

Prescription Drug Monitoring Program Facts, Figures, and Trends 4th Quarter 2020

North Dakota Board of Pharmacy
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Number of Users per Month

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

2020 Users

January	February	March	April	May	June	July	August	September	October	November	December
8272	8327	8374	8410	8454	8485	8568	8659	8704	8755	8800	8884
296	272	282	258	235	253	262	237	238	256	235	263
1844	1909	1713	1573	1596	1638	1676	1671	1595	1639	1467	1640

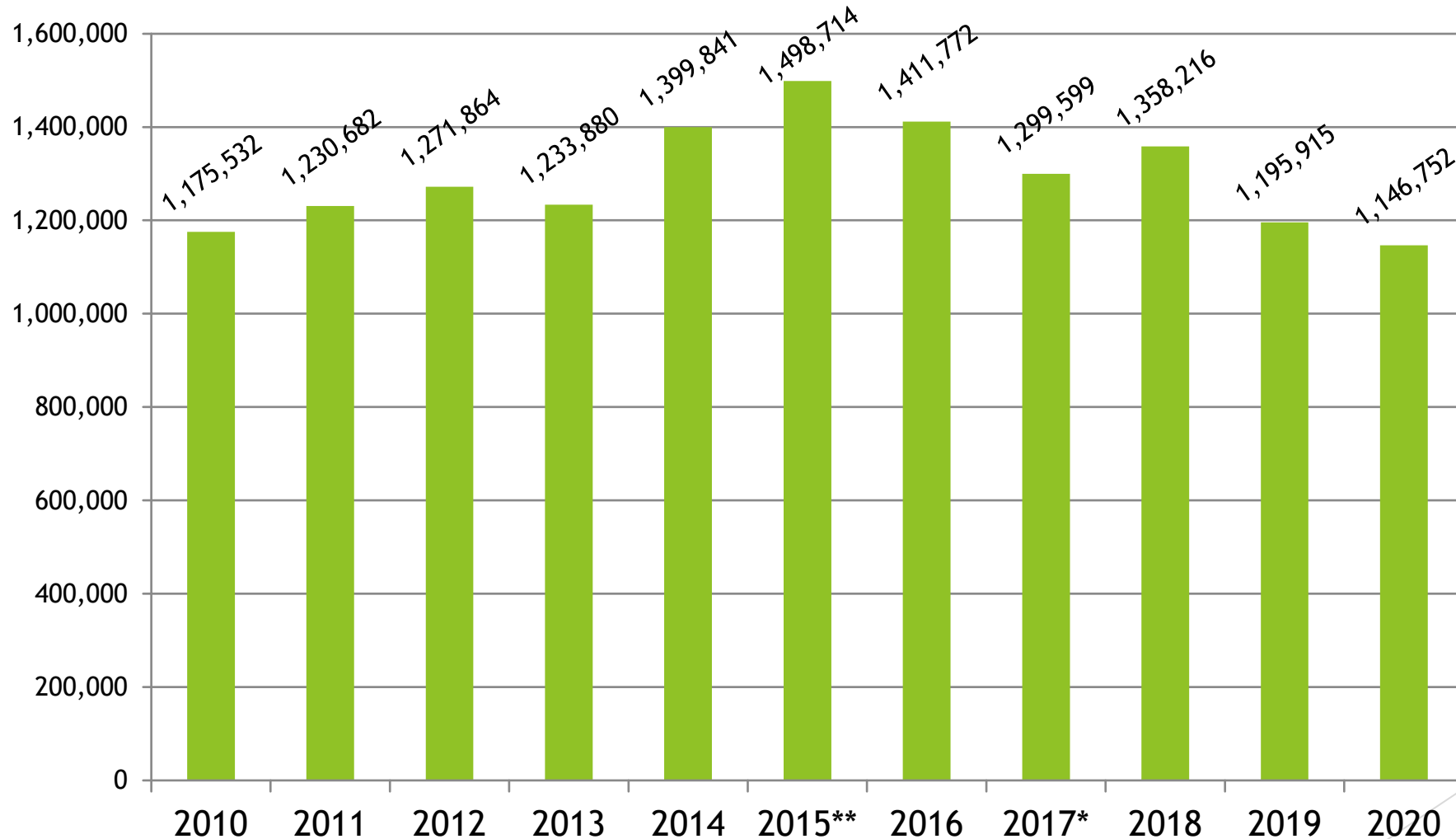
Chart Legend

Total Users

Avg. Daily Active Users

Monthly Active Users

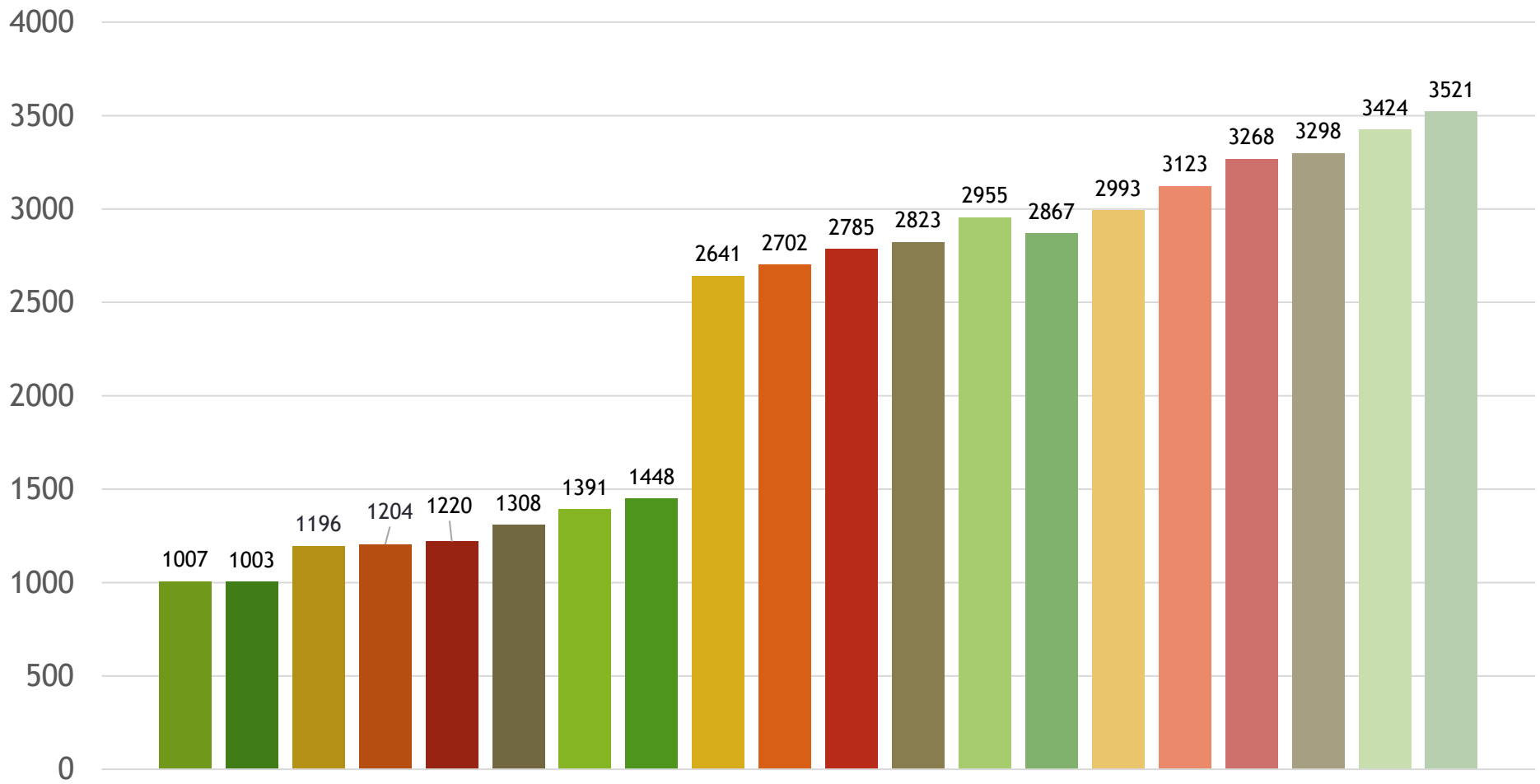
All Reportable Substances Dispensed/Year in ND or to ND Residents



