,269	HARLAN	17,405	MASON	13,612	SPENCER	10,862
CAMPBELL	66,065	HARRISON	26,886	MCCRACKEN	76,633	TAYLOR	45,275
CARLISLE	7,651	HART	15,401	MCCREARY	11,520	TODD	7,075
CARROLL	6,848	HENDERSON	56,376	MCLEAN	6,865	TRIGG	12,790
CARTER	24,291	HENRY	4,890	MEADE	8,081	TRIMBLE	2,246
CASEY	18,841	HICKMAN	3,870	MENIFEE	4,431	UNION	13,264
CHRISTIAN	29,207	HOPKINS	36,384	MERCER	16,294	WARREN	67,547
CLARK	20,744	JACKSON	10,324	METCALFE	14,818	WASHINGTON	8,941
CLAY	27,890	JEFFERSON	328,975	MONROE	8,189	WAYNE	16,444
CLINTON	15,467	JESSAMINE	27,057	MONTGOMERY	21,449	WEBSTER	9,478
CRITTENDEN	11,110	JOHNSON	92,016	MORGAN	8,077	WHITLEY	47,044
CUMBERLAND	4,867	KENTON	84,505	MUHLENBERG	24,967	WOLFE	9,646
DAVISS	38,230	KNOTT	21,930	NELSON	24,815	WOODFORD	12,773
						TOTAL	3,215,096

Per 1000 Diazepam Usage Q4 2018

Actual Number of Diazepam Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	1,306	EDMONSON	1,079	KNOX	1,116	NICHOLAS	636
ALLEN	493	ELLIOTT	750	LARUE	2,004	OHIO	1,006
ANDERSON	407	ESTILL	1,105	LAUREL	628	OLDHAM	246
BALLARD	1,044	FAYETTE	405	LAWRENCE	1,756	OWEN	678
BARREN	800	FLEMING	815	LEE	2,583	OWSLEY	3,618
BATH	641	FLOYD	3,133	LESLIE	368	PENDLETON	898
BELL	2,013	FRANKLIN	545	LETCHER	456	PERRY	977
BOONE	569	FULTON	1,268	LEWIS	724	PIKE	852
BOURBON	527	GALLATIN	768	LINCOLN	1,028	POWELL	628
BOYD	598	GARRARD	729	LIVINGSTON	1,441	PULASKI	817
BOYLE	837	GRANT	871	LOGAN	514	ROBERTSON	1,100
BRACKEN	1,721	GRAVES	1,039	LYON	938	ROCKCASTLE	835
BREATHITT	1,637	GRAYSON	1,743	MADISON	1,176	ROWAN	772
BRECKINRIDGE	605	GREEN	1,266	MAGOFFIN	658	RUSSELL	483
BULLITT	328	GREENUP	975	MARION	725	SCOTT	641
BUTLER	696	HANCOCK	486	MARSHALL	531	SHELBY	377
CALDWELL	1,139	HARDIN	409	MARTIN	2,754	SIMPSON	496
CALLOWAY	1,152	HARLAN	641	MASON	1,033	SPENCER	594
CAMPBELL	716	HARRISON	1,442	MCCRACKEN	1,478	TAYLOR	1,783
CARLISLE	1,576	HART	827	MCCREARY	2,674	TODD	575
CARROLL	641	HENDERSON	1,219	MCLEAN	792	TRIGG	897
CARTER	898	HENRY	309	MEADE	287	TRIMBLE	261
CASEY	1,191	HICKMAN	836	MENIFEE	691	UNION	891
CHRISTIAN	404	HOPKINS	793	MERCER	759	WARREN	538
CLARK	579	JACKSON	772	METCALFE	1,479	WASHINGTON	734
CLAY	1,343	JEFFERSON	430	MONROE	773	WAYNE	804
CLINTON	1,520	JESSAMINE	517	MONTGOMERY	772	WEBSTER	712
CRITTENDEN	1,209	JOHNSON	4,005	MORGAN	607	WHITLEY	1,303
CUMBERLAND	722	KENTON	512	MUHLENBERG	805	WOLFE	1,347
DAVISS	384	KNOTT	1,411	NELSON	545	WOODFORD	489

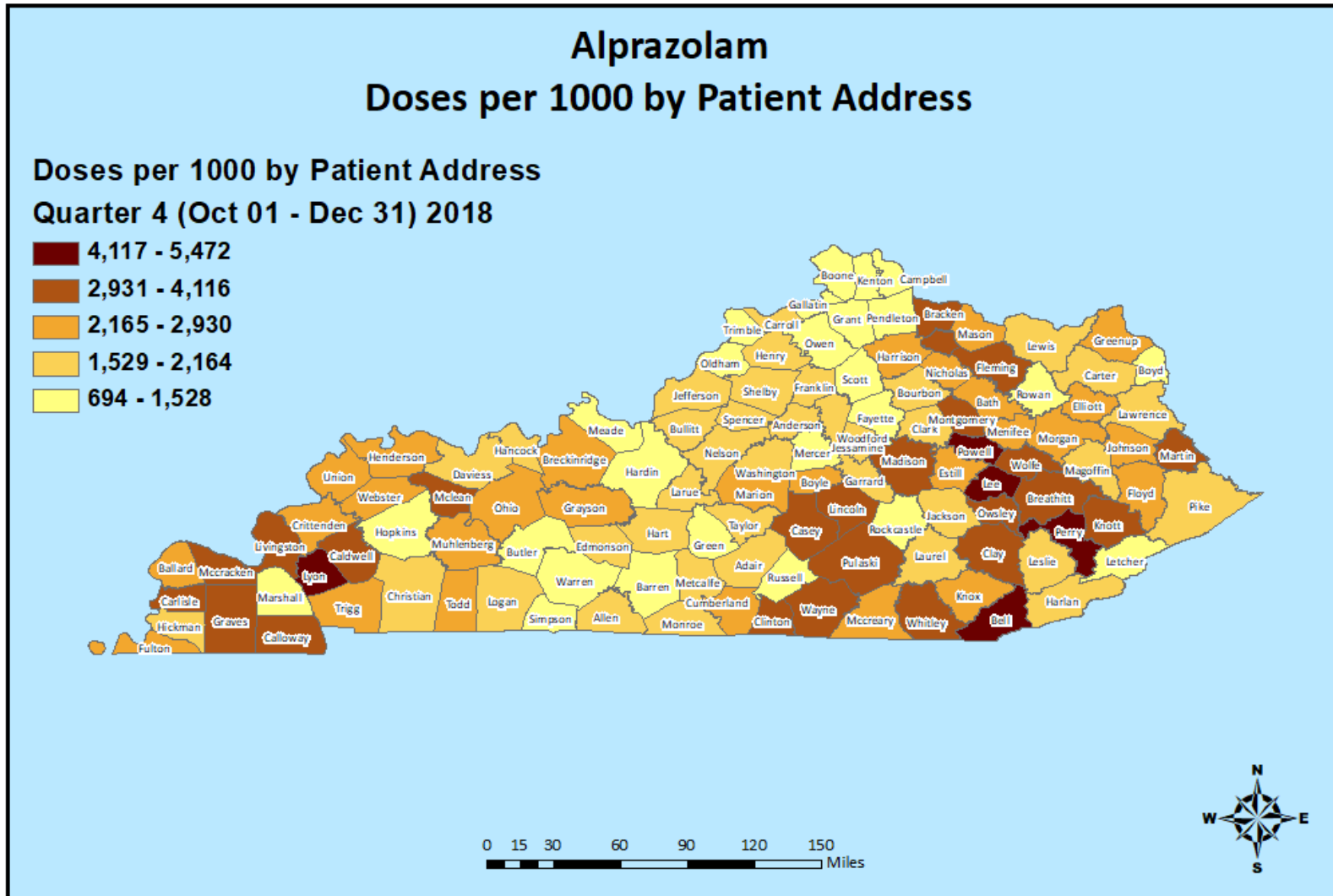
Alprazolam Prescribing Q4 2018



Alprazolam Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Alprazolam Doses for Quarter 4, 2018
400	311,035
401	101,571
402	1,966,031
403	494,624
404	280,693
405	899,029
406	63,147
407	265,832
408	37,040
409	236,536
410	723,016
411	239,355
412	92,468
413	92,855
414	50,449
415	29,523
416	113,453
417	170,123
418	28,650
420	793,212
421	302,356
422	205,243
423	171,579
424	241,912
425	304,214
426	101,246
427	253,315
Totals	8,568,507

