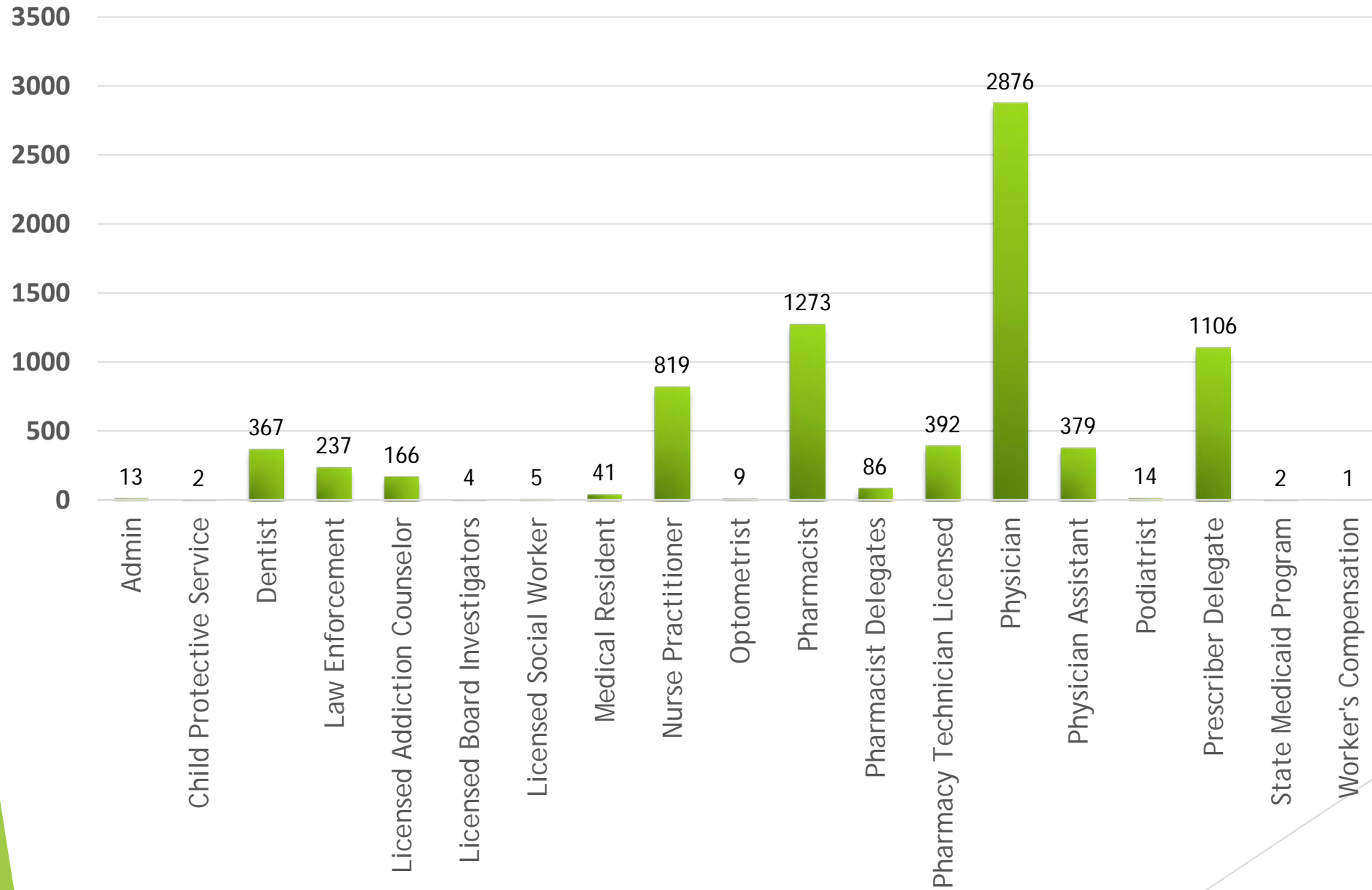


# Prescription Drug Monitoring Program Facts, Figures, and Trends 2nd Quarter 2019

North Dakota Board of Pharmacy  
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# 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					

