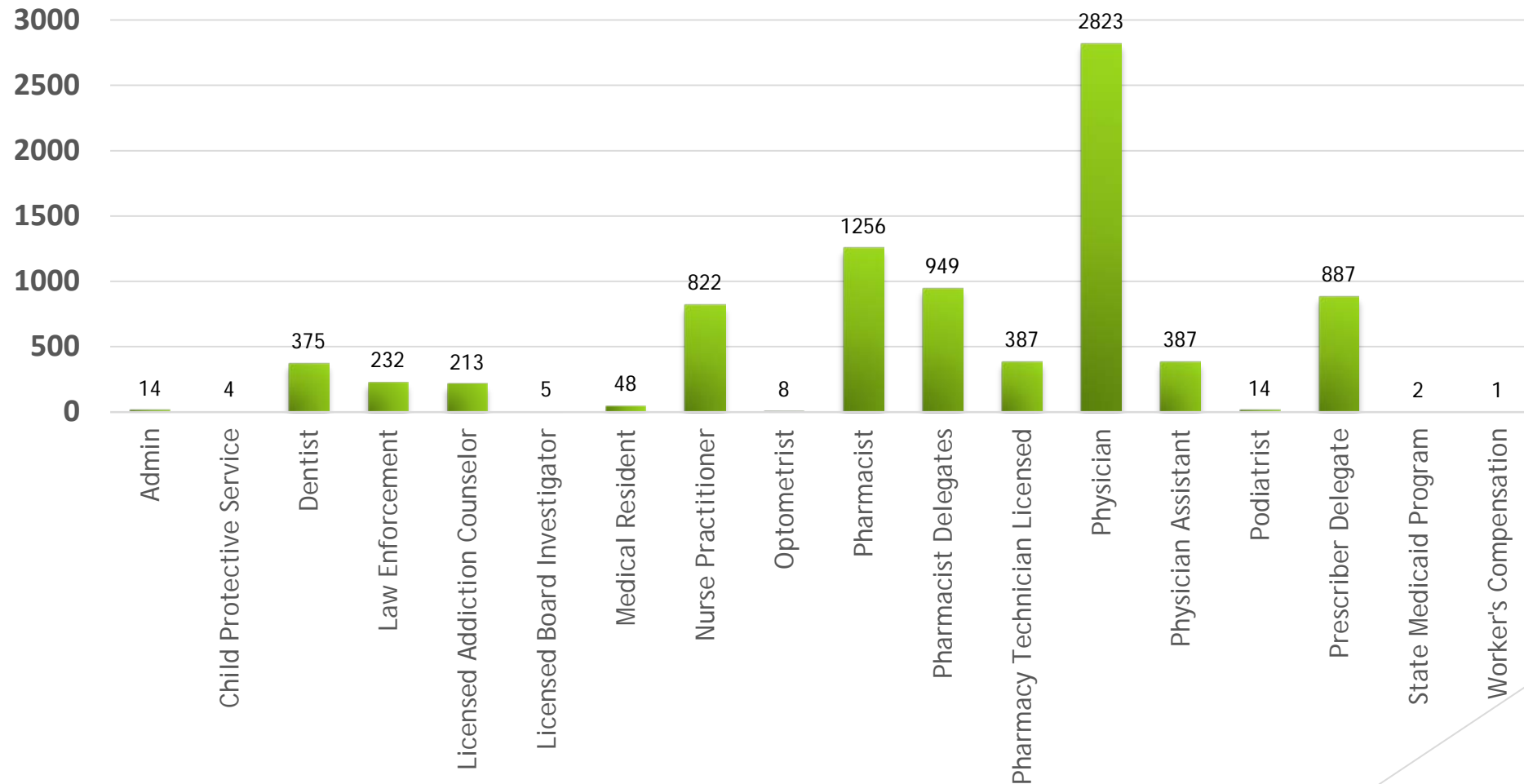


# Prescription Drug Monitoring Program Facts, Figures, and Trends 4<sup>th</sup> Quarter 2018

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](mailto:pdmp@ndboard.pharmacy)