Alprazolam Usage Q4 2018



Alprazolam Usage

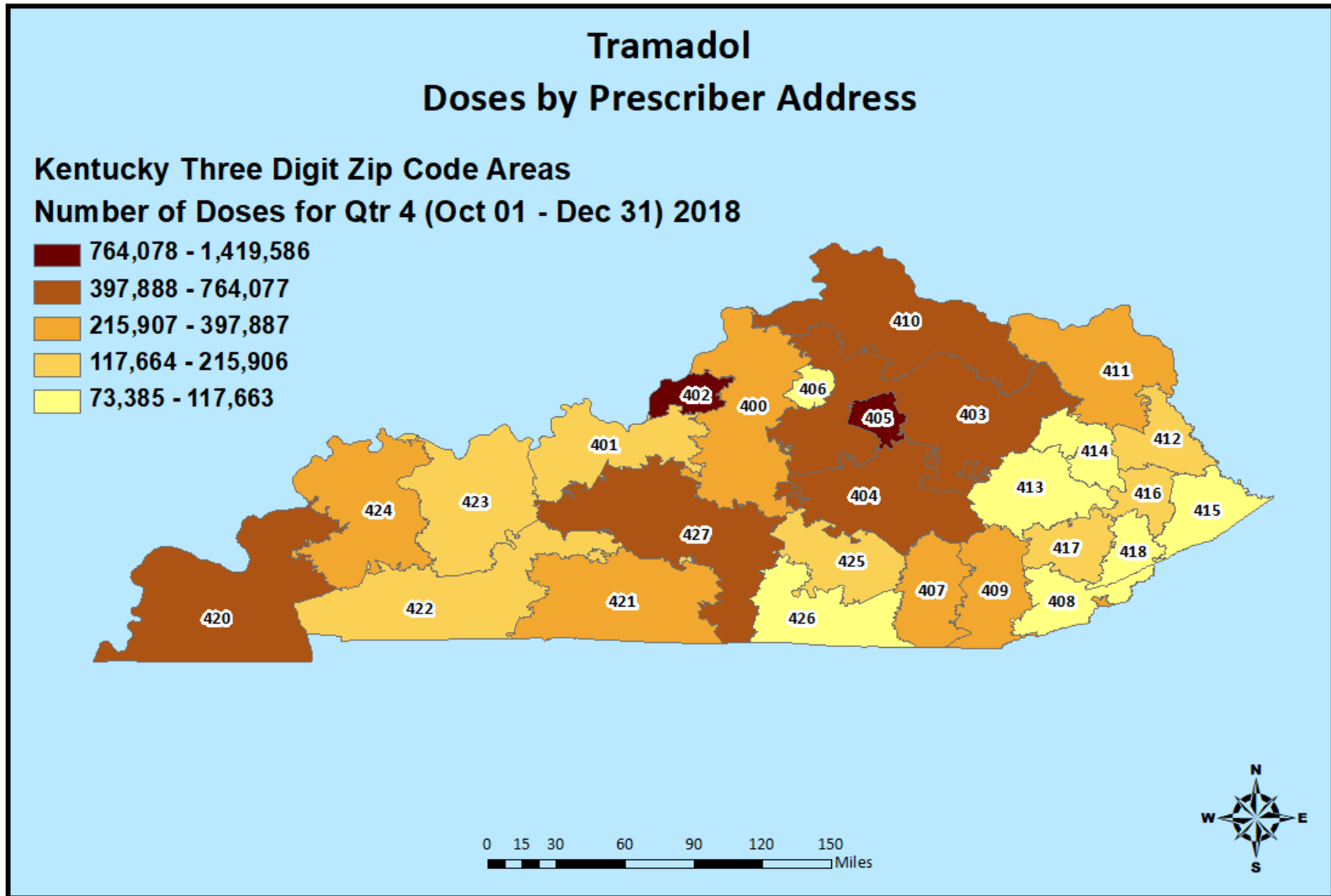
Q4 2018

Actual Number of Alprazolam Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	38,533	EDMONSON	19,129	KNOX	90,615	NICHOLAS	16,211
ALLEN	40,575	ELLIOTT	18,409	LARUE	25,364	OHIO	54,079
ANDERSON	40,402	ESTILL	35,176	LAUREL	128,345	OLDHAM	88,109
BALLARD	19,060	FAYETTE	465,601	LAWRENCE	29,149	OWEN	15,744
BARREN	63,516	FLEMING	54,161	LEE	30,405	OWSLEY	14,325
BATH	28,354	FLOYD	96,273	LESLIE	18,732	PENDLETON	18,587
BELL	148,389	FRANKLIN	93,882	LETCHER	27,235	PERRY	122,664
BOONE	151,424	FULTON	13,874	LEWIS	28,793	PIKE	98,485
BOURBON	40,757	GALLATIN	11,027	LINCOLN	75,829	POWELL	65,045
BOYD	65,379	GARRARD	33,912	LIVINGSTON	33,804	PULASKI	222,340
BOYLE	66,697	GRANT	25,447	LOGAN	47,897	ROBERTSON	7,092
BRACKEN	29,216	GRAVES	153,029	LYON	38,086	ROCKCASTLE	22,414
BREATHITT	53,068	GRAYSON	57,669	MADISON	115,926	ROWAN	35,604
BRECKINRIDGE	50,451	GREEN	13,637	MAGOFFIN	42,924	RUSSELL	12,293
BULLITT	164,467	GREENUP	104,333	MARION	46,954	SCOTT	80,108
BUTLER	18,402	HANCOCK	15,839	MARSHALL	103,816	SHELBY	77,483
CALDWELL	42,273	HARDIN	117,697	MARTIN	31,239	SIMPSON	23,595
CALLOWAY	148,651	HARLAN	56,717	MASON	51,419	SPENCER	32,841
CAMPBELL	135,067	HARRISON	47,522	MCCRACKEN	212,485	TAYLOR	54,948
CARLISLE	15,347	HART	32,712	MCCREARY	31,283	TODD	28,479
CARROLL	21,892	HENDERSON	133,664	MCLEAN	24,559	TRIGG	40,307
CARTER	57,517	HENRY	26,774	MEADE	36,601	TRIMBLE	11,350
CASEY	48,130	HICKMAN	9,505	MENIFEE	14,770	UNION	38,719
CHRISTIAN	124,256	HOPKINS	67,923	MERCER	32,827	WARREN	125,502
CLARK	64,410	JACKSON	22,057	METCALFE	18,946	WASHINGTON	20,092
CLAY	72,166	JEFFERSON	1,645,798	MONROE	17,969	WAYNE	71,132
CLINTON	33,804	JESSAMINE	85,551	MONTGOMERY	93,339	WEBSTER	29,962
CRITTENDEN	24,581	JOHNSON	52,127	MORGAN	38,965	WHITLEY	134,013
CUMBERLAND	18,474	KENTON	191,353	MUHLENBERG	81,626	WOLFE	26,303
DAVISS	161,934	KNOTT	52,082	NELSON	86,163	WOODFORD	43,489
						TOTAL	9,027,452

