

Prescription Drug Monitoring Program Facts, Figures, and Trends 1st Quarter 2021

North Dakota Board of Pharmacy
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Number of Users per Month

2021 Users

January	February	March	April	May	June	July	August	September	October	November	December
8944	9010	9058									
255	238	242									
1556	1597	1527									

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

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

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

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

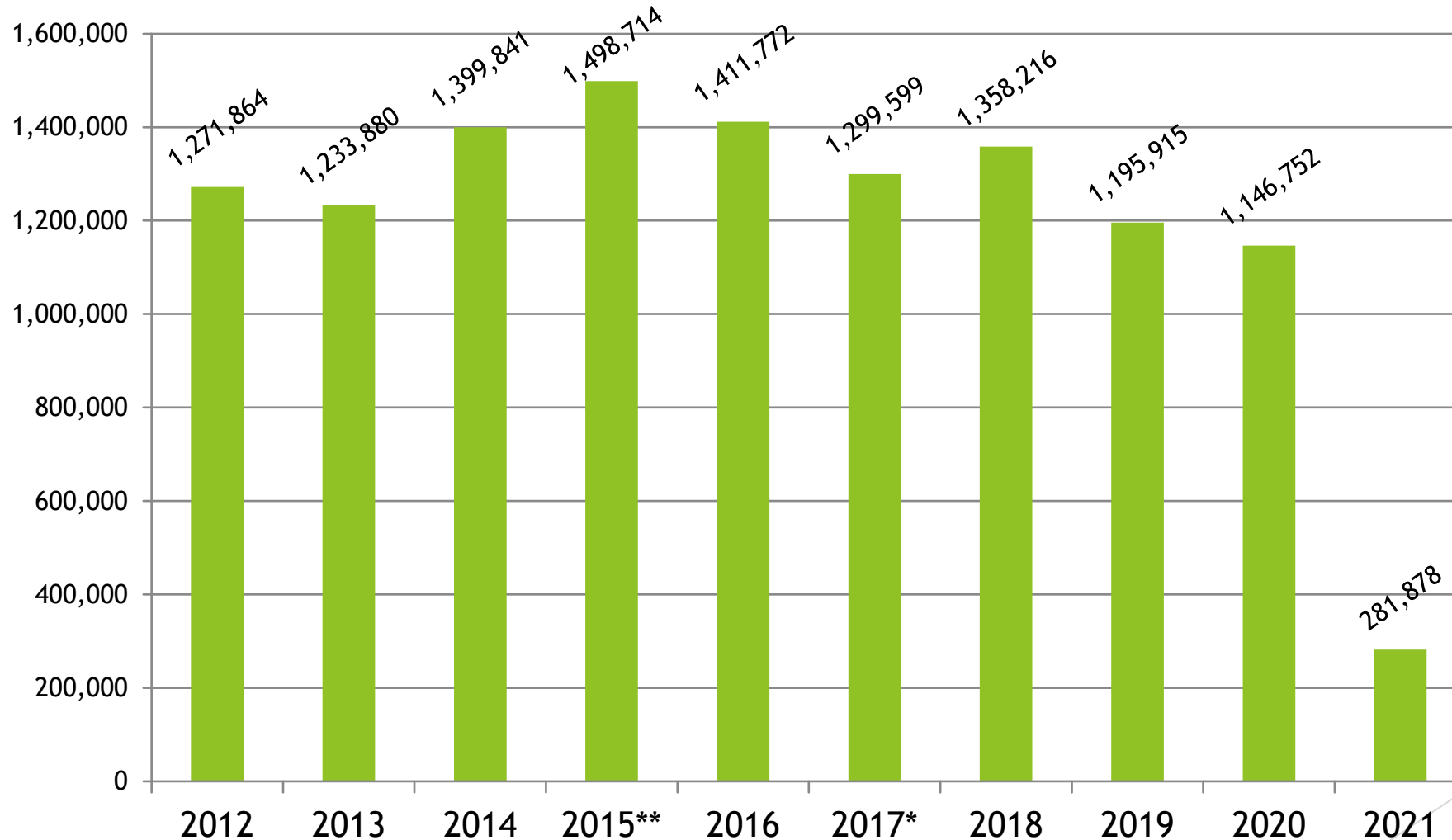
Chart Legend

Total Users

Avg. Daily Active Users

Monthly Active Users

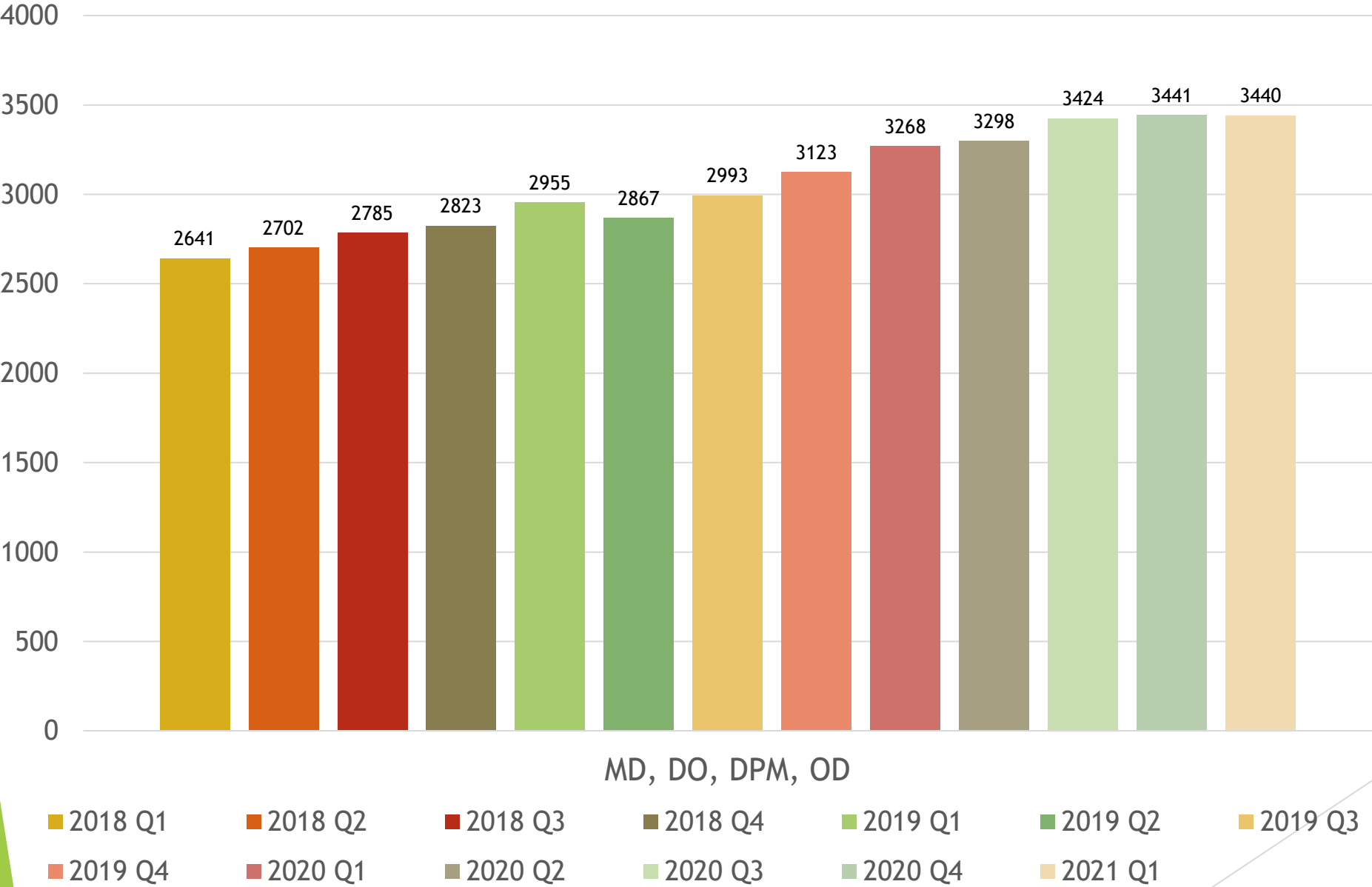
All Reportable Substances Dispensed/Year in ND or to ND Residents