# Total User Accounts = 8,043



# Number of Users per Month

Month
Total Users
Avg. Daily Active Users
Monthly Active Users

## 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

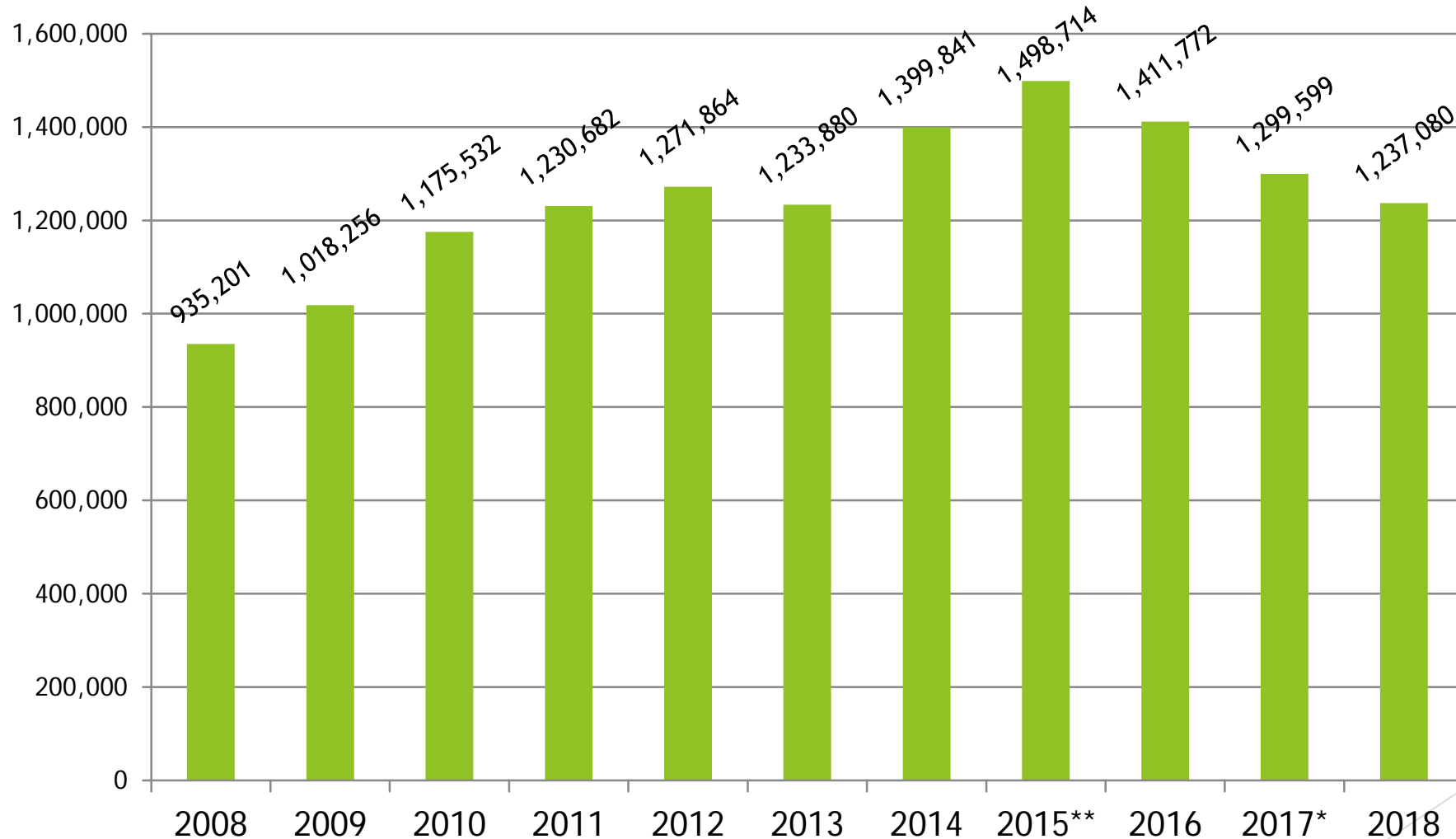
## 2017 Users

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

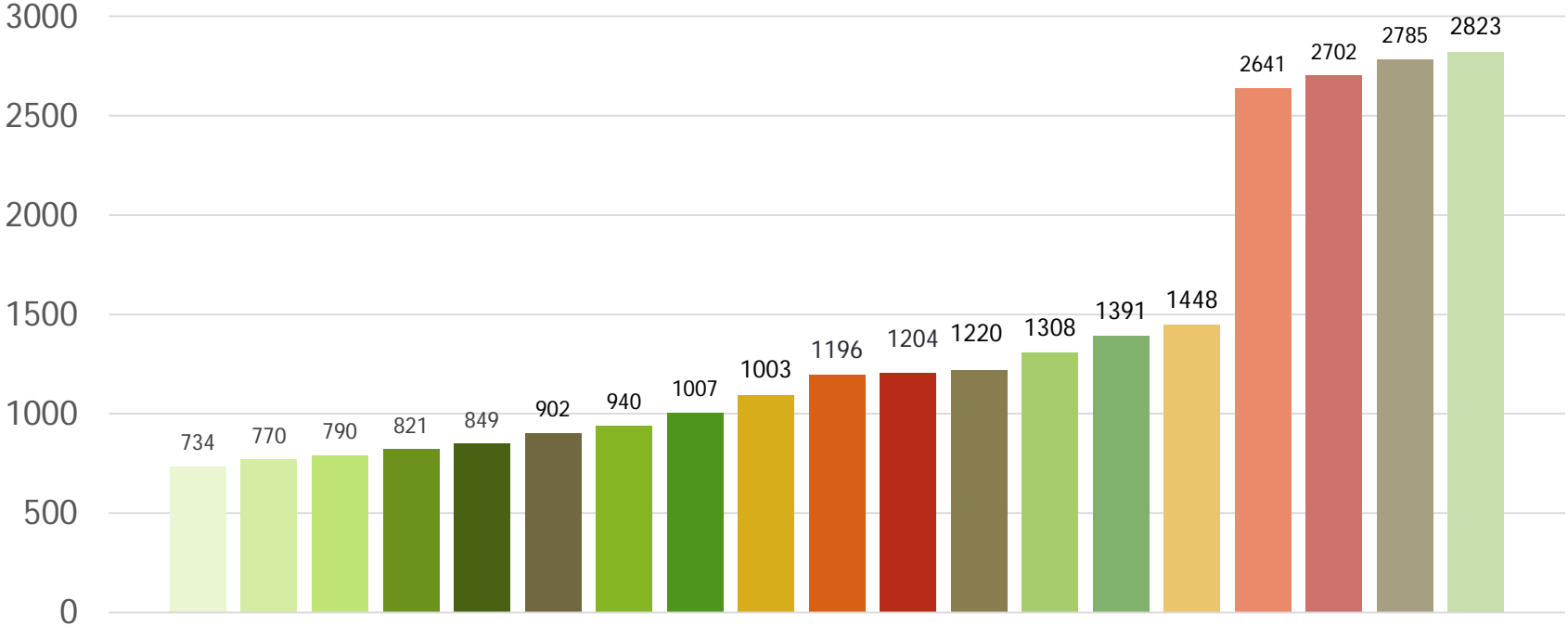
# All Reportable Substances Dispensed/Year in ND or to ND Residents