Per 1000 Alprazolam Usage Q4 2018

Actual Number of Alprazolam Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	1,999	EDMONSON	1,579	KNOX	2,860	NICHOLAS	2,288
ALLEN	1,967	ELLIOTT	2,426	LARUE	1,799	OHIO	2,218
ANDERSON	1,823	ESTILL	2,459	LAUREL	2,130	OLDHAM	1,344
BALLARD	2,367	FAYETTE	1,462	LAWRENCE	1,838	OWEN	1,479
BARREN	1,444	FLEMING	3,733	LEE	4,621	OWSLEY	3,190
BATH	2,300	FLOYD	2,594	LESLIE	1,778	PENDLETON	1,277
BELL	5,472	FRANKLIN	1,857	LETCHER	1,196	PERRY	4,486
BOONE	1,178	FULTON	2,245	LEWIS	2,142	PIKE	1,626
BOURBON	2,035	GALLATIN	1,281	LINCOLN	3,111	POWELL	5,285
BOYD	1,358	GARRARD	1,961	LIVINGSTON	3,647	PULASKI	3,476
BOYLE	2,222	GRANT	1,021	LOGAN	1,801	ROBERTSON	3,291
BRACKEN	3,478	GRAVES	4,116	LYON	4,720	ROCKCASTLE	1,330
BREATHITT	3,995	GRAYSON	2,202	MADISON	3,261	ROWAN	1,456
BRECKINRIDGE	2,527	GREEN	1,233	MAGOFFIN	1,786	RUSSELL	694
BULLITT	2,078	GREENUP	2,907	MARION	2,592	SCOTT	1,484
BUTLER	1,433	HANCOCK	1,798	MARSHALL	1,295	SHELBY	1,670
CALDWELL	3,364	HARDIN	1,097	MARTIN	3,384	SIMPSON	1,305
CALLOWAY	3,867	HARLAN	2,088	MASON	2,445	SPENCER	1,797
CAMPBELL	1,465	HARRISON	2,549	MCCRACKEN	3,310	TAYLOR	2,164
CARLISLE	3,161	HART	1,756	MCCREARY	2,603	TODD	2,316
CARROLL	2,050	HENDERSON	2,890	MCLEAN	2,991	TRIGG	2,826
CARTER	2,127	HENRY	1,693	MEADE	1,301	TRIMBLE	1,317
CASEY	3,043	HICKMAN	2,054	MENIFEE	2,305	UNION	2,602
CHRISTIAN	1,717	HOPKINS	1,480	MERCER	1,528	WARREN	1,000
CLARK	1,798	JACKSON	1,650	METCALFE	1,891	WASHINGTON	1,648
CLAY	3,475	JEFFERSON	2,150	MONROE	1,697	WAYNE	3,478
CLINTON	3,322	JESSAMINE	1,634	MONTGOMERY	3,361	WEBSTER	2,250
CRITTENDEN	2,675	JOHNSON	2,269	MORGAN	2,930	WHITLEY	3,713
CUMBERLAND	2,742	KENTON	1,160	MUHLENBERG	2,631	WOLFE	3,674
DAVISS	1,625	KNOTT	3,351	NELSON	1,891	WOODFORD	1,665

Tramadol Prescribing Q4 2018



Tramadol Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Tramadol Doses for Quarter 4, 2018
400	280,065
401	158,623
402	1,419,586
403	614,243
404	449,500
405	1,326,844
406	81,641
407	329,333
408	101,782
409	314,791
410	764,077
411	363,782
412	178,805
413	73,385
414	83,725
415	97,420
416	145,206
417	180,034
418	81,345
420	513,464
421	397,887
422	144,636
423	153,880
424	277,506
425	215,906
426	117,663
427	443,463
Totals	9,308,592

