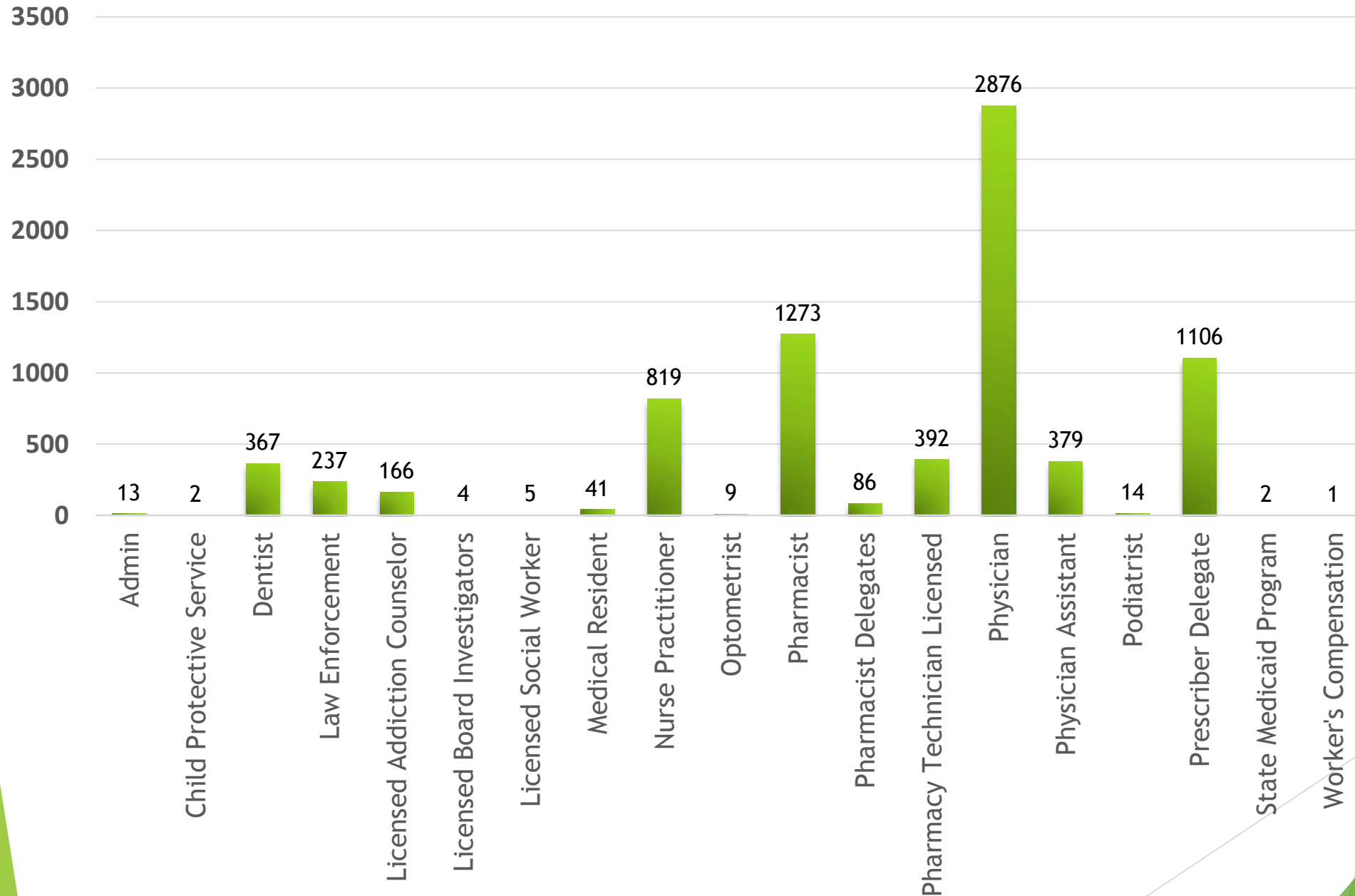


Prescription Drug Monitoring Program Facts, Figures, and Trends 2nd Quarter 2019

North Dakota Board of Pharmacy
Kathy Zahn, RPhTech, CPhT, PDMP Program Administrator
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Bismarck, ND 58501
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pdmp@ndboard.pharmacy

User Accounts by Role = 7,792



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					
204	176	177	182	191	185	204					
1774	1825	1526	1577	1614	1640	1636					