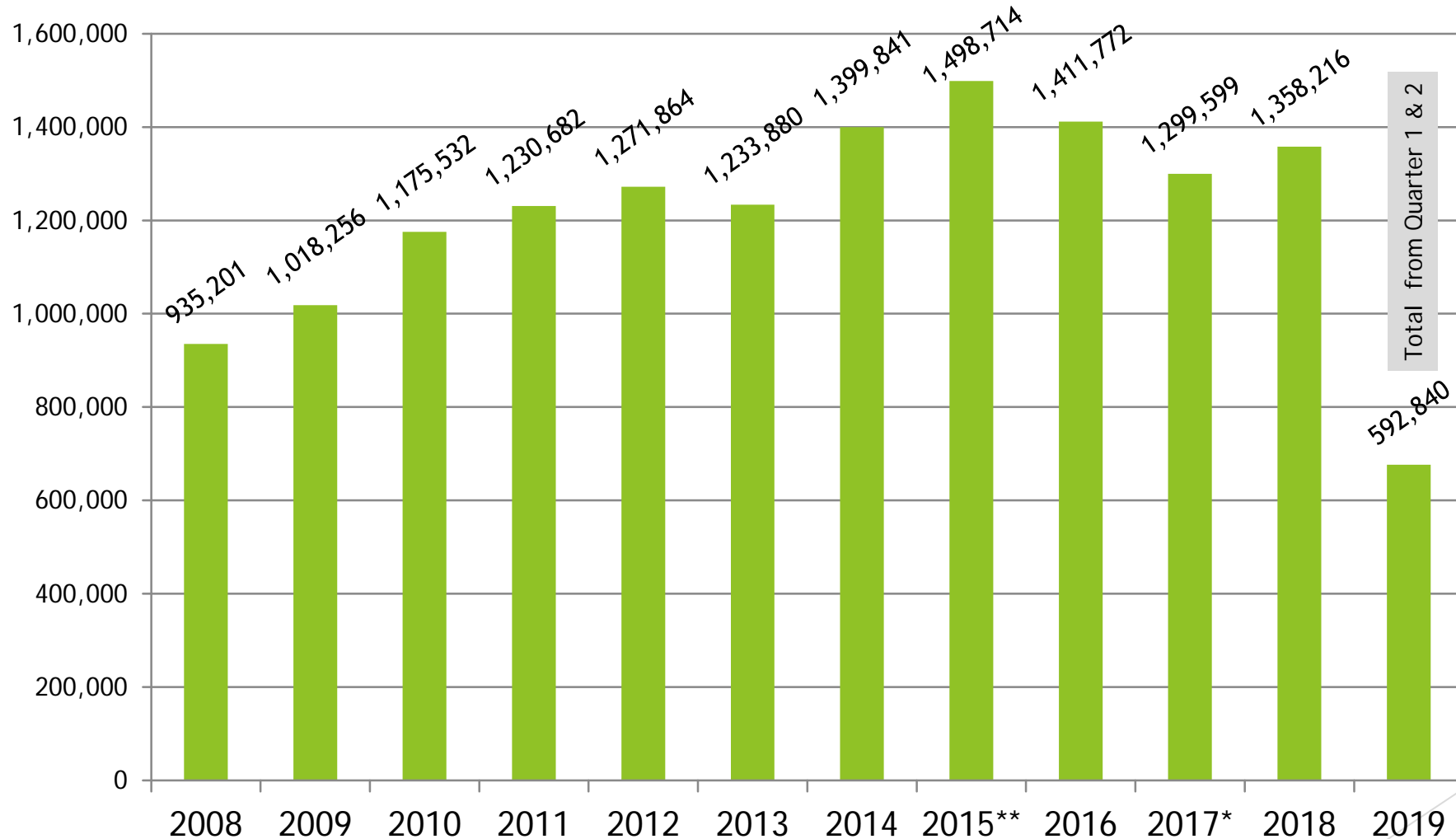
### Chart Legend

Total Users

Avg. Daily Active Users

Monthly Active Users

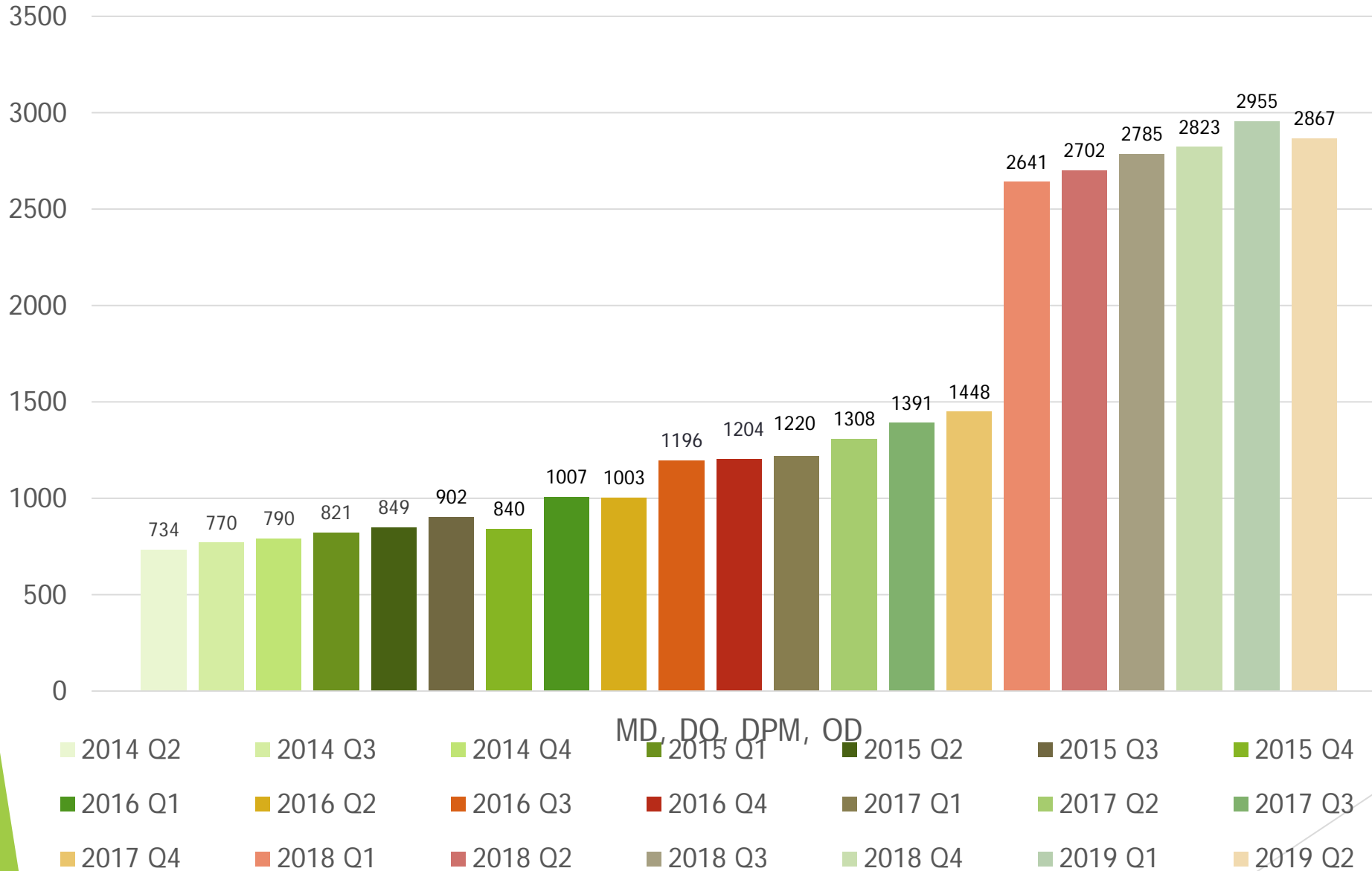
# All Reportable Substances Dispensed/Year in ND or to ND Residents



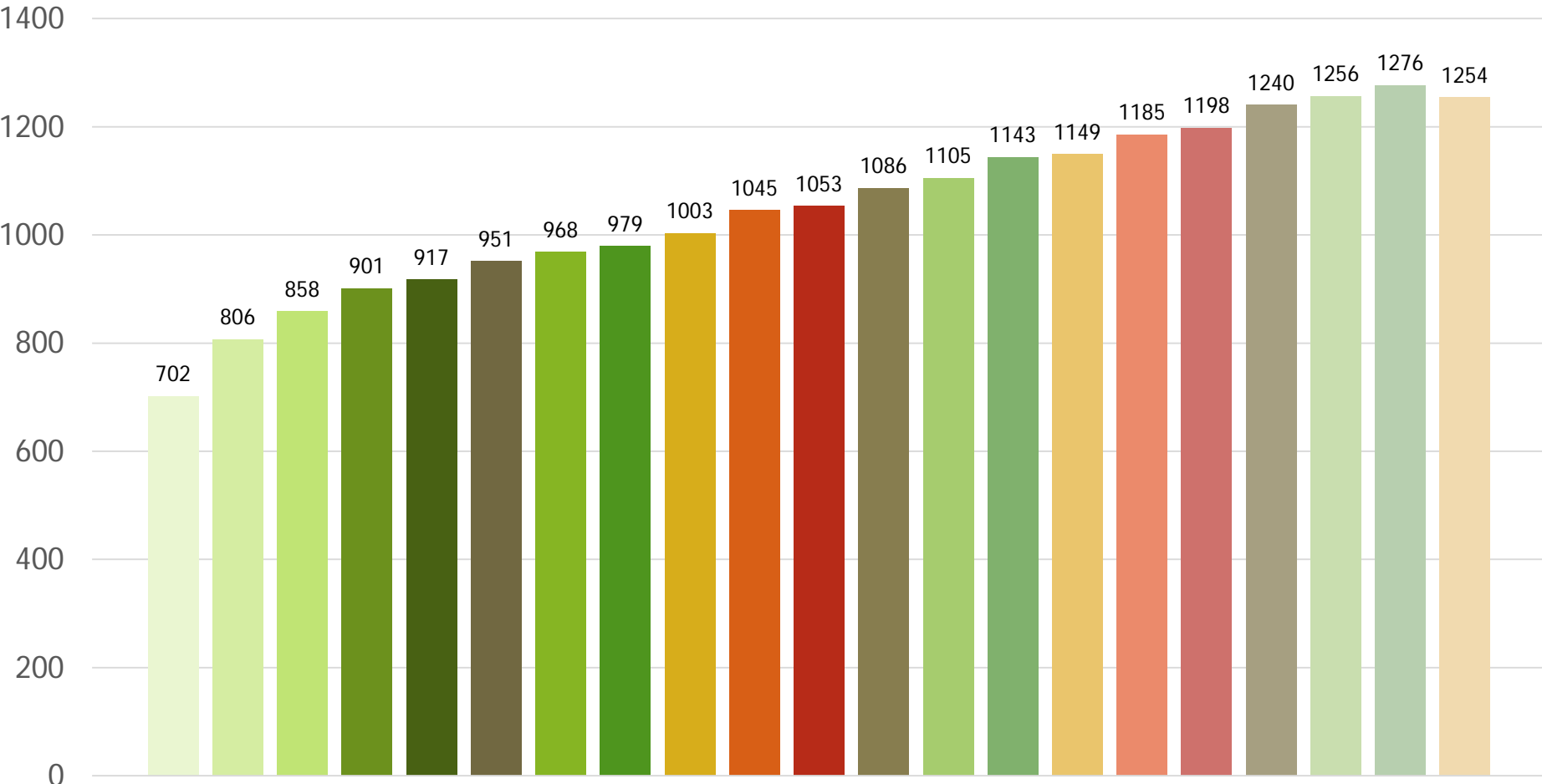
\*Gabapentin reporting started on August 1<sup>st</sup>, 2017; 2018 was the first full year of gabapentin collection.

