2017-18 Buprenorphine County prescriber counts, and mean monthly census and buprenorphine treatment episode duration for Kentucky

County	State	Buprenorphine Patient Months- All Prescribers	Buprenorphine Episode- Primary Prescribers	Buprenorphine Episode Primary Prescriber Mean Patient Census	Buprenorphine Episode Mean Days' Supply
Adair	KY	6,534	<10	249	126
Barren	KY	4,841	<10	148	261
Bath	KY	1,075	<10	54	148
Bell	KY	3,844	<10	71	136
Boone	KY	2,258	<10	29	399
Bourbon	KY	3,810	<10	129	255
Boyd	KY	25,822	21	116	270
Boyle	KY	25,375	23	92	420
Breathitt	KY	21,474	<10	234	224
Caldwell	KY	1,270	<10	30	454
Calloway	KY	2,300	<10	111	272
Campbell	KY	3,156	<10	36	177
Carlisle	KY	11	<10	1	1
Carter	KY	2,030	<10	222	329
Christian	KY	1,044	<10	17	203
Clark	KY	8,600	<10	120	167
Clay	KY	8,327	10	93	134
Daviess	KY	7,824	<10	108	209
Elliott	KY	14	<10	1	4
Fayette	KY	102,584	120	81	276
Floyd	KY	17,113	16	109	276
Franklin	KY	14,180	<10	130	352
Garrard	KY	718	<10	82	295
Graves	KY	7,463	<10	155	91
Grayson	KY	44	<10	10	30
Green	KY	1,234	<10	25	1,270
Hardin	KY	6,624	15	91	171
Harlan	KY	1,222	<10	28	207
Harrison	KY	7,295	<10	232	93
Hart	KY	210	<10	29	140
Henry	KY	1,163	<10	59	122
Hickman	KY	<10	<10	1	30
Hopkins	KY	374	<10	7	489
Jefferson	KY	82,793	121	76	264
Jessamine	KY	3,751	<10	66	644
Johnson	KY	11,500	<10	118	579
Kenton	KY	20,590	24	78	356
Knott	KY	<10	<10	1	28
Laurel	KY	22,793	26	76	234
Lawrence	KY	9,706	<10	260	416

Lee	KY	5,536	<10	207	344
Leslie	KY	1,165	<10	70	95
Letcher	KY	2,893	10	33	154
Livingston	KY	21	<10	1	159
Lyon	KY	333	<10	26	143
Mccracken	KY	11,354	19	70	230
Madison	KY	14,843	12	108	187
Magoffin	KY	611	<10	35	115
Marion	KY	446	<10	36	606
Marshall	KY	<10	<10	1	1
Martin	KY	3,664	<10	47	282
Mason	KY	<10	<10	1	8
Menifee	KY	5,087	<10	173	76
Monroe	KY	1,504	<10	67	120
Montgomery	KY	4,758	<10	70	183
Morgan	KY	5,113	<10	186	122
Muhlenberg	KY	16,291	11	148	149
Nelson	KY	67	<10	4	29
Oldham	KY	3,781	<10	118	393
Owsley	KY	48	<10	1	7
Pendleton	KY	518	<10	63	303
Perry	KY	15,675	21	81	188
Pike	KY	57,566	31	176	269
Powell	KY	2,356	<10	78	88
Pulaski	KY	8,612	10	74	220
Rockcastle	KY	3,152	<10	268	534
Rowan	KY	1,116	<10	15	263
Russell	KY	1,606	<10	71	191
Scott	KY	8,742	<10	126	159
Shelby	KY	1,426	<10	81	205
Taylor	KY	7,803	<10	224	373
Warren	KY	12,390	17	69	175
Wayne	KY	4,291	<10	79	75
Whitley	KY	4,355	16	32	180
Wolfe	KY	5,204	<10	189	231
Woodford	KY	9,267	<10	143	384

Table notes:

Table data was generated from IQVIA Longitudinal Prescription Data which captures approximately 90% of all prescriptions filled at retail pharmacies in the U.S. IQVIA web site accessible at: https://www.iqvia.com/solutions/realworld-evidence/real-world-data-and-insights.

Patient months: For every active buprenorphine prescriber, we calculated the total patient-months of care for 2017-2018. An active buprenorphine patient for one month contributed one patient-month of care. A patient possessing buprenorphine from a prescription in a month was considered an active patient; for example, a patient filling a 30-day prescription on September 15th was defined as an active patient in both September and October.

Episode and episode days' supply definition: Episodes that were active in 2017 and 2018 started with the first observed fill date of any buprenorphine prescription following a clean period, defined as at least a 90-day period after the day's supply of any

prior buprenorphine prescription had run out. An episode lasted through the last day of the supply of medication for the last filled buprenorphine prescription, with no more than a 30-day gap between the last day's supply of one prescription and the filling of the subsequent prescription. Episode days' supply is the cumulative days' supply from the first filled prescription to the last day of supply of the last filled prescription. Overlapping buprenorphine prescriptions filled on the same day were treated as being taken concurrently; overlapping buprenorphine prescriptions not filled on the same day were treated as early refills and were treated as being take sequentially.

Episode primary prescriber: Episodes active in 2017 and 2018 as defined above in which the patient filled buprenorphine prescriptions from 2 or more prescribers were attributed to the prescriber (the primary prescriber) who wrote the majority of buprenorphine days of supply during the episode. Note that not all active prescribers were primary prescribers for an episode; examples include a prescriber who may have written one prescription during an episode to cover for the primary prescriber or a prescriber who started the episode but then transfrerred care of the patient to a primary prescriber who was responsible for more of the days supply than the initial prescriber.

Primary prescriber patient census: For each prescriber, the number of patients with an active episode in 2017 or 2018 for which the prescriber was the primary prescriber.