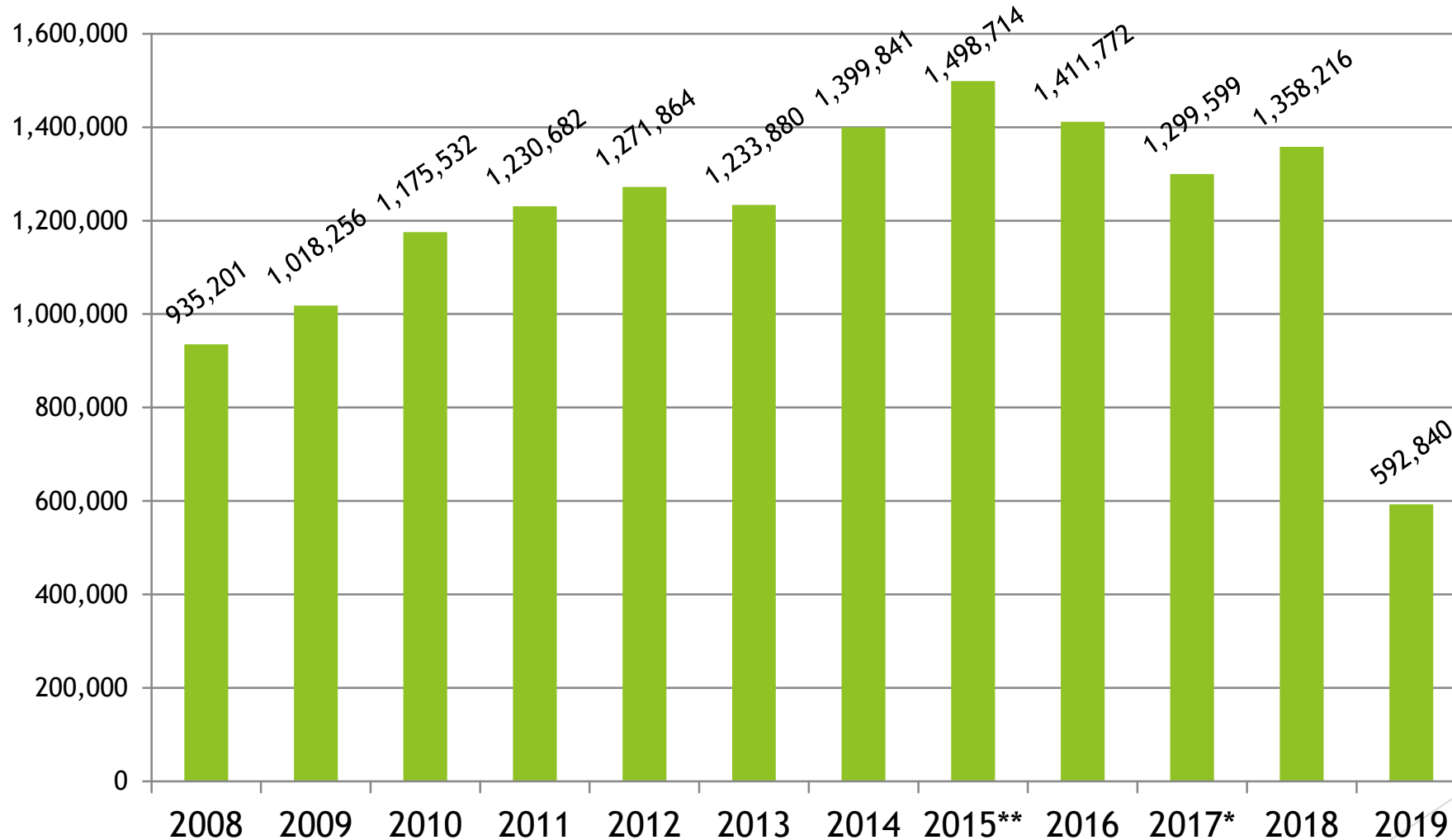
Chart Legend

Total Users

Avg. Daily Active Users

Monthly Active Users

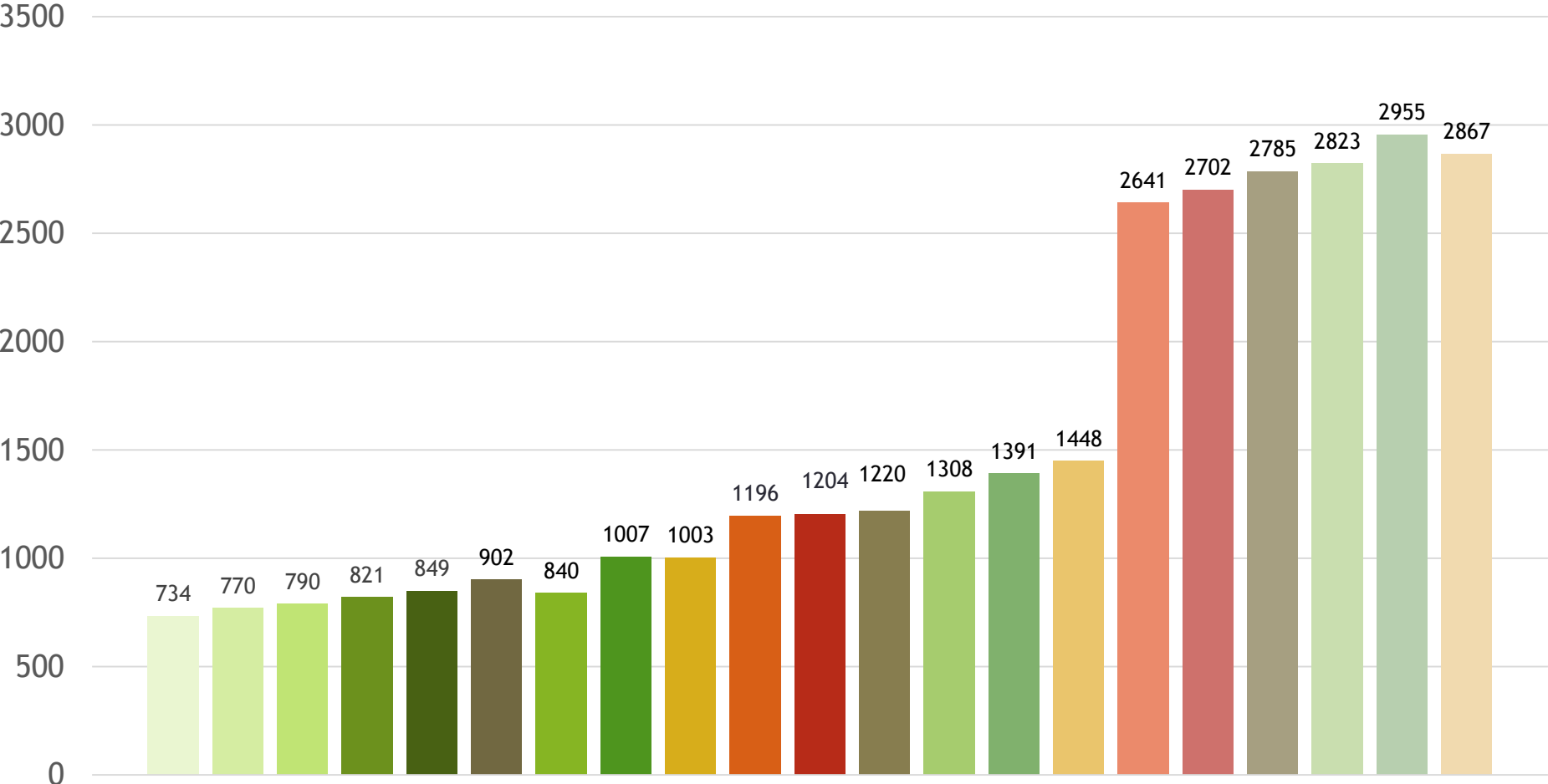
All Reportable Substances Dispensed/Year in ND or to ND Residents