\*Gabapentin reporting started on August 1<sup>st</sup>, 2017

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

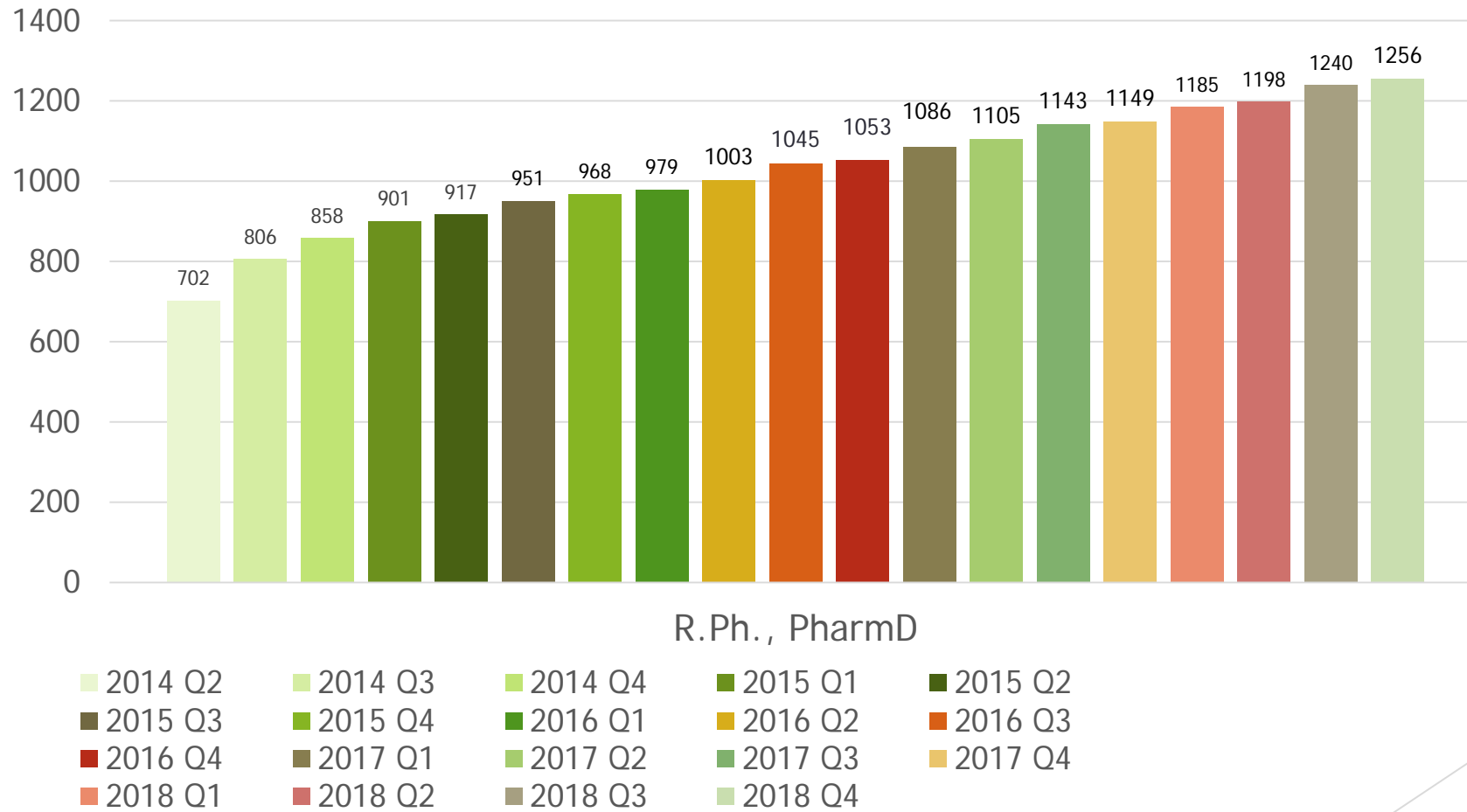
# PDMP Accounts -Medical Doctors



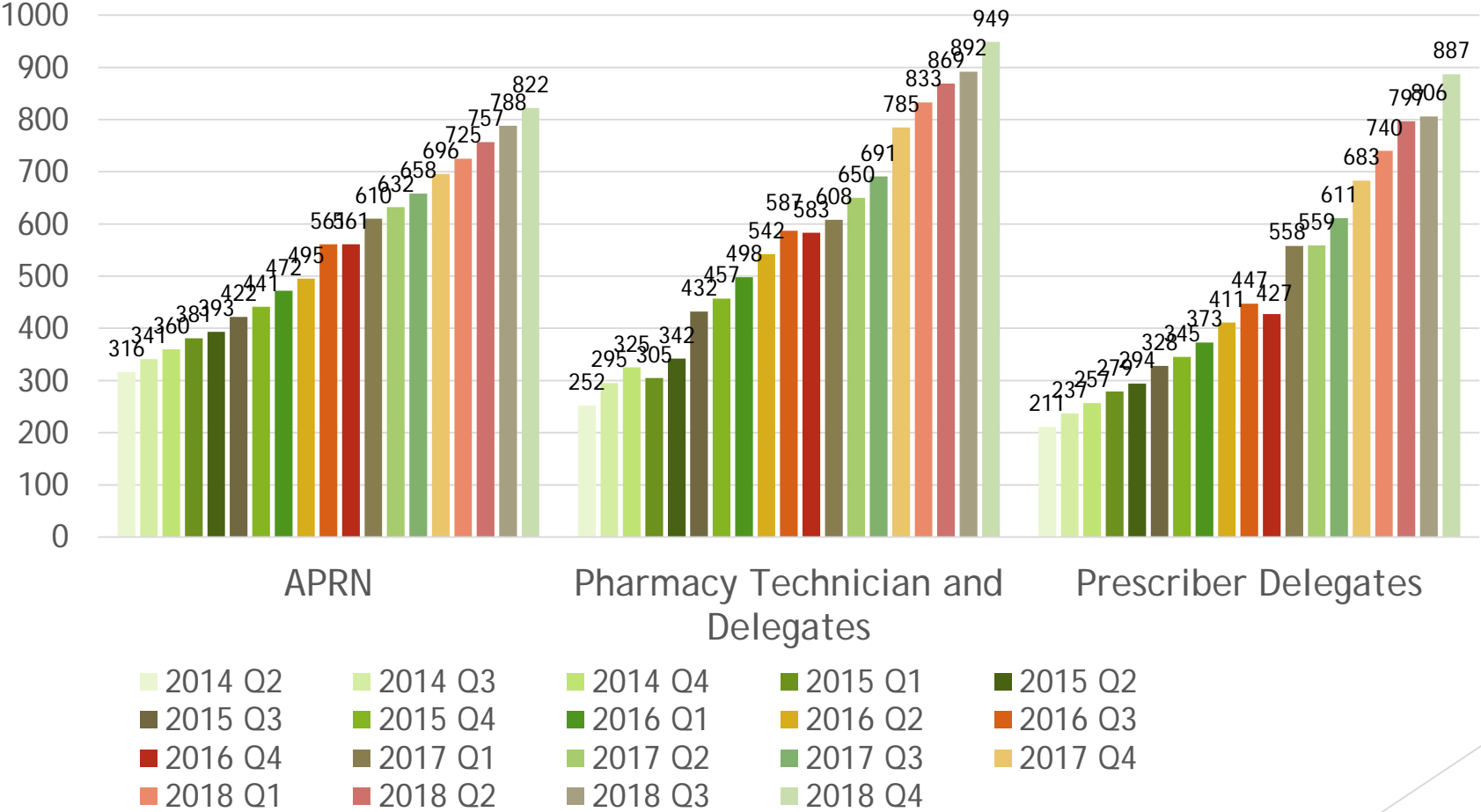
MD, DO, DPM

- 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

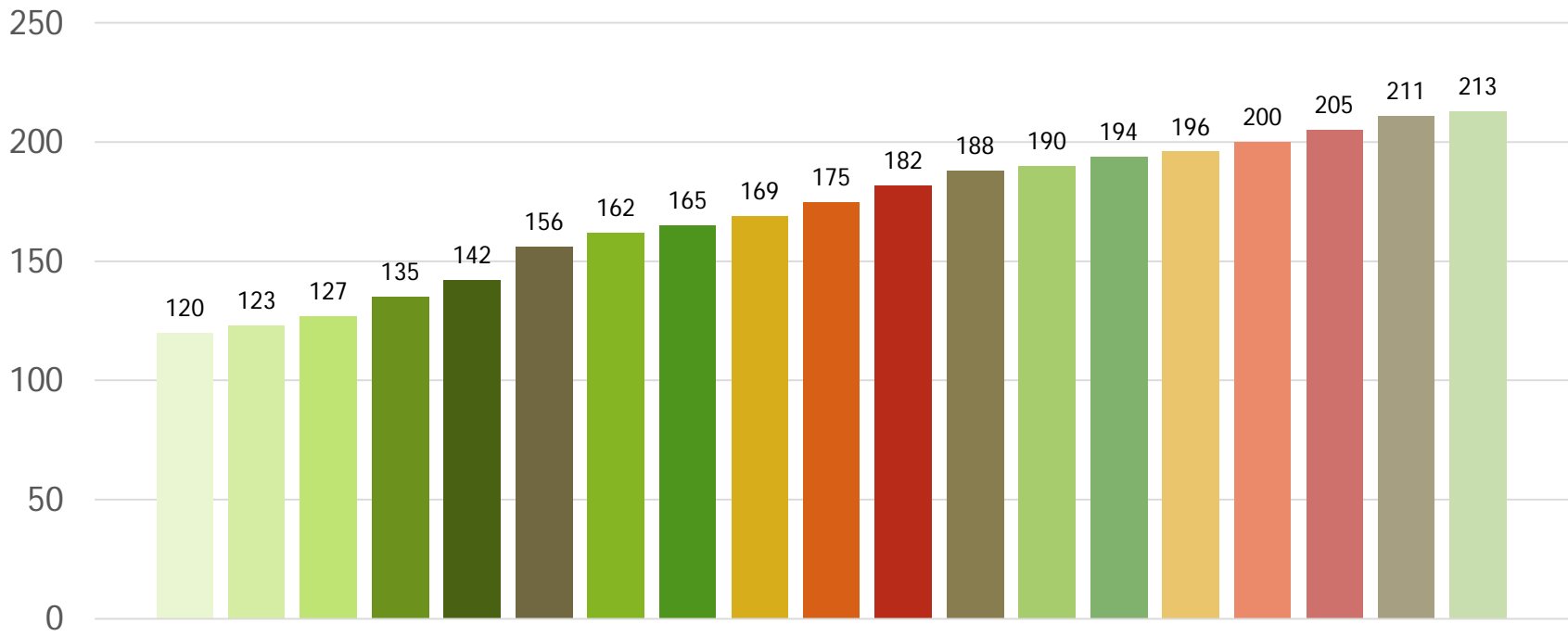