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

# Active Accounts - Medical Doctors



# Active Accounts - Pharmacists



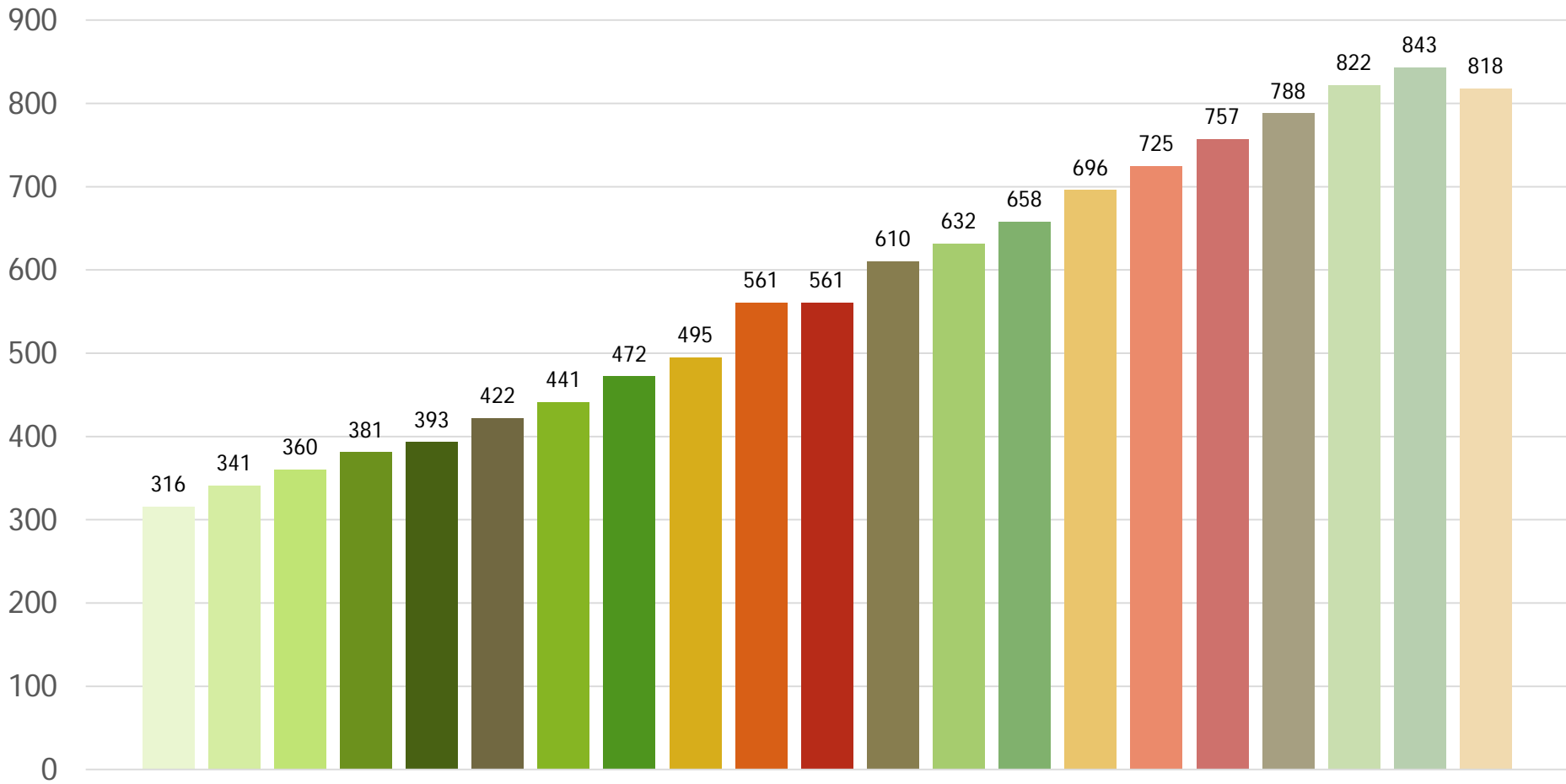
2014 Q2
  2014 Q3
  2014 Q4
  2015 Q1
  2015 Q2
  2015 Q3
  2015 Q4

