

Appendix
Trends in State-Level Pharmacy-Based Naloxone Dispensing Rates, 2012–2019
Guy Jr. et al.

Appendix Table 1. Naloxone Prescriptions Dispensed Per 100 High-Dose Opioid Prescriptions,^a by State, 2012–2019

State	2012	2013	2014	2015	2016	2017	2018	2019	APC 2012 to 2019	APC 2016 to 2019
AK	0.00	0.00	0.00	0.01	0.04	0.40	0.82	1.33	259.06**	201.12
AL	0.00	0.00	0.01	0.04	0.12	0.26	0.74	1.45	226.45**	135.6**
AR	0.00	0.00	0.00	0.00	0.02	0.13	1.22	1.37	218.89**	317.02
AZ	0.00	0.00	0.00	0.01	0.12	0.59	2.50	3.65	343.03**	224.13*
CA	0.00	0.01	0.02	0.05	0.21	0.35	1.21	7.71	212.02**	231.8*
CO	0.00	0.00	0.01	0.05	0.20	0.42	1.39	2.02	220.21**	126.91*
CT	0.00	0.01	0.02	0.05	0.78	0.97	2.03	2.80	199.2**	57.63*
DC	0.00	0.00	0.02	0.03	0.92	1.28	3.50	11.44	290.47**	135.38*
DE	0.00	0.00	0.05	0.03	0.05	0.27	0.90	1.47	123.11**	203.84*
FL	0.00	0.00	0.01	0.03	0.24	0.31	1.61	1.68	291.4**	110.31
GA	0.00	0.00	0.01	0.02	0.05	0.15	0.66	1.05	141.41**	187.06*
HI	0.00	0.00	0.00	0.01	0.02	0.17	0.93	1.69	310.03**	330.63*
IA	0.00	0.00	0.00	0.00	0.04	0.12	0.63	1.35	197.09**	228.93**
ID	0.00	0.00	0.00	0.01	0.17	0.19	0.87	1.53	193.58**	124.42
IL	0.00	0.00	0.00	0.03	0.08	0.50	1.94	2.41	250.04**	215.44
IN	0.00	0.00	0.00	0.01	0.09	0.39	1.28	1.78	264.91**	176.59*
KS	0.00	0.00	0.03	0.05	0.10	0.19	0.65	1.38	161.16**	146.98**
KY	0.00	0.00	0.01	0.01	0.21	0.61	1.20	2.31	227.09**	119.65**
LA	0.00	0.00	0.01	0.01	0.10	0.18	0.91	1.63	259.38**	172.12*
MA	0.00	0.00	0.03	0.29	1.10	1.80	3.34	4.43	268.66**	61.46**
MD	0.00	0.00	0.05	0.21	0.64	1.30	2.53	5.07	273.86**	99.01**
ME	0.00	0.00	0.01	0.01	0.10	0.34	0.91	2.92	267.65**	202.58**
MI	0.00	0.01	0.00	0.01	0.12	0.60	1.54	2.51	191.21**	175.36*
MN	0.00	0.00	0.01	0.01	0.13	0.34	1.32	2.10	177.17**	163.68*
MO	0.00	0.00	0.01	0.01	0.06	0.30	1.15	1.37	209.39**	187*
MS	0.00	0.00	0.03	0.02	0.03	0.21	0.62	1.42	153.6**	245.98*
MT	0.01	0.01	0.01	0.01	0.07	0.26	0.95	1.56	129.52**	183.3*
NC	0.00	0.00	0.01	0.11	0.50	0.75	1.47	2.42	236.33**	71.65**
ND	0.01	0.01	0.00	0.01	0.11	0.40	0.48	2.93	151.84**	172.77*
NE	0.00	0.00	0.00	0.00	0.03	0.13	0.48	1.08	210.63**	234.8**
NH	0.00	0.00	0.00	0.08	0.25	0.25	0.55	2.00	259.13**	101.56
NJ	0.00	0.00	0.01	0.05	0.17	0.44	0.63	1.04	183.86**	78.06*
NM	0.00	0.00	0.03	0.09	0.83	1.55	4.32	16.64	265.68**	172.23*
NV	0.00	0.00	0.00	0.01	0.35	0.36	0.96	1.91	268.04**	84.03*
NY	0.00	0.00	0.00	0.01	0.16	0.30	0.75	1.48	248.63**	115.61**
OH	0.00	0.00	0.02	0.06	0.26	0.50	1.68	5.01	206.17**	172.57**
OK	0.00	0.00	0.00	0.11	0.40	0.63	1.50	2.14	227.65**	80.62*
OR	0.00	0.00	0.00	0.02	0.13	0.34	1.05	1.98	260.72**	151.16**
PA	0.00	0.00	0.00	0.04	0.27	0.81	2.12	3.88	253.54**	145.31**
RI	0.00	0.01	0.30	0.39	0.80	0.97	8.23	12.97	220.85**	185.84
SC	0.00	0.00	0.00	0.02	0.08	0.22	1.13	1.47	289.57**	181.34*