*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

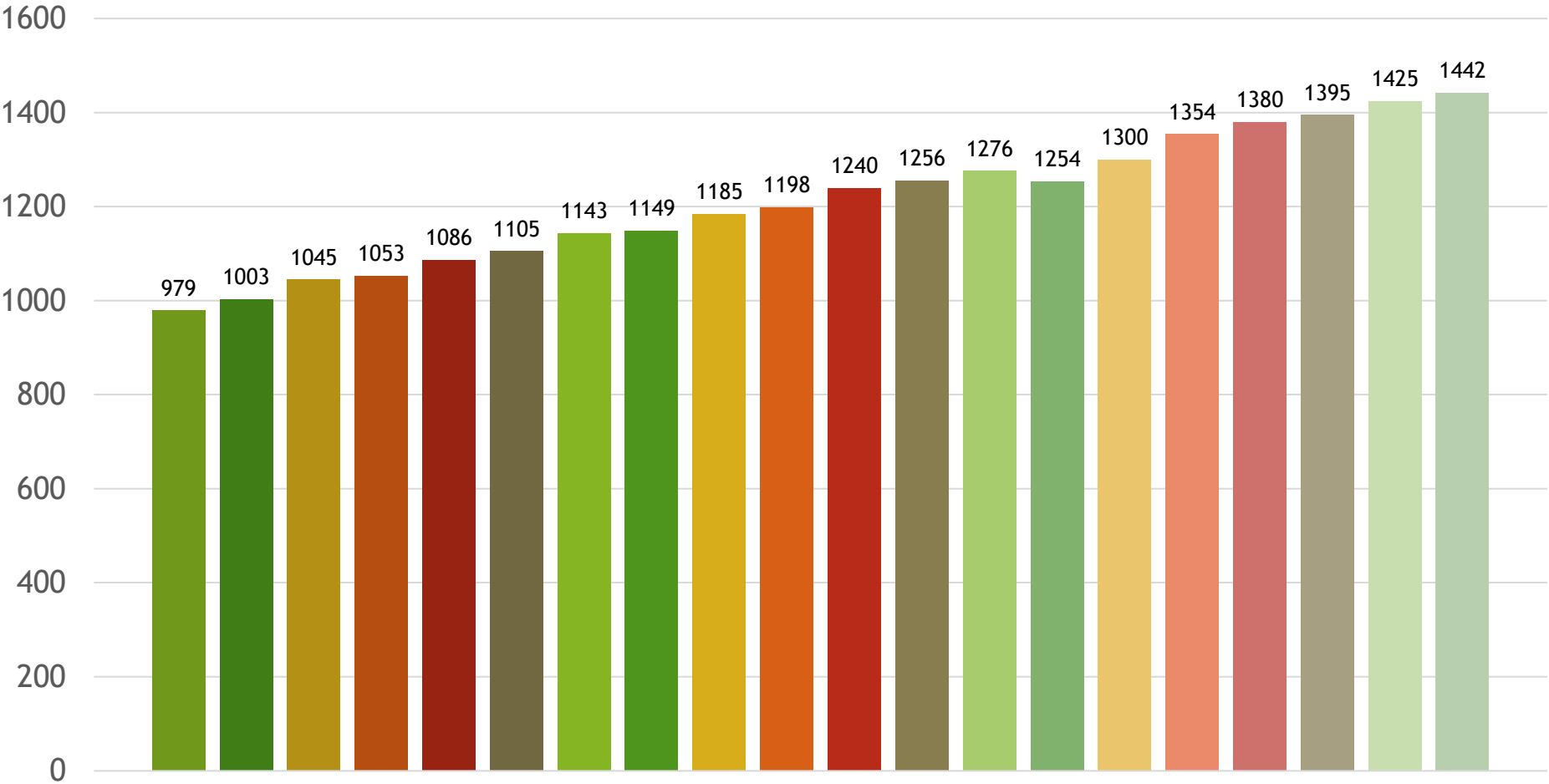


MD, DO, DPM, OD

- 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
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4



Active Accounts - Pharmacists

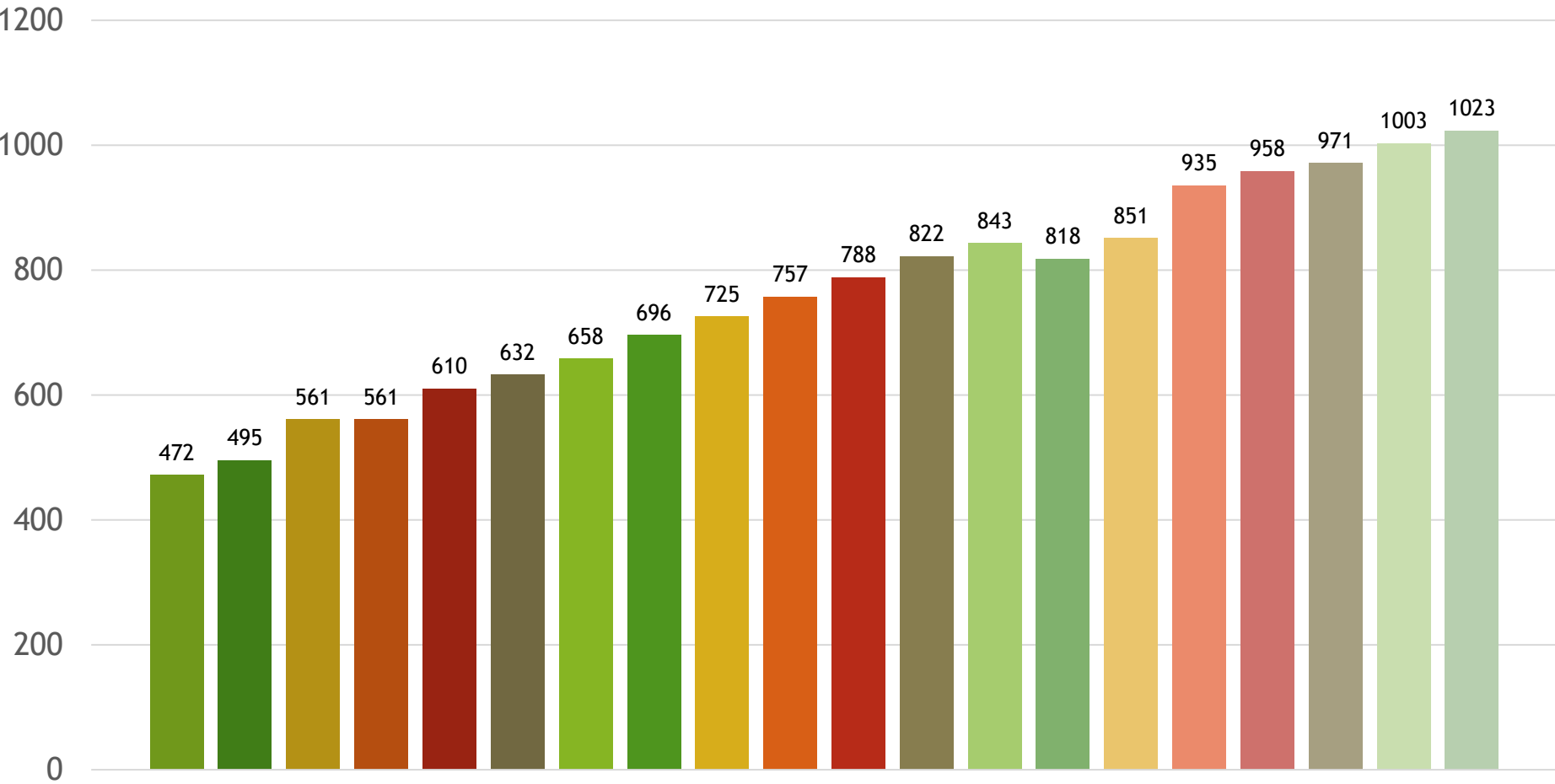


R.Ph., PharmD

- 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
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4