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

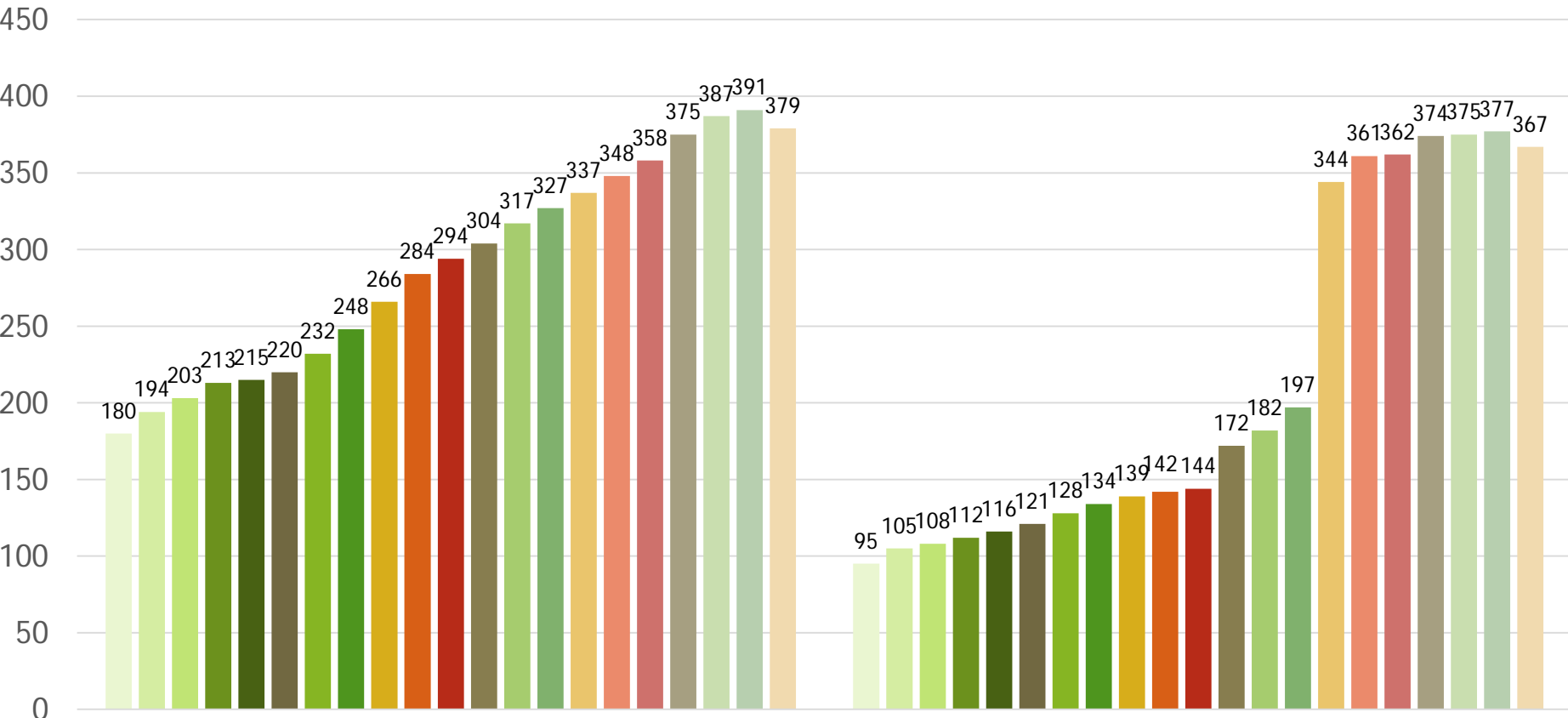
R.Ph. PharmD

# 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



PA
DDS, DMD

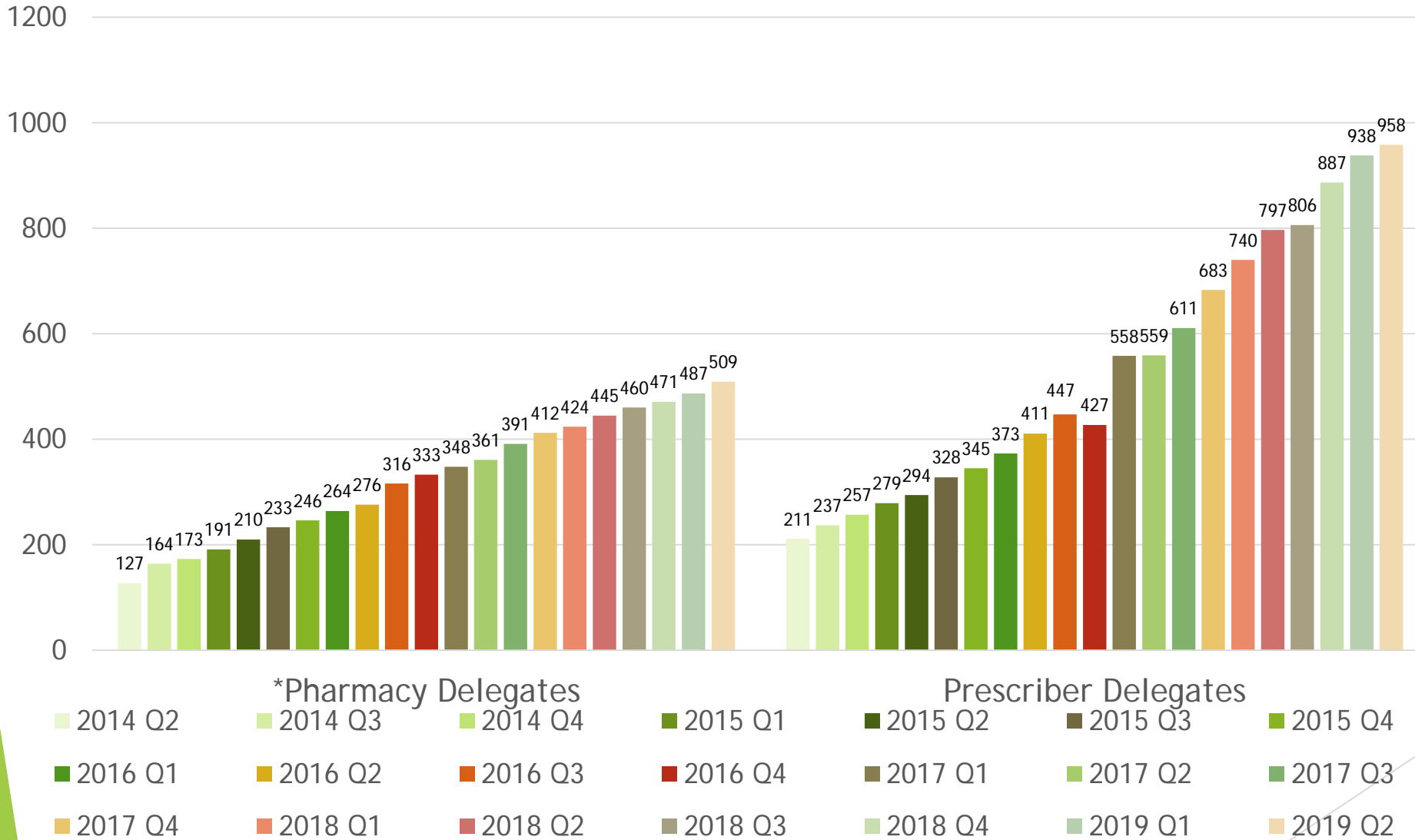
2014 Q2
2014 Q3
2014 Q4
2015 Q1
2015 Q2
2015 Q3
2015 Q4

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



# Active Accounts - Pharmacy Delegates & Prescriber Delegates



\*Pharmacy Delegates      Prescriber Delegates

2014 Q2    2014 Q3    2014 Q4    2015 Q1    2015 Q2    2015 Q3    2015 Q4

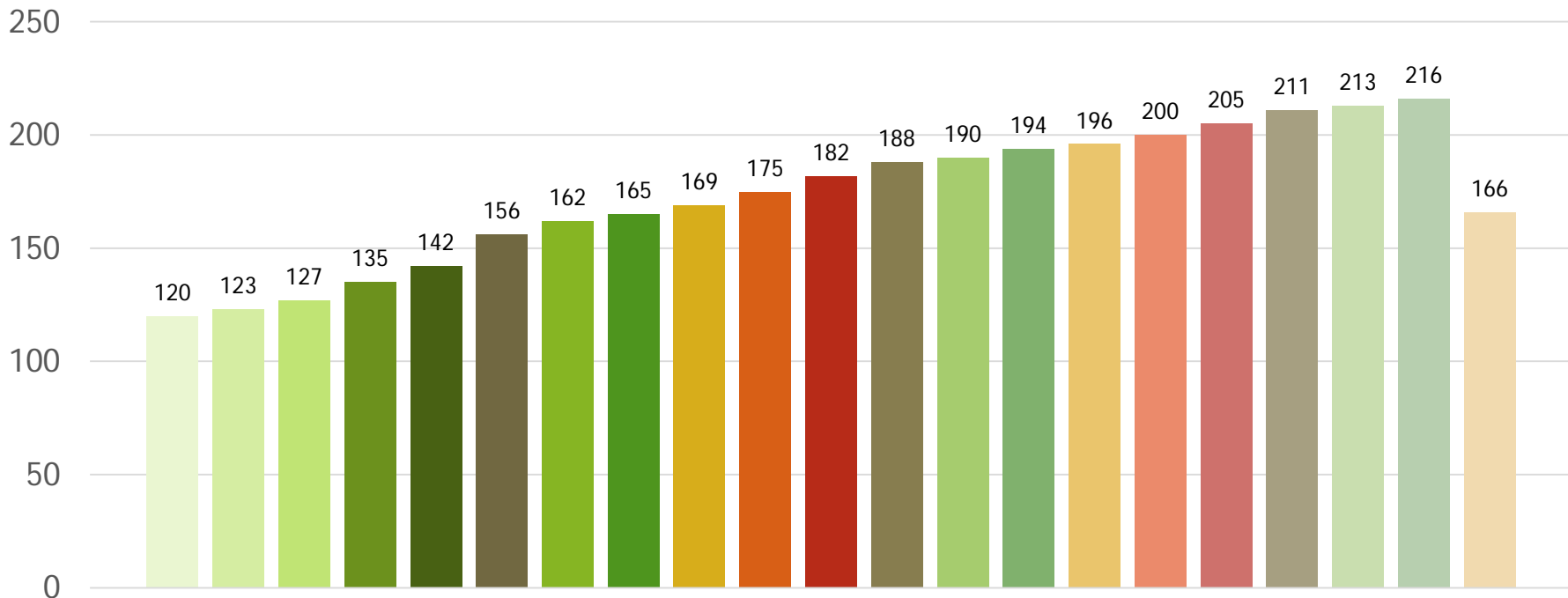
2016 Q1    2016 Q2    2016 Q3    2016 Q4    2017 Q1    2017 Q2    2017 Q3

