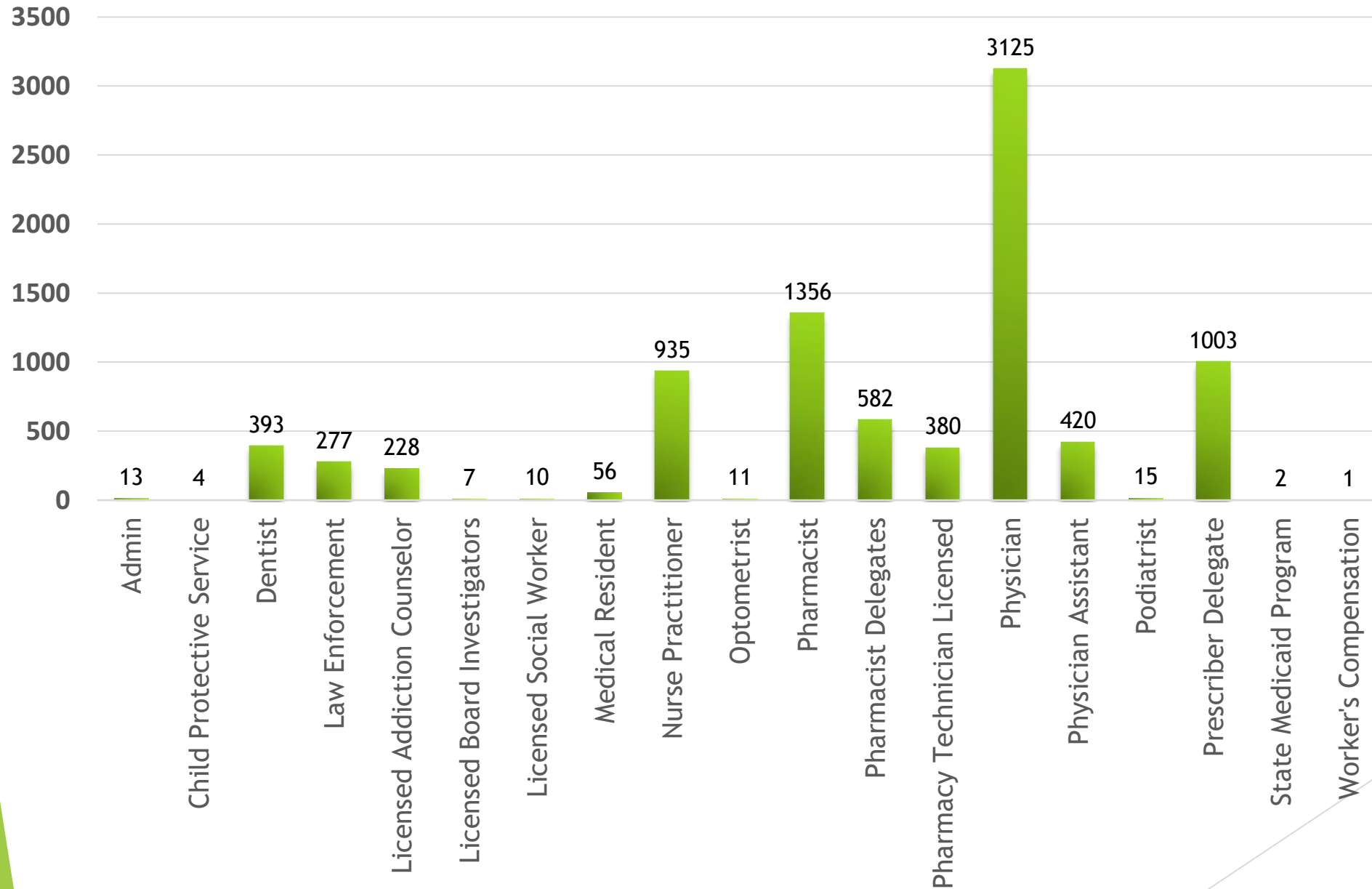


Prescription Drug Monitoring Program Facts, Figures, and Trends 4th Quarter 2019

North Dakota Board of Pharmacy
Kathy Zahn, RPhTech, CPhT, PDMP Program Administrator
1906 E. Broadway Ave
Bismarck, ND 58501
701-328-9537
pdmp@ndboard.pharmacy

User Accounts by Role = 8,818



Number of Users per Month

2015 Users

January	February	March	April	May	June	July	August	September	October	November	December
3131	3184	3268	3316	3366	3406	3480	3582	3623	3680	3739	3786
113	115	128	142	123	144	140	138	140	152	135	147
1038	1061	1146	1122	1086	1146	1249	1266	1210	1277	1282	1254

2016 Users

January	February	March	April	May	June	July	August	September	October	November	December
3849	3951	4018	4083	4155	4204	4301	4409	4479	4530	4600	4654
146	147	172	162	160	162	146	178	155	164	163	158
1361	1397	1425	1474	1467	1448	1550	1604	1534	1532	1494	1510

2017 Users

January	February	March	April	May	June	July	August	September	October	November	December
4748	4812	4885	4961	5053	5116	5181	5280	5327	5486	5588	5804
161	152	179	176	209	197	180	203	194	200	186	175
1623	1483	1635	1784	1824	1817	1765	1838	1548	1700	1798	1810

2018 Users

January	February	March	April	May	June	July	August	September	October	November	December
6041	6911	7084	7192	7260	7313	7396	7520	7585	7658	7281	7386
231	212	236	229	239	208	210	228	193	223	202	189
1912	2672	2065	1920	1891	1919	1962	1989	1847	1964	1822	1823

2019 Users

January	February	March	April	May	June	July	August	September	October	November	December
7457	7511	7585	7653	7685	7743	7792	7898	7974	8058	8132	8217
204	176	177	182	191	185	204	210	214	316	297	295
1774	1825	1526	1577	1614	1640	1636	1826	1828	1898	1858	1861