*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

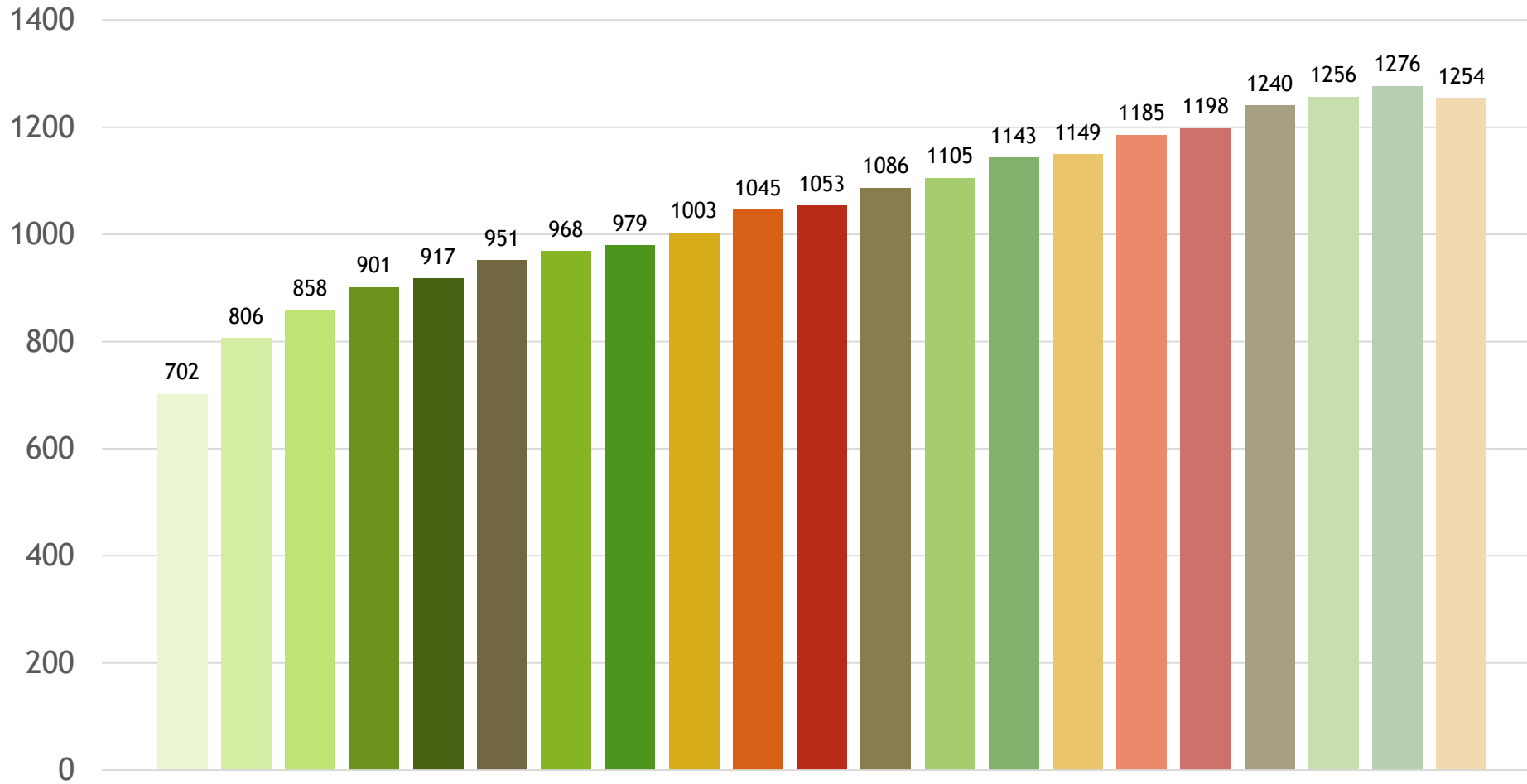
Active Accounts - Medical Doctors



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

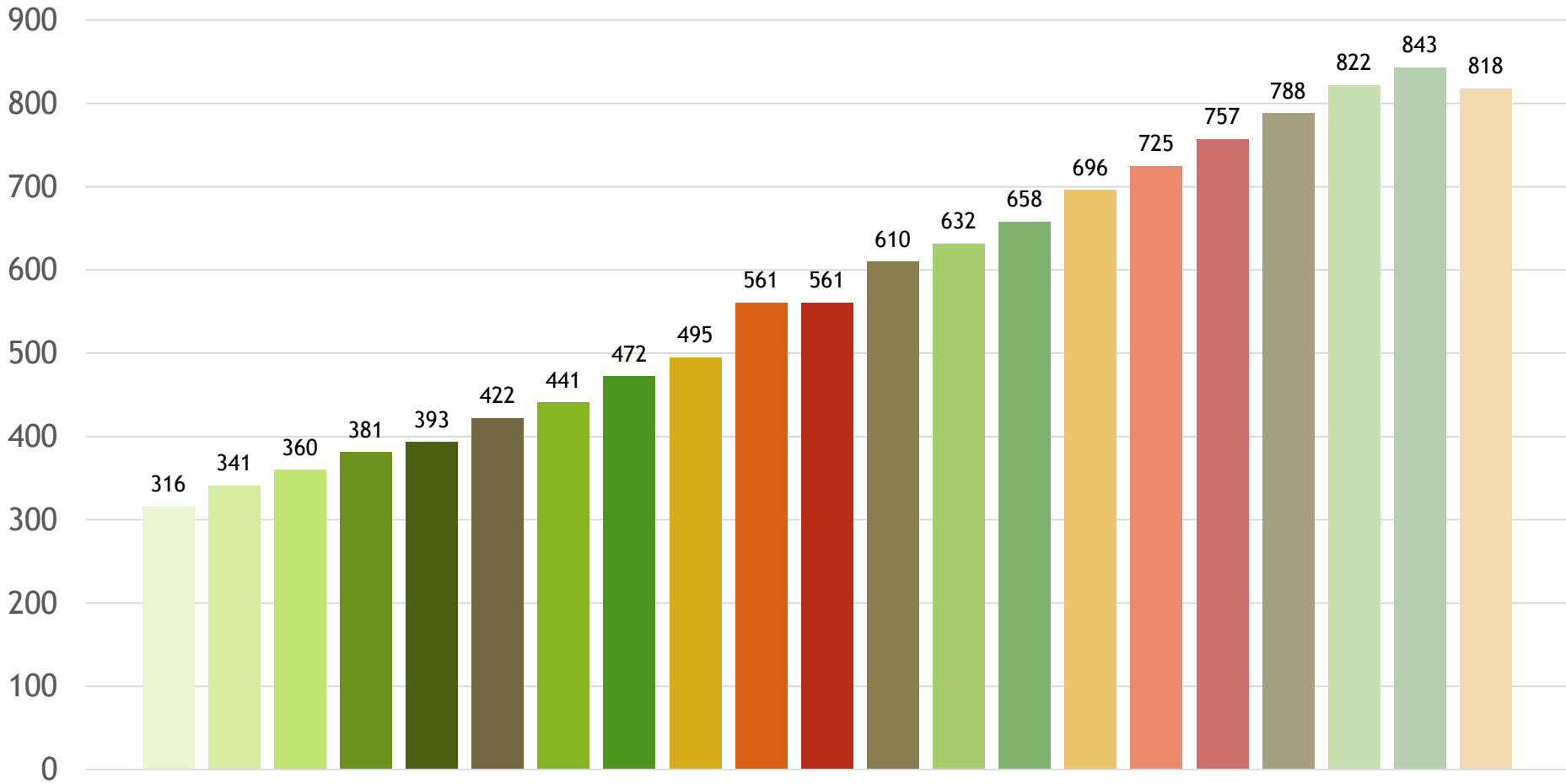
Active Accounts - Pharmacists



R.Ph., PharmD

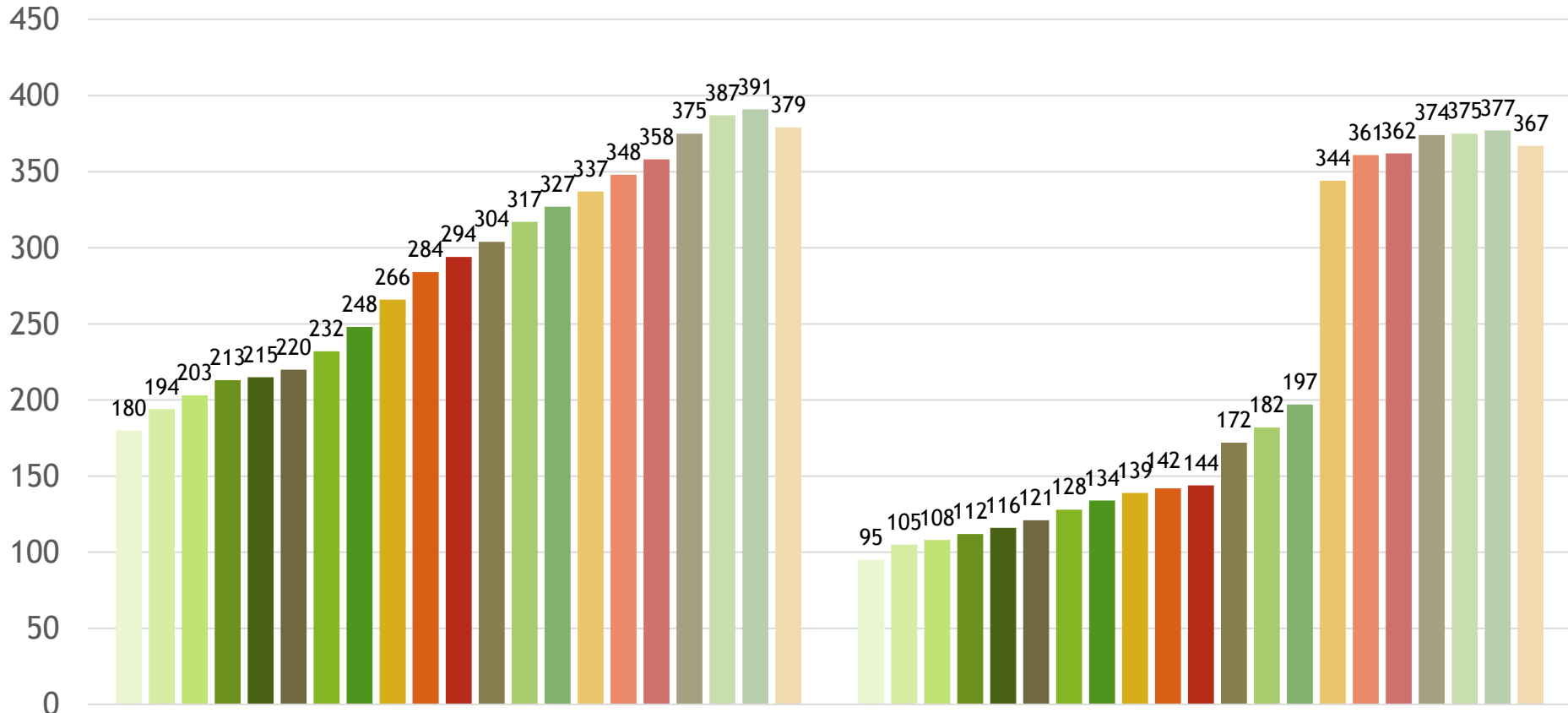
- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2