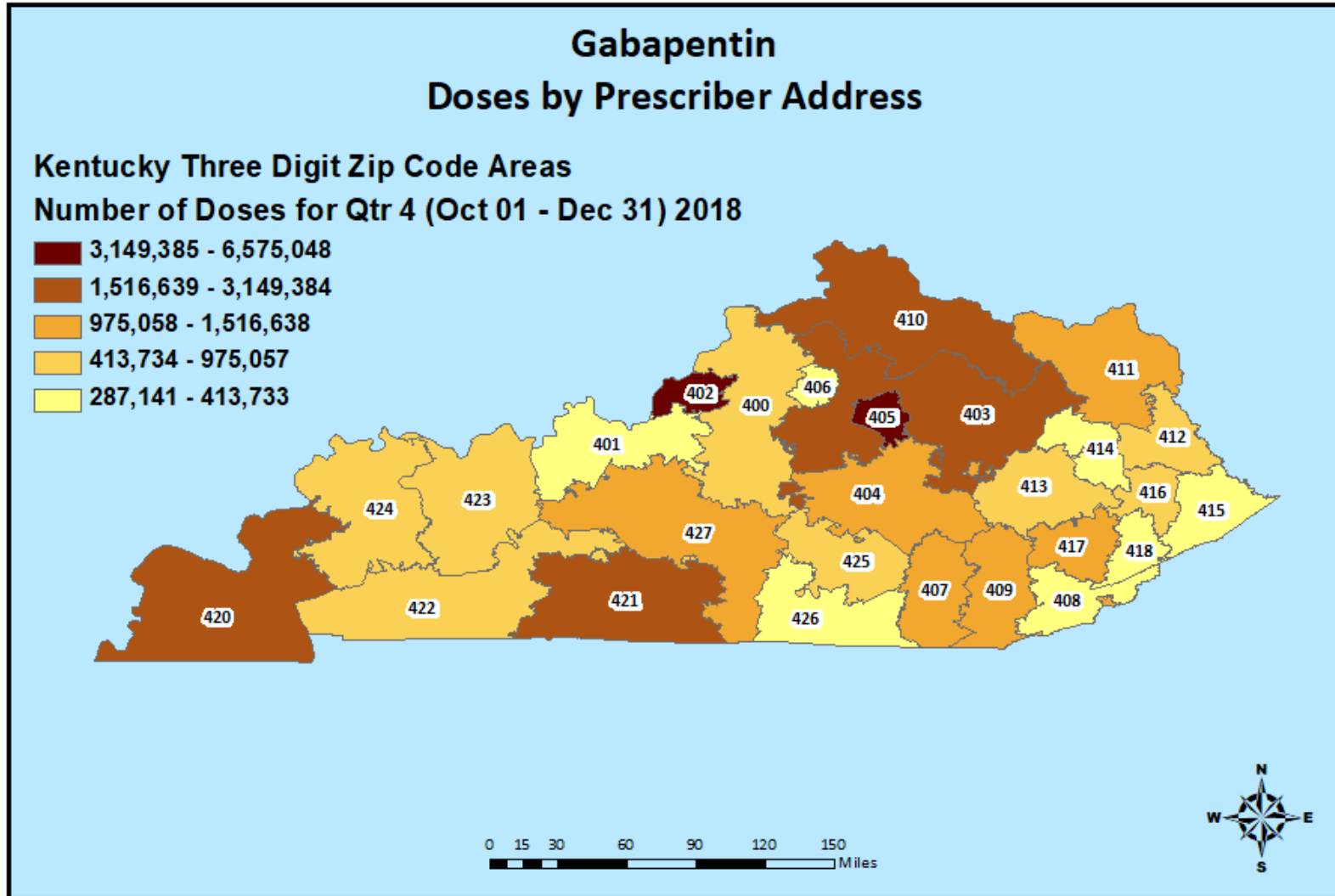
Tramadol Usage Q4 2018

Actual Number of Tramadol Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	38,786	EDMONSON	27,874	KNOX	122,390	NICHOLAS	20,576
ALLEN	37,417	ELLIOTT	12,905	LARUE	34,906	OHIO	77,775
ANDERSON	62,021	ESTILL	58,143	LAUREL	181,891	OLDHAM	83,583
BALLARD	14,567	FAYETTE	567,545	LAWRENCE	52,219	OWEN	26,747
BARREN	71,113	FLEMING	44,077	LEE	26,972	OWSLEY	20,624
BATH	45,416	FLOYD	147,036	LESLIE	34,044	PENDLETON	26,208
BELL	158,117	FRANKLIN	117,377	LETCHER	67,562	PERRY	101,587
BOONE	203,332	FULTON	16,949	LEWIS	48,341	PIKE	173,978
BOURBON	52,697	GALLATIN	16,155	LINCOLN	88,107	POWELL	37,097
BOYD	82,950	GARRARD	48,978	LIVINGSTON	26,056	PULASKI	217,357
BOYLE	86,838	GRANT	35,941	LOGAN	51,128	ROBERTSON	5,827
BRACKEN	28,172	GRAVES	90,254	LYON	20,384	ROCKCASTLE	51,816
BREATHITT	35,684	GRAYSON	120,719	MADISON	243,285	ROWAN	75,293
BRECKINRIDGE	51,280	GREEN	32,528	MAGOFFIN	49,611	RUSSELL	9,577
BULLITT	139,692	GREENUP	174,185	MARION	39,225	SCOTT	118,884
BUTLER	29,002	HANCOCK	20,997	MARSHALL	78,278	SHELBY	83,706
CALDWELL	36,927	HARDIN	225,799	MARTIN	50,952	SIMPSON	28,688
CALLOWAY	79,655	HARLAN	140,657	MASON	39,340	SPENCER	40,277
CAMPBELL	119,807	HARRISON	52,724	MCCRACKEN	131,828	TAYLOR	85,221
CARLISLE	15,048	HART	28,348	MCCREARY	47,308	TODD	20,415
CARROLL	30,908	HENDERSON	117,648	MCLEAN	21,039	TRIGG	35,854
CARTER	85,897	HENRY	34,702	MEADE	53,794	TRIMBLE	20,360
CASEY	50,023	HICKMAN	10,297	MENIFEE	19,954	UNION	40,960
CHRISTIAN	81,739	HOPKINS	103,335	MERCER	61,558	WARREN	167,232
CLARK	82,187	JACKSON	42,919	METCALFE	21,797	WASHINGTON	27,409
CLAY	85,097	JEFFERSON	1,058,885	MONROE	17,000	WAYNE	66,293
CLINTON	23,311	JESSAMINE	127,296	MONTGOMERY	112,723	WEBSTER	41,781
CRITTENDEN	23,302	JOHNSON	96,511	MORGAN	77,312	WHITLEY	165,982
CUMBERLAND	9,404	KENTON	210,925	MUHLENBERG	78,976	WOLFE	18,431
DAVISS	142,134	KNOTT	71,873	NELSON	88,899	WOODFORD	67,528
						TOTAL	9,800,050

Per 1000 Tramadol Usage Q4 2018

Actual Number of Tramadol Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	2,012	EDMONSON	2,301	KNOX	3,862	NICHOLAS	2,905
ALLEN	1,814	ELLIOTT	1,701	LARUE	2,476	OHIO	3,190
ANDERSON	2,799	ESTILL	4,064	LAUREL	3,019	OLDHAM	1,275
BALLARD	1,809	FAYETTE	1,782	LAWRENCE	3,292	OWEN	2,513
BARREN	1,616	FLEMING	3,038	LEE	4,099	OWSLEY	4,592
BATH	3,684	FLOYD	3,962	LESLIE	3,231	PENDLETON	1,800
BELL	5,831	FRANKLIN	2,322	LETCHER	2,967	PERRY	3,715
BOONE	1,582	FULTON	2,743	LEWIS	3,596	PIKE	2,873
BOURBON	2,631	GALLATIN	1,877	LINCOLN	3,615	POWELL	3,014
BOYD	1,723	GARRARD	2,832	LIVINGSTON	2,811	PULASKI	3,399
BOYLE	2,893	GRANT	1,442	LOGAN	1,923	ROBERTSON	2,704
BRACKEN	3,354	GRAVES	2,427	LYON	2,526	ROCKCASTLE	3,075
BREATHITT	2,686	GRAYSON	4,610	MADISON	2,023	ROWAN	3,079
BRECKINRIDGE	2,569	GREEN	2,941	MAGOFFIN	2,702	RUSSELL	540
BULLITT	1,765	GREENUP	4,853	MARION	2,220	SCOTT	2,203
BUTLER	2,258	HANCOCK	2,383	MARSHALL	2,717	SHELBY	1,804
CALDWELL	2,938	HARDIN	2,104	MARTIN	3,911	SIMPSON	1,586
CALLOWAY	2,072	HARLAN	5,177	MASON	2,042	SPENCER	2,204
CAMPBELL	1,299	HARRISON	2,828	MCCRACKEN	2,496	TAYLOR	3,356
CARLISLE	3,099	HART	1,522	MCCREARY	4,245	TODD	1,660
CARROLL	2,894	HENDERSON	2,544	MCLEAN	2,289	TRIGG	2,514
CARTER	3,176	HENRY	2,194	MEADE	1,913	TRIMBLE	2,362
CASEY	3,163	HICKMAN	2,225	MENIFEE	3,114	UNION	2,753
CHRISTIAN	1,130	HOPKINS	2,251	MERCER	2,866	WARREN	1,332
CLARK	2,295	JACKSON	3,211	METCALFE	2,176	WASHINGTON	2,249
CLAY	4,098	JEFFERSON	1,384	MONROE	1,606	WAYNE	3,241
CLINTON	2,291	JESSAMINE	2,431	MONTGOMERY	4,059	WEBSTER	3,138
CRITTENDEN	2,536	JOHNSON	4,200	MORGAN	5,814	WHITLEY	4,598
CUMBERLAND	1,396	KENTON	1,279	MUHLENBERG	2,545	WOLFE	2,575
DAVISS	1,426	KNOTT	4,624	NELSON	1,951	WOODFORD	2,585