2017 Q4    2018 Q1    2018 Q2    2018 Q3    2018 Q4    2019 Q1    2019 Q2

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



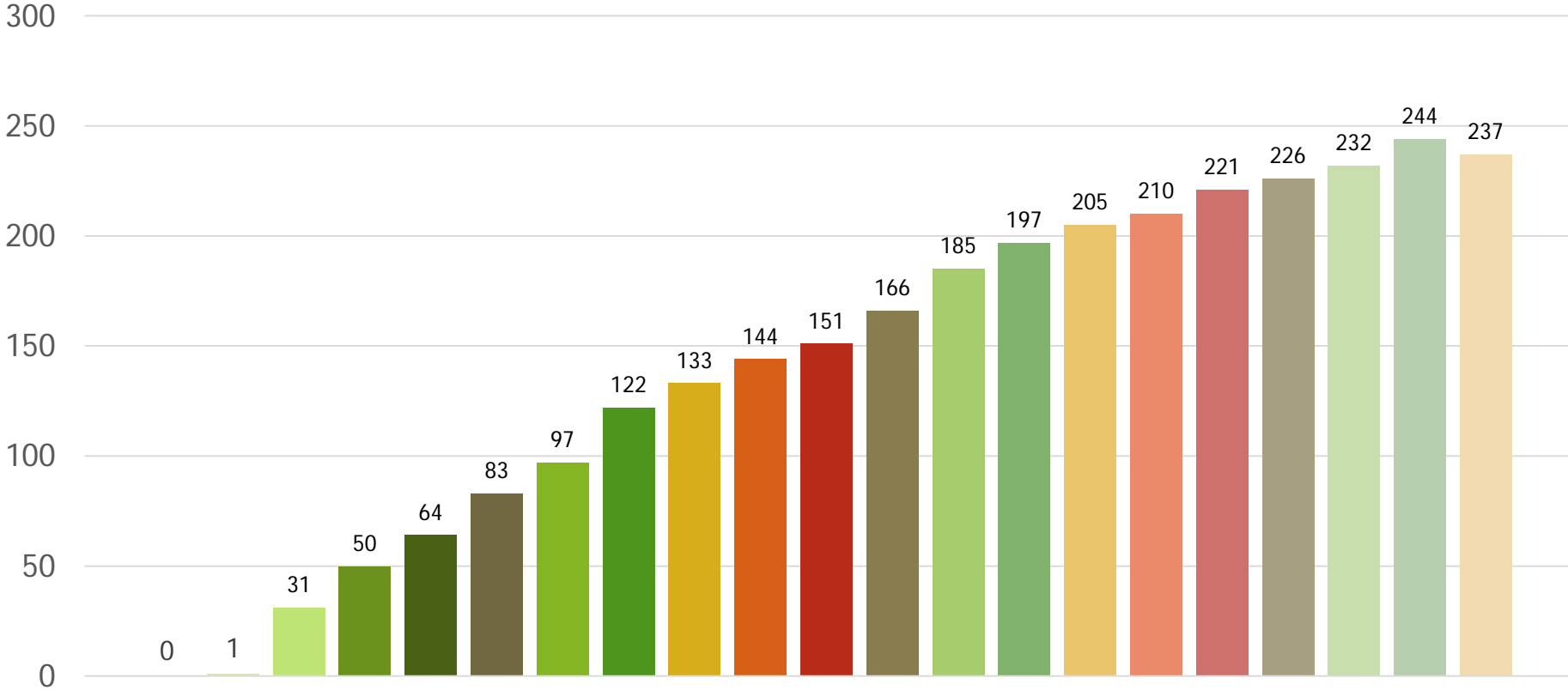
# Active Accounts -Licensed Addiction Counselors