Active Accounts - Advanced Practice Nurses



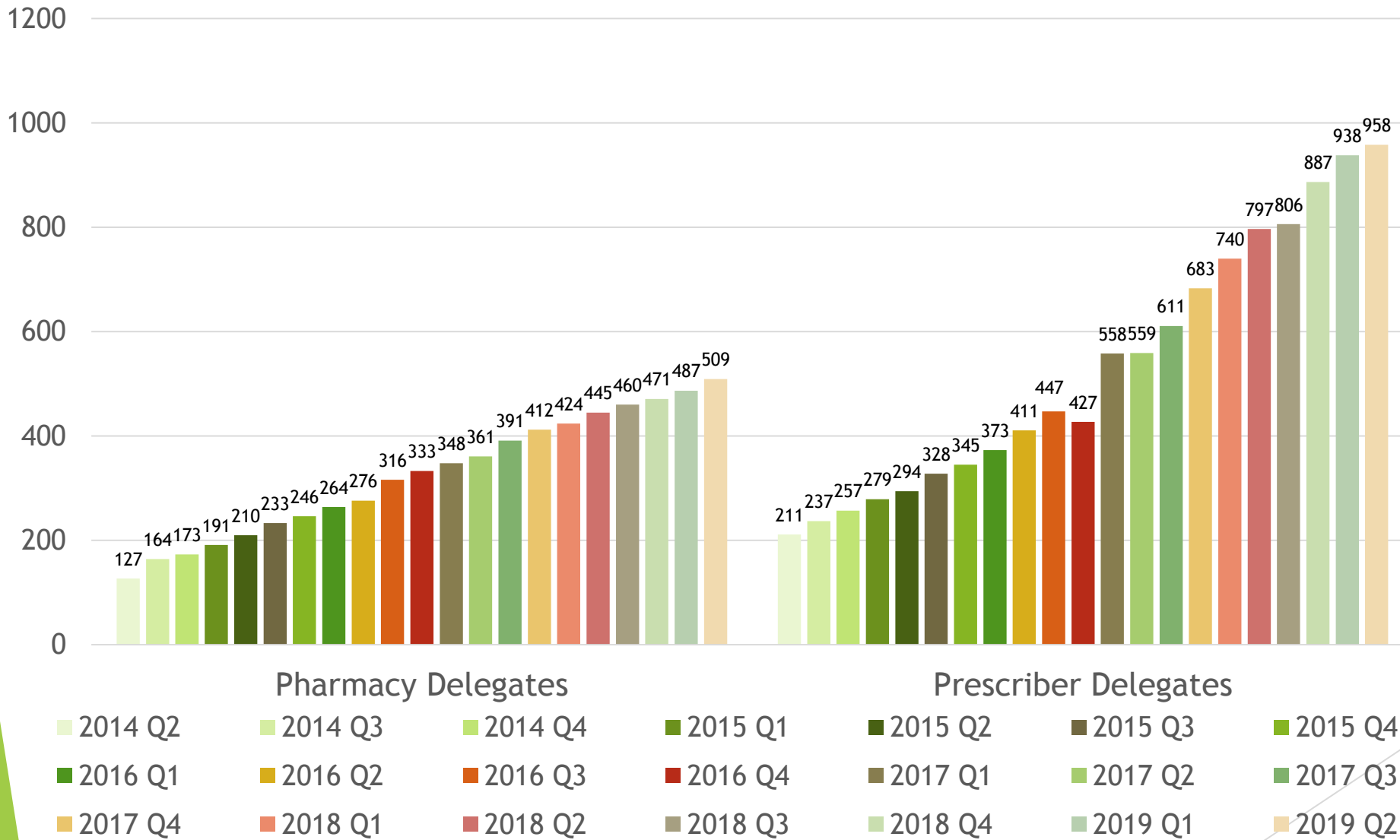
- APRN**
- 2014 Q2
 - 2014 Q3
 - 2014 Q4
 - 2015 Q1
 - 2015 Q2
 - 2015 Q3
 - 2015 Q4
 - 2016 Q1
 - 2016 Q2
 - 2016 Q3
 - 2016 Q4
 - 2017 Q1
 - 2017 Q2
 - 2017 Q3
 - 2017 Q4
 - 2018 Q1
 - 2018 Q2
 - 2018 Q3
 - 2018 Q4
 - 2019 Q1
 - 2019 Q2

Active Accounts - Physician Assistants and Dentists



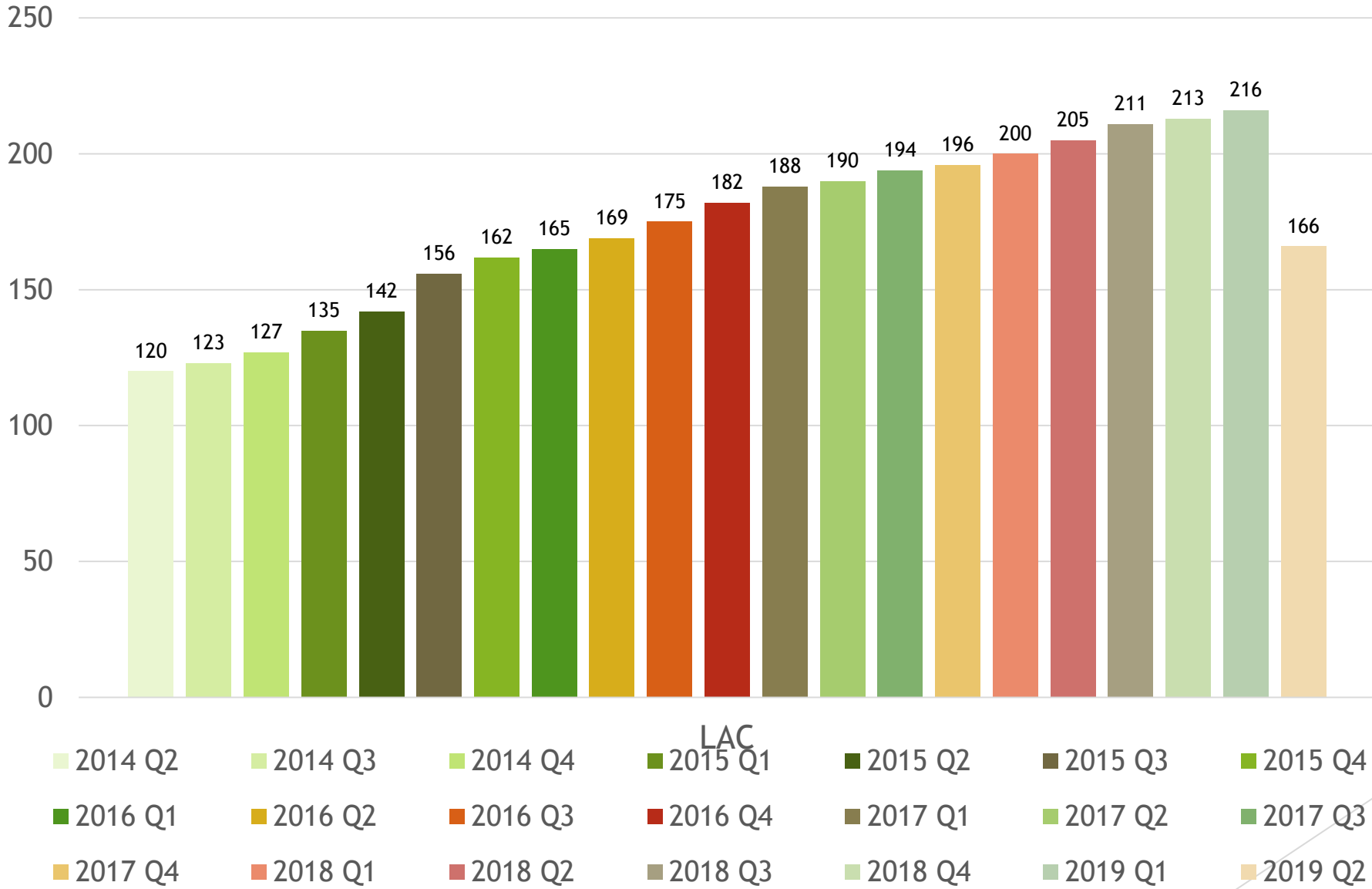
- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2