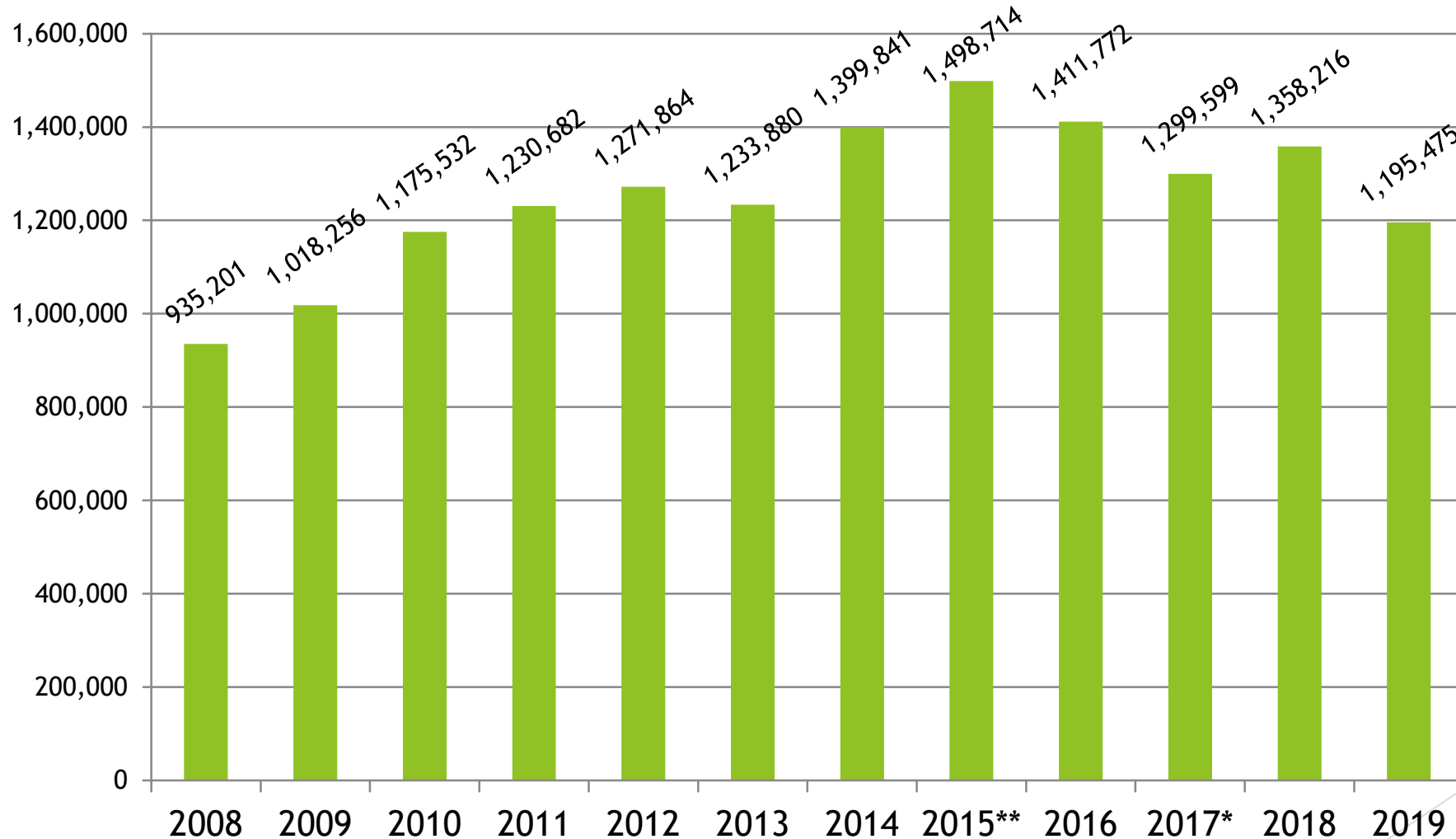
Chart Legend

Total Users

Avg. Daily Active Users

Monthly Active Users

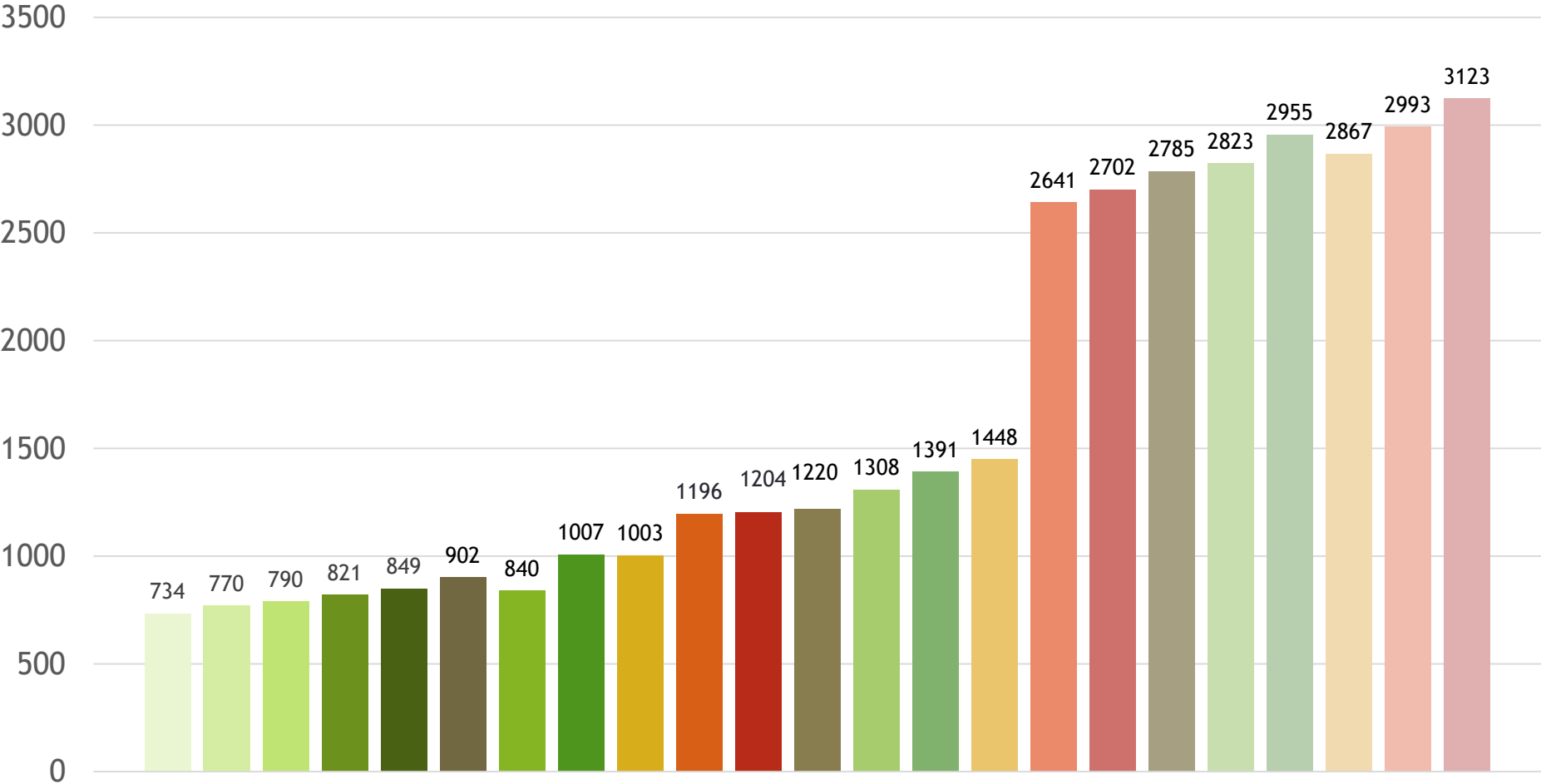
All Reportable Substances Dispensed/Year in ND or to ND Residents



*Gabapentin reporting started on August 1st, 2017; 2018 was the first full year of gabapentin collection.