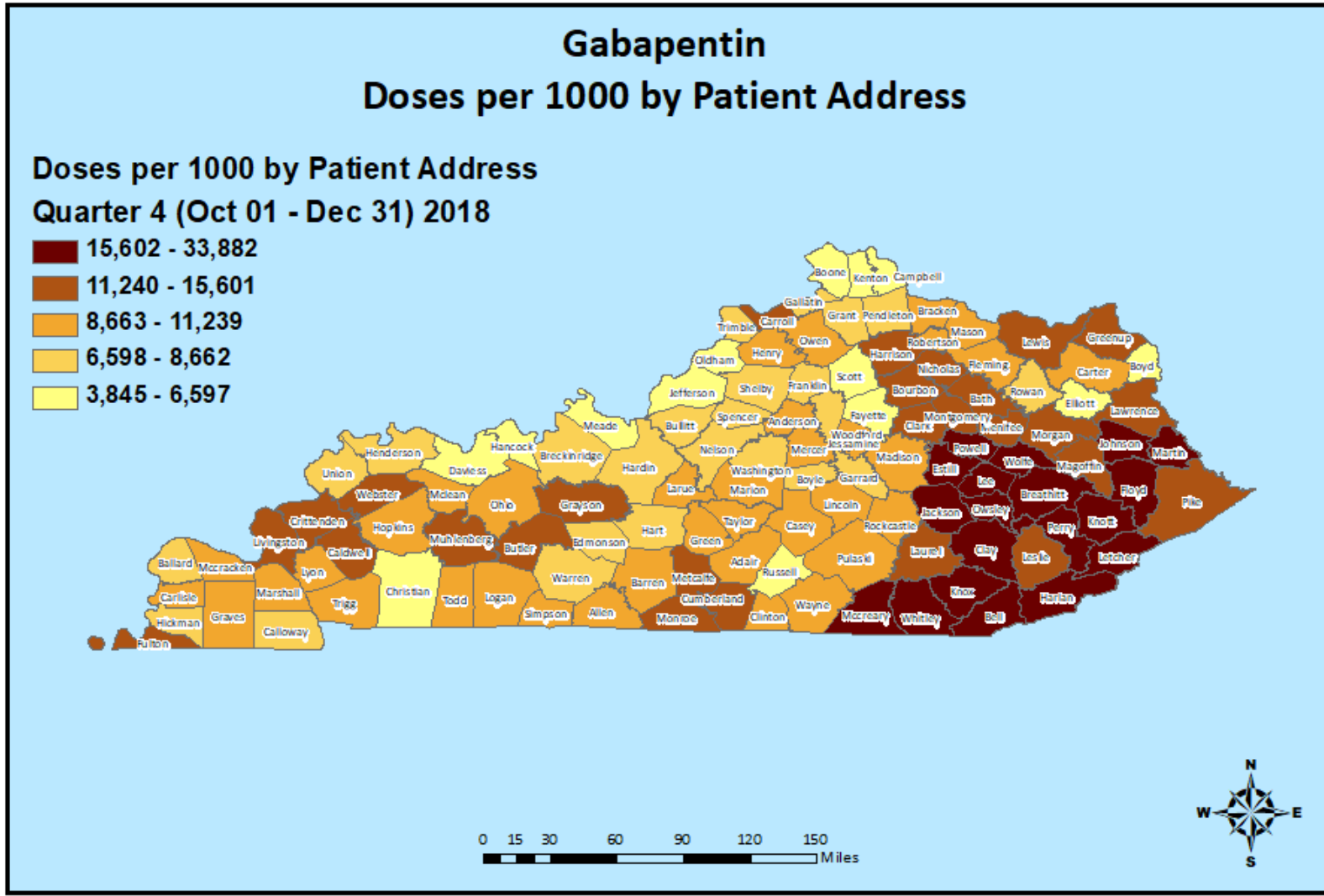
Gabapentin Prescribing Q4 2018



Gabapentin Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Gabapentin Doses for Quarter 4, 2018
400	975,057
401	413,733
402	6,575,048
403	2,232,417
404	1,407,749
405	4,850,812
406	365,824
407	1,444,565
408	318,415
409	1,082,143
410	3,149,384
411	1,209,387
412	670,079
413	580,854
414	287,141
415	318,786
416	756,414
417	1,184,765
418	288,578
420	2,283,214
421	2,315,843
422	695,582
423	651,170
424	953,373
425	572,421
426	370,612
427	1,516,638
Totals	37,470,004

Gabapentin Usage Q4 2018



Gabapentin Usage

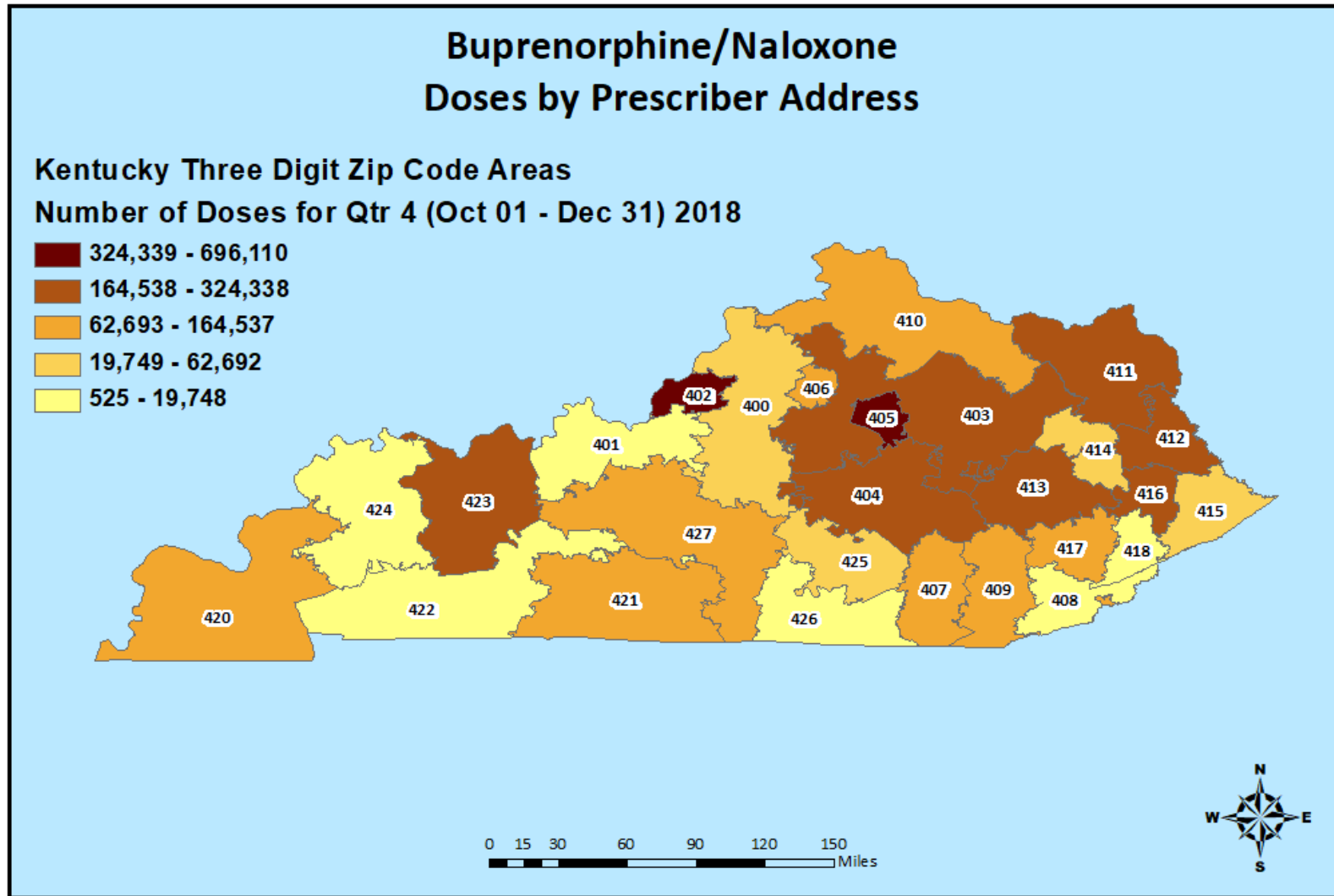
Q4 2018

Actual Number of Gabapentin Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	181,070	EDMONSON	104,928	KNOX	569,227	NICHOLAS	110,518
ALLEN	200,801	ELLIOTT	49,695	LARUE	131,605	OHIO	250,521
ANDERSON	202,405	ESTILL	281,284	LAUREL	725,182	OLDHAM	296,960
BALLARD	66,145	FAYETTE	1,722,726	LAWRENCE	230,287	OWEN	95,297
BARREN	424,884	FLEMING	146,442	LEE	157,509	OWSLEY	152,165
BATH	183,333	FLOYD	857,740	LESLIE	148,547	PENDLETON	125,423
BELL	504,950	FRANKLIN	398,508	LETCHER	510,524	PERRY	701,131
BOONE	719,720	FULTON	80,152	LEWIS	157,675	PIKE	749,996
BOURBON	228,286	GALLATIN	66,130	LINCOLN	236,623	POWELL	255,013
BOYD	313,471	GARRARD	141,952	LIVINGSTON	108,298	PULASKI	604,395
BOYLE	240,458	GRANT	195,227	LOGAN	280,504	ROBERTSON	20,734
BRACKEN	81,743	GRAVES	417,895	LYON	75,219	ROCKCASTLE	156,067
BREATHITT	242,898	GRAYSON	362,053	MADISON	804,017	ROWAN	183,554
BRECKINRIDGE	155,386	GREEN	104,662	MAGOFFIN	307,037	RUSSELL	68,142
BULLITT	539,174	GREENUP	528,081	MARION	178,508	SCOTT	346,018
BUTLER	146,377	HANCOCK	56,173	MARSHALL	342,789	SHELBY	333,851
CALDWELL	160,455	HARDIN	828,882	MARTIN	234,999	SIMPSON	160,569
CALLOWAY	298,673	HARLAN	484,664	MASON	156,308	SPENCER	157,920
CAMPBELL	579,293	HARRISON	217,021	MCCRACKEN	652,676	TAYLOR	274,599
CARLISLE	48,500	HART	160,337	MCCREARY	211,903	TODD	113,042
CARROLL	131,932	HENDERSON	348,007	MCLEAN	102,911	TRIGG	137,419
CARTER	243,501	HENRY	148,401	MEADE	141,334	TRIMBLE	65,349
CASEY	144,325	HICKMAN	33,395	MENIFEE	85,864	UNION	112,326
CHRISTIAN	426,565	HOPKINS	493,797	MERCER	209,982	WARREN	890,473
CLARK	420,351	JACKSON	233,265	METCALFE	123,439	WASHINGTON	97,183
CLAY	569,612	JEFFERSON	5,048,770	MONROE	124,871	WAYNE	198,385
CLINTON	113,959	JESSAMINE	475,494	MONTGOMERY	374,860	WEBSTER	152,981
CRITTENDEN	110,616	JOHNSON	407,655	MORGAN	184,643	WHITLEY	832,052
CUMBERLAND	77,250	KENTON	846,355	MUHLENBERG	430,192	WOLFE	133,178
DAVISS	426,539	KNOTT	358,178	NELSON	364,405	WOODFORD	199,329
						TOTAL	40,117,069