Appendix
Trends in State-Level Pharmacy-Based Naloxone Dispensing Rates, 2012–2019
Guy Jr. et al.

SD	0.01	0.00	0.01	0.01	0.04	0.22	0.51	1.31	148.08**	214.83*
TN	0.00	0.00	0.00	0.02	0.23	0.64	1.35	2.30	246.25**	114.64*
TX	0.00	0.00	0.00	0.01	0.22	0.41	1.31	2.27	244.01**	126.59*
UT	0.01	0.01	0.01	0.03	0.42	0.72	0.97	1.30	151.13**	44.72*
VA	0.00	0.00	0.01	0.02	0.29	3.34	3.44	5.18	323.36**	139.06
VT	0.00	0.00	0.02	0.02	0.20	2.13	2.07	3.25	278.15**	128.44
WA	0.00	0.00	0.01	0.03	0.23	0.50	1.23	3.06	232.12**	136.97
WI	0.00	0.00	0.00	0.01	0.20	0.60	0.91	2.08	312.69**	110.62*
WV	0.01	0.00	0.01	0.05	0.31	0.95	2.16	4.04	214.77**	133.68**
WY	0.01	0.00	0.00	0.01	0.10	0.39	1.09	1.95	198.23**	170.93*

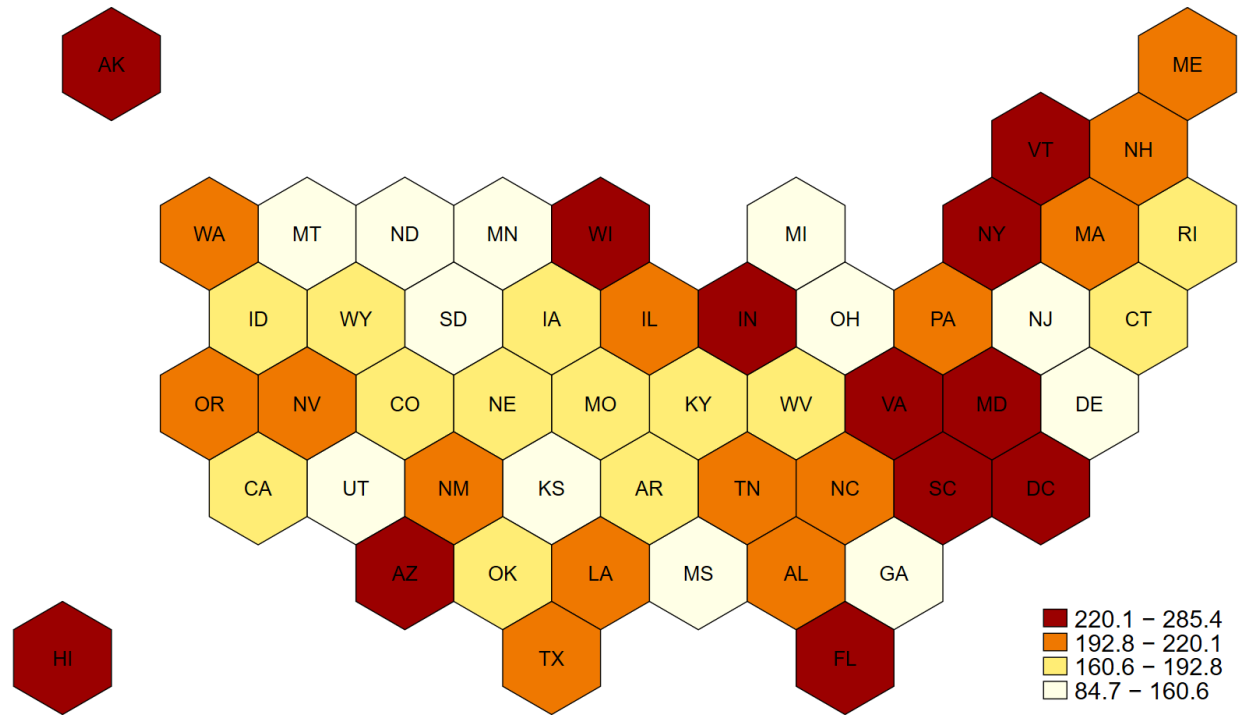
* p -value<0.05, ** p -value<0.01.