**Veterans Affairs facilities started to report data in October 2015

Active Accounts - Medical Doctors

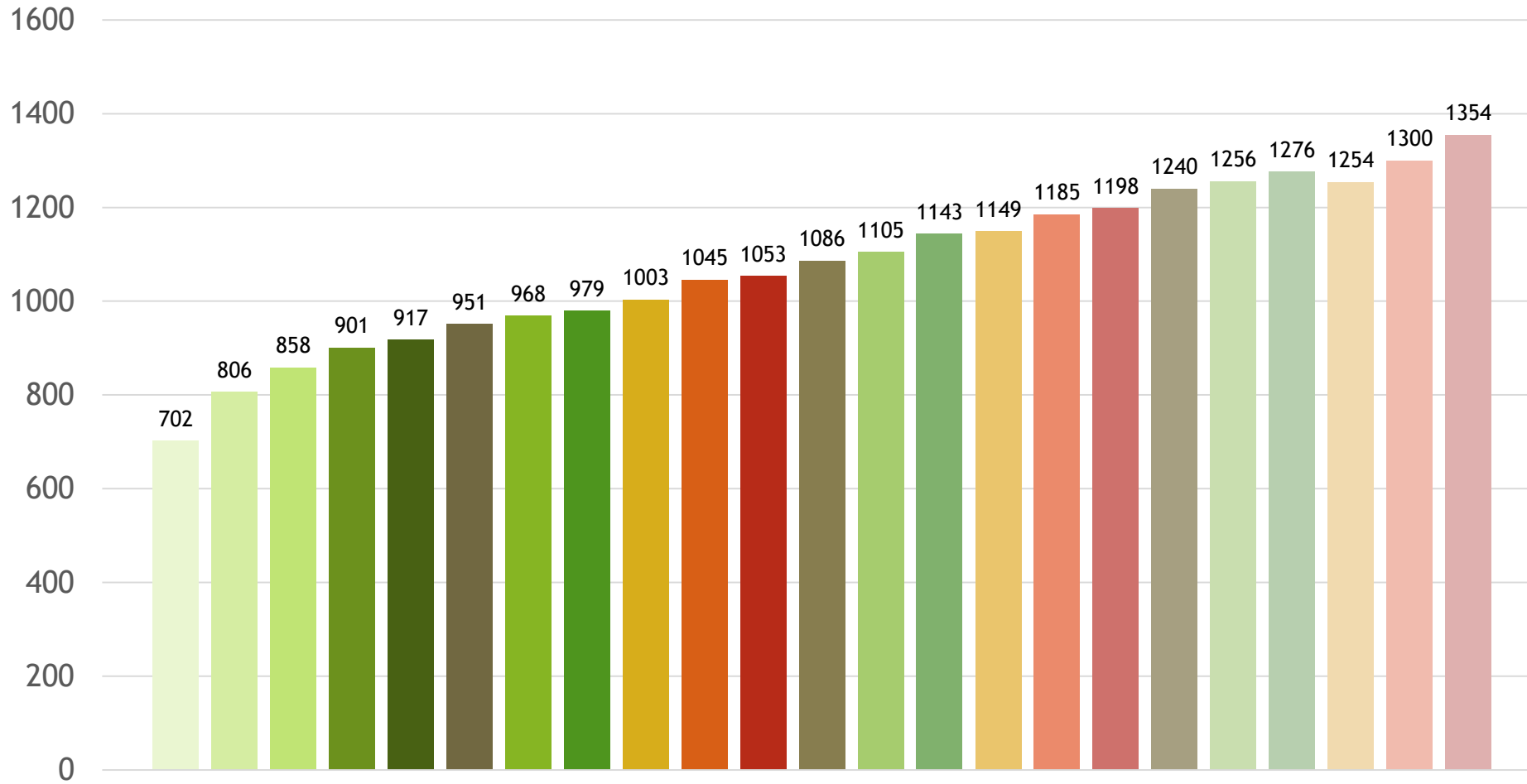


MD, DO, DPM, OD

- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4



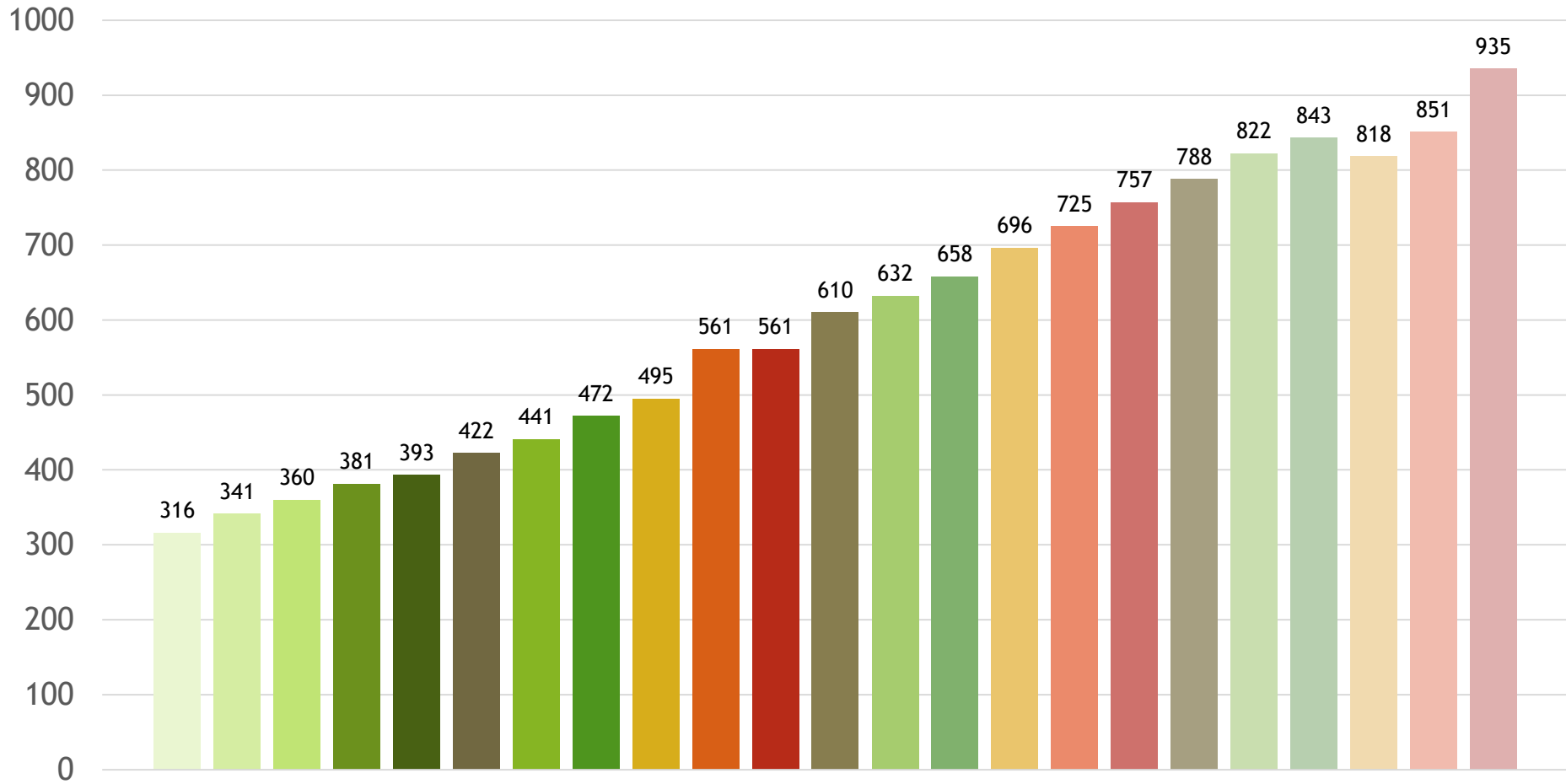
Active Accounts - Pharmacists



R.Ph., PharmD

- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4

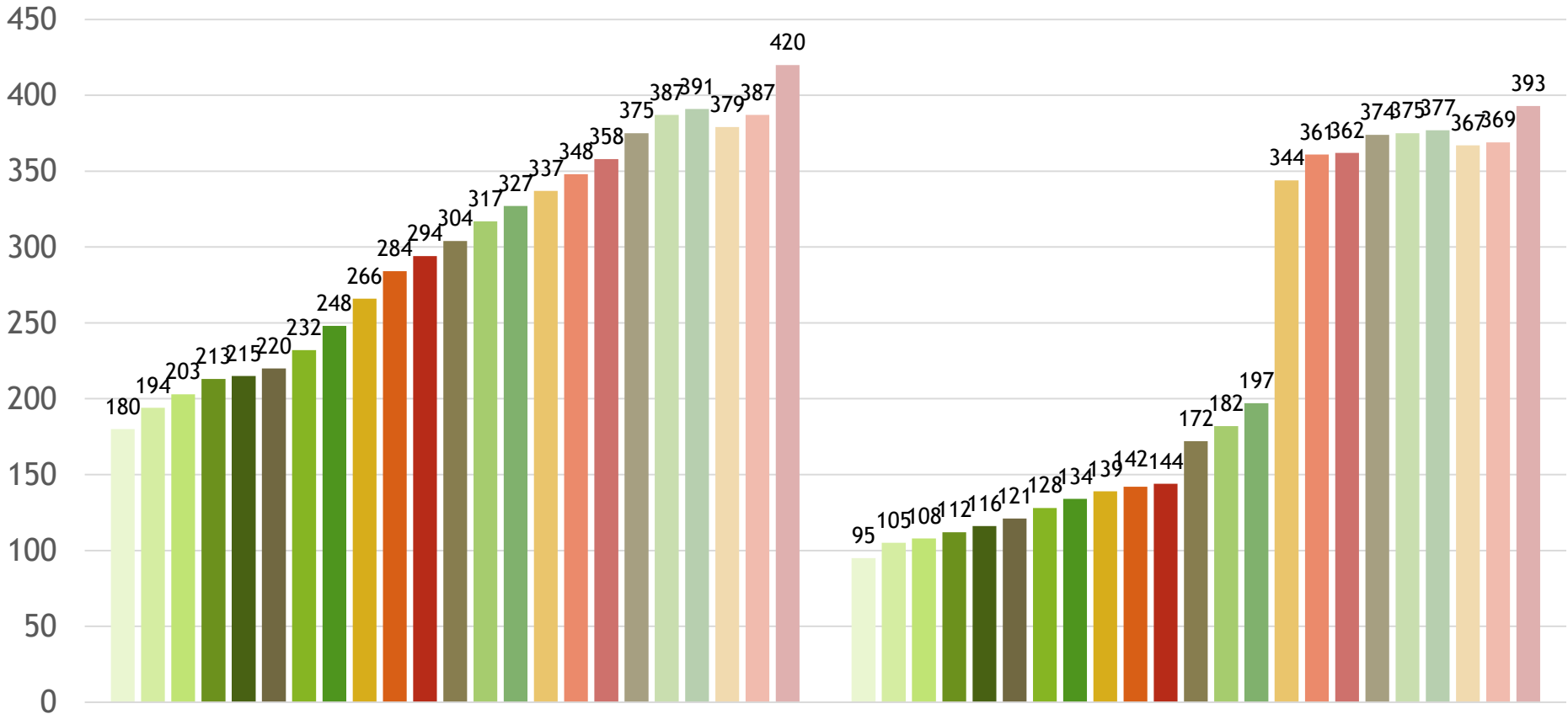
Active Accounts - Advanced Practice Nurses