Active Accounts - Advanced Practice Nurses

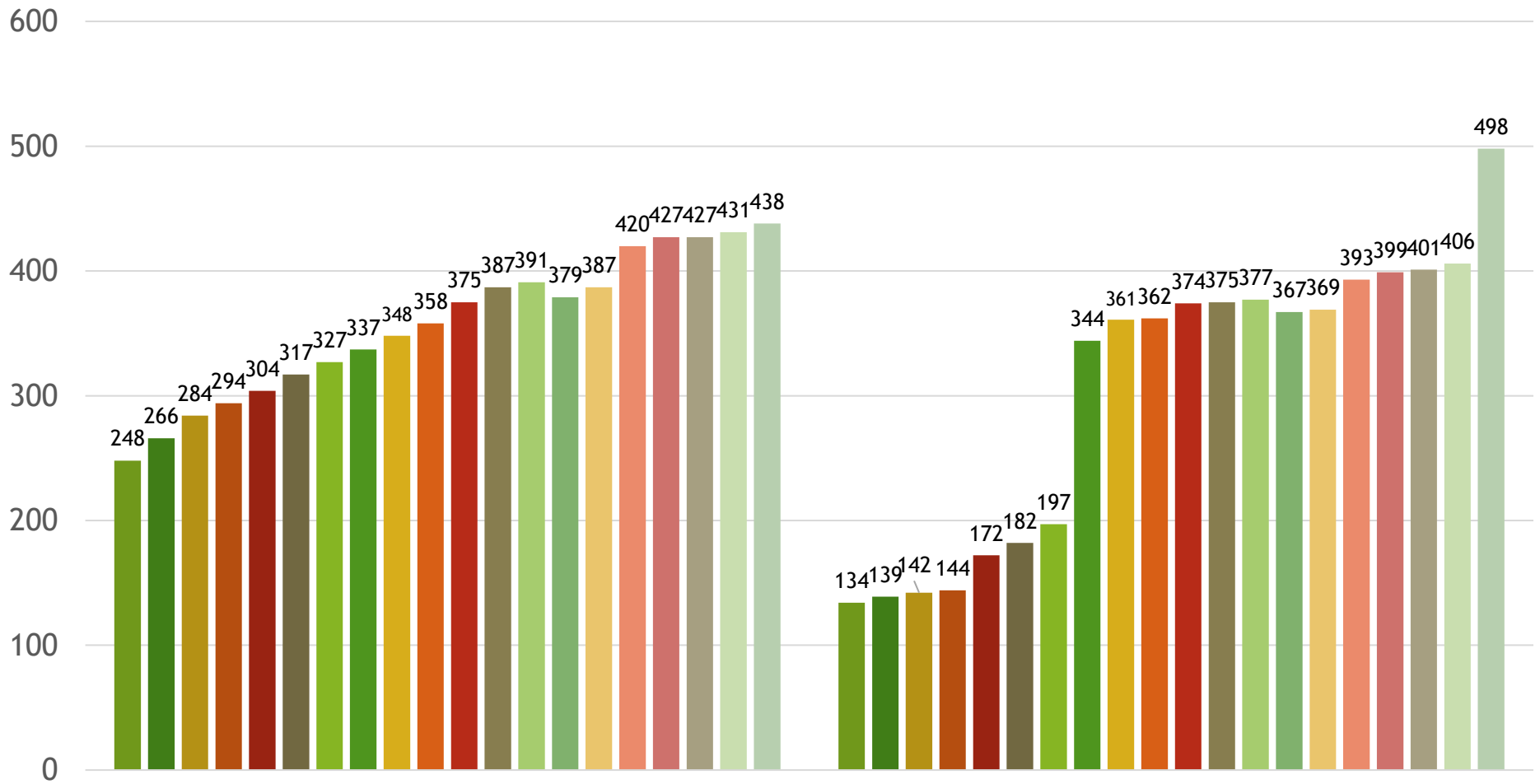


APRN

- 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
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4



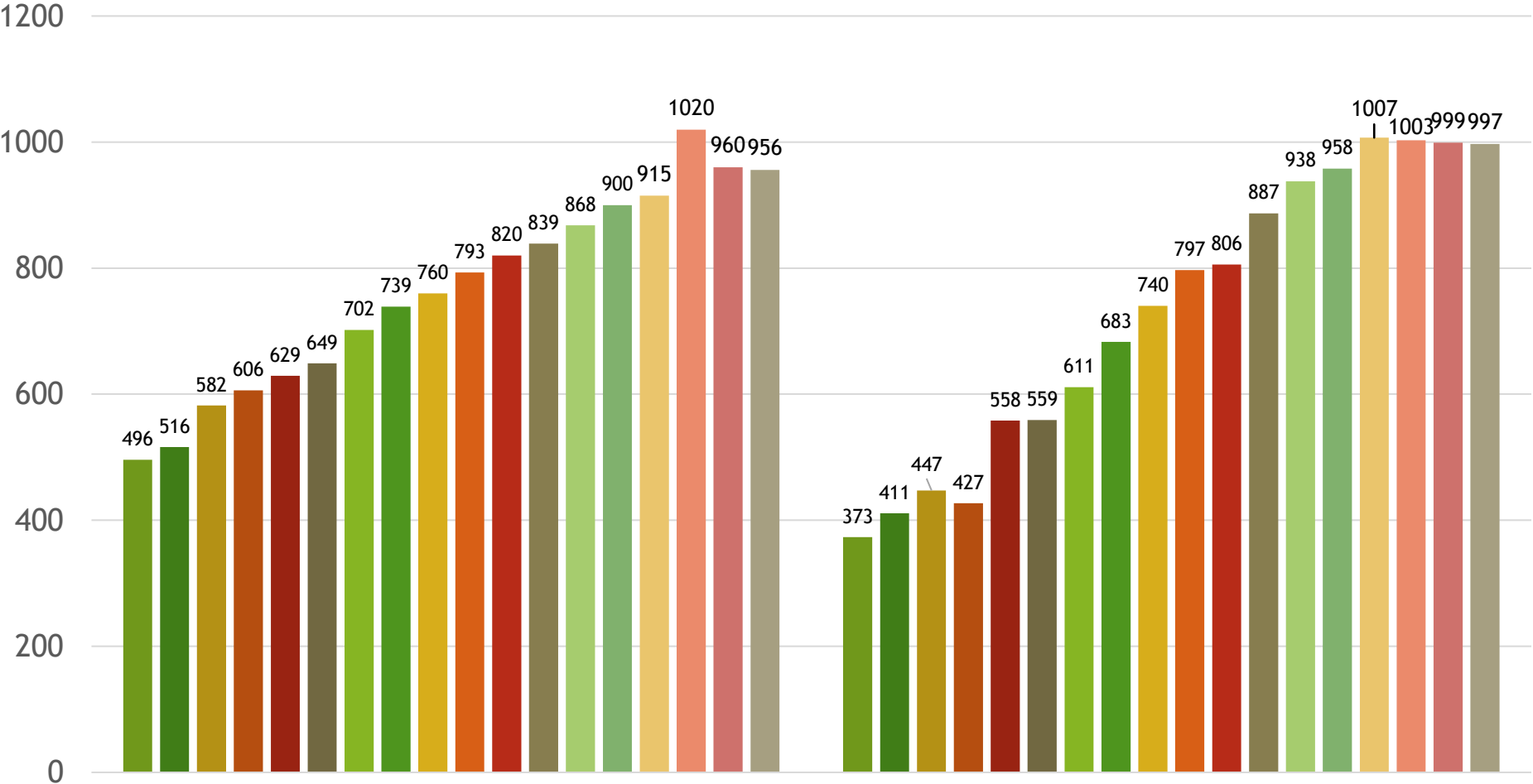
Active Accounts - Physician Assistants and Dentists



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 2020 Q1 2020 Q2 2020 Q3 2020 Q4