# PDMP Accounts - Pharmacists



# PDMP Accounts - Pharmacy Technicians, Delegates, and Advanced Practice Nurses



# PDMP Accounts -Licensed Addiction Counselors

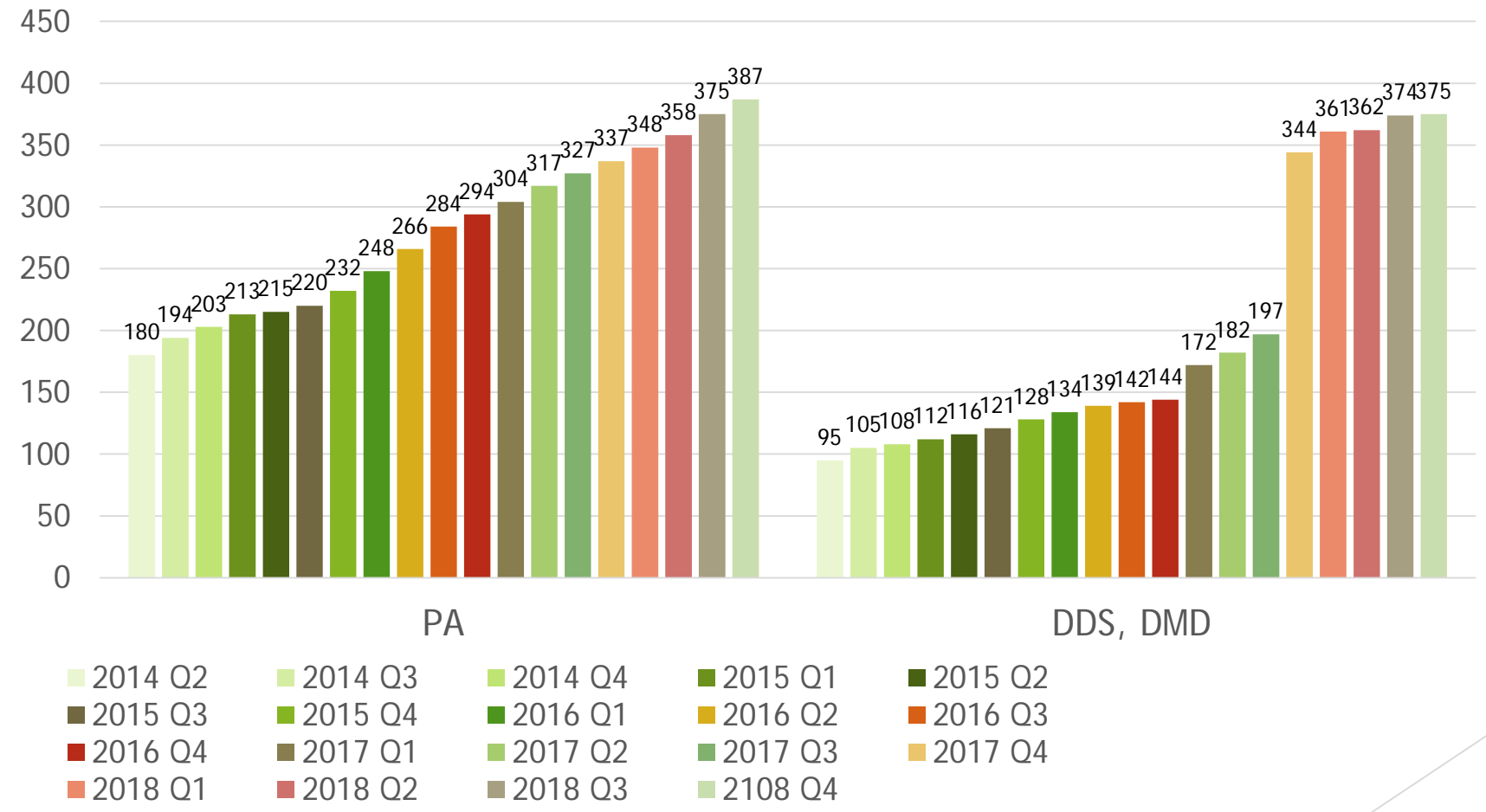


LAC

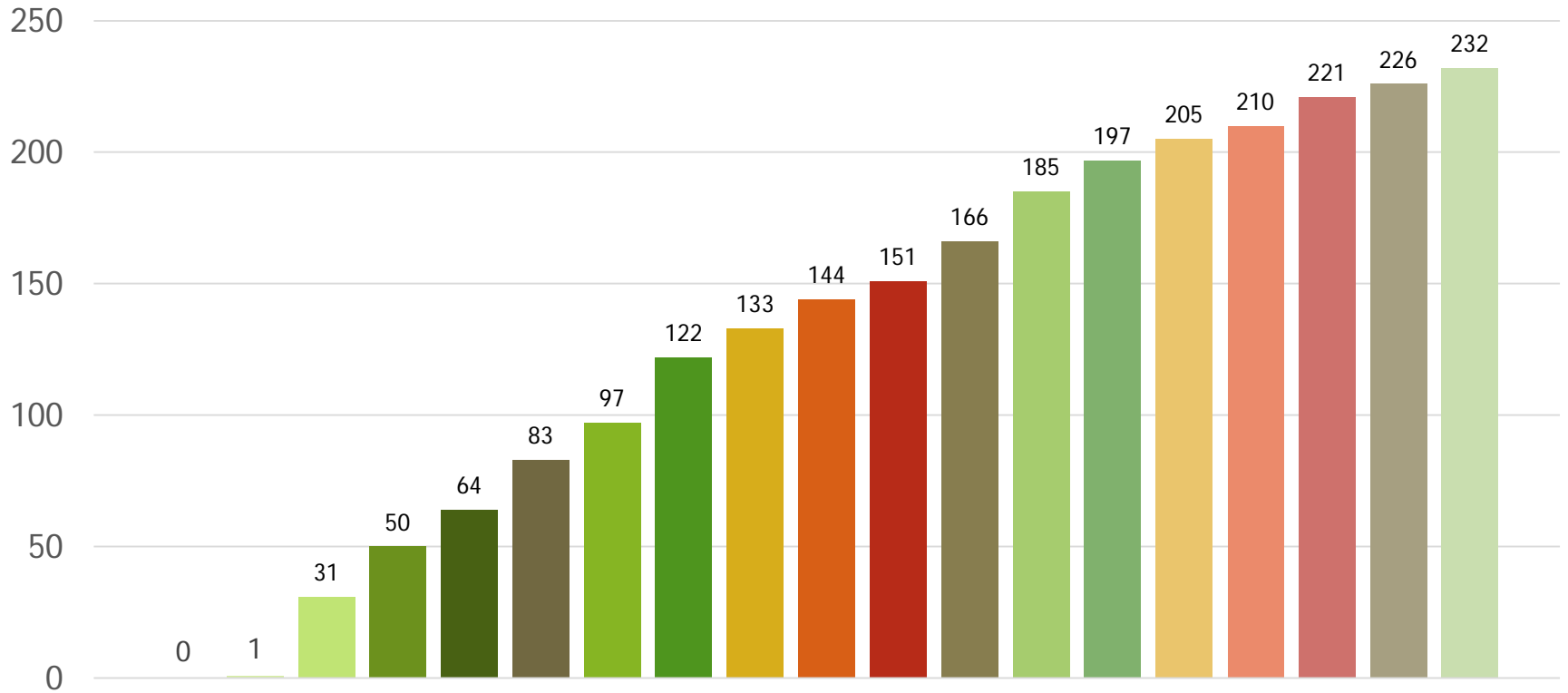
- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4