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

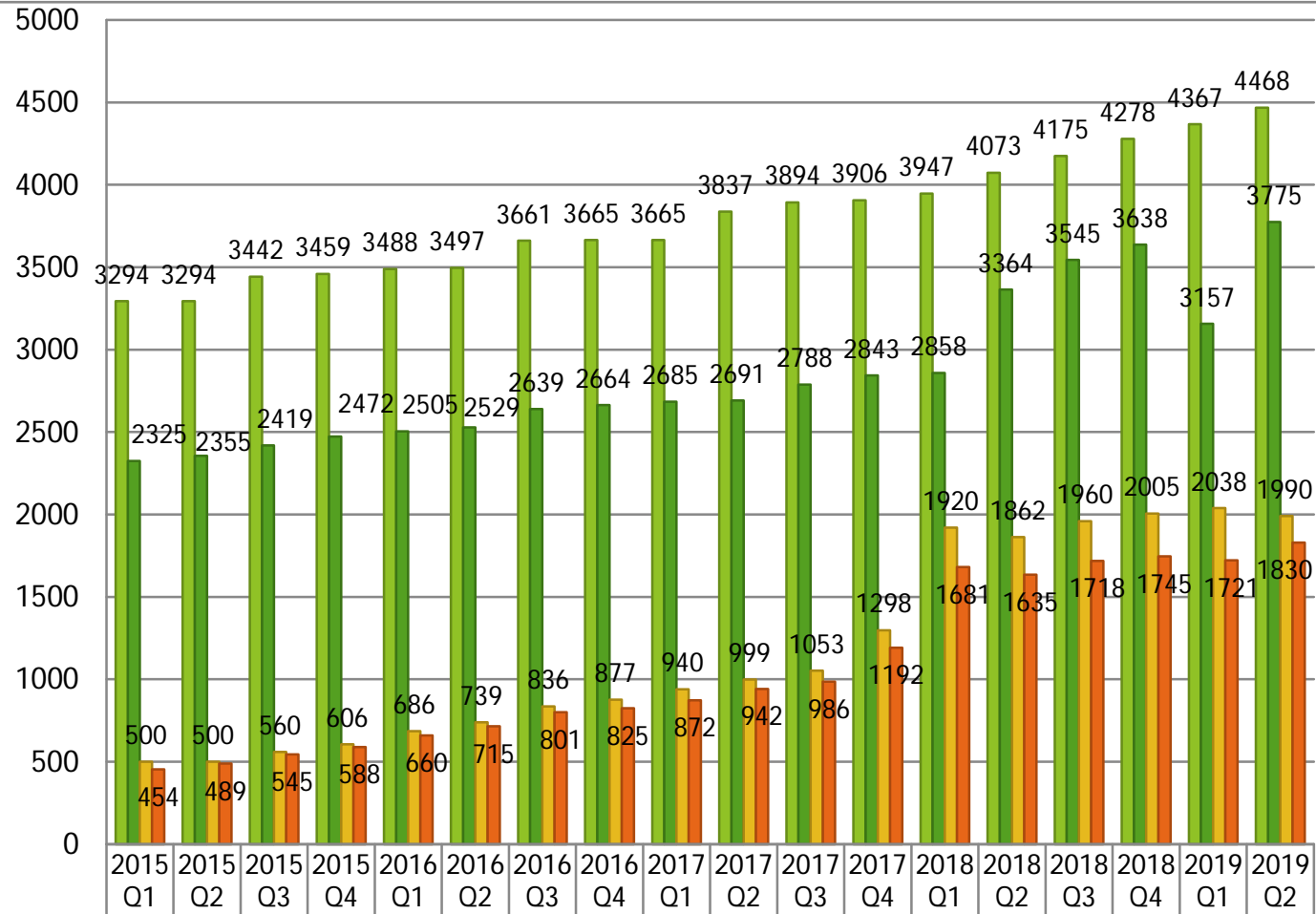
# Active Accounts -Law Enforcement



Law Enforcement

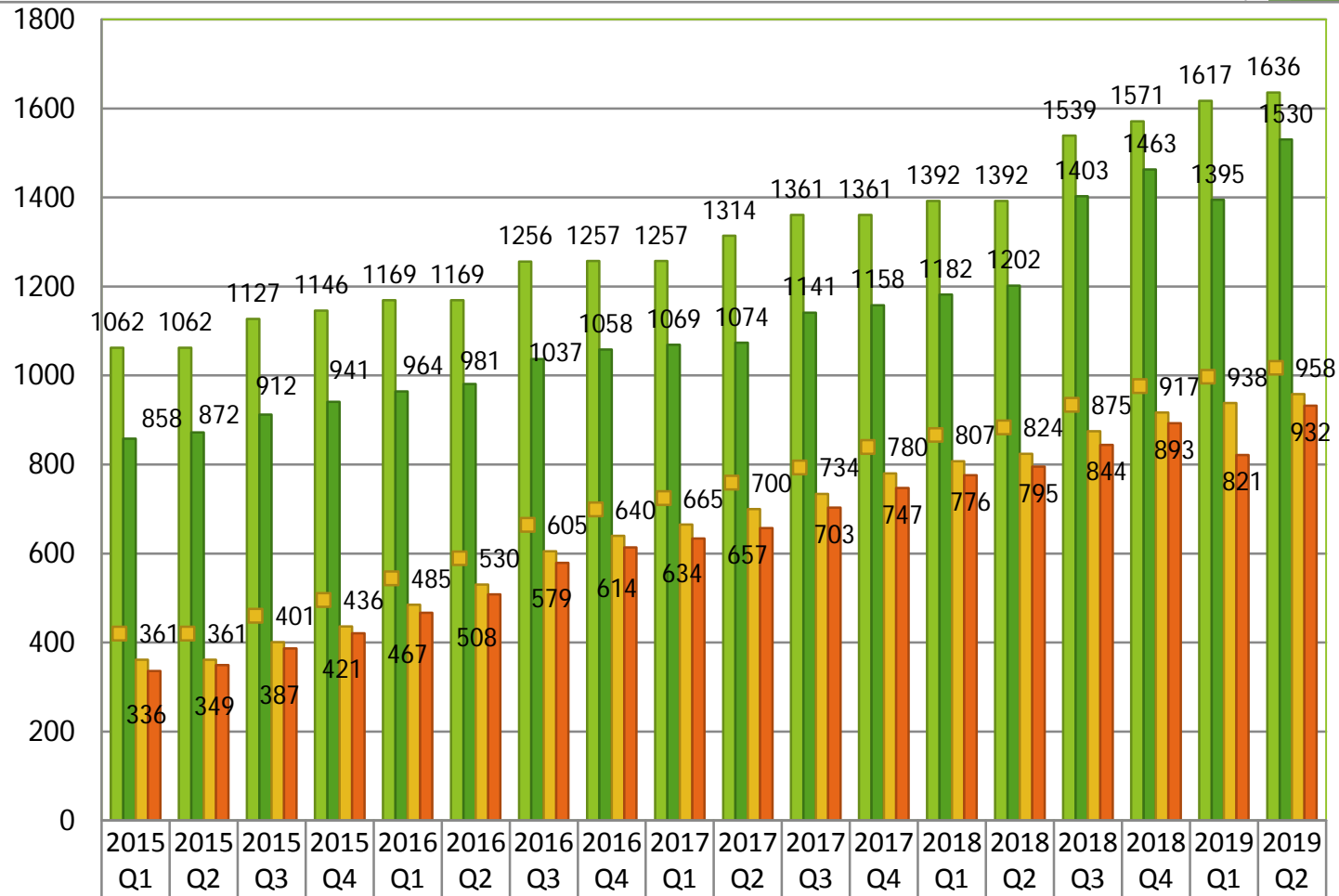
- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2

# Doctors - Authorization vs. Utilization



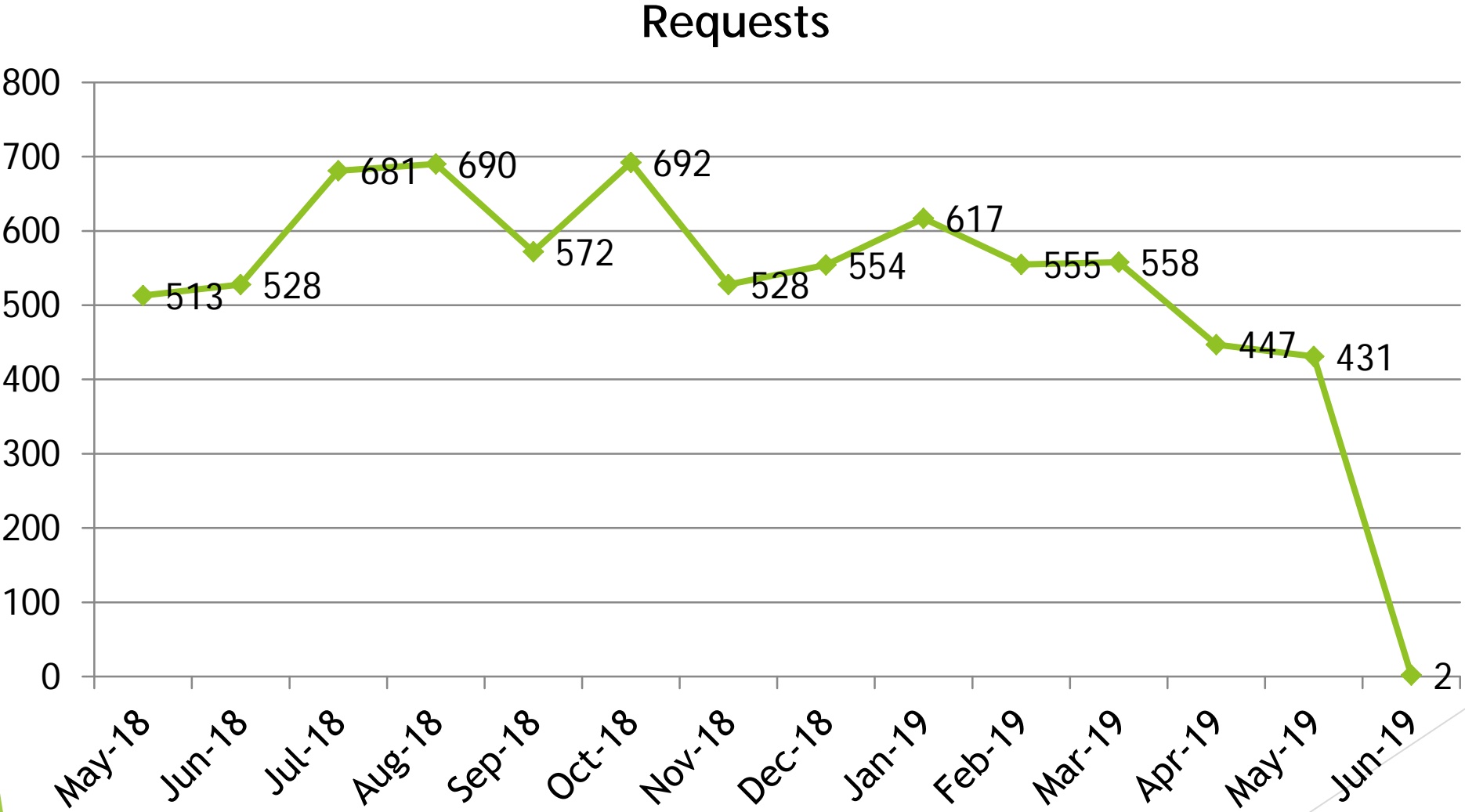
■ ND DEA Registered Doctors	3294	3294	3442	3459	3488	3497	3661	3665	3665	3837	3894	3906	3947	4073	4175	4278	4367	4468
■ ND Doctors who authorized prescriptions	2325	2355	2419	2472	2505	2529	2639	2664	2685	2691	2788	2843	2858	3364	3545	3638	3157	3775
■ ND Doctors also registered with ND PDMP	500	500	560	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
■ ND Authorized Prescriptions	858	872	912	941	964	981	1037	1058	1069	1074	1141	1158	1182	1202	1403	1463	1395	1530
■ ND Registered with ND PDMP	361	361	401	436	485	530	605	640	665	700	734	780	807	824	875	917	938	958
■ 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