Active Accounts - Pharmacy Delegates & Prescriber Delegates



Pharmacy Delegates

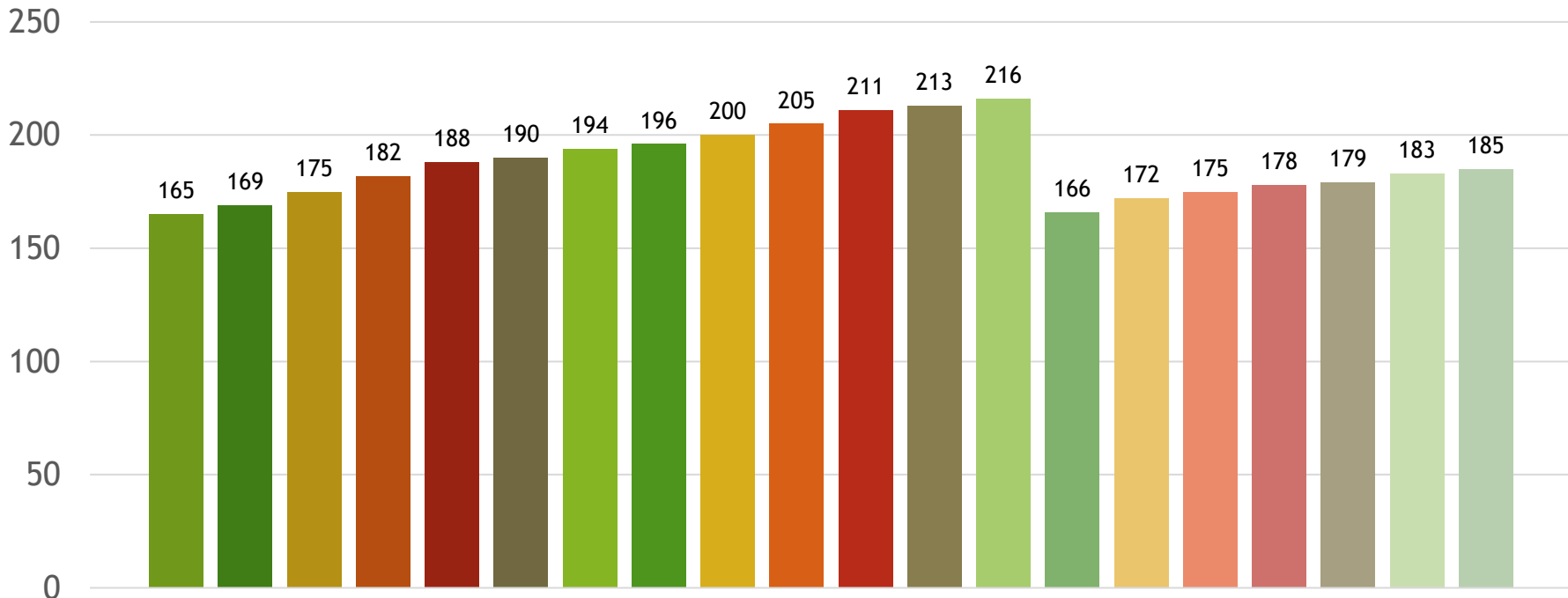
Prescriber Delegates

- 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
- 2020 Q1
- 2020 Q2

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



Active Accounts - Licensed Addiction Counselors



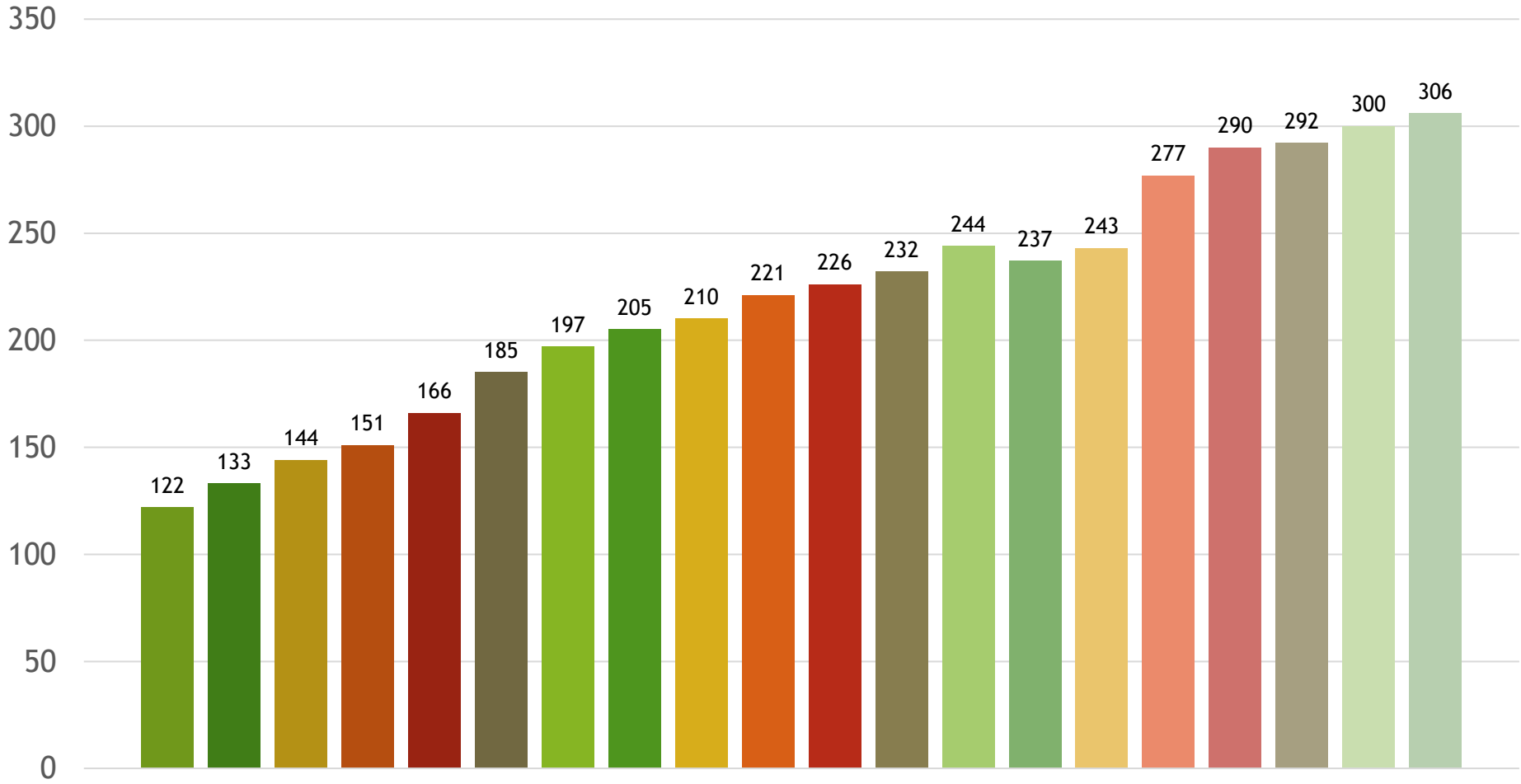
LAC

- 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
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4