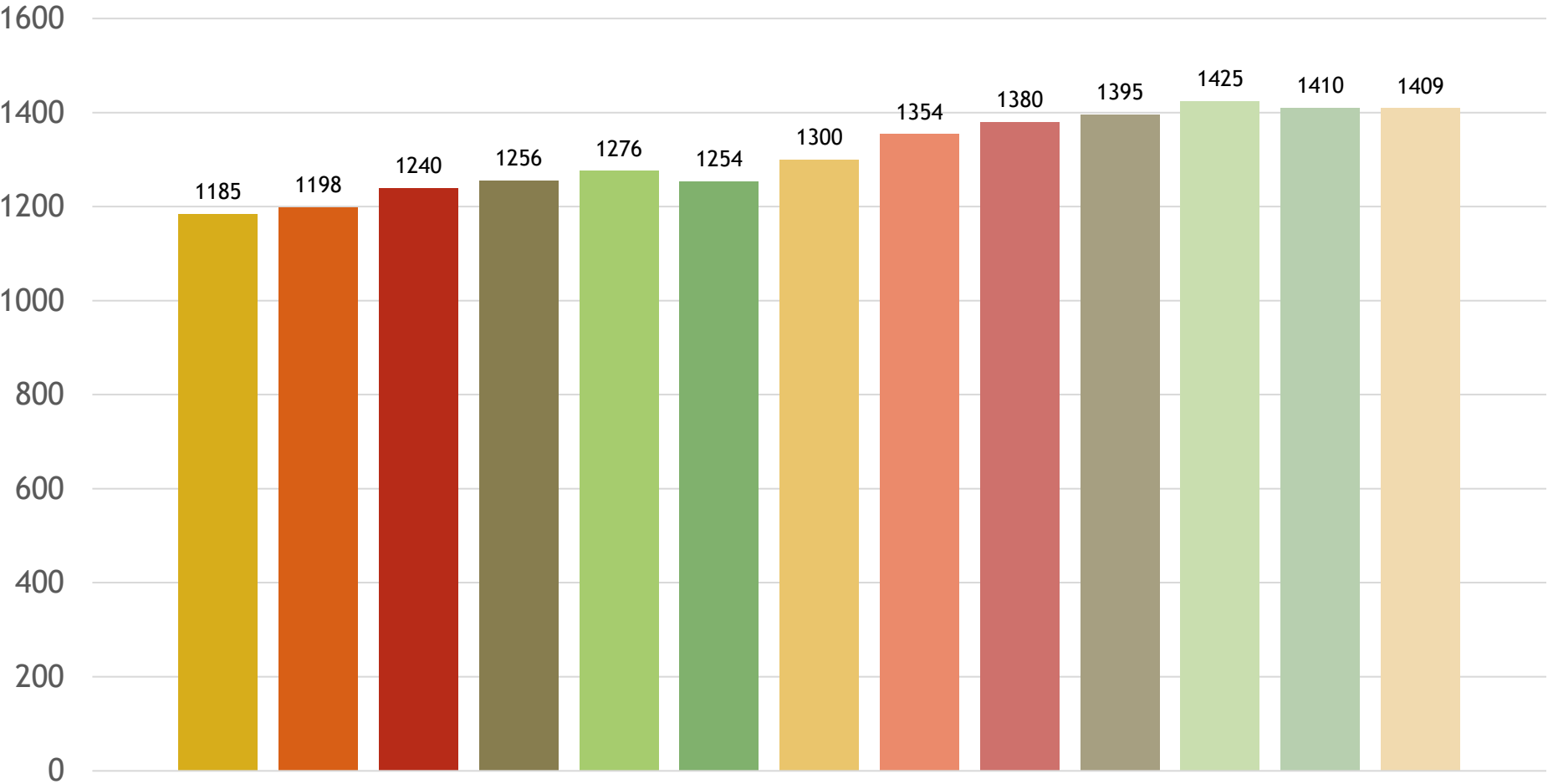
*Gabapentin reporting started on August 1st, 2017; 2018 was the first full year of gabapentin collection.