APRN

- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4

Active Accounts - Physician Assistants and Dentists



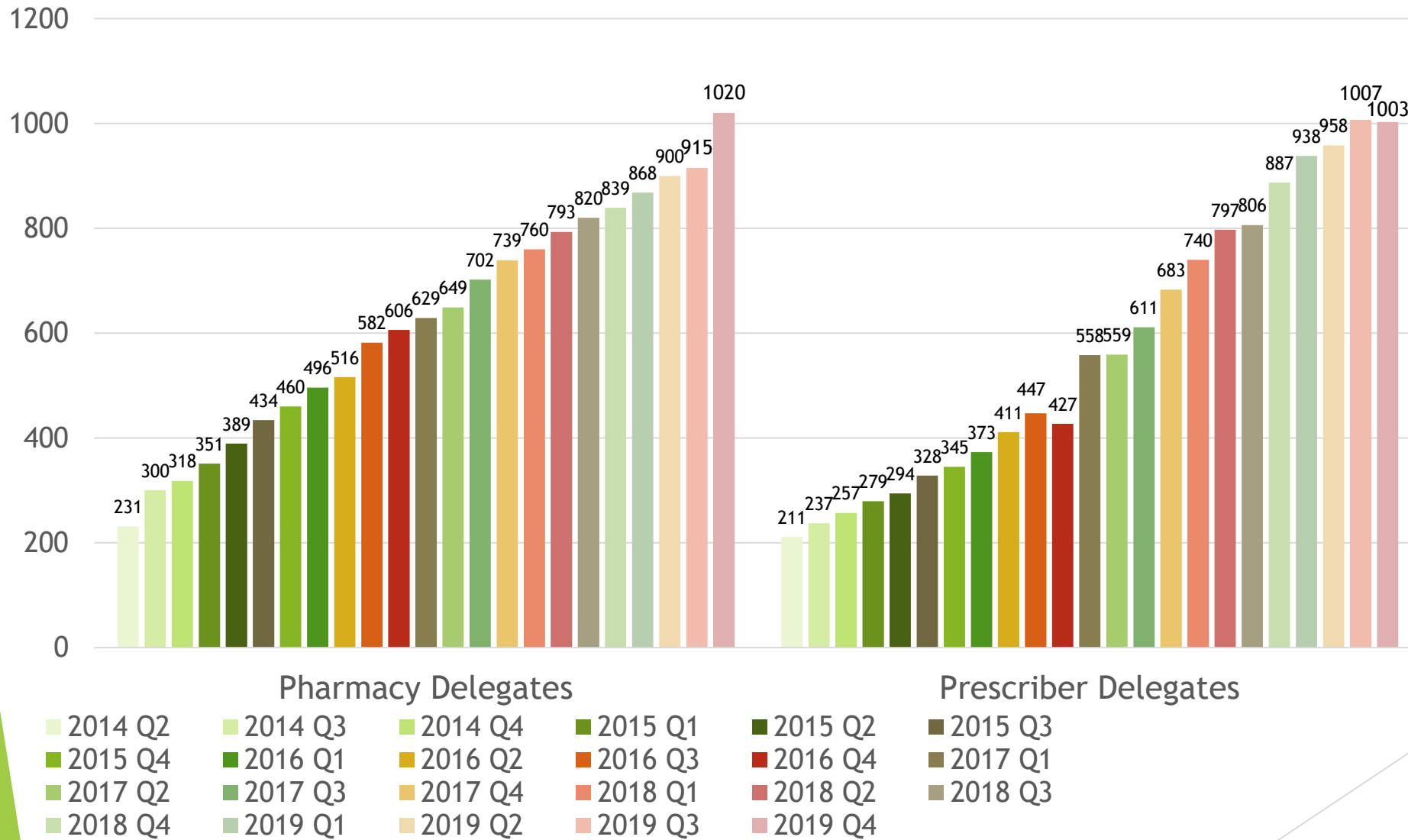
PA

DDS, DMD

- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4



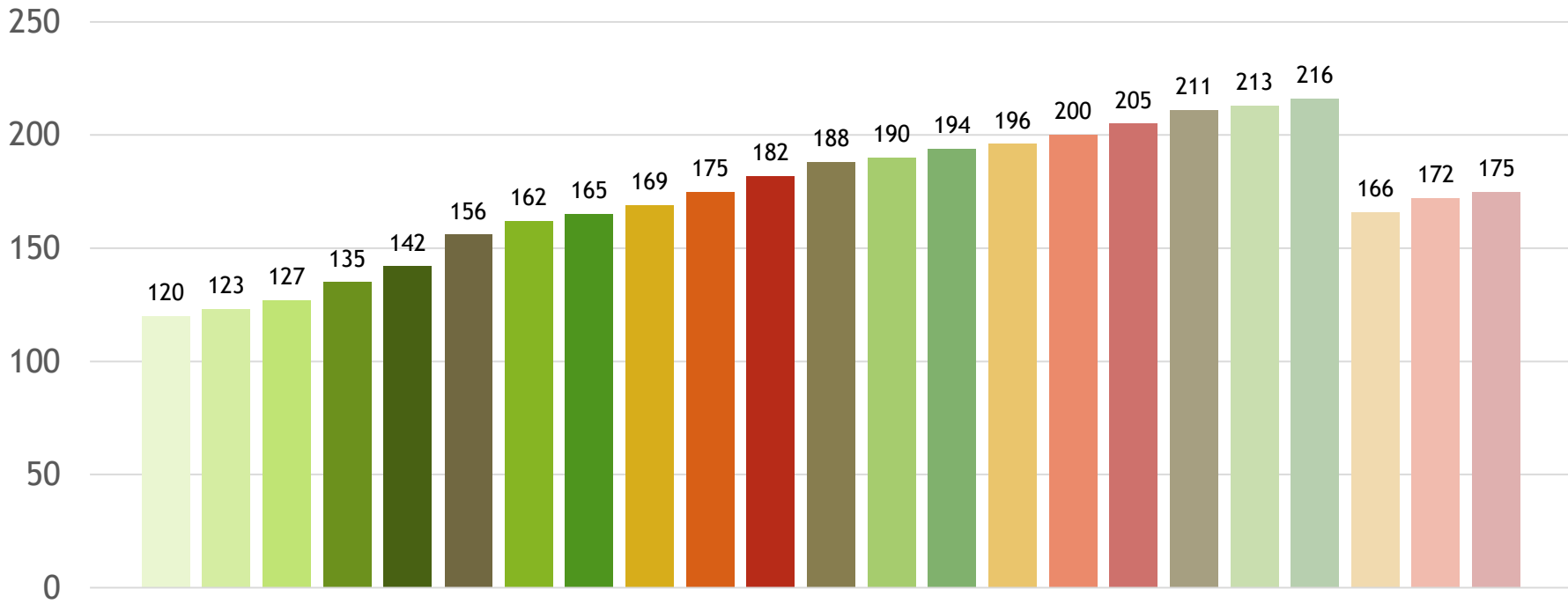
Active Accounts - Pharmacy Delegates & Prescriber Delegates



*Pharmacy delegate calculations excluded pharmacy technicians. Going forward, technicians will be in the pharmacy delegate chart calculations.