*Switched to active accounts in 2019 Q2



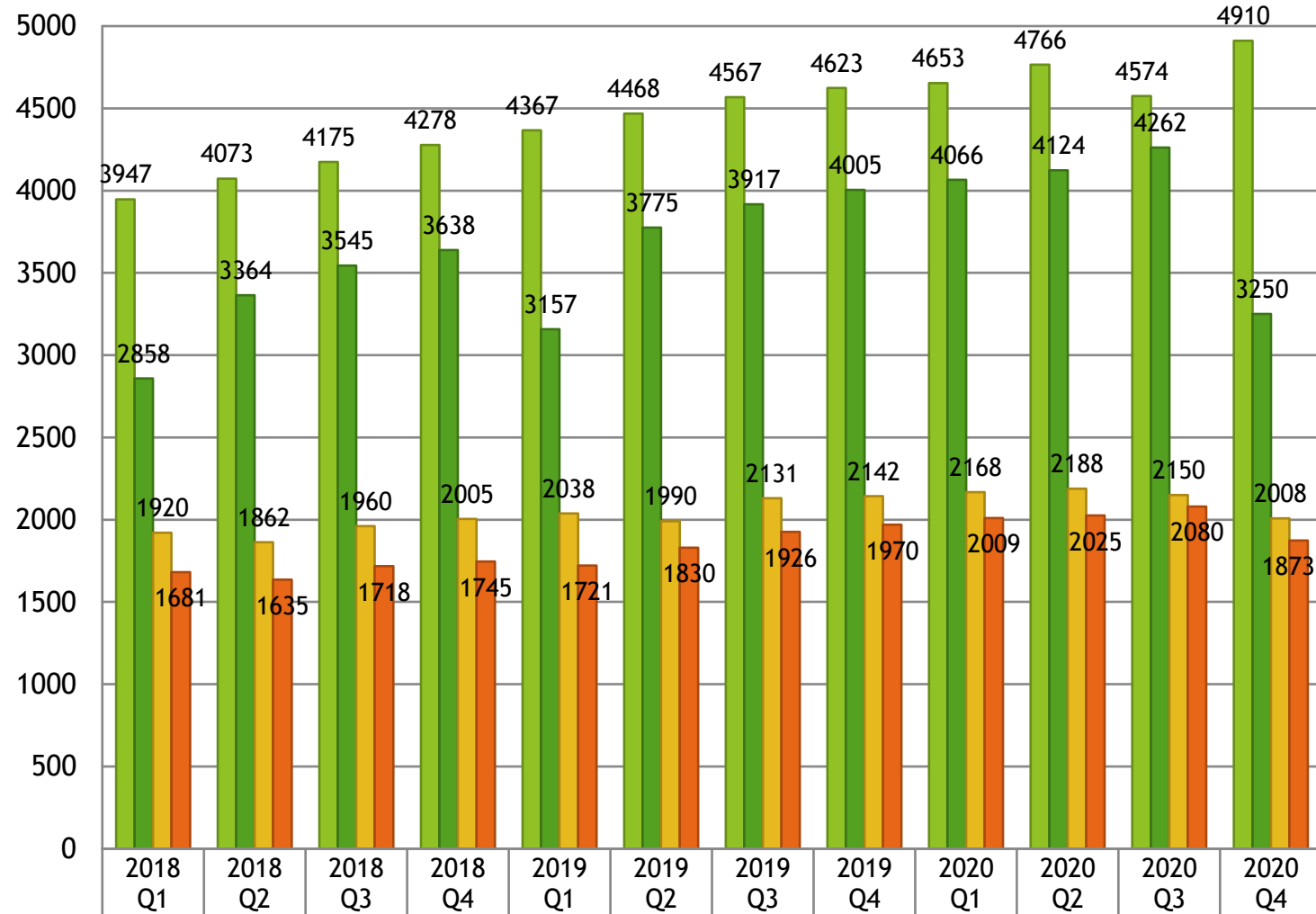
Active Accounts - Law Enforcement



Law Enforcement

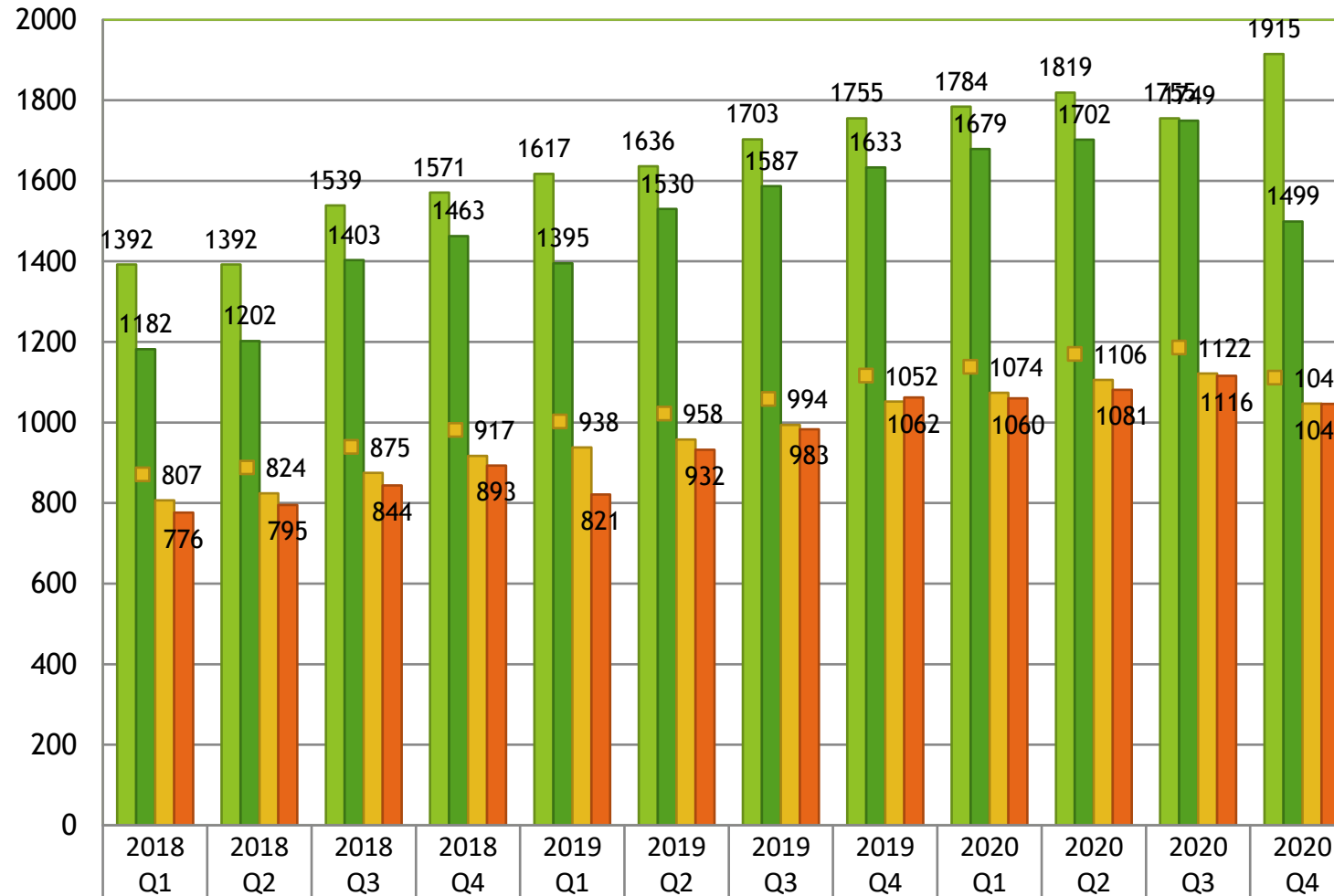
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4

Doctors - Authorization vs. Utilization



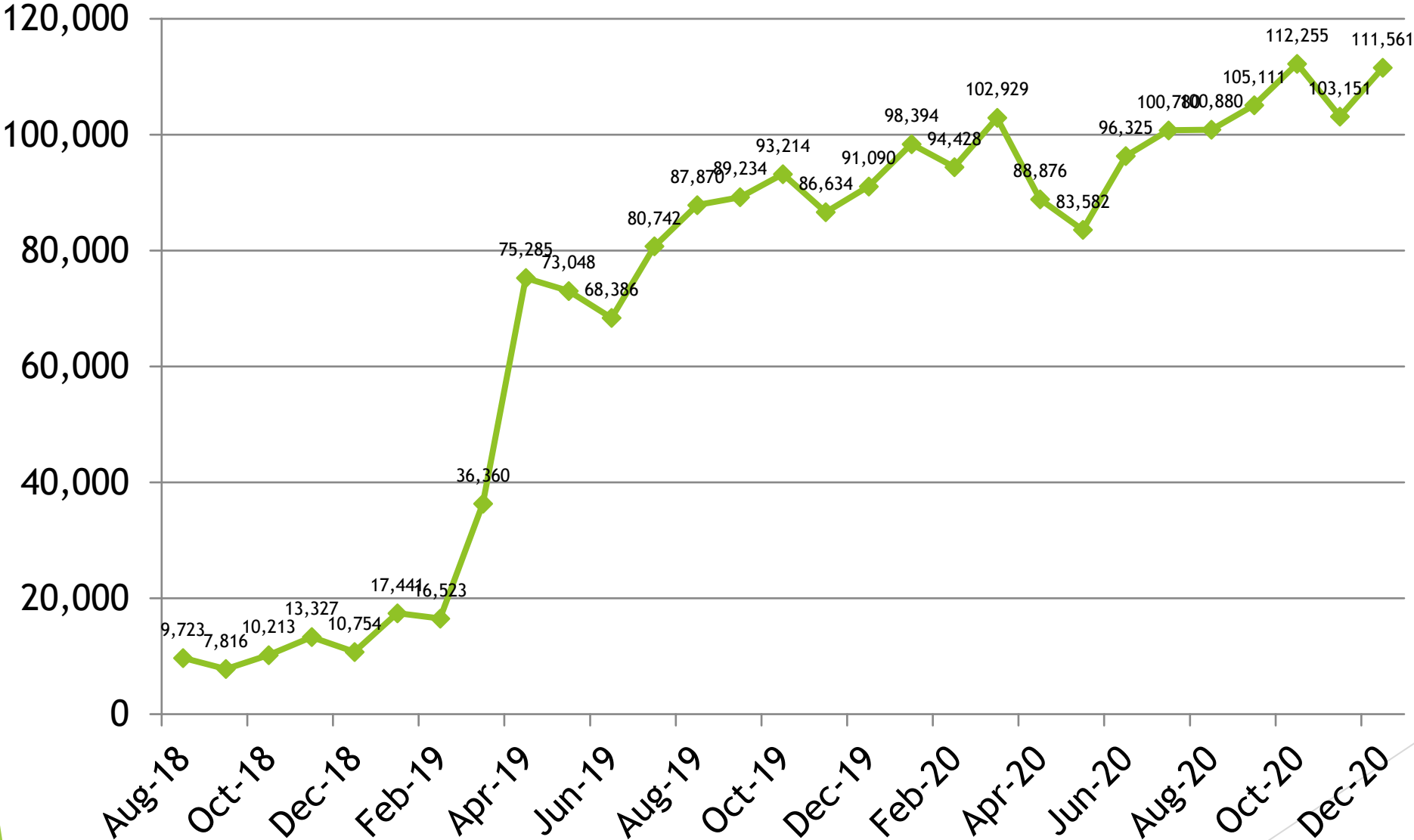
■ ND DEA Registered Doctors	3947	4073	4175	4278	4367	4468	4567	4623	4653	4766	4574	4910
■ ND Doctors who authorized prescriptions	2858	3364	3545	3638	3157	3775	3917	4005	4066	4124	4262	3250
■ ND Doctors also registered with ND PDMP	1920	1862	1960	2005	2038	1990	2131	2142	2168	2188	2150	2008
■ ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	1681	1635	1718	1745	1721	1830	1926	1970	2009	2025	2080	1873