Active Accounts - Pharmacy Delegates & Prescriber Delegates

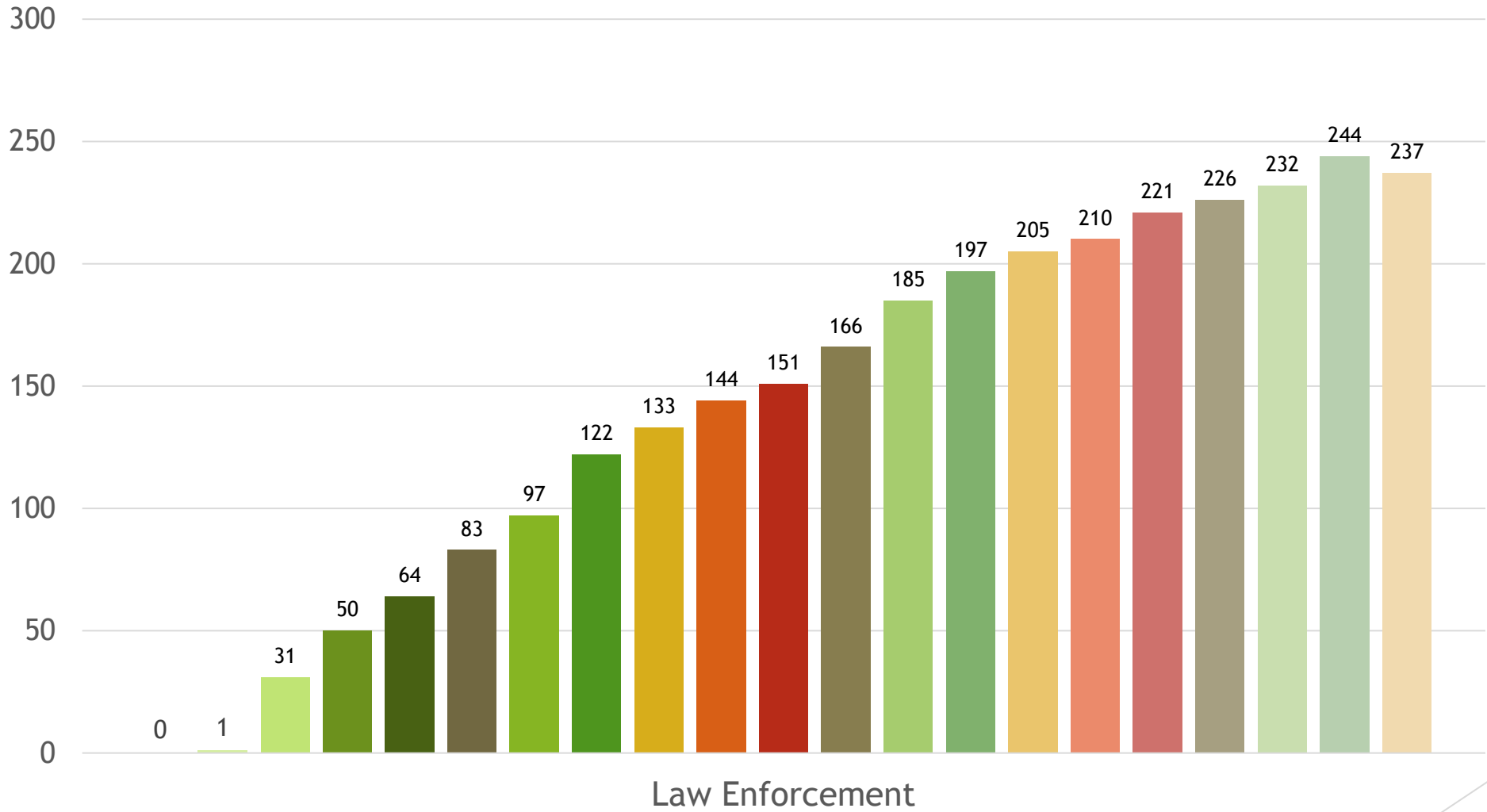


*Pharmacy delegate calculations were incorrect and have been updated going forward