Active Accounts - Licensed Addiction Counselors



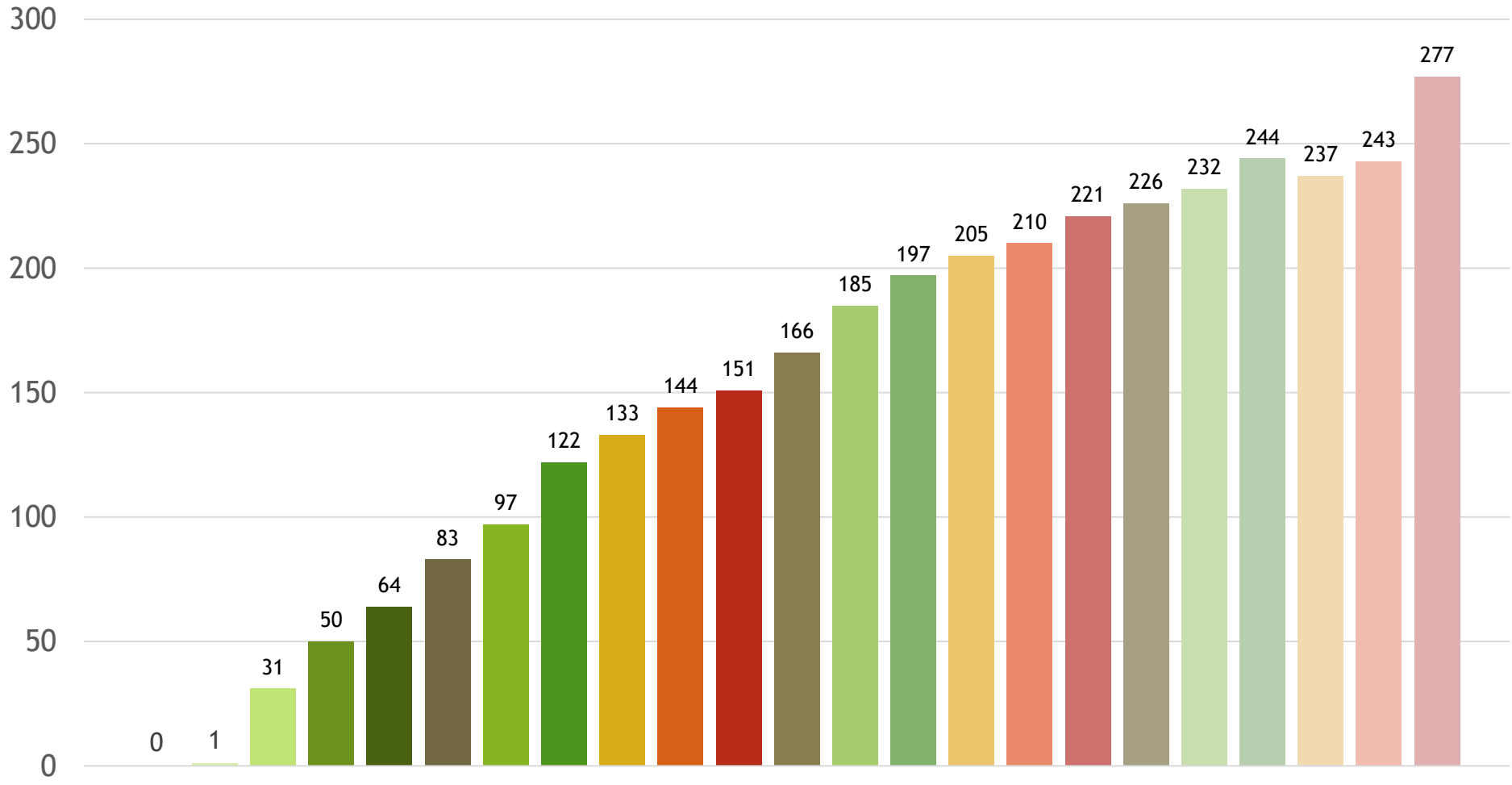
LAC

- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4

Switched to



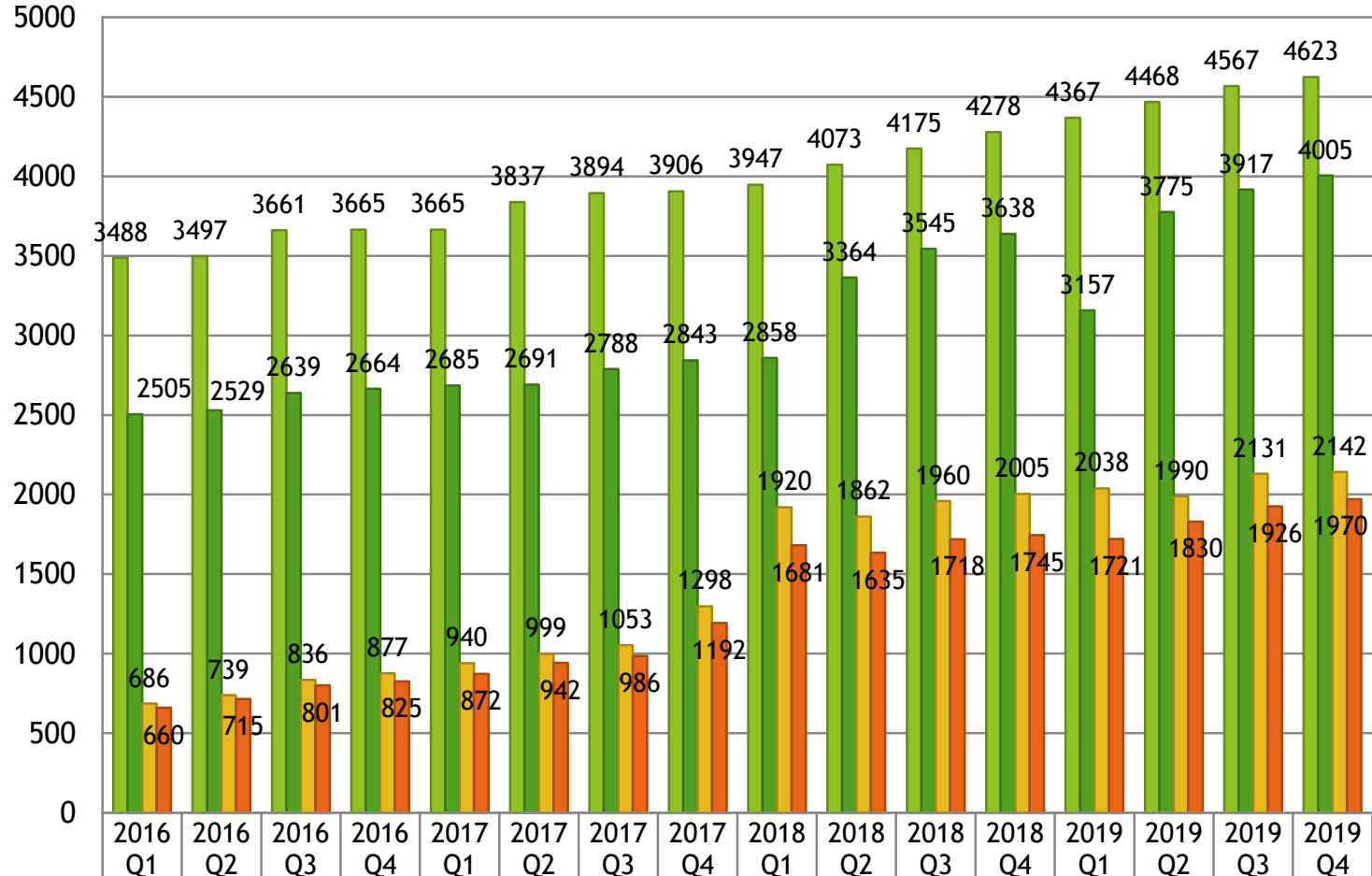
Active Accounts -Law Enforcement



Law Enforcement

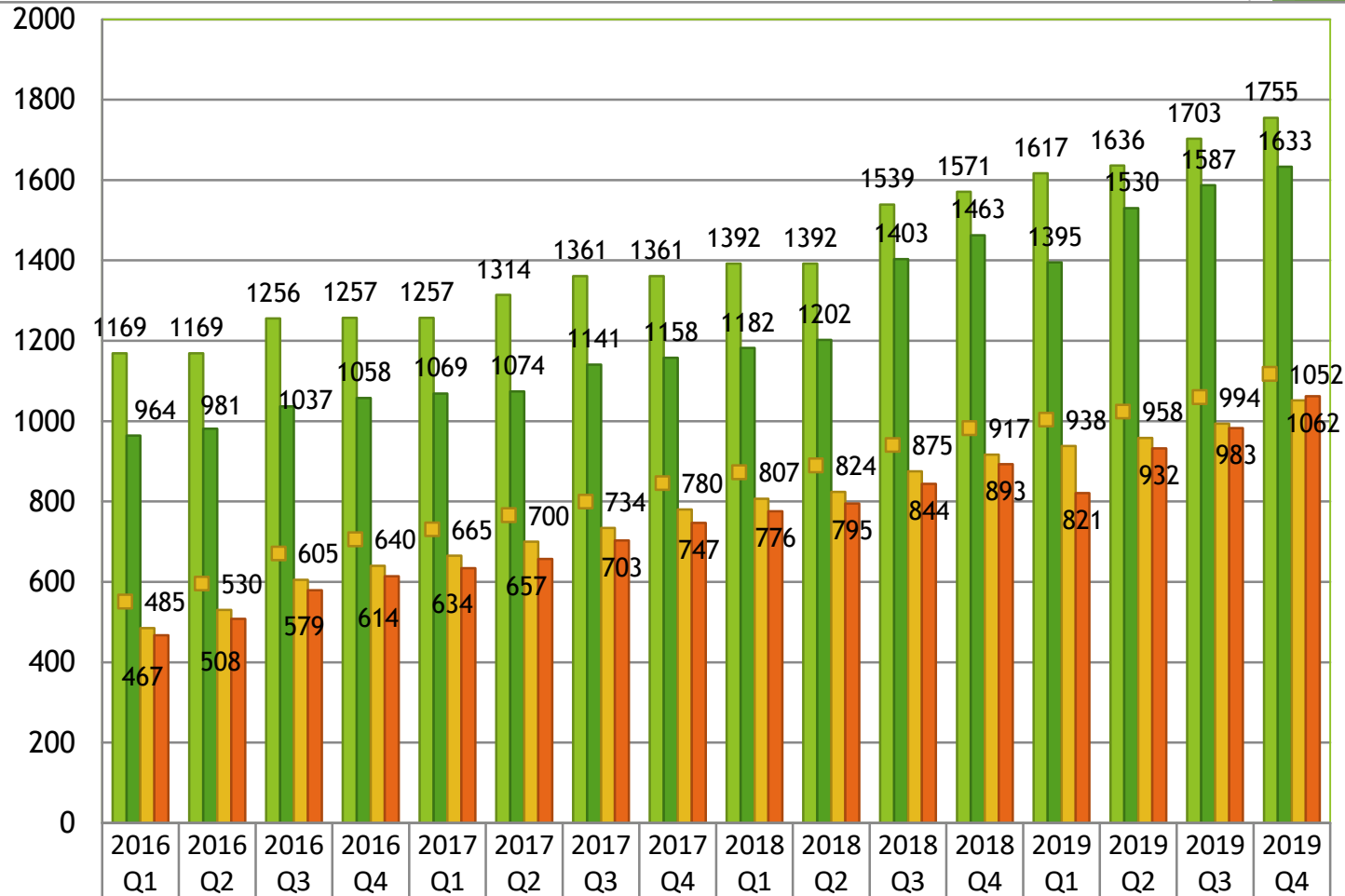
- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4