Per 1000 Gabapentin Usage Q4 2018

Actual Number of Gabapentin Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	9,392	EDMONSON	8,662	KNOX	17,964	NICHOLAS	15,601
ALLEN	9,733	ELLIOTT	6,549	LARUE	9,336	OHIO	10,277
ANDERSON	9,135	ESTILL	19,661	LAUREL	12,036	OLDHAM	4,530
BALLARD	8,213	FAYETTE	5,410	LAWRENCE	14,517	OWEN	8,955
BARREN	9,658	FLEMING	10,095	LEE	23,938	OWSLEY	33,882
BATH	14,872	FLOYD	23,113	LESLIE	14,096	PENDLETON	8,614
BELL	18,621	FRANKLIN	7,882	LETCHER	22,418	PERRY	25,642
BOONE	5,599	FULTON	12,972	LEWIS	11,730	PIKE	12,385
BOURBON	11,397	GALLATIN	7,681	LINCOLN	9,709	POWELL	20,719
BOYD	6,513	GARRARD	8,209	LIVINGSTON	11,684	PULASKI	9,450
BOYLE	8,010	GRANT	7,833	LOGAN	10,548	ROBERTSON	9,621
BRACKEN	9,731	GRAVES	11,239	LYON	9,322	ROCKCASTLE	9,262
BREATHITT	18,285	GRAYSON	13,827	MADISON	10,016	ROWAN	7,507
BRECKINRIDGE	7,784	GREEN	9,463	MAGOFFIN	12,101	RUSSELL	3,845
BULLITT	6,812	GREENUP	14,713	MARION	10,861	SCOTT	6,411
BUTLER	11,396	HANCOCK	6,376	MARSHALL	8,979	SHELBY	7,194
CALDWELL	12,767	HARDIN	7,724	MARTIN	24,207	SIMPSON	8,880
CALLOWAY	7,770	HARLAN	17,840	MASON	9,295	SPENCER	8,642
CAMPBELL	6,282	HARRISON	11,639	MCCRACKEN	10,929	TAYLOR	10,812
CARLISLE	9,990	HART	8,608	MCCREARY	19,580	TODD	9,194
CARROLL	12,354	HENDERSON	7,524	MCLEAN	9,093	TRIGG	9,634
CARTER	9,003	HENRY	9,382	MEADE	5,025	TRIMBLE	7,581
CASEY	9,126	HICKMAN	7,217	MENIFEE	13,400	UNION	7,549
CHRISTIAN	5,896	HOPKINS	10,757	MERCER	9,777	WARREN	7,094
CLARK	11,735	JACKSON	17,450	METCALFE	12,322	WASHINGTON	7,973
CLAY	27,430	JEFFERSON	6,597	MONROE	11,794	WAYNE	9,700
CLINTON	11,198	JESSAMINE	9,082	MONTGOMERY	13,498	WEBSTER	11,489
CRITTENDEN	12,039	JOHNSON	17,741	MORGAN	13,885	WHITLEY	23,051
CUMBERLAND	11,465	KENTON	5,131	MUHLENBERG	13,865	WOLFE	18,603
DAVISS	4,279	KNOTT	23,043	NELSON	7,999	WOODFORD	7,630

Buprenorphine/Naloxone Prescribing Q4 2018



Buprenorphine/Naloxone Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Buprenorphine/Naloxone Doses for Quarter 4, 2018
400	33,752
401	3,874
402	536,636
403	324,338
404	266,885
405	696,110
406	85,309
407	161,674
408	12,119
409	89,464
410	116,411
411	209,255
412	207,418
413	238,042
414	41,570
415	45,880
416	210,242
417	117,008
418	19,748
420	164,537
421	121,281
422	11,549
423	210,132
424	2,078
425	62,692
426	525
427	129,209
Totals	4,117,738