# PDMP Accounts - Physician Assistants and Dentists



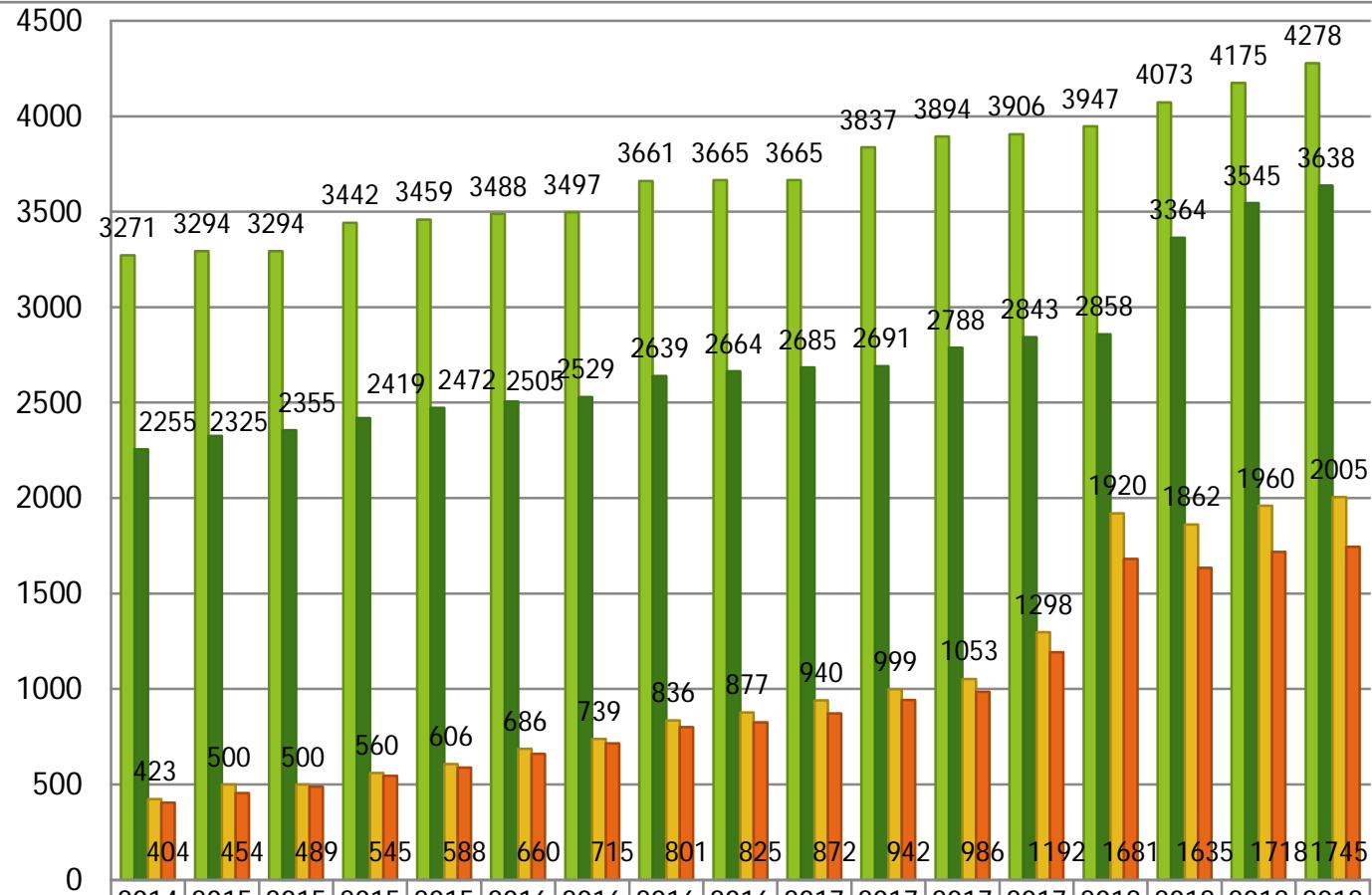
# PDMP Accounts -Law Enforcement



Law Enforcement

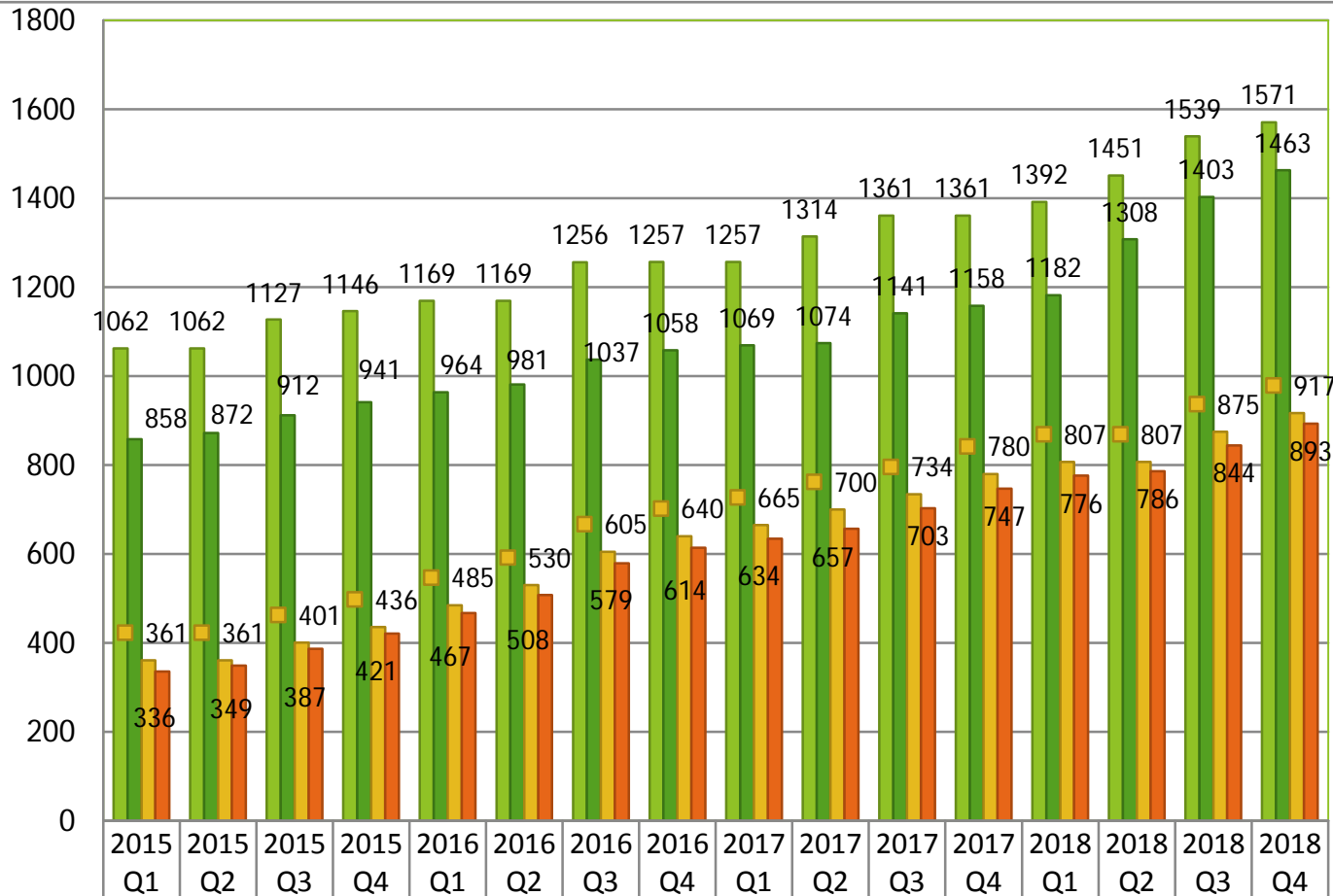
- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4