^aA high-dosage prescription was defined as having a daily dosage of 50 MME or more.

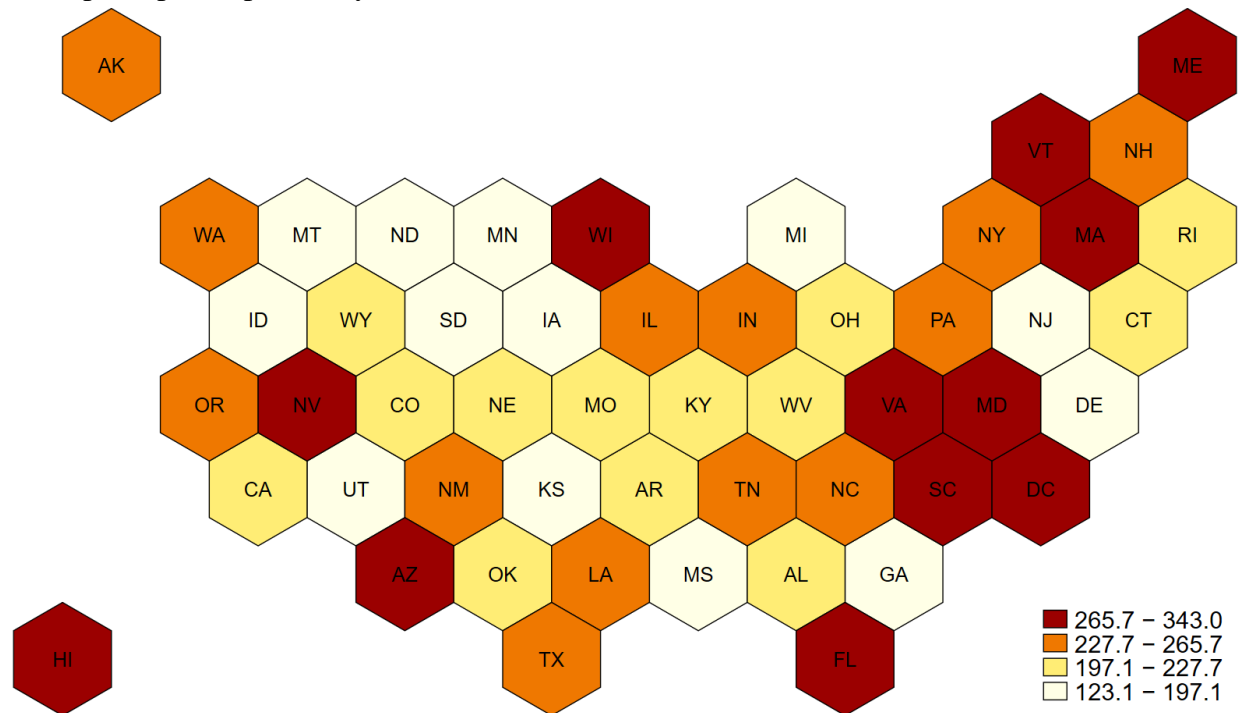
APC, annual percent change.

Appendix
Trends in State-Level Pharmacy-Based Naloxone Dispensing Rates, 2012–2019
 Guy Jr. et al.

Appendix Figure 1A. Annual percent change in naloxone dispensing rate per 100,000 population, by state, 2012–2019.



Appendix Figure 1B. Annual percent change in naloxone prescriptions dispensed per 100 high-dose opioid prescriptions, by state, 2012–2019.



Note: High-dose opioid prescriptions are defined as ≥ 50 morphine milligram equivalents per day.