Other Practitioners - Authorization vs. Utilization

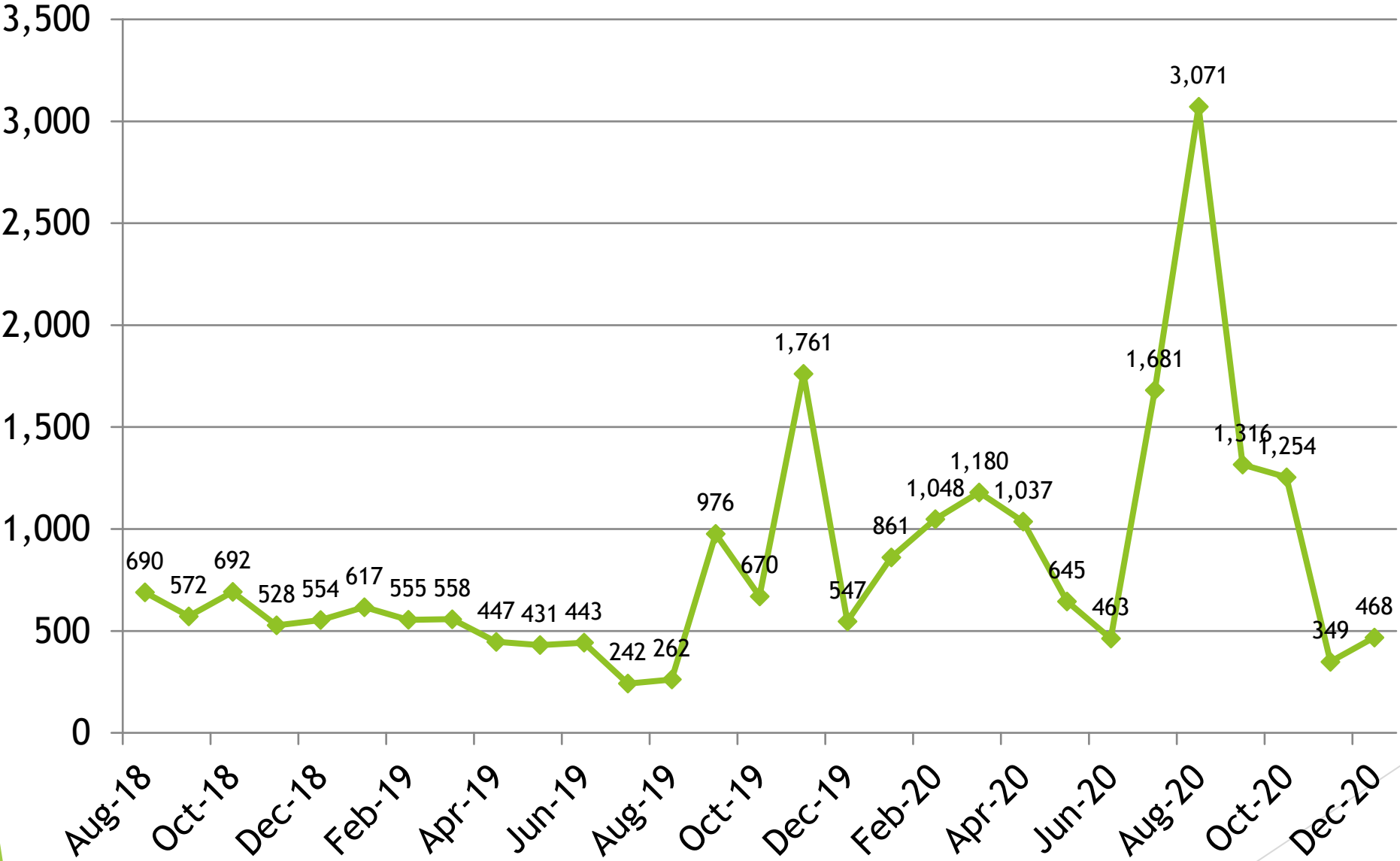


ND DEA Registered Other Practitioners	1392	1392	1539	1571	1617	1636	1703	1755	1784	1819	1755	1915
ND Authorized Prescriptions	1182	1202	1403	1463	1395	1530	1587	1633	1679	1702	1749	1499
ND Registered with ND PDMP	807	824	875	917	938	958	994	1052	1074	1106	1122	1047
ND Practitioner/their Appointed Delegate who Accessed the System on their behalf (counts as 1)	776	795	844	893	821	932	983	1062	1060	1081	1116	1046