# Doctors - Authorization vs. Utilization



■ ND DEA Registered Doctors	3271	3294	3294	3442	3459	3488	3497	3661	3665	3665	3837	3894	3906	3947	4073	4175	4278
■ ND Doctors who authorized prescriptions	2255	2325	2355	2419	2472	2505	2529	2639	2664	2685	2691	2788	2843	2858	3364	3545	3638
■ ND Doctors also registered with ND PDMP	423	500	500	560	606	686	739	836	877	940	999	1053	1298	1920	1862	1960	2005
■ ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	404	454	489	545	588	660	715	801	825	872	942	986	1192	1681	1635	1718	1745

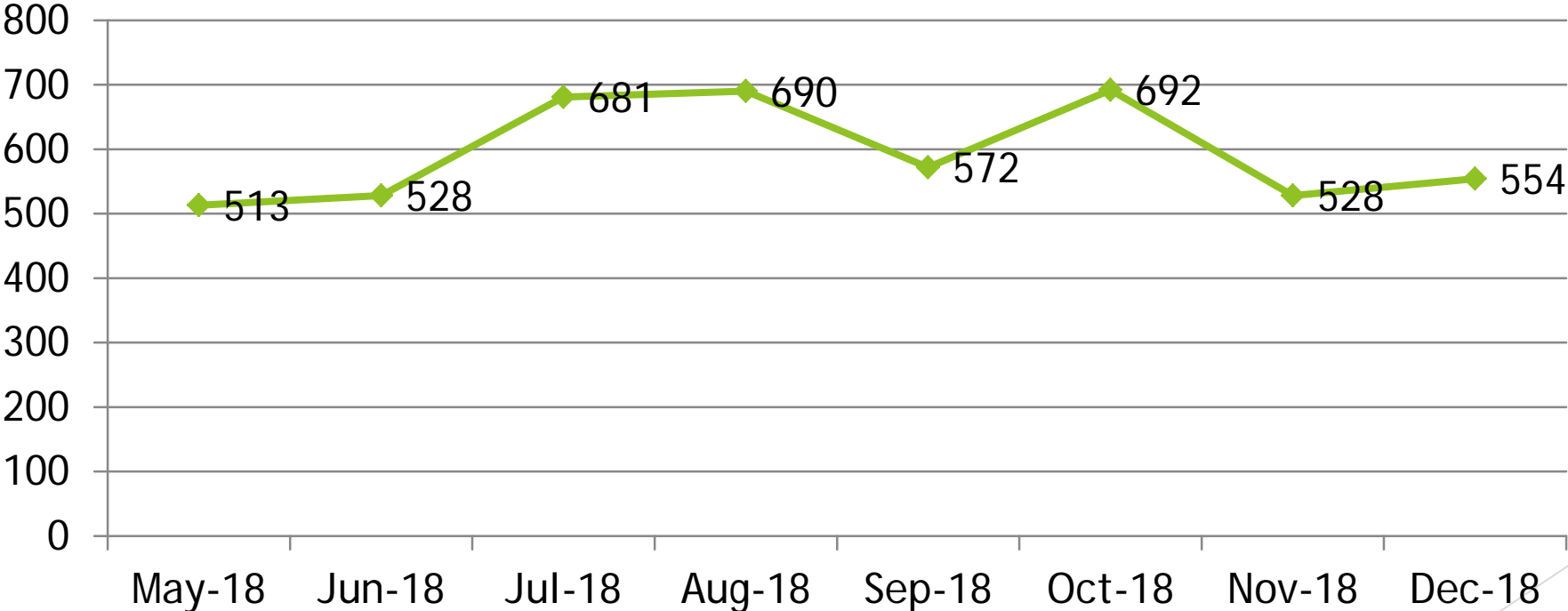
# Other Practitioners - Authorization vs. Utilization



■ ND DEA Registered Other Practitioners	1062	1062	1127	1146	1169	1169	1256	1257	1257	1314	1361	1361	1392	1451	1539	1571
■ ND Authorized Prescriptions	858	872	912	941	964	981	1037	1058	1069	1074	1141	1158	1182	1308	1403	1463
■ ND Registered with ND PDMP	361	361	401	436	485	530	605	640	665	700	734	780	807	807	875	917
■ 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	786	844	893