# ND Health Information Network Requests



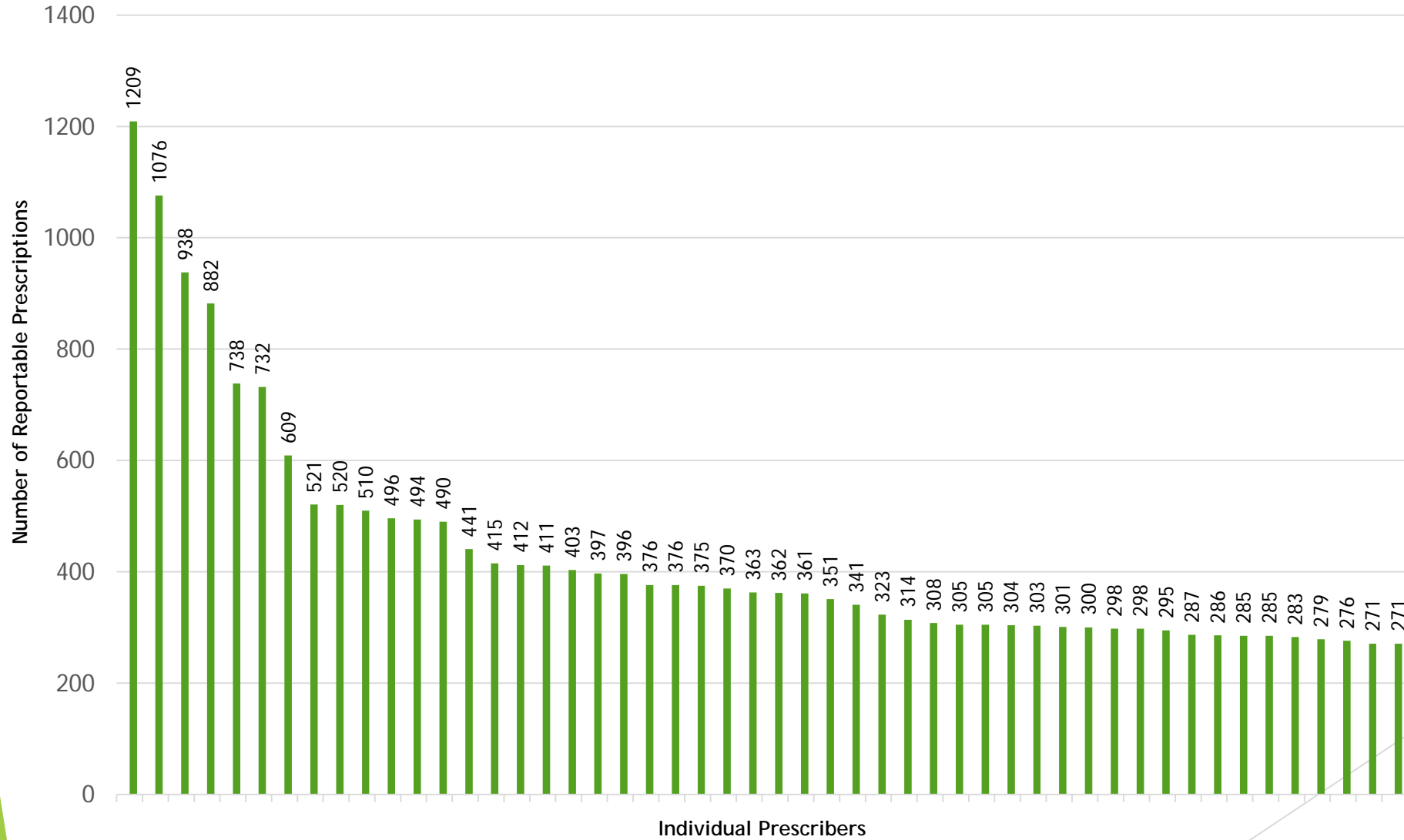
# Prescriptions Dispensed by Class

	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	928	0.400	57,624	24.86
Barnes	10,734	14	4,836	0.451	288,514	26.88
Benson	6,936	20	2,816	0.406	153,379	22.11
Billings	940	52	88	0.094	3,905	4.15
Bottineau	6,530	21	2013	0.308	119,152	18.25
Bowman	3,166	34	918	0.290	52,242	16.50
Burke	2,131	46	768	0.360	53,675	25.19
Burleigh	95,030	2	34,439	0.362	2,050,461	21.58
Cass	177,787	1	57,087	0.321	3,176,464	17.87
Cavalier	3,762	31	1376	0.366	86,811	23.08
Dickey	4,861	24	2104	0.433	121,418	24.98
Divide	2,288	43	592	0.259	40,370	17.64
Dunn	4,289	26	1351	0.315	73,872	17.22
Eddy	2,316	42	982	0.424	68,248	29.47
Emmons	3,301	32	1173	0.355	65,164	19.74
Foster	3,257	33	1332	0.409	83,081	25.51

# 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	617	0.345	36,617	20.47
Grand Forks	70,795	3	24,400	0.345	1,404,091	19.83
Grant	2,376	40	1001	0.421	59,359	24.98
Griggs	2,258	44	693	0.307	40,011	17.72
Hettinger	2,483	37	940	0.379	63,245	25.47
Kidder	2,482	38	838	0.338	50,659	20.41
LaMoure	4,087	28	1321	0.323	76,110	18.62
Logan	1,918	48	612	0.319	41,755	21.77
McHenry	5,900	22	1952	0.331	133,547	22.64
McIntosh	2,606	36	971	0.373	61,654	23.66
McKenzie	12,724	11	3,632	0.285	215,023	16.90
McLean	9,685	16	4,042	0.417	261,257	26.98
Mercer	8,465	17	3,012	0.356	191,242	22.59
Morton	30,796	6	12,964	0.421	793,819	25.78
Mountrail	10,265	15	3,863	0.376	230,631	22.47
Nelson	2,937	35	1277	0.435	72,891	24.82
Oliver	1,940	47	490	0.253	31,971	16.48
Pembina	6,972	19	3,169	0.455	203,328	29.16

# 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	1524	0.372	92,012	22.45
Ramsey	11,519	12	5,375	0.467	298,729	25.93
Ransom	5,297	23	2350	0.444	152,072	28.71
Renville	2,463	39	906	0.368	49,745	20.20
Richland	16,351	9	4,925	0.301	301,515	18.44
Rolette	14,531	10	7,453	0.513	397,376	27.35
Sargent	3,858	30	1379	0.357	88,395	22.91
Sheridan	1,353	51	493	0.364	32,119	23.74
Sioux	4,376	25	1629	0.372	106,203	24.27
Slope	771	53	67	0.087	5,034	6.53
Stark	30,209	7	11,630	0.385	641,524	21.24
Steele	1,917	49	437	0.228	26,008	13.57
Stutsman	21,087	8	8,991	0.426	539,809	25.60
Towner	2,253	45	822	0.365	54,254	24.08
Traill	8,013	18	2892	0.361	182,123	22.73
Walsh	10,855	13	4,862	0.448	286,529	26.40
Ward	68,946	4	20,726	0.301	1,232,367	17.87
Wells	4,022	29	1838	0.457	111,943	27.83
Williams	33,349	5	11,805	0.354	675,691	20.26
<b>Total/Average</b>	<b>755,393</b>	<b>N/A</b>	<b>268,701</b>	<b>0.358</b>	<b>4,801,497</b>	<b>21.81</b>