ND Gateway Monthly Requests



ND Health Information Network Requests

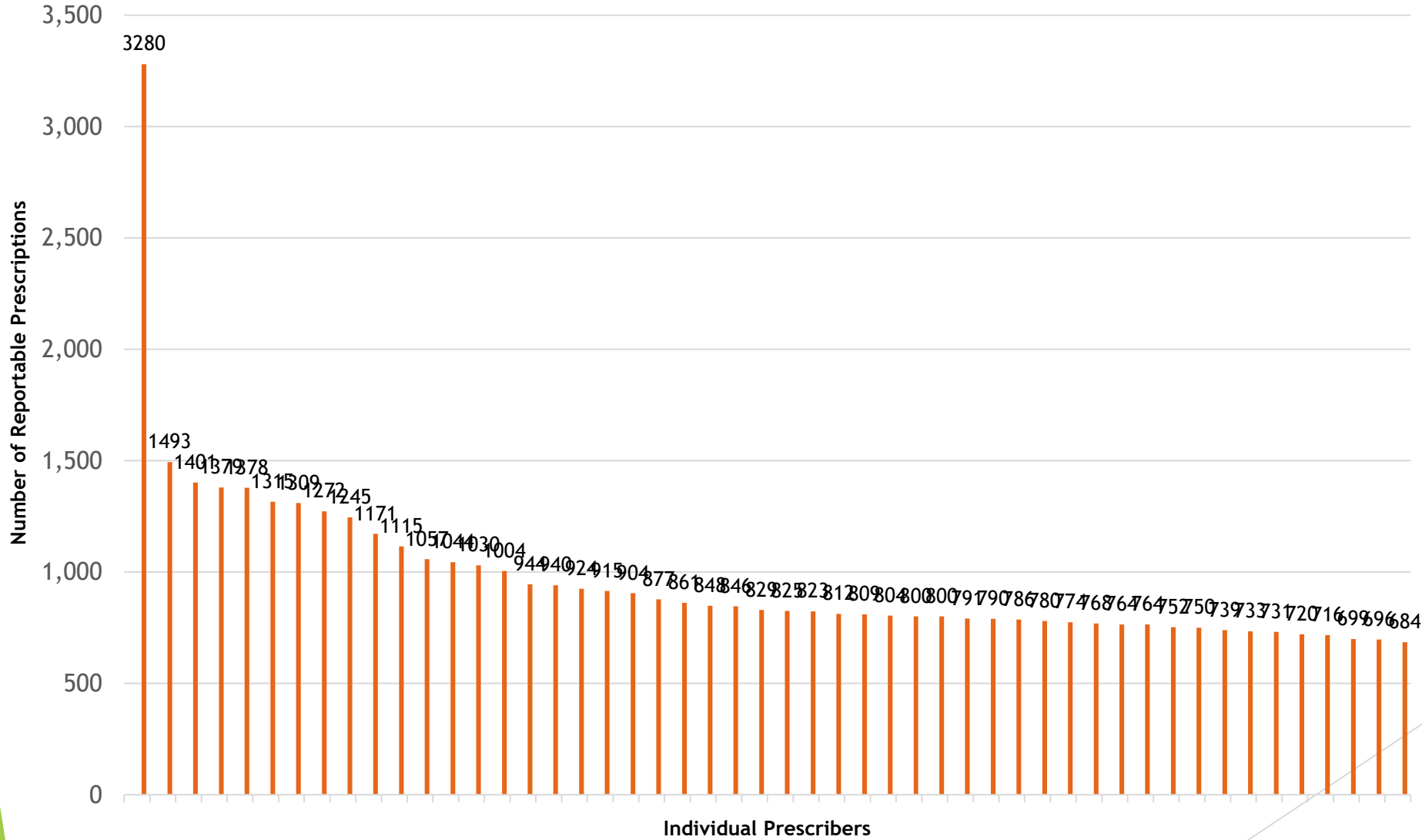


Prescriptions Dispensed by Class

	2017 Q3	2017 Q4	2018 Q1	2018 Q2	2018 Q3	2018 Q4	2019 Q1	2019 Q2	2019 Q3	2019 Q4	2020 Q1	2020 Q2	2020 Q3	2020 Q4
Anesthetic	8	6	2	292	483	655	511	558	525	528	399	377	375	408
Cannabinoid	200	189	213	175	467	210	206	195	167	167	210	150	160	144
GI Narcotic	703	700	736	810	818	785	749	762	776	780	811	748	799	805
Narcotic/ Opioids	139,836	136,279	138,453	130,846	126,333	132,829	126,071	120,582	121,118	121,586	122,044	103,889	114,258	114,039
Other	34,703*	43,460	46,934	47,057	47,304	48,517	45,894	46,193	47,538	47,801	46,489	44,706	46,866	47,607
Sedative	95,999	89,185	93,374	100,779	100,385	101,689	95,393	95,053	96,786	97,130	95,345	89,807	92,203	93,173
Steroid	2,165	2,045	2,014	2,647	2,757	2,822	2,528	2,520	2,736	2,762	2,749	2,690	2,700	2,835
Stimulant	51,147	51,087	54,742	53,720	52,344	56,553	54,979	53,420	54,666	54,853	58,481	52,224	54,333	57,611
Blank	44	65	52	58	74	109	94	133	150	153	151	119	213	155
Total	334,111	331,936	345,857	337,510	330,680	344,169	326,435	319,416	324,462	325,760	326,679	294,730	311,907	316,777

* 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 4 - 2020



Reportable Prescriptions per Patient County

Quarter 4 - 2020

County Name	Population	Population Rank	Prescriptions Count	Prescription Per Person	Quantity	Units per person
Adams	2,318	41	866	0.374	57,306	24.72
Barnes	10,734	14	4,708	0.439	272,324	25.37
Benson	6,936	20	2,490	0.359	132,996	19.17
Billings	940	52	86	0.091	3,200	3.40
Bottineau	6,530	21	1,897	0.291	110,271	16.89
Bowman	3,166	34	771	0.244	43,730	13.81
Burke	2,131	46	690	0.324	47,464	22.27
Burleigh	95,030	2	34,027	0.358	1,950,632	20.53
Cass	177,787	1	59,612	0.335	3,225,795	18.14
Cavalier	3,762	31	1,385	0.368	81,634	21.70
Dickey	4,861	24	1,998	0.411	123,312	25.37
Divide	2,288	43	687	0.300	48,894	21.37
Dunn	4,289	26	1,176	0.274	66,845	15.59
Eddy	2,316	42	921	0.398	59,393	25.64
Emmons	3,301	32	1,000	0.303	57,667	17.47
Foster	3,257	33	1,392	0.427	81,042	24.88

Reportable Prescriptions per Patient County

Quarter 4 - 2020

County Name	Population	Population Rank	Prescriptions Count	Prescription Per Person	Quantity	Units per person
Golden Valley	1,789	50	638	0.357	37,517	20.97
Grand Forks	70,795	3	25,309	0.357	1,383,282	19.54
Grant	2,376	40	867	0.365	55,011	23.15
Griggs	2,258	44	763	0.338	39,392	17.45
Hettinger	2,483	37	887	0.357	53,510	21.55
Kidder	2,482	38	808	0.326	48,548	19.56
LaMoure	4,087	28	1,333	0.326	74,599	18.25
Logan	1,918	48	412	0.215	24,582	12.82
McHenry	5,900	22	2,043	0.346	128,052	21.70
McIntosh	2,606	36	899	0.345	54,803	21.03
McKenzie	12,724	11	3,367	0.265	195,798	15.39
McLean	9,685	16	4,143	0.428	261,728	27.02
Mercer	8,465	17	2,820	0.333	165,773	19.58
Morton	30,796	6	12,837	0.417	759,906	24.68
Mountrail	10,265	15	3,673	0.358	207,139	20.18
Nelson	2,937	35	1,226	0.417	68,611	23.36
Oliver	1,940	47	405	0.209	24,472	12.61
Pembina	6,972	19	2,900	0.416	183,126	26.27

Reportable Prescriptions per Patient County

Quarter 4 - 2020

County Name	Population	Population Rank	Prescriptions Count	Prescription Per Person	Quantity	Units per person
Pierce	4,099	27	1,537	0.375	88,573	21.61
Ramsey	11,519	12	5,300	0.460	285,621	24.80
Ransom	5,297	23	2,421	0.457	133,870	25.27
Renville	2,463	39	870	0.353	43,807	17.79
Richland	16,351	9	5,075	0.310	298,500	18.26
Rolette	14,531	10	6,617	0.455	362,419	24.94
Sargent	3,858	30	1,296	0.336	87,037	22.56
Sheridan	1,353	51	482	0.356	34,020	25.14
Sioux	4,376	25	1,282	0.293	79,657	18.20
Slope	771	53	65	0.084	4,503	5.84
Stark	30,209	7	12,106	0.401	667,718	22.10
Steele	1,917	49	444	0.232	31,139	16.24
Stutsman	21,087	8	8,870	0.421	516,022	24.47
Towner	2,253	45	835	0.371	52,311	23.22
Traill	8,013	18	2,836	0.354	187,829	23.44
Walsh	10,855	13	4,906	0.452	284,236	26.18
Ward	68,946	4	20,303	0.294	1,149,734	16.68
Wells	4,022	29	1,795	0.446	103,142	25.64
Williams	33,349	5	11,822	0.354	675,887	20.27
Total/Average	755,393	N/A	267,898	0.355	15,214,383	20.14