Buprenorphine/Naloxone Usage

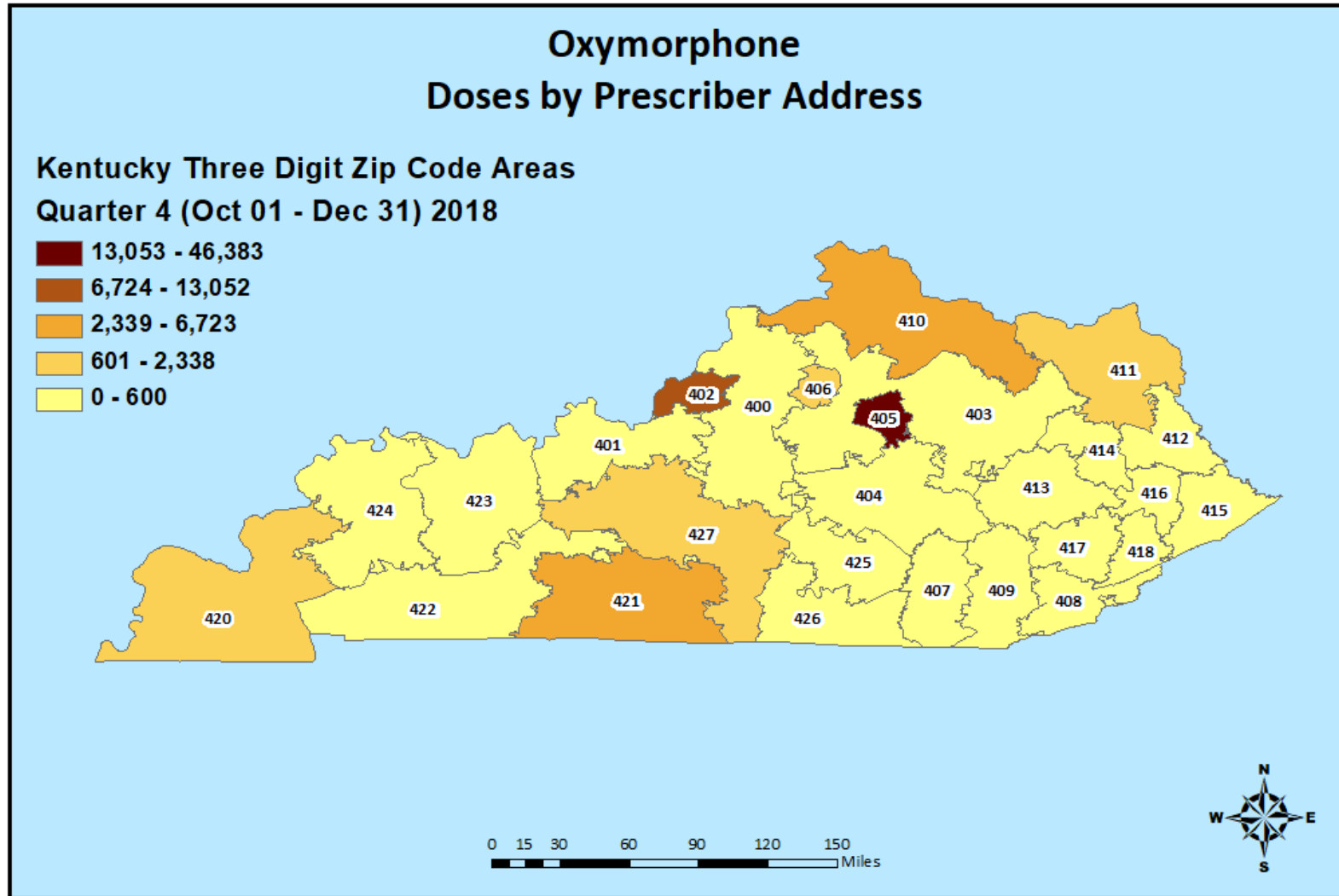
Q4 2018

Actual Number of Buprenorphine/Naloxone Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	24,992	EDMONSON	4,701	KNOX	55,996	NICHOLAS	25,225
ALLEN	13,345	ELLIOTT	14,504	LARUE	5,040	OHIO	18,087
ANDERSON	22,629	ESTILL	47,808	LAUREL	123,575	OLDHAM	16,339
BALLARD	3,837	FAYETTE	217,248	LAWRENCE	49,558	OWEN	6,929
BARREN	37,682	FLEMING	13,813	LEE	29,137	OWSLEY	23,597
BATH	36,704	FLOYD	185,734	LESLIE	40,424	PENDLETON	7,781
BELL	66,977	FRANKLIN	58,237	LETCHER	97,527	PERRY	132,092
BOONE	35,400	FULTON	3,175	LEWIS	19,698	PIKE	178,530
BOURBON	53,697	GALLATIN	5,341	LINCOLN	31,880	POWELL	45,859
BOYD	72,099	GARRARD	21,845	LIVINGSTON	8,335	PULASKI	83,897
BOYLE	28,418	GRANT	13,714	LOGAN	9,923	ROBERTSON	1,774
BRACKEN	3,503	GRAVES	22,509	LYON	5,635	ROCKCASTLE	26,229
BREATHITT	56,389	GRAYSON	9,245	MADISON	131,503	ROWAN	39,445
BRECKINRIDGE	4,617	GREEN	8,981	MAGOFFIN	73,891	RUSSELL	9,669
BULLITT	43,828	GREENUP	76,844	MARION	21,301	SCOTT	71,554
BUTLER	7,068	HANCOCK	1,693	MARSHALL	25,833	SHELBY	20,357
CALDWELL	12,692	HARDIN	33,730	MARTIN	50,351	SIMPSON	7,301
CALLOWAY	13,770	HARLAN	90,601	MASON	9,225	SPENCER	10,503
CAMPBELL	30,639	HARRISON	27,458	MCCRACKEN	52,066	TAYLOR	24,641
CARLISLE	3,539	HART	12,454	MCCREARY	28,089	TODD	4,745
CARROLL	12,073	HENDERSON	12,195	MCLEAN	6,794	TRIGG	8,289
CARTER	62,285	HENRY	9,957	MEADE	7,288	TRIMBLE	4,919
CASEY	19,194	HICKMAN	1,984	MENIFEE	16,507	UNION	1,558
CHRISTIAN	23,383	HOPKINS	46,401	MERCER	27,278	WARREN	52,347
CLARK	84,540	JACKSON	28,038	METCALFE	9,850	WASHINGTON	8,986
CLAY	76,103	JEFFERSON	304,269	MONROE	8,199	WAYNE	31,536
CLINTON	9,626	JESSAMINE	84,197	MONTGOMERY	76,431	WEBSTER	6,095
CRITTENDEN	10,096	JOHNSON	80,425	MORGAN	27,311	WHITLEY	134,308
CUMBERLAND	8,829	KENTON	56,887	MUHLENBERG	69,248	WOLFE	15,038
DAVISS	18,371	KNOTT	49,030	NELSON	28,981	WOODFORD	21,910
						TOTAL	4,625,757

Per 1000 Buprenorphine/Naloxone Usage Q4 2018

Actual Number of Buprenorphine/Naloxone Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	1,296	EDMONSON	388	KNOX	1,767	NICHOLAS	3,561
ALLEN	647	ELLIOTT	1,911	LARUE	358	OHIO	742
ANDERSON	1,021	ESTILL	3,342	LAUREL	2,051	OLDHAM	249
BALLARD	476	FAYETTE	682	LAWRENCE	3,124	OWEN	651
BARREN	857	FLEMING	952	LEE	4,428	OWSLEY	5,254
BATH	2,978	FLOYD	5,005	LESLIE	3,836	PENDLETON	534
BELL	2,470	FRANKLIN	1,152	LETCHER	4,283	PERRY	4,831
BOONE	275	FULTON	514	LEWIS	1,465	PIKE	2,948
BOURBON	2,681	GALLATIN	620	LINCOLN	1,308	POWELL	3,726
BOYD	1,498	GARRARD	1,263	LIVINGSTON	899	PULASKI	1,312
BOYLE	947	GRANT	550	LOGAN	373	ROBERTSON	823
BRACKEN	417	GRAVES	605	LYON	698	ROCKCASTLE	1,557
BREATHITT	4,245	GRAYSON	353	MADISON	799	ROWAN	1,613
BRECKINRIDGE	231	GREEN	812	MAGOFFIN	1,604	RUSSELL	546
BULLITT	554	GREENUP	2,141	MARION	717	SCOTT	1,326
BUTLER	550	HANCOCK	192	MARSHALL	1,469	SHELBY	439
CALDWELL	1,010	HARDIN	314	MARTIN	5,826	SIMPSON	404
CALLOWAY	358	HARLAN	3,335	MASON	1,109	SPENCER	575
CAMPBELL	332	HARRISON	1,473	MCCRACKEN	824	TAYLOR	970
CARLISLE	729	HART	669	MCCREARY	4,195	TODD	386
CARROLL	1,131	HENDERSON	264	MCLEAN	537	TRIGG	581
CARTER	2,303	HENRY	629	MEADE	259	TRIMBLE	571
CASEY	1,214	HICKMAN	429	MENIFEE	2,576	UNION	105
CHRISTIAN	323	HOPKINS	1,011	MERCER	1,270	WARREN	417
CLARK	2,360	JACKSON	2,097	METCALFE	983	WASHINGTON	737
CLAY	3,665	JEFFERSON	398	MONROE	774	WAYNE	1,542
CLINTON	946	JESSAMINE	1,608	MONTGOMERY	2,752	WEBSTER	458
CRITTENDEN	1,099	JOHNSON	3,500	MORGAN	2,054	WHITLEY	3,721
CUMBERLAND	1,310	KENTON	345	MUHLENBERG	2,232	WOLFE	2,101
DAVISS	184	KNOTT	3,154	NELSON	636	WOODFORD	839