# 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	320	0.138	20,595	8.88
Barnes	10,734	14	1,689	0.157	86,910	8.1
Benson	6,936	20	1,378	0.199	63,697	9.18
Billings	940	52	30	0.032	1,189	1.26
Bottineau	6,530	21	626	0.096	29,538	4.52
Bowman	3,166	34	317	0.1	17,587	5.55
Burke	2,131	46	330	0.155	22,605	10.61
Burleigh	95,030	2	12,698	0.134	678,880	7.14
Cass	177,787	1	16,715	0.094	707,039	3.98
Cavalier	3,762	31	476	0.127	27,044	7.19
Dickey	4,861	24	710	0.146	38,476	7.92
Divide	2,288	43	217	0.095	15,404	6.73
Dunn	4,289	26	565	0.132	31,116	7.25
Eddy	2,316	42	418	0.18	30,532	13.18
Emmons	3,301	32	479	0.145	22,438	6.8
Foster	3,257	33	530	0.163	33,848	10.39
Golden Valley	1,789	50	232	0.13	13,314	7.44
Grand Forks	70,795	3	8,663	0.122	430,087	6.08

# Opioid Prescriptions by Patient County

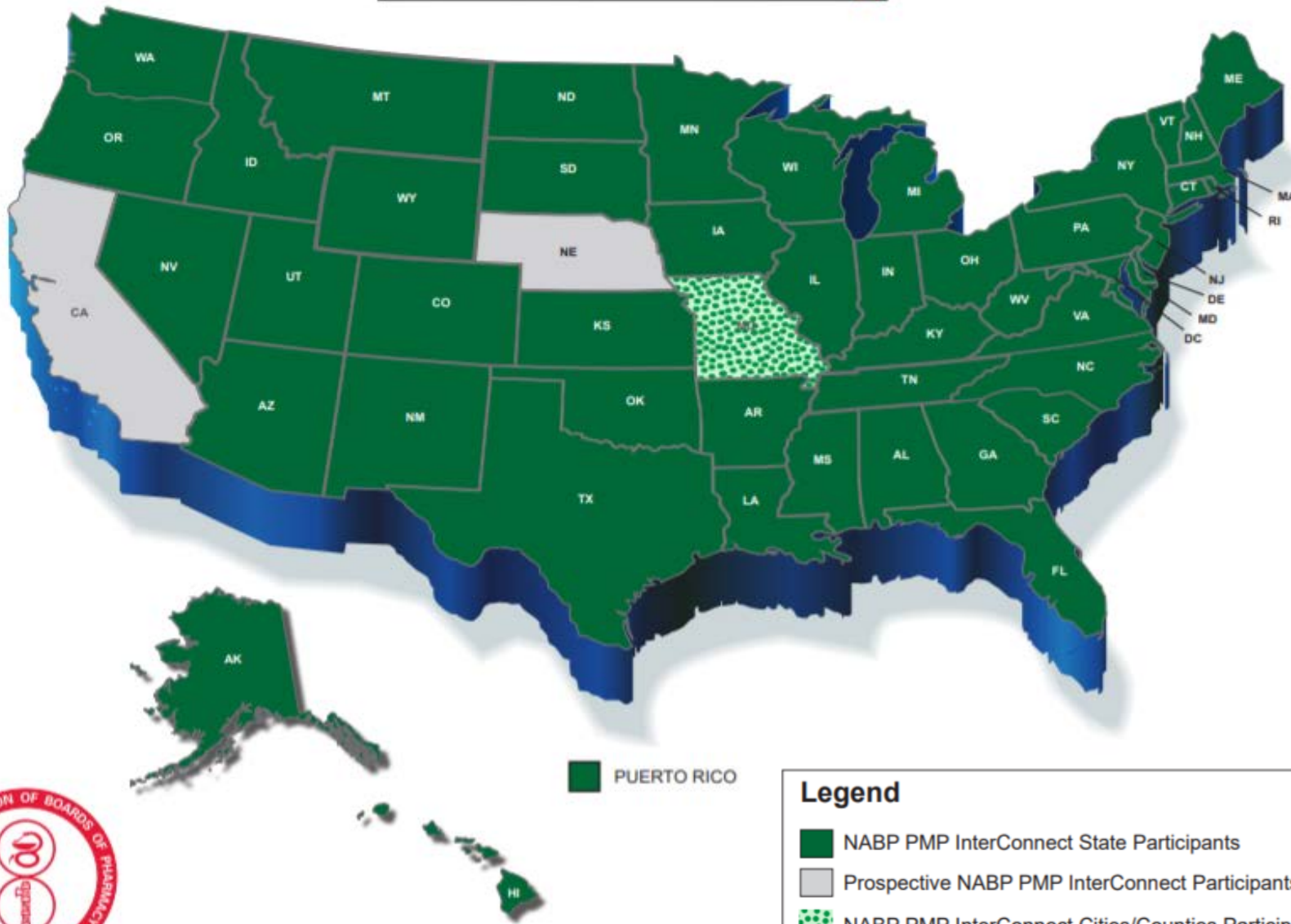
## Quarter 2 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Grant	2,376	40	483	0.203	28,886	12.16
Griggs	2,258	44	235	0.104	11,142	4.93
Hettinger	2,483	37	378	0.152	26,915	10.84
Kidder	2,482	38	307	0.124	15,724	6.34
LaMoure	4,087	28	496	0.121	19,718	4.82
Logan	1,918	48	202	0.105	12,647	6.59
McHenry	5,900	22	698	0.118	40,461	6.86
McIntosh	2,606	36	371	0.142	18,190	6.98
McKenzie	12,724	11	1,334	0.105	71,415	5.61
McLean	9,685	16	1,611	0.166	94,919	9.8
Mercer	8,465	17	1,127	0.133	71,781	8.48
Morton	30,796	6	5,149	0.167	289,128	9.39
Mountrail	10,265	15	1,503	0.146	78,467	7.64
Nelson	2,937	35	522	0.178	25,169	8.57
Oliver	1,940	47	204	0.105	11,825	6.1
Pembina	6,972	19	1,001	0.144	61,123	8.77
Pierce	4,099	27	567	0.138	28,382	6.92
Ramsey	11,519	12	2,245	0.195	113,767	9.88

# Opioid Prescriptions by Patient County

## Quarter 2 - 2019

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Ransom	5,297	23	702	0.133	39,482	7.45
Renville	2,463	39	255	0.104	13,248	5.38
Richland	16,351	9	1,592	0.097	75,911	4.64
Rolette	14,531	10	2,883	0.198	144,551	9.95
Sargent	3,858	30	476	0.123	22,630	5.87
Sheridan	1,353	51	222	0.164	14,427	10.66
Sioux	4,376	25	873	0.199	53,361	12.19
Slope	771	53	20	0.026	2,164	2.81
Stark	30,209	7	4,584	0.152	234,624	7.77
Steele	1,917	49	142	0.074	5,714	2.98
Stutsman	21,087	8	3,142	0.149	157,778	7.48
Towner	2,253	45	312	0.138	20,991	9.32
Traill	8,013	18	808	0.101	40,700	5.08
Walsh	10,855	13	1,707	0.157	95,087	8.76
Ward	68,946	4	6,191	0.09	302,690	4.39
Wells	4,022	29	620	0.154	34,049	8.47
Williams	33,349	5	4,339	0.13	254,133	7.62
<b>Total/Average</b>	<b>755,393</b>	<b>N/A</b>	<b>93,694</b>	<b>0.134</b>	<b>4,801,497</b>	<b>7.43</b>



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 State-to-State Connections