Doctors - Authorization vs. Utilization



■ ND DEA Registered Doctors	3488	3497	3661	3665	3665	3837	3894	3906	3947	4073	4175	4278	4367	4468	4567	4623
■ ND Doctors who authorized prescriptions	2505	2529	2639	2664	2685	2691	2788	2843	2858	3364	3545	3638	3157	3775	3917	4005
■ ND Doctors also registered with ND PDMP	686	739	836	877	940	999	1053	1298	1920	1862	1960	2005	2038	1990	2131	2142
■ ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	660	715	801	825	872	942	986	1192	1681	1635	1718	1745	1721	1830	1926	1970

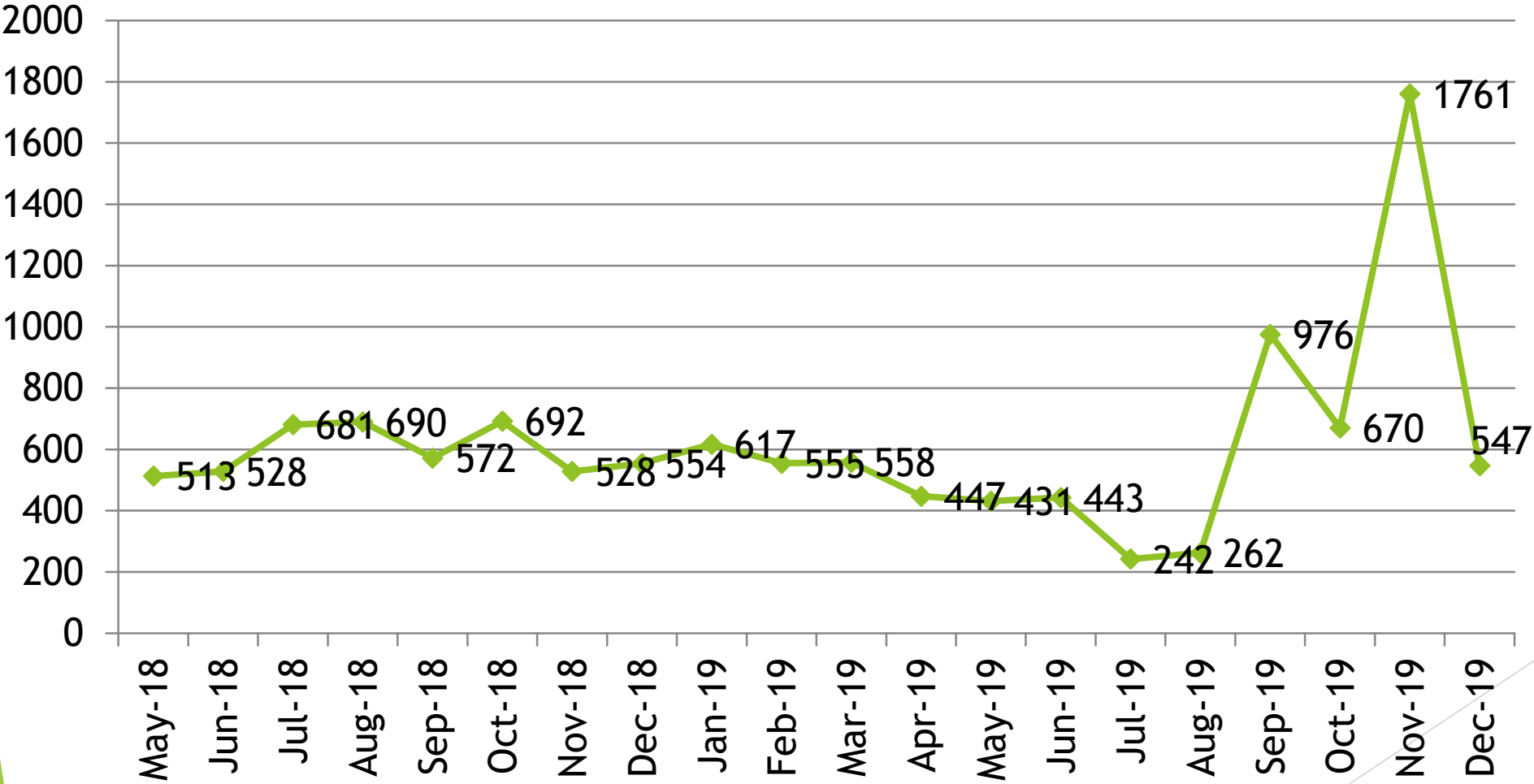
Other Practitioners - Authorization vs. Utilization



ND DEA Registered Other Practitioners	1169	1169	1256	1257	1257	1314	1361	1361	1392	1392	1539	1571	1617	1636	1703	1755
ND Authorized Prescriptions	964	981	1037	1058	1069	1074	1141	1158	1182	1202	1403	1463	1395	1530	1587	1633
ND Registered with ND PDMP	485	530	605	640	665	700	734	780	807	824	875	917	938	958	994	1052
ND Practitioner/their Appointed Delegate who Accessed the System on their behalf (counts as 1)	467	508	579	614	634	657	703	747	776	795	844	893	821	932	983	1062