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

Medical Doctors Active Accounts



Pharmacists Active Accounts

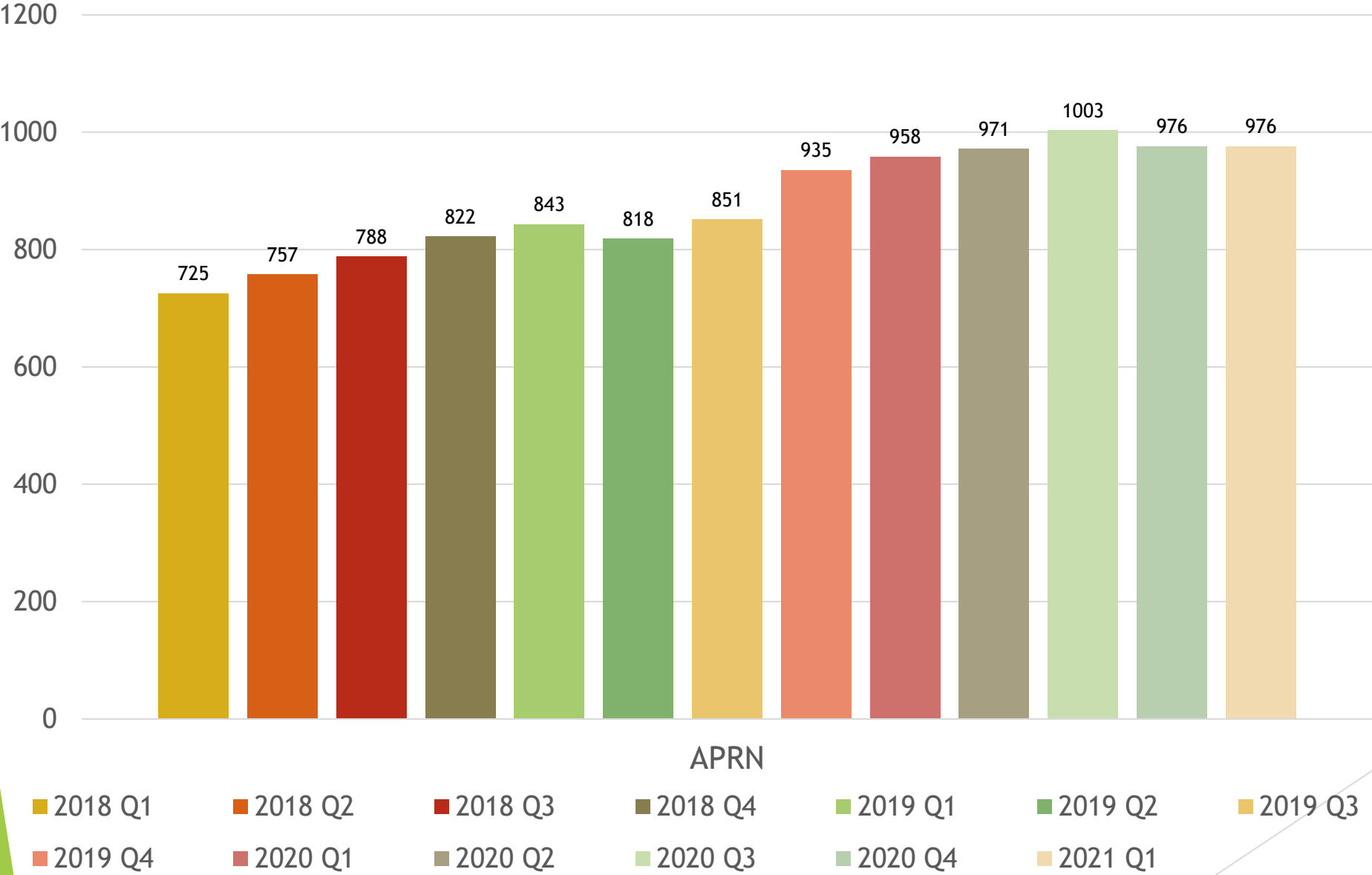


R.Ph., PharmD