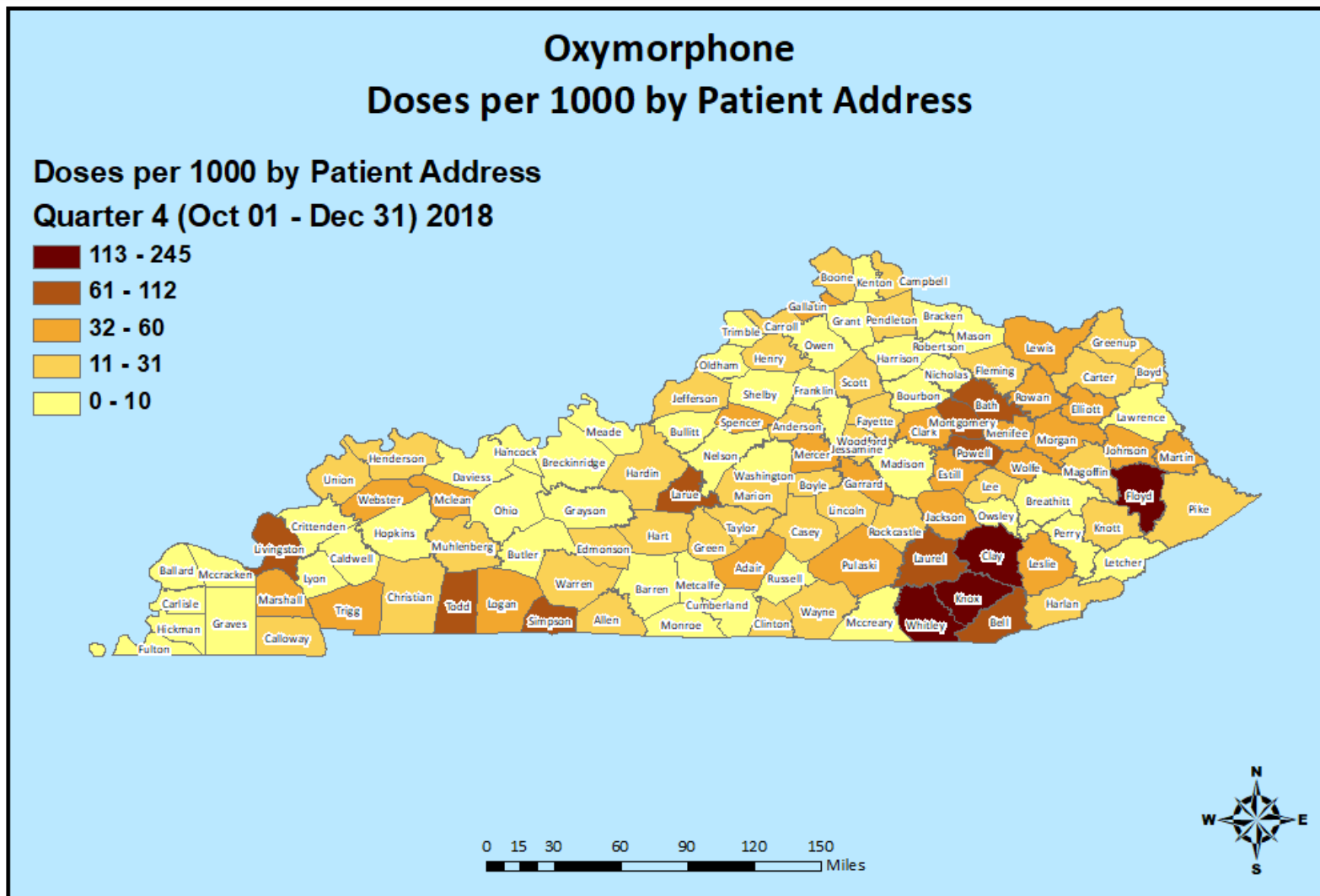
Oxymorphone Prescribing Q4 2018



Oxymorphone Prescribing Q4 2018

3 Digit Zip	Doses By Prescriber Zip-Actual Number of Oxymorphone Doses for Quarter 4, 2018
400	180
401	0
402	13,052
403	420
404	450
405	46,383
406	1,232
407	386
408	236
409	202
410	6,723
411	1,835
412	180
413	336
414	0
415	0
416	360
417	180
418	0
420	2,338
421	4,175
422	600
423	260
424	380
425	240
426	0
427	2,040
Totals	82,188

Oxymorphone Usage Q4 2018



Oxymorphone Usage

Q4 2018

Actual Number of Oxymorphone Doses for Quarter 4, 2018							
COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES	COUNTY	# DOSES
ADAIR	660	EDMONSON	207	KNOX	4,720	NICHOLAS	30
ALLEN	360	ELLIOTT	360	LARUE	1,140	OHIO	0
ANDERSON	540	ESTILL	495	LAUREL	4,956	OLDHAM	450
BALLARD	0	FAYETTE	5,662	LAWRENCE	0	OWEN	0
BARREN	360	FLEMING	360	LEE	180	OWSLEY	0
BATH	1,380	FLOYD	5,310	LESLIE	540	PENDLETON	270
BELL	1,732	FRANKLIN	450	LETCHER	0	PERRY	210
BOONE	2,780	FULTON	0	LEWIS	540	PIKE	1,350
BOURBON	180	GALLATIN	326	LINCOLN	330	POWELL	810
BOYD	660	GARRARD	720	LIVINGSTON	690	PULASKI	3,840
BOYLE	390	GRANT	30	LOGAN	1,286	ROBERTSON	0
BRACKEN	0	GRAVES	180	LYON	0	ROCKCASTLE	360
BREATHITT	90	GRAYSON	60	MADISON	3,690	ROWAN	1,140
BRECKINRIDGE	0	GREEN	180	MAGOFFIN	450	RUSSELL	0
BULLITT	450	GREENUP	680	MARION	90	SCOTT	1,650
BUTLER	0	HANCOCK	0	MARSHALL	208	SHELBY	0
CALDWELL	0	HARDIN	2,580	MARTIN	0	SIMPSON	1,630
CALLOWAY	840	HARLAN	584	MASON	750	SPENCER	1,020
CAMPBELL	1,199	HARRISON	0	MCCRACKEN	0	TAYLOR	600
CARLISLE	0	HART	390	MCCREARY	390	TODD	780
CARROLL	290	HENDERSON	890	MCLEAN	180	TRIGG	540
CARTER	435	HENRY	390	MEADE	0	TRIMBLE	0
CASEY	360	HICKMAN	0	MENIFEE	270	UNION	420
CHRISTIAN	1,008	HOPKINS	180	MERCER	760	WARREN	1,808
CLARK	1,380	JACKSON	630	METCALFE	0	WASHINGTON	0
CLAY	3,550	JEFFERSON	10,482	MONROE	0	WAYNE	270
CLINTON	285	JESSAMINE	990	MONTGOMERY	2,568	WEBSTER	435
CRITTENDEN	0	JOHNSON	960	MORGAN	600	WHITLEY	8,828
CUMBERLAND	0	KENTON	1,598	MUHLENBERG	818	WOLFE	360
DAVISS	240	KNOTT	480	NELSON	120	WOODFORD	60
						TOTAL	106,480

Per 1000 Oxymorphone Usage Q4 2018

Actual Number of Oxymorphone Doses per 1,000 Residents for Quarter 4, 2018							
COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000	COUNTY	PER 1000
ADAIR	34	EDMONSON	17	KNOX	149	NICHOLAS	4
ALLEN	17	ELLIOTT	47	LARUE	81	OHIO	0
ANDERSON	24	ESTILL	35	LAUREL	82	OLDHAM	7
BALLARD	0	FAYETTE	18	LAWRENCE	0	OWEN	0
BARREN	8	FLEMING	25	LEE	27	OWSLEY	0
BATH	112	FLOYD	143	LESLIE	51	PENDLETON	19
BELL	64	FRANKLIN	9	LETCHER	0	PERRY	8
BOONE	22	FULTON	0	LEWIS	40	PIKE	22
BOURBON	9	GALLATIN	38	LINCOLN	14	POWELL	66
BOYD	14	GARRARD	42	LIVINGSTON	74	PULASKI	60
BOYLE	13	GRANT	1	LOGAN	48	ROBERTSON	0
BRACKEN	0	GRAVES	5	LYON	0	ROCKCASTLE	21
BREATHITT	7	GRAYSON	2	MADISON	0	ROWAN	47
BRECKINRIDGE	0	GREEN	16	MAGOFFIN	22	RUSSELL	0
BULLITT	6	GREENUP	19	MARION	19	SCOTT	31
BUTLER	0	HANCOCK	0	MARSHALL	41	SHELBY	0
CALDWELL	0	HARDIN	24	MARTIN	35	SIMPSON	90
CALLOWAY	22	HARLAN	21	MASON	5	SPENCER	56
CAMPBELL	13	HARRISON	0	MCCRACKEN	7	TAYLOR	24
CARLISLE	0	HART	21	MCCREARY	0	TODD	63
CARROLL	27	HENDERSON	19	MCLEAN	44	TRIGG	38
CARTER	16	HENRY	25	MEADE	0	TRIMBLE	0
CASEY	23	HICKMAN	0	MENIFEE	42	UNION	28
CHRISTIAN	14	HOPKINS	4	MERCER	35	WARREN	14
CLARK	39	JACKSON	47	METCALFE	0	WASHINGTON	0
CLAY	171	JEFFERSON	14	MONROE	0	WAYNE	13
CLINTON	28	JESSAMINE	19	MONTGOMERY	92	WEBSTER	33
CRITTENDEN	0	JOHNSON	42	MORGAN	45	WHITLEY	245
CUMBERLAND	0	KENTON	10	MUHLENBERG	26	WOLFE	50
DAVISS	2	KNOTT	31	NELSON	3	WOODFORD	2