ND Health Information Network Requests

Requests

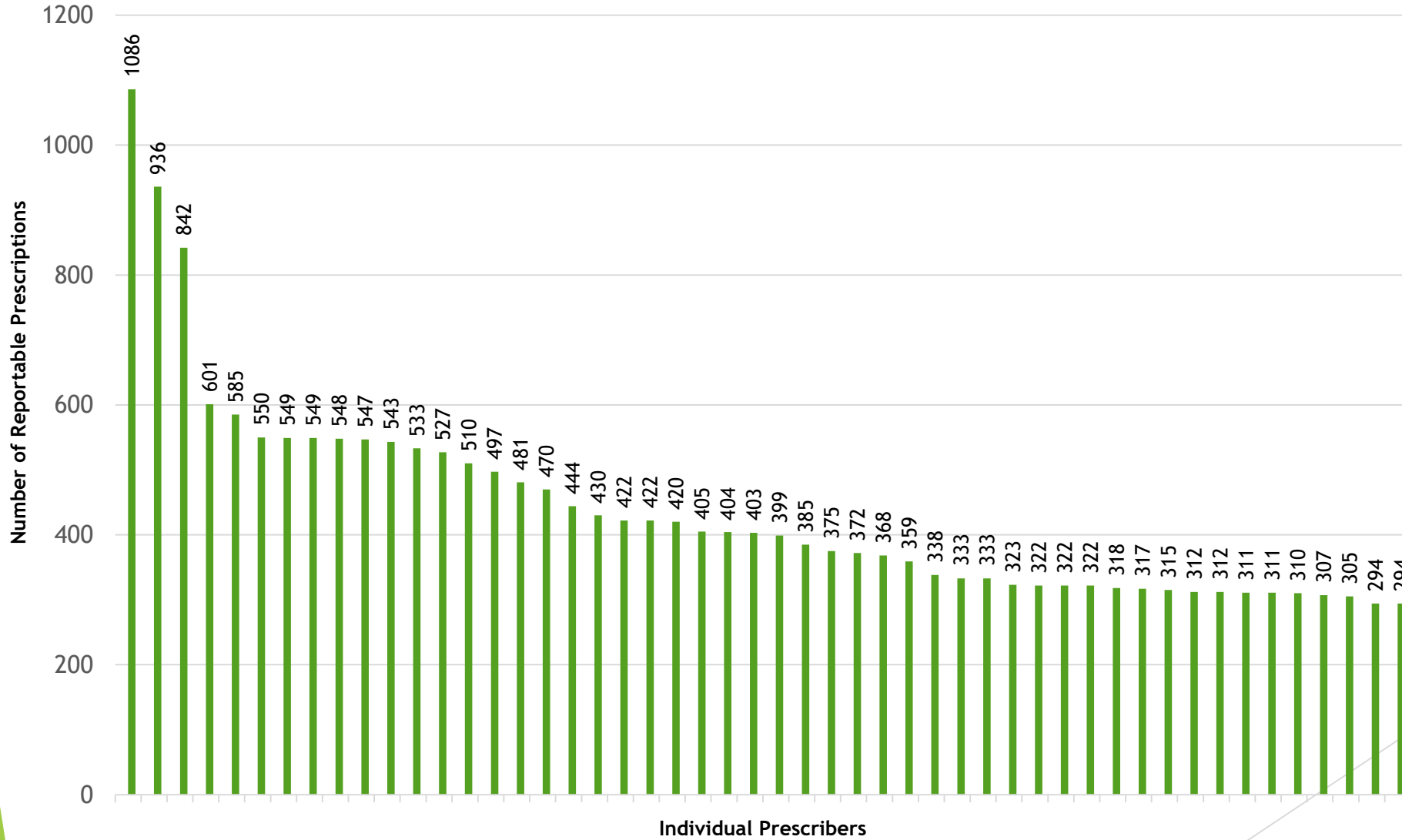


Prescriptions Dispensed by Class

	2016 Q3	2016 Q4	2017 Q1	2017 Q2	2017 Q3	2017 Q4	2018 Q1	2018 Q2	2018 Q3	2018 Q4	2019 Q1	2019 Q2	2019 Q3	2019 Q4
Anesthetic	2	8	16	12	8	6	2	292	483	655	511	558	525	528
Cannabinoid	203	188	207	202	200	189	213	175	467	210	206	195	167	167
GI Narcotic	716	664	595	756	703	700	736	810	818	785	749	762	776	780
Narcotic/ Opioids	151,366	153,880	154,301	148,568	139,836	136,279	138,453	130,846	126,333	132,829	126,071	120,582	121,118	121,586
Other	1,348	1,510	1,916	3,886	34,703*	43,460	46,934	47,057	47,304	48,517	45,894	46,193	47,538	47,801
Sedative	99,096	97,912	96,888	97,895	95,999	89,185	93,374	100,779	100,385	101,689	95,393	95,053	96,786	97,130
Steroid	2,123	2,124	2,013	2,154	2,165	2,045	2,014	2,647	2,757	2,822	2,528	2,520	2,736	2,762
Stimulant	47,678	50,041	52,622	52,629	51,147	51,087	54,742	53,720	52,344	56,553	54,979	53,420	54,666	54,853
Blank	36	43	12	37	44	65	52	58	74	109	94	133	150	153
Total	311,914	315,774	317,803	315,749	334,111	331,936	345,857	337,510	330,680	344,169	326,435	319,416	324,462	325,760

* The required reporting of gabapentin (August 2017) containing dispensations can account for the large increase in the 'Other' category. This drug was categorized to Other in Qtr. 3, 2017. Corrections were made to Quarter 3, 2019 numbers.

Top Prescribers by Number of Prescriptions Quarter 4 -2019



Reportable Prescriptions per Patient County

Quarter 4 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Adams	2,318	41	990	0.427	60,736	26.20
Barnes	10,734	14	4,795	0.447	297,549	27.72
Benson	6,936	20	2,835	0.409	153,343	22.11
Billings	940	52	73	0.078	3,203	3.41
Bottineau	6,530	21	1,885	0.289	113,274	17.35
Bowman	3,166	34	834	0.263	45,312	14.31
Burke	2,131	46	715	0.336	53,203	24.97
Burleigh	95,030	2	35,224	0.371	2,108,249	22.19
Cass	177,787	1	59,149	0.333	3,336,089	18.76
Cavalier	3,762	31	1,483	0.394	87,570	23.28
Dickey	4,861	24	2,166	0.446	125,508	25.82
Divide	2,288	43	712	0.311	48,996	21.41
Dunn	4,289	26	1,364	0.318	79,654	18.57
Eddy	2,316	42	1,027	0.443	68,539	29.59
Emmons	3,301	32	1,075	0.326	64,337	19.49
Foster	3,257	33	1,429	0.439	86,892	26.68

Reportable Prescriptions per Patient County

Quarter 4 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Golden Valley	1,789	50	731	0.409	42,496	23.75
Grand Forks	70,795	3	25,601	0.362	1,439,099	20.33
Grant	2,376	40	871	0.367	53,925	22.70
Griggs	2,258	44	793	0.351	43,445	19.24
Hettinger	2,483	37	982	0.395	65,268	26.29
Kidder	2,482	38	893	0.360	54,515	21.96
LaMoure	4,087	28	1,293	0.316	71,600	17.52
Logan	1,918	48	619	0.323	43,128	22.49
McHenry	5,900	22	2,031	0.344	134,044	22.72
McIntosh	2,606	36	1039	0.399	67,133	25.76
McKenzie	12,724	11	3,689	0.290	213,578	16.79
McLean	9,685	16	4,093	0.423	259,072	26.75
Mercer	8,465	17	3,014	0.356	197,857	23.37
Morton	30,796	6	13,476	0.438	829,772	26.94
Mountrail	10,265	15	3,641	0.355	216,065	21.05
Nelson	2,937	35	1,241	0.423	73,299	24.96
Oliver	1,940	47	518	0.267	33,505	17.27
Pembina	6,972	19	3,088	0.443	196,668	28.21

Reportable Prescriptions per Patient County

Quarter 4 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Pierce	4,099	27	1,600	0.390	95,415	23.28
Ramsey	11,519	12	5,396	0.468	289,097	25.10
Ransom	5,297	23	2,358	0.445	147,327	27.81
Renville	2,463	39	862	0.350	46,904	19.04
Richland	16,351	9	5,099	0.312	316,551	19.36
Rolette	14,531	10	7,119	0.490	376,534	25.91
Sargent	3,858	30	1,444	0.374	91,219	23.64
Sheridan	1,353	51	477	0.353	32,226	23.82
Sioux	4,376	25	1,535	0.351	93,772	21.43
Slope	771	53	67	0.087	4,661	6.05
Stark	30,209	7	12,420	0.411	697,507	23.09
Steele	1,917	49	489	0.255	34,313	17.90
Stutsman	21,087	8	9,115	0.432	531,089	25.19
Towner	2,253	45	813	0.361	54,618	24.24
Traill	8,013	18	3,008	0.375	200,621	25.04
Walsh	10,855	13	4,808	0.443	287,144	26.45
Ward	68,946	4	21,267	0.308	1,250,845	18.14
Wells	4,022	29	1,808	0.450	109,846	27.31
Williams	33,349	5	12,874	0.386	734,349	22.02
Total/Average	755,393	N/A	275,928	0.364	16,160,961	22.16

Opioid Prescriptions by Patient County

Quarter 4 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Adams	2,318	41	380	0.164	21,966	9.476
Barnes	10,734	14	1,586	0.148	78,979	7.358
Benson	6,936	20	1,417	0.204	61,373	8.848
Billings	940	52	22	0.023	1,309	1.393
Bottineau	6,530	21	597	0.091	28,528	4.369
Bowman	3,166	34	324	0.102	17,583	5.554
Burke	2,131	46	291	0.137	22,224	10.429
Burleigh	95,030	2	12,938	0.136	665,392	7.002
Cass	177,787	1	16,769	0.094	680,953	3.830
Cavalier	3,762	31	534	0.142	25,630	6.813
Dickey	4,861	24	715	0.147	38,527	7.926
Divide	2,288	43	295	0.129	16,381	7.160
Dunn	4,289	26	563	0.131	32,341	7.540
Eddy	2,316	42	423	0.183	26,134	11.284
Emmons	3,301	32	487	0.148	23,756	7.197
Foster	3,257	33	550	0.169	34,709	10.657
Golden Valley	1,789	50	283	0.158	15,704	8.778
Grand Forks	70,795	3	8,682	0.123	407,718	5.759