# ND Health Information Network Requests

## ND HIN Requests by Month

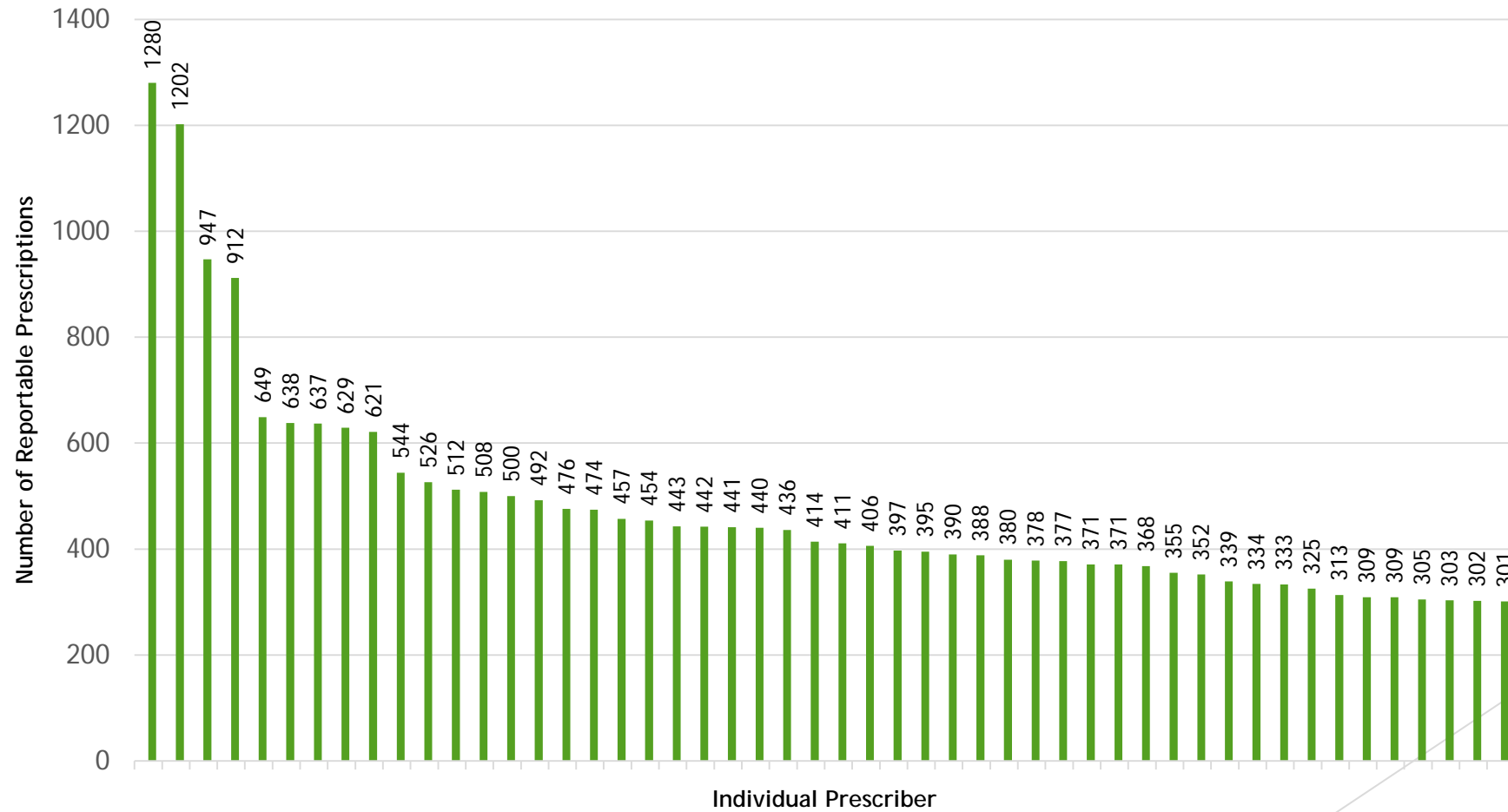


# Prescriptions Dispensed by Class

	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
Anesthetic	37	27	23	2	8	16	12	8	6	2	292	483	655
Cannabinoid	160	161	177	203	188	207	202	200	189	213	175	167	210
GI Narcotic	824	774	780	716	664	595	756	703	700	736	810	818	785
Narcotic/ Opioids	180,346	175,601	160,332	151,366	153,880	154,301	148,568	139,836	136,279	138,453	130,846	126,333	132,829
Neuropain	9,615	9,405	9,499	9,346	9,404	9,222	9,610	9,306	8,920	9,330	1,087	-	-
Other	1,649	1,532	1,624	1,348	1,510	1,916	3,886	34,703*	43,460	46,934	47,057	47,304	48,517
Sedative	107,138	106,088	103,038	99,096	97,912	96,888	97,895	95,999	89,185	93,374	100,779	100,385	101,689
Steroid	2,322	2,149	2,181	2,123	2,124	2,013	2,154	2,165	2,045	2,014	2,647	2,757	2,822
Stimulant	51,612	52,043	49,959	47,678	50,041	52,622	52,629	51,147	51,087	54,742	53,720	52,344	56,553
Blank	33	44	45	36	43	12	37	44	65	52	58	74	109
Total	353,736	347,824	327,658	311,914	315,774	317,803	315,749	334,111	331,936	345,857	337,510	330,680	344,169

\* The required reporting of gabapentin (August 2017) containing dispensations can account for the large increase in the 'Other' category.

# Top Prescribers by Number of Prescriptions Quarter 4 -2018



# Reportable Prescriptions per Patient County

## Quarter 4 - 2018 (1 of 3)

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units Per Person
Adams	2,318	41	972	0.4193	58804	25.37
Barnes	10,734	14	4927	0.4590	297824	27.75
Benson	6,936	20	2913	0.4200	160940	23.20
Billings	940	52	76	0.0809	3333	3.55
Bottineau	6,530	21	2125	0.3254	124215	19.02
Bowman	3,166	34	991	0.3130	57430	18.14
Burke	2,131	46	738	0.3463	50503	23.70
Burleigh	95,030	2	36616	0.3853	2204283	23.20
Cass	177,787	1	60325	0.3393	3451076	19.41
Cavalier	3,762	31	1462	0.3886	92172	24.50
Dickey	4,861	24	2109	0.4339	127343	26.20
Divide	2,288	43	681	0.2976	42763	18.69
Dunn	4,289	26	1486	0.3465	83469	19.46
Eddy	2,316	42	967	0.4175	65515	28.29
Emmons	3,301	32	1278	0.3872	74202	22.48
Foster	3,257	33	1379	0.4234	89018	27.33



# Reportable Prescriptions per Patient County

## Quarter 4 - 2018 (2 of 3)

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units Per Person
Golden Valley	1,789	50	722	0.4036	43879	24.53
Grand Forks	70,795	3	26751	0.3779	1523681	21.52
Grant	2,376	40	1021	0.4297	62369	26.25
Griggs	2,258	44	774	0.3428	46606	20.64
Hettinger	2,483	37	1032	0.4156	73419	29.57
Kidder	2,482	38	951	0.3832	59794	24.09
LaMoure	4,087	28	1372	0.3357	80709	19.75
Logan	1,918	48	697	0.3634	48088	25.07
McHenry	5,900	22	2162	0.3664	148192	25.12
McIntosh	2,606	36	1061	0.4071	65333	25.07
McKenzie	12,724	11	3722	0.2925	220662	17.34
McLean	9,685	16	4540	0.4688	293690	30.32
Mercer	8,465	17	3201	0.3781	219447	25.92
Morton	30,796	6	13683	0.4443	859833	27.92
Mountrail	10,265	15	3731	0.3635	228961	22.31
Nelson	2,937	35	1209	0.4116	69052	23.51
Oliver	1,940	47	547	0.2820	36537	18.83
Pembina	6,972	19	3285	0.4712	215131	30.86

# Reportable Prescriptions per Patient County

## Quarter 4 - 2018 (3 of 3)

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units Per Person
Pierce	4,099	27	1494	0.3645	90442	22.06
Ramsey	11,519	12	5562	0.4829	323690	28.10
Ransom	5,297	23	2490	0.4701	150311	28.38
Renville	2,463	39	938	0.3808	50354	20.44
Richland	16,351	9	5195	0.3177	323182	19.77
Rolette	14,531	10	7673	0.5280	428711	29.50
Sargent	3,858	30	1331	0.3450	86975	22.54
Sheridan	1,353	51	487	0.3599	35351	26.13
Sioux	4,376	25	1890	0.4319	126264	28.85
Slope	771	53	93	0.1206	6052	7.85
Stark	30,209	7	12294	0.4070	687504	22.76
Steele	1,917	49	461	0.2405	29521	15.40
Stutsman	21,087	8	9641	0.4572	573672	27.21
Towner	2,253	45	889	0.3946	57247	25.41
Traill	8,013	18	2962	0.3696	198968	24.83
Walsh	10,855	13	5147	0.4742	315185	29.04
Ward	68,946	4	22315	0.3237	1362100	19.76
Wells	4,022	29	1927	0.4791	117846	29.30
Williams	33,349	5	12653	0.3794	737813	22.12
<b>Total/Average</b>	<b>755,393</b>	<b>N/A</b>	<b>284948</b>	<b>0.3772</b>	<b>16979460</b>	<b>22.48</b>

# Opioid Prescriptions by Patient County

## Quarter 4 - 2018 (1 of 3)

County Name	Population	Population Rank	Prescriptions Count	Prescription Per Person	Total Dosage Units	Units Per Person
Adams	2,318	41	361	0.1557	22,219	9.59
Barnes	10,734	14	1,829	0.1704	96,452	8.99
Benson	6,936	20	1,332	0.1920	66,864	9.64
Billings	940	52	34	0.0362	1,369	1.46
Bottineau	6,530	21	705	0.1080	32,553	4.99
Bowman	3,166	34	354	0.1118	21,275	6.72
Burke	2,131	46	282	0.1323	18,918	8.88
Burleigh	95,030	2	14,028	0.1476	780,352	8.21
Cass	177,787	1	18,047	0.1015	782,507	4.40
Cavalier	3,762	31	519	0.1380	28,121	7.47
Dickey	4,861	24	725	0.1491	40,431	8.32
Divide	2,288	43	280	0.1224	16,846	7.36
Dunn	4,289	26	645	0.1504	37,296	8.70
Eddy	2,316	42	425	0.1835	29,568	12.77
Emmons	3,301	32	558	0.1690	27,488	8.33
Foster	3,257	33	555	0.1704	35,908	11.02