Opioid Prescriptions per Patient County

Quarter 4 - 2020

County Name	Population	Population Rank	Prescriptions Count	Prescription Per Person	Quantity	Units per person
Adams	2,318	41	284	0.123	20,634	8.90
Barnes	10,734	14	1,467	0.137	70,050	6.53
Benson	6,936	20	1,224	0.176	55,304	7.97
Billings	940	52	43	0.046	1,302	1.39
Bottineau	6,530	21	639	0.098	27,716	4.24
Bowman	3,166	34	264	0.083	15,994	5.05
Burke	2,131	46	269	0.126	17,295	8.12
Burleigh	95,030	2	12,394	0.130	622,929	6.56
Cass	177,787	1	16,558	0.093	653,567	3.68
Cavalier	3,762	31	502	0.133	24,904	6.62
Dickey	4,861	24	666	0.137	38,533	7.93
Divide	2,288	43	286	0.125	17,766	7.76
Dunn	4,289	26	514	0.120	28,533	6.65
Eddy	2,316	42	364	0.157	20,888	9.02
Emmons	3,301	32	423	0.128	19,415	5.88
Foster	3,257	33	498	0.153	29,444	9.04
Golden Valley	1,789	50	228	0.127	13,360	7.47

Opioid Prescriptions per Patient County

Quarter 4 - 2020

County Name	Population	Population Rank	Prescriptions Count	Prescription Per Person	Quantity	Units per person
Grand Forks	70,795	3	8,572	0.121	400,305	5.65
Grant	2,376	40	403	0.170	25,149	10.58
Griggs	2,258	44	244	0.108	9,374	4.15
Hettinger	2,483	37	374	0.151	22,393	9.02
Kidder	2,482	38	307	0.124	16,392	6.60
LaMoure	4,087	28	514	0.126	19,794	4.84
Logan	1,918	48	166	0.087	7,716	4.02
McHenry	5,900	22	707	0.120	37,333	6.33
McIntosh	2,606	36	311	0.119	14,828	5.69
McKenzie	12,724	11	1,108	0.087	60,726	4.77
McLean	9,685	16	1,639	0.169	100,101	10.34
Mercer	8,465	17	1,123	0.133	65,454	7.73
Morton	30,796	6	5,038	0.164	256,897	8.34
Mountrail	10,265	15	1,475	0.144	73,825	7.19
Nelson	2,937	35	438	0.149	22,978	7.82
Oliver	1,940	47	183	0.094	9,975	5.14
Pembina	6,972	19	988	0.142	58,931	8.45

Opioid Prescriptions per Patient County

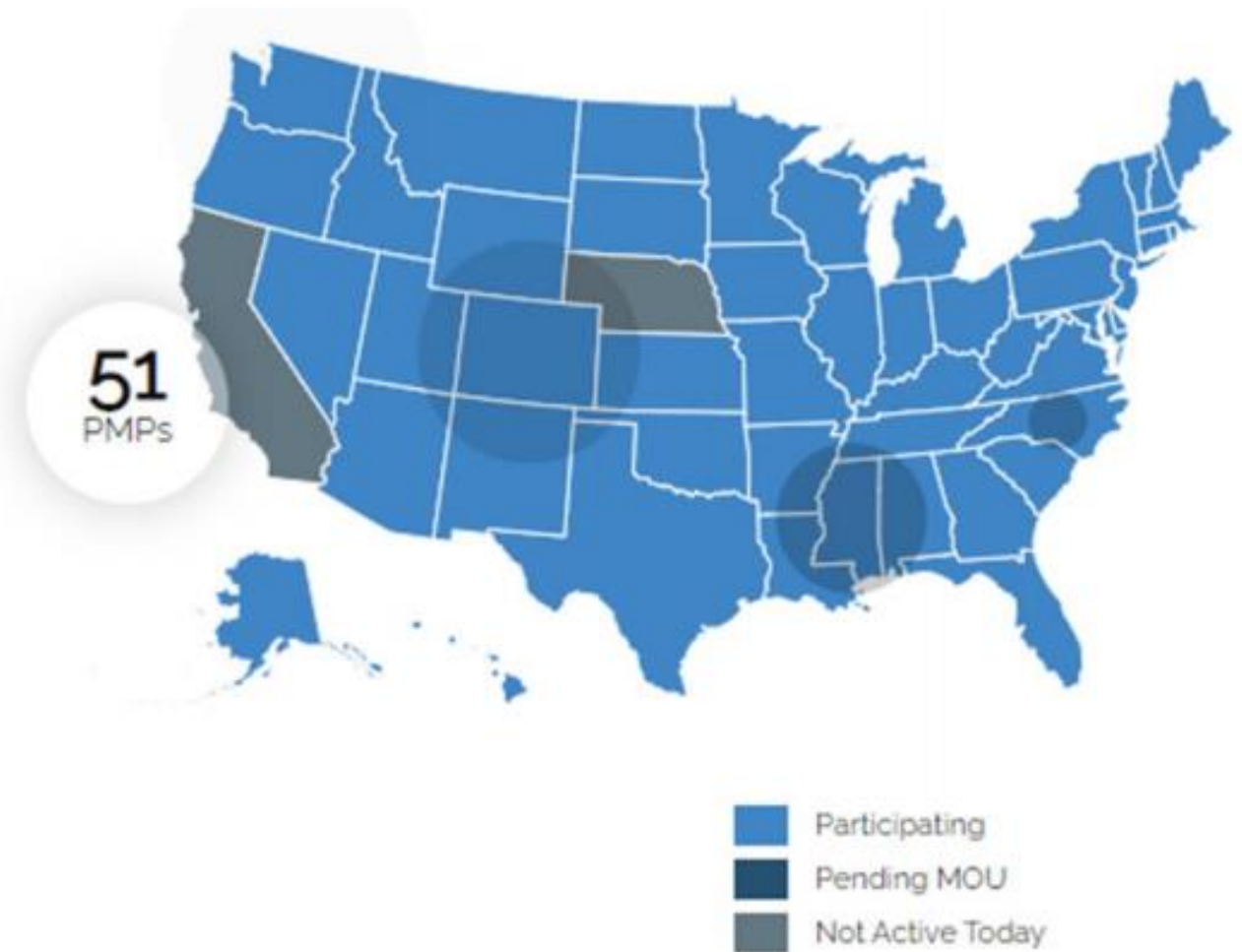
Quarter 4 - 2020

County Name	Population	Population Rank	Prescriptions Count	Prescription Per Person	Quantity	Units per person
Pierce	4,099	27	574	0.140	28,372	6.92
Ramsey	11,519	12	2,152	0.187	103,354	8.97
Ransom	5,297	23	708	0.134	31,350	5.92
Renville	2,463	39	256	0.104	11,697	4.75
Richland	16,351	9	1,544	0.094	70,593	4.32
Rolette	14,531	10	2,419	0.166	135,359	9.32
Sargent	3,858	30	386	0.100	20,373	5.28
Sheridan	1,353	51	213	0.157	13,428	9.92
Sioux	4,376	25	634	0.145	37,110	8.48
Slope	771	53	19	0.025	1,397	1.81
Stark	30,209	7	4,814	0.159	245,105	8.11
Steele	1,917	49	121	0.063	6,265	3.27
Stutsman	21,087	8	3,083	0.146	139,921	6.64
Towner	2,253	45	316	0.140	18,534	8.23
Traill	8,013	18	688	0.086	39,410	4.92
Walsh	10,855	13	1,702	0.157	97,329	8.97
Ward	68,946	4	6,124	0.089	296,424	4.30
Wells	4,022	29	662	0.165	34,163	8.49
Williams	33,349	5	4,148	0.124	236,247	7.08
Total/Average	755,393	N/A	90,776	0.120	4,446,235	5.89

PMP Interconnect Interstate Data Sharing Transactions

► Many interoperable prescription monitoring programs (PMPs) are active today, giving healthcare practitioners access to data, analytics, tools, and resources from across state lines AND within the care team's workflow. Available in real-time and at the point-of-care, PMP data is improving patient safety and outcomes. Visit

<https://www.pmpinterconnect.com>
to learn more about PMP
Interconnect and PMP Gateway an
integration for clinical workflow.



PMP Gateway Connections

► PMP Gateway integrates PDMP data, analytics, insights and resources into electronic health records, health information exchanges, and pharmacy management system workflows, making it easy and efficient for healthcare providers and pharmacists to access patient information, in line with state laws, before prescribing/dispensing additional medication.

► Quick Facts: More than 866,000 prescribers and pharmacists at over 111,000 facilities in 43 PDMPs are using PMP Gateway service in almost 90 million patient encounters per month.

► Visit <https://pdmpworks.org> to learn more about PMP Interconnect and PMP Gateway.

North Dakota Gateway Facilities

339 active facilities in the last 18 months