Active Accounts - Licensed Addiction Counselors

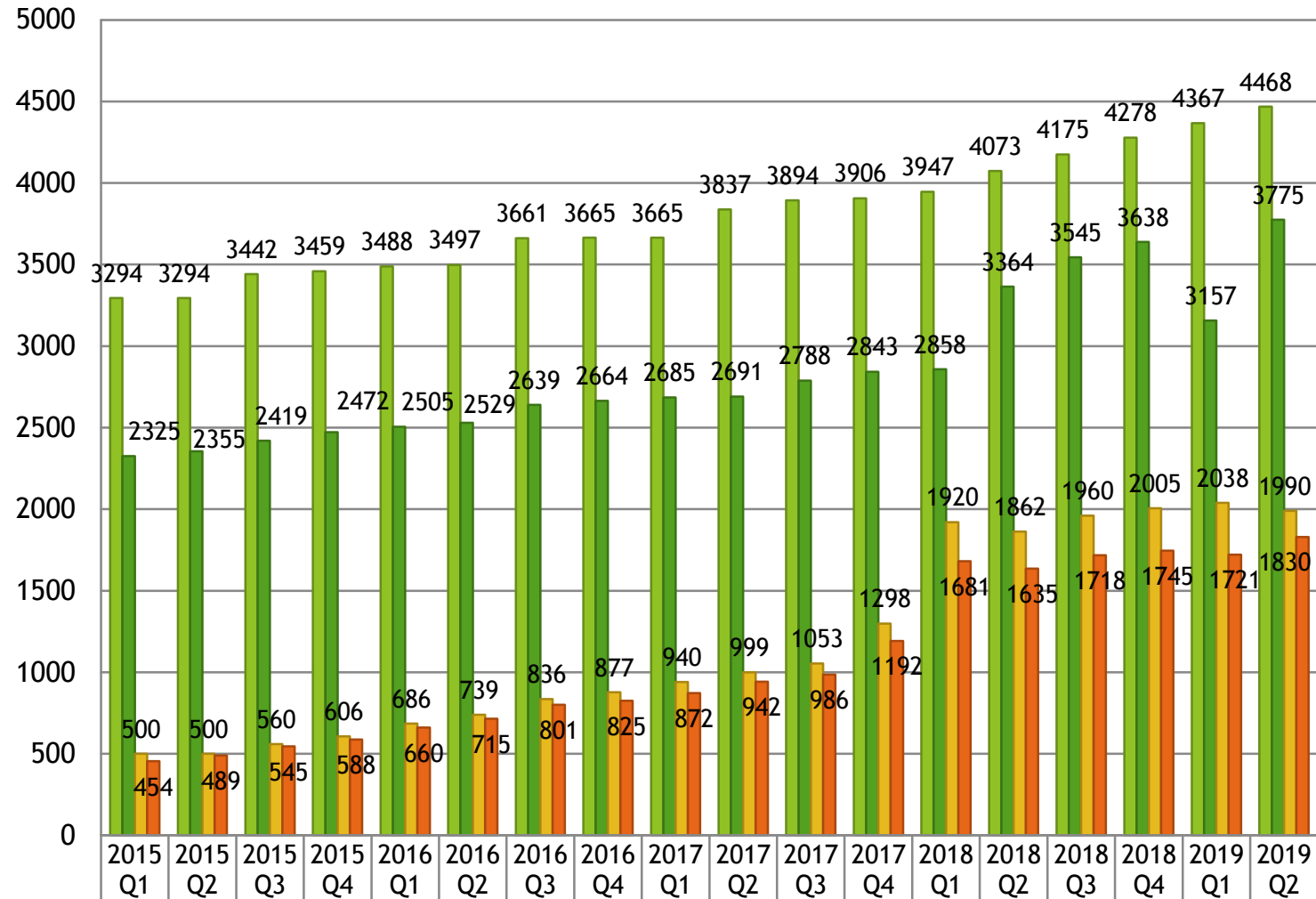


Active Accounts -Law Enforcement



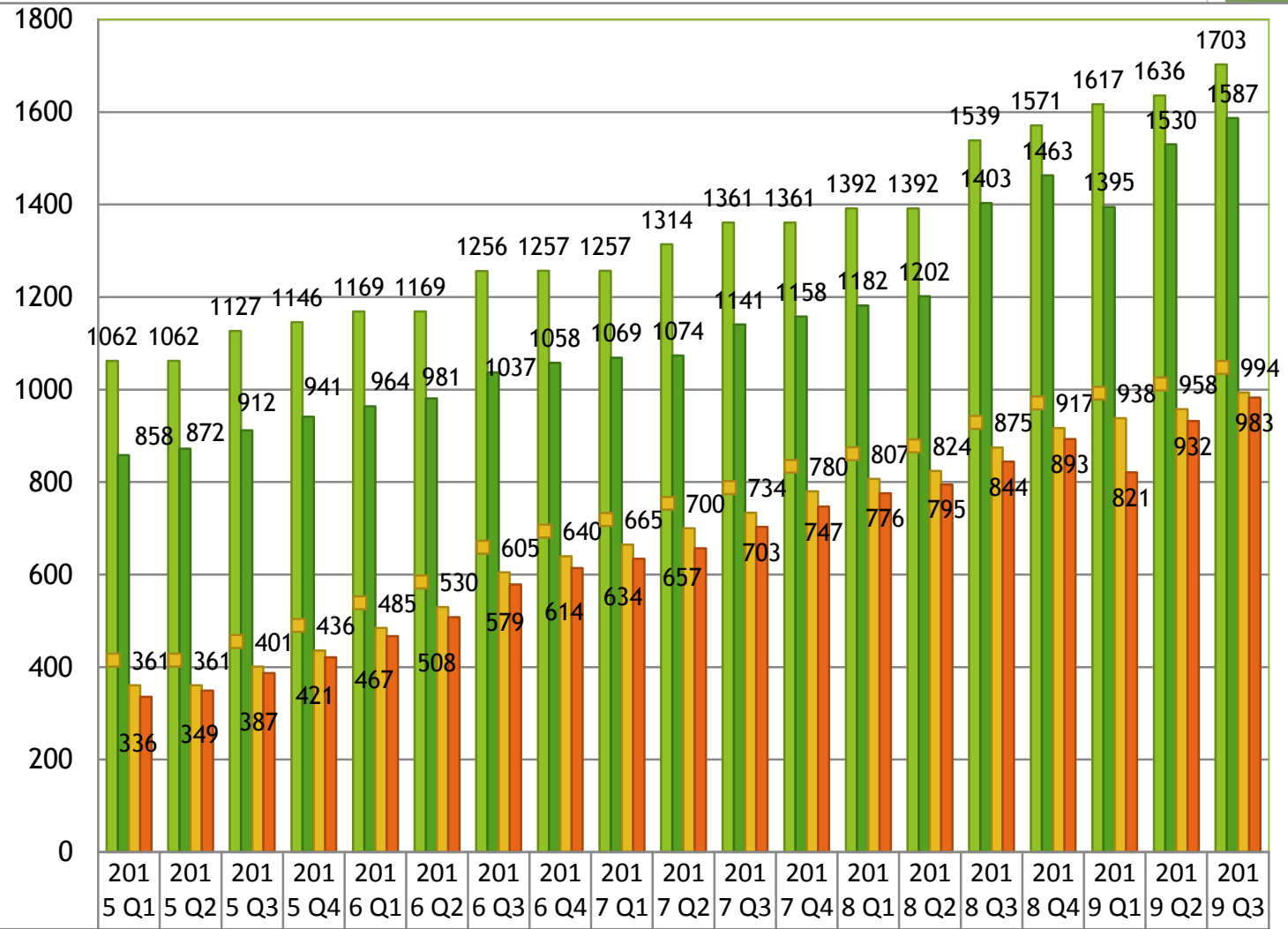
- Legend for Law Enforcement:
- 2014 Q2
 - 2014 Q3
 - 2014 Q4
 - 2015 Q1
 - 2015 Q2
 - 2015 Q3
 - 2015 Q4
 - 2016 Q1
 - 2016 Q2
 - 2016 Q3
 - 2016 Q4
 - 2017 Q1
 - 2017 Q2
 - 2017 Q3
 - 2017 Q4
 - 2018 Q1
 - 2018 Q2
 - 2018 Q3
 - 2018 Q4
 - 2019 Q1
 - 2019 Q2

Doctors - Authorization vs. Utilization



■ ND DEA Registered Doctors	3294	3294	3442	3459	3488	3497	3661	3665	3665	3837	3894	3906	3947	4073	4175	4278	4367	4468
■ ND Doctors who authorized prescriptions	2325	2355	2419	2472	2505	2529	2639	2664	2685	2691	2788	2843	2858	3364	3545	3638	3157	3775
■ ND Doctors also registered with ND PDMP	500	500	560	606	686	739	836	877	940	999	1053	1298	1920	1862	1960	2005	2038	1990
■ ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	454	489	545	588	660	715	801	825	872	942	986	1192	1681	1635	1718	1745	1721	1830

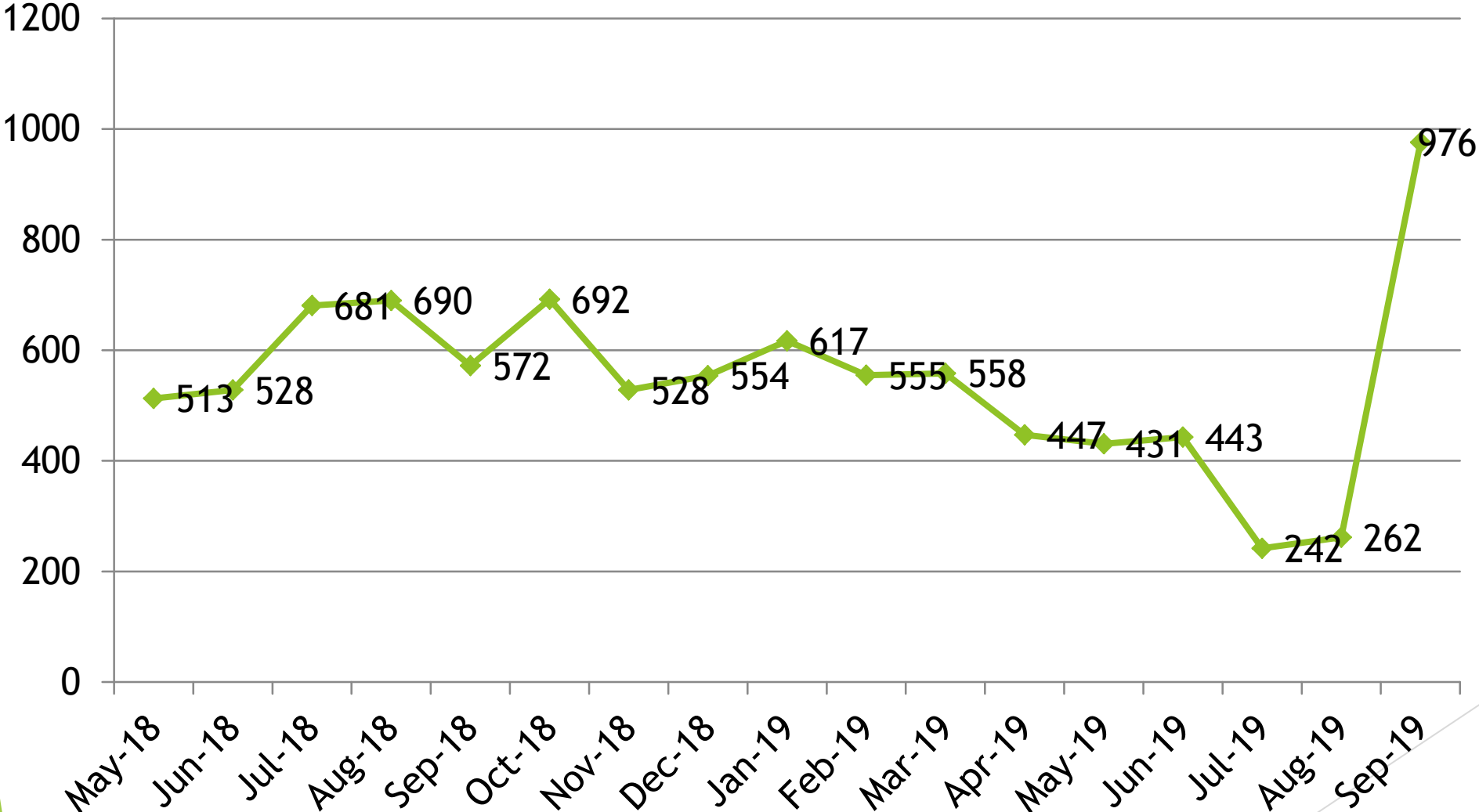
Other Practitioners - Authorization vs. Utilization



ND DEA Registered Other Practitioners	1062	1062	1127	1146	1169	1169	1256	1257	1257	1314	1361	1361	1392	1392	1539	1571	1617	1636	1703
ND Authorized Prescriptions	858	872	912	941	964	981	1037	1058	1069	1074	1141	1158	1182	1202	1403	1463	1395	1530	1587
ND Registered with ND PDMP	361	361	401	436	485	530	605	640	665	700	734	780	807	824	875	917	938	958	994
ND Practitioner/their Appointed Delegate who Accessed the System on their behalf (counts as 1)	336	349	387	421	467	508	579	614	634	657	703	747	776	795	844	893	821	932	983