# Opioid Prescriptions by Patient County

## Quarter 4 - 2018 (2 of 3)

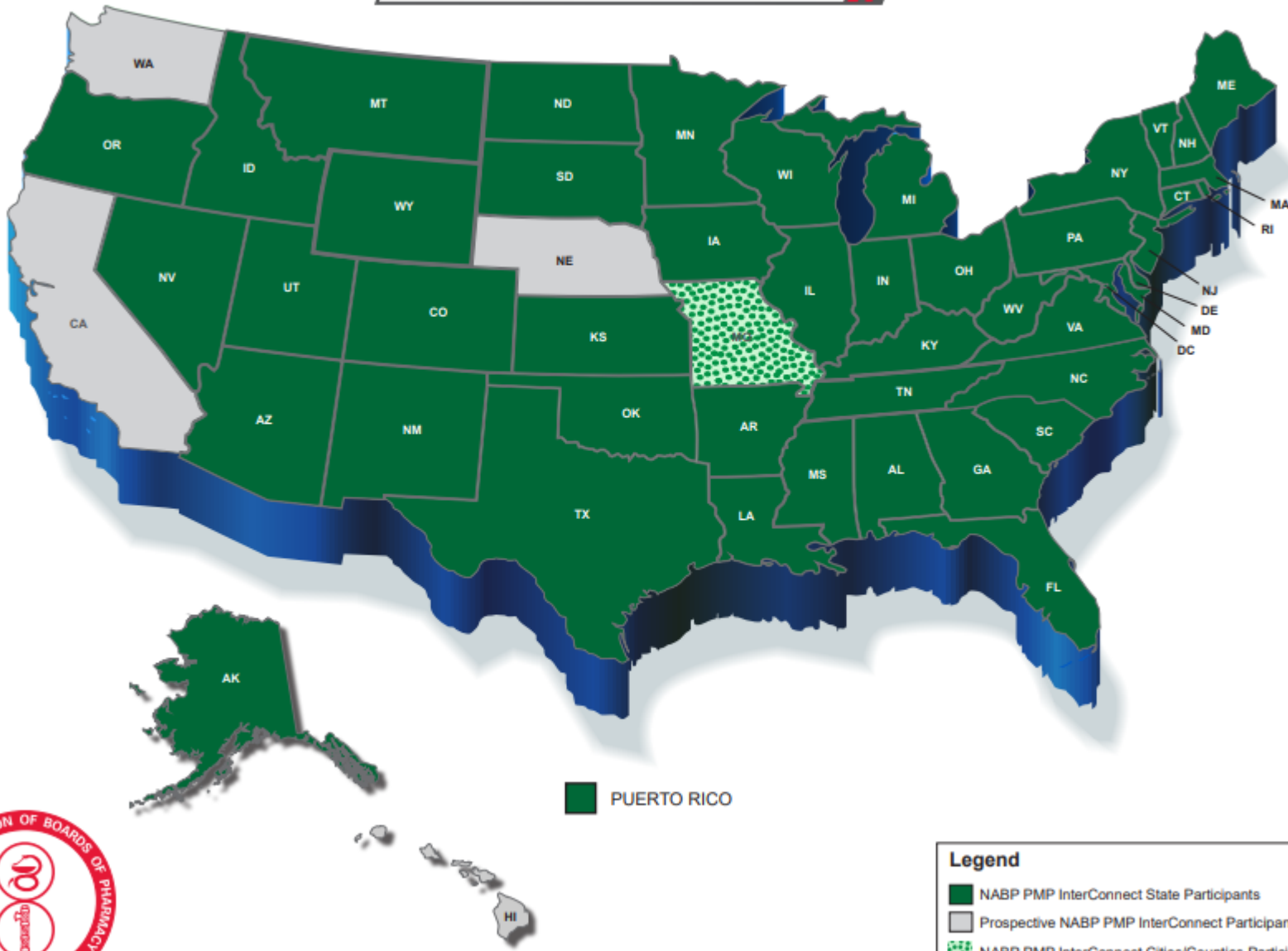
County Name	Population	Population Rank	Prescriptions Count	Prescription Per Person	Total Dosage Units	Units Per Person
Golden Valley	1,789	50	261	0.1459	14,902	8.33
Grand Forks	70,795	3	9,321	0.1317	472,887	6.68
Grant	2,376	40	504	0.2121	27,137	11.42
Griggs	2,258	44	270	0.1196	12,551	5.56
Hettinger	2,483	37	380	0.1530	26,503	10.67
Kidder	2,482	38	362	0.1459	18,795	7.57
LaMoure	4,087	28	514	0.1258	22,664	5.55
Logan	1,918	48	247	0.1288	14,369	7.49
McHenry	5,900	22	767	0.1300	43,503	7.37
McIntosh	2,606	36	468	0.1796	23,545	9.03
McKenzie	12,724	11	1,419	0.1115	76,632	6.02
McLean	9,685	16	1,888	0.1949	108,883	11.24
Mercer	8,465	17	1,208	0.1427	80,697	9.53
Morton	30,796	6	5,598	0.1818	329,496	10.70
Mountrail	10,265	15	1,475	0.1437	76,376	7.44
Nelson	2,937	35	475	0.1617	24,755	8.43
Oliver	1,940	47	245	0.1263	15,263	7.87
Pembina	6,972	19	1,122	0.1609	65,754	9.43

# Opioid Prescriptions by Patient County

## Quarter 4 - 2018 (3 of 3)

County Name	Population	Population Rank	Prescriptions Count	Prescription Per Person	Total Dosage Units	Units Per Person
Pierce	4,099	27	629	0.1535	31,289	7.63
Ramsey	11,519	12	2,283	0.1982	120,913	10.50
Ransom	5,297	23	842	0.1590	47,188	8.91
Renville	2,463	39	279	0.1133	12,333	5.01
Richland	16,351	9	1,786	0.1092	87,804	5.37
Rolette	14,531	10	2,944	0.2026	161,440	11.11
Sargent	3,858	30	449	0.1164	23,123	5.99
Sheridan	1,353	51	228	0.1685	15,444	11.41
Sioux	4,376	25	980	0.2239	64,504	14.74
Slope	771	53	48	0.0623	2,894	3.75
Stark	30,209	7	4,965	0.1644	260,448	8.62
Steele	1,917	49	153	0.0798	6,054	3.16
Stutsman	21,087	8	3,370	0.1598	169,443	8.04
Towner	2,253	45	349	0.1549	21,653	9.61
Trail	8,013	18	828	0.1033	45,243	5.65
Walsh	10,855	13	1,879	0.1731	111,631	10.28
Ward	68,946	4	6,881	0.0998	338,708	4.91
Wells	4,022	29	730	0.1815	38,314	9.53
Williams	33,349	5	5,002	0.1500	288,419	8.65
<b>Total/Average</b>	<b>755,393</b>	<b>N/A</b>	<b>101,828</b>	<b>0.1348</b>	<b>5,339,723</b>	<b>7.07</b>

# PMP INTERCONNECT®



# North Dakota State-to-State/Territories Connections (37 connections)