Opioid Prescriptions by Patient County

Quarter 4 - 2019

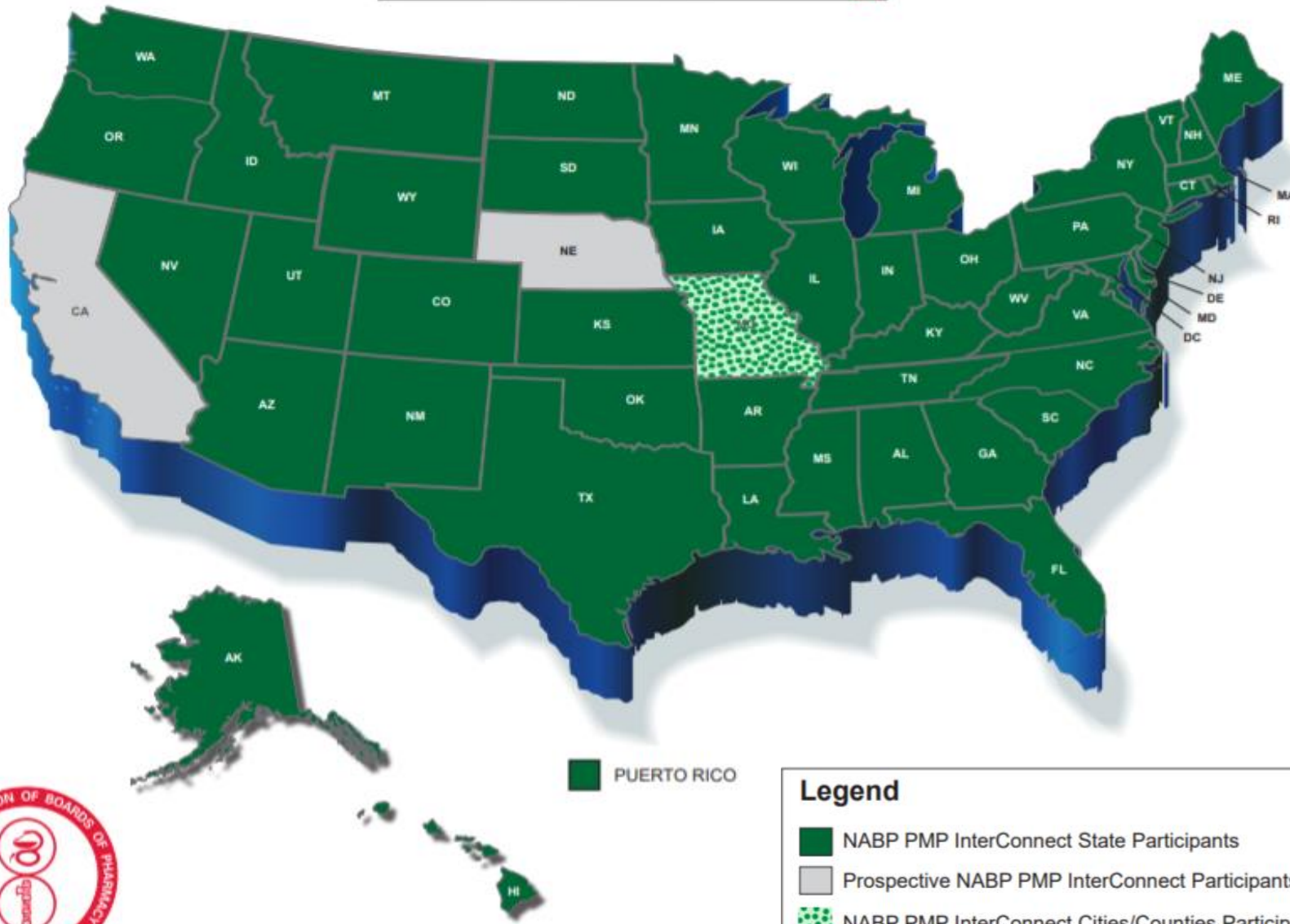
County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Grant	2,376	40	414	0.174	25,300	10.648
Griggs	2,258	44	274	0.121	11,232	4.974
Hettinger	2,483	37	381	0.153	25,040	10.085
Kidder	2,482	38	349	0.141	18,027	7.263
LaMoure	4,087	28	435	0.106	17,156	4.198
Logan	1,918	48	201	0.105	11,463	5.977
McHenry	5,900	22	796	0.135	40,909	6.934
McIntosh	2,606	36	381	0.146	19,263	7.392
McKenzie	12,724	11	1,297	0.102	68,649	5.395
McLean	9,685	16	1,654	0.171	91,420	9.439
Mercer	8,465	17	1,111	0.131	71,071	8.396
Morton	30,796	6	5,313	0.173	280,001	9.092
Mountrail	10,265	15	1,433	0.140	76,654	7.468
Nelson	2,937	35	412	0.140	21,293	7.250
Oliver	1,940	47	243	0.125	13,997	7.215
Pembina	6,972	19	959	0.138	60,734	8.711
Pierce	4,099	27	590	0.144	30,126	7.350
Ramsey	11,519	12	2,337	0.203	109,551	9.510

Opioid Prescriptions by Patient County

Quarter 4 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Ransom	5,297	23	761	0.144	39,293	7.418
Renville	2,463	39	259	0.105	13,594	5.519
Richland	16,351	9	1,561	0.095	72,622	4.441
Rolette	14,531	10	2,701	0.186	132,329	9.107
Sargent	3,858	30	499	0.129	22,531	5.840
Sheridan	1,353	51	195	0.144	12,775	9.442
Sioux	4,376	25	755	0.173	44,007	10.056
Slope	771	53	30	0.039	2,066	2.680
Stark	30,209	7	4,779	0.158	240,445	7.959
Steele	1,917	49	161	0.084	5,961	3.110
Stutsman	21,087	8	3,159	0.150	142,980	6.780
Towner	2,253	45	297	0.132	18,444	8.186
Traill	8,013	18	821	0.102	41,464	5.175
Walsh	10,855	13	1,654	0.152	90,744	8.360
Ward	68,946	4	6,519	0.095	321,370	4.661
Wells	4,022	29	622	0.155	31,439	7.817
Williams	33,349	5	4,861	0.146	274,424	8.229
Total/Average	755,393	N/A	95,070	0.135	4,697,581	7.234

PMP INTERCONNECT®



■ PUERTO RICO

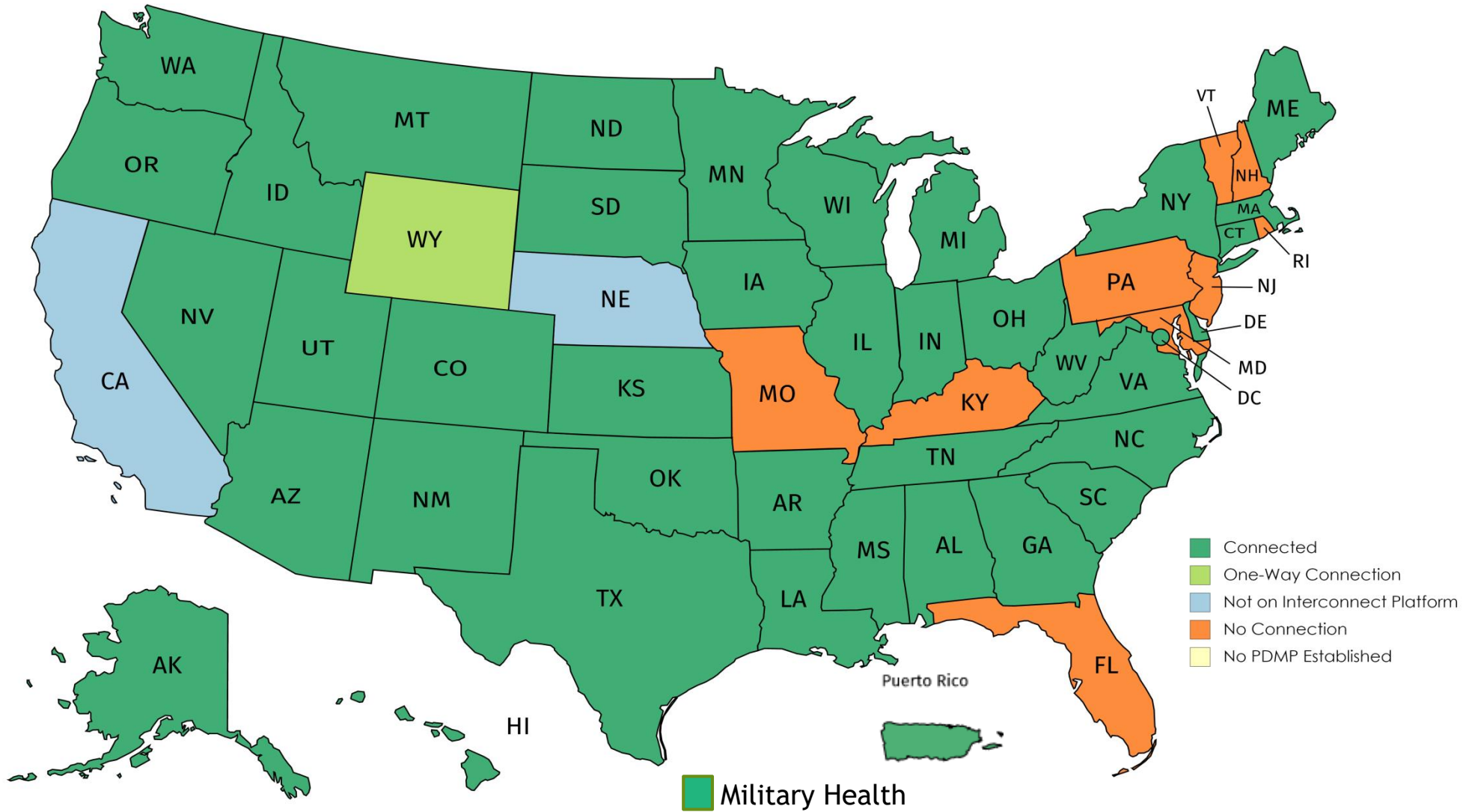
Legend

- NABP PMP InterConnect State Participants
- Prospective NABP PMP InterConnect Participants
- NABP PMP InterConnect Cities/Counties Participants



NABP PMP InterConnect® facilitates the transfer of prescription monitoring program (PMP) data across state lines. It allows participating state PMPs across the United States to be linked, providing a more effective means of combating drug diversion and drug abuse nationwide. For more information go to <https://nabp.pharmacy/initiatives/pmp-interconnect>.

North Dakota
BOARD OF PHARMACY



North Dakota State-to-State Connections

For more connection information visit pdmpworks.org