ND Health Information Network Requests

Requests

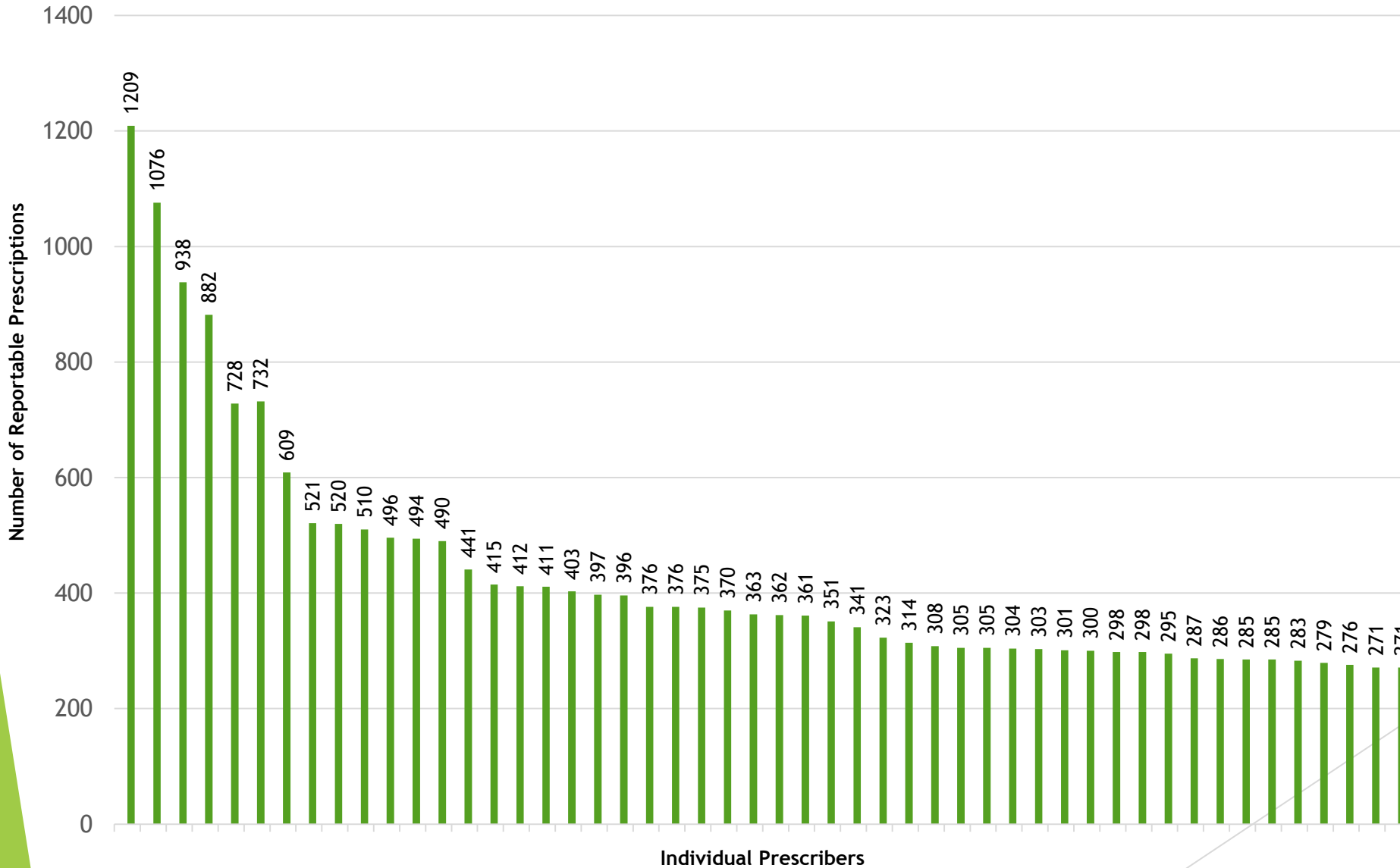


Prescriptions Dispensed by Class

	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
Anesthetic	27	23	2	8	16	12	8	6	2	292	483	655	511	558
Cannabinoid	161	177	203	188	207	202	200	189	213	175	467	210	206	195
GI Narcotic	774	780	716	664	595	756	703	700	736	810	818	785	749	762
Narcotic/ Opioids	175,601	160,332	151,366	153,880	154,301	148,568	139,836	136,279	138,453	130,846	126,333	132,829	126,071	120,582
Neuropain	9,405	9,499	9,346	9,404	9,222	9,610	9,306	8,920	9,330	1,087	-	-	-	-
Other	1,532	1,624	1,348	1,510	1,916	3,886	34,703*	43,460	46,934	47,057	47,304	48,517	45,894	46,193
Sedative	106,088	103,038	99,096	97,912	96,888	97,895	95,999	89,185	93,374	100,779	100,385	101,689	95,393	95,053
Steroid	2,149	2,181	2,123	2,124	2,013	2,154	2,165	2,045	2,014	2,647	2,757	2,822	2,528	2,520
Stimulant	52,043	49,959	47,678	50,041	52,622	52,629	51,147	51,087	54,742	53,720	52,344	56,553	54,979	53,420
Blank	44	45	36	43	12	37	44	65	52	58	74	109	94	133
Total	347,824	327,658	311,914	315,774	317,803	315,749	334,111	331,936	345,857	337,510	330,680	344,169	326,435	319,416

* 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.

Top Prescribers by Number of Prescriptions Quarter 2 - 2019



Reportable Prescriptions per Patient County

Quarter 2 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Adams	2,318	41	943	0.407	58,465	25.22
Barnes	10,734	14	4,759	0.443	286,454	26.69
Benson	6,936	20	2,781	0.401	152,466	21.98
Billings	940	52	85	0.090	3,677	3.91
Bottineau	6,530	21	2,002	0.307	117,460	17.99
Bowman	3,166	34	928	0.293	53,396	16.87
Burke	2,131	46	743	0.349	51,989	24.40
Burleigh	95,030	2	34,703	0.365	2,062,507	21.70
Cass	177,787	1	57,285	0.322	3,190,584	17.95
Cavalier	3,762	31	1,379	0.367	87,023	23.13
Dickey	4,861	24	2,066	0.425	118,220	24.32
Divide	2,288	43	616	0.269	41,470	18.12
Dunn	4,289	26	1,331	0.310	72,012	16.79
Eddy	2,316	42	987	0.426	68,260	29.47
Emmons	3,301	32	1,159	0.351	65,184	19.75
Foster	3,257	33	1,369	0.420	85,813	26.35

Reportable Prescriptions per Patient County

Quarter 2 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Golden Valley	1,789	50	626	0.350	37,223	20.81
Grand Forks	70,795	3	24,704	0.349	1,423,765	20.11
Grant	2,376	40	995	0.419	58,886	24.78
Griggs	2,258	44	686	0.304	39,709	17.59
Hettinger	2,483	37	965	0.389	64,967	26.16
Kidder	2,482	38	838	0.338	50,895	20.51
LaMoure	4,087	28	1,306	0.320	75,537	18.48
Logan	1,918	48	623	0.325	42,195	22.00
McHenry	5,900	22	2,051	0.348	138,372	23.45
McIntosh	2,606	36	966	0.371	61,323	23.53
McKenzie	12,724	11	3,742	0.294	219,259	17.23
McLean	9,685	16	4,048	0.418	263,679	27.23
Mercer	8,465	17	2,988	0.353	190,575	22.51
Morton	30,796	6	13,005	0.422	793,036	25.75
Mountrail	10,265	15	3,833	0.373	227,087	22.12
Nelson	2,937	35	1,301	0.443	74,203	25.26
Oliver	1,940	47	474	0.244	30,951	15.95
Pembina	6,972	19	3,151	0.452	201,432	28.89

Reportable Prescriptions per Patient County

Quarter 2 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Pierce	4,099	27	1,530	0.373	91,938	22.43
Ramsey	11,519	12	5,375	0.467	297,651	25.84
Ransom	5,297	23	2,345	0.443	151,103	28.53
Renville	2,463	39	883	0.359	48,466	19.68
Richland	16,351	9	4,942	0.302	302,309	18.49
Rolette	14,531	10	7,473	0.514	396,460	27.28
Sargent	3,858	30	1,363	0.353	87,412	22.66
Sheridan	1,353	51	492	0.364	32,180	23.78
Sioux	4,376	25	1,633	0.373	106,588	24.36
Slope	771	53	68	0.088	5,094	6.61
Stark	30,209	7	11,684	0.387	644,260	21.33
Steele	1,917	49	432	0.225	25,766	13.44
Stutsman	21,087	8	9,005	0.427	539,014	25.56
Towner	2,253	45	792	0.352	53,955	23.95
Traill	8,013	18	2,864	0.357	180,942	22.58
Walsh	10,855	13	4,819	0.444	283,006	26.07
Ward	68,946	4	20,723	0.301	1,233,164	17.89
Wells	4,022	29	1,830	0.455	111,531	27.73
Williams	33,349	5	13,140	0.394	753,405	22.59
Total/Average	755,393	N/A	270,831	0.359	15,852,319	20.99

Opioid Prescriptions by Patient County

Quarter 2 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Adams	2,318	41	328	0.142	21,289	9.18
Barnes	10,734	14	1,666	0.155	85,317	7.95
Benson	6,936	20	1,359	0.196	63,726	9.19
Billings	940	52	30	0.032	1,189	1.26
Bottineau	6,530	21	636	0.097	29,512	4.52
Bowman	3,166	34	323	0.102	18,397	5.81
Burke	2,131	46	320	0.150	21,499	10.09
Burleigh	95,030	2	12,784	0.135	681,170	7.17
Cass	177,787	1	16,771	0.094	710,968	4.00
Cavalier	3,762	31	479	0.127	27,209	7.23
Dickey	4,861	24	708	0.146	38,075	7.83
Divide	2,288	43	236	0.103	16,266	7.11
Dunn	4,289	26	568	0.132	31,643	7.38
Eddy	2,316	42	428	0.185	30,522	13.18
Emmons	3,301	32	475	0.144	22,674	6.87
Foster	3,257	33	540	0.166	35,408	10.87

Opioid Prescriptions by Patient County

Quarter 2 - 2019

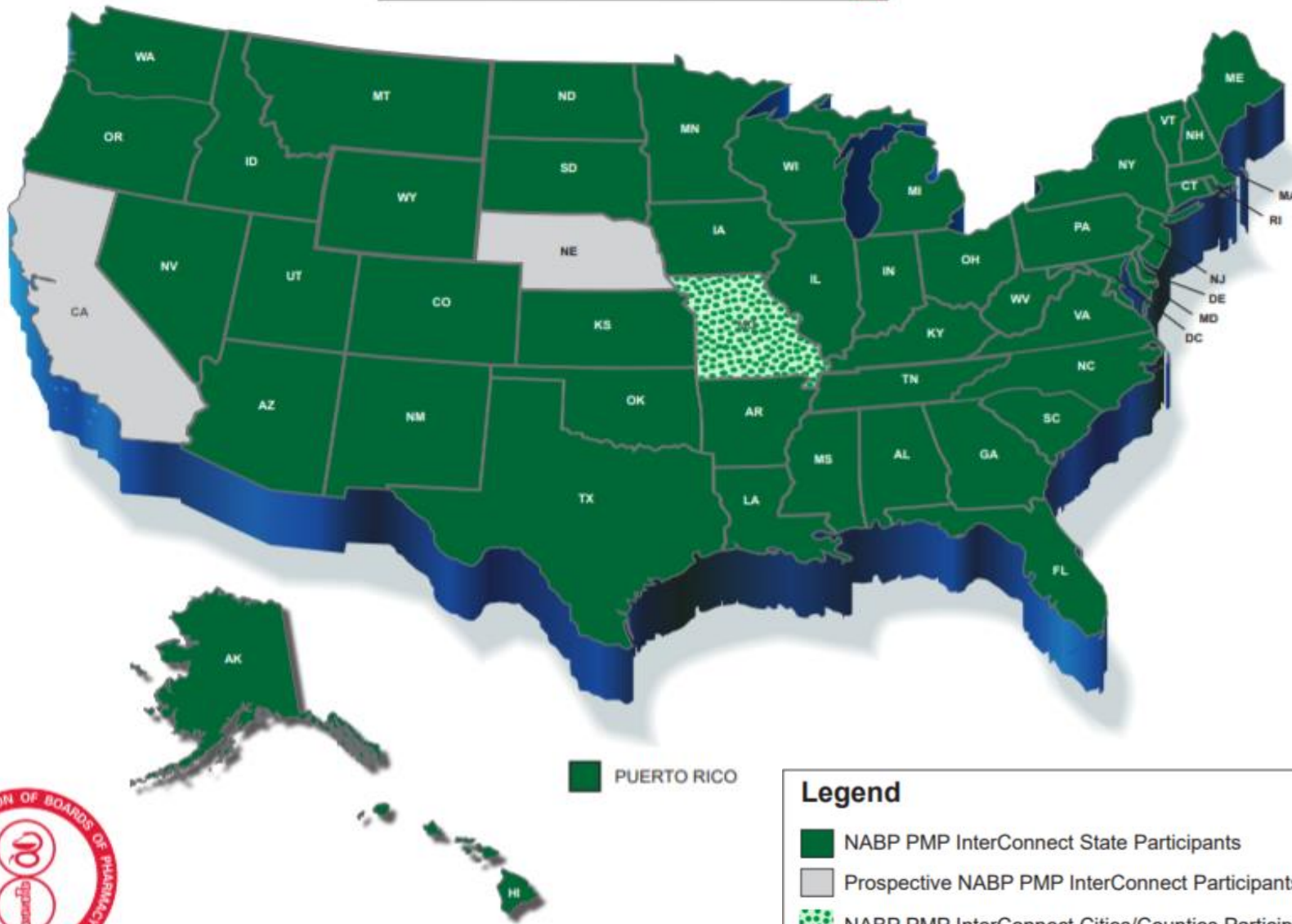
County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Golden Valley	1,789	50	216	0.121	12,645	7.07
Grand Forks	70,795	3	8,787	0.124	435,485	6.15
Grant	2,376	40	492	0.207	28,884	12.16
Griggs	2,258	44	232	0.103	11,108	4.92
Hettinger	2,483	37	374	0.151	26,627	10.72
Kidder	2,482	38	308	0.124	16,028	6.46
LaMoure	4,087	28	488	0.119	20,187	4.94
Logan	1,918	48	214	0.112	13,153	6.86
McHenry	5,900	22	735	0.125	42,417	7.19
McIntosh	2,606	36	371	0.142	18,155	6.97
McKenzie	12,724	11	1,362	0.107	73,382	5.77
McLean	9,685	16	1,615	0.167	97,045	10.02
Mercer	8,465	17	1,122	0.133	71,888	8.49
Morton	30,796	6	5,142	0.167	285,770	9.28
Mountrail	10,265	15	1,500	0.146	77,954	7.59
Nelson	2,937	35	497	0.169	24,789	8.44
Oliver	1,940	47	201	0.104	11,705	6.03
Pembina	6,972	19	992	0.142	60,652	8.70

Opioid Prescriptions by Patient County

Quarter 2 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Pierce	4,099	27	582	0.142	29,833	7.28
Ramsey	11,519	12	2,249	0.195	113,573	9.86
Ransom	5,297	23	704	0.133	39,566	7.47
Renville	2,463	39	246	0.100	12,911	5.24
Richland	16,351	9	1,618	0.099	76,252	4.66
Rolette	14,531	10	2,912	0.200	144,105	9.92
Sargent	3,858	30	470	0.122	22,241	5.76
Sheridan	1,353	51	220	0.163	14,370	10.62
Sioux	4,376	25	871	0.199	52,947	12.10
Slope	771	53	21	0.027	2,224	2.88
Stark	30,209	7	4,610	0.153	235,349	7.79
Steele	1,917	49	141	0.074	5,642	2.94
Stutsman	21,087	8	3,138	0.149	156,554	7.42
Towner	2,253	45	293	0.130	20,757	9.21
Traill	8,013	18	807	0.101	40,665	5.07
Walsh	10,855	13	1,716	0.158	95,879	8.83
Ward	68,946	4	6,189	0.090	302,398	4.39
Wells	4,022	29	618	0.154	33,613	8.36
Williams	33,349	5	4,898	0.147	286,925	8.60
Total/Average	755,393	N/A	94,602	0.125	4,848,540	6.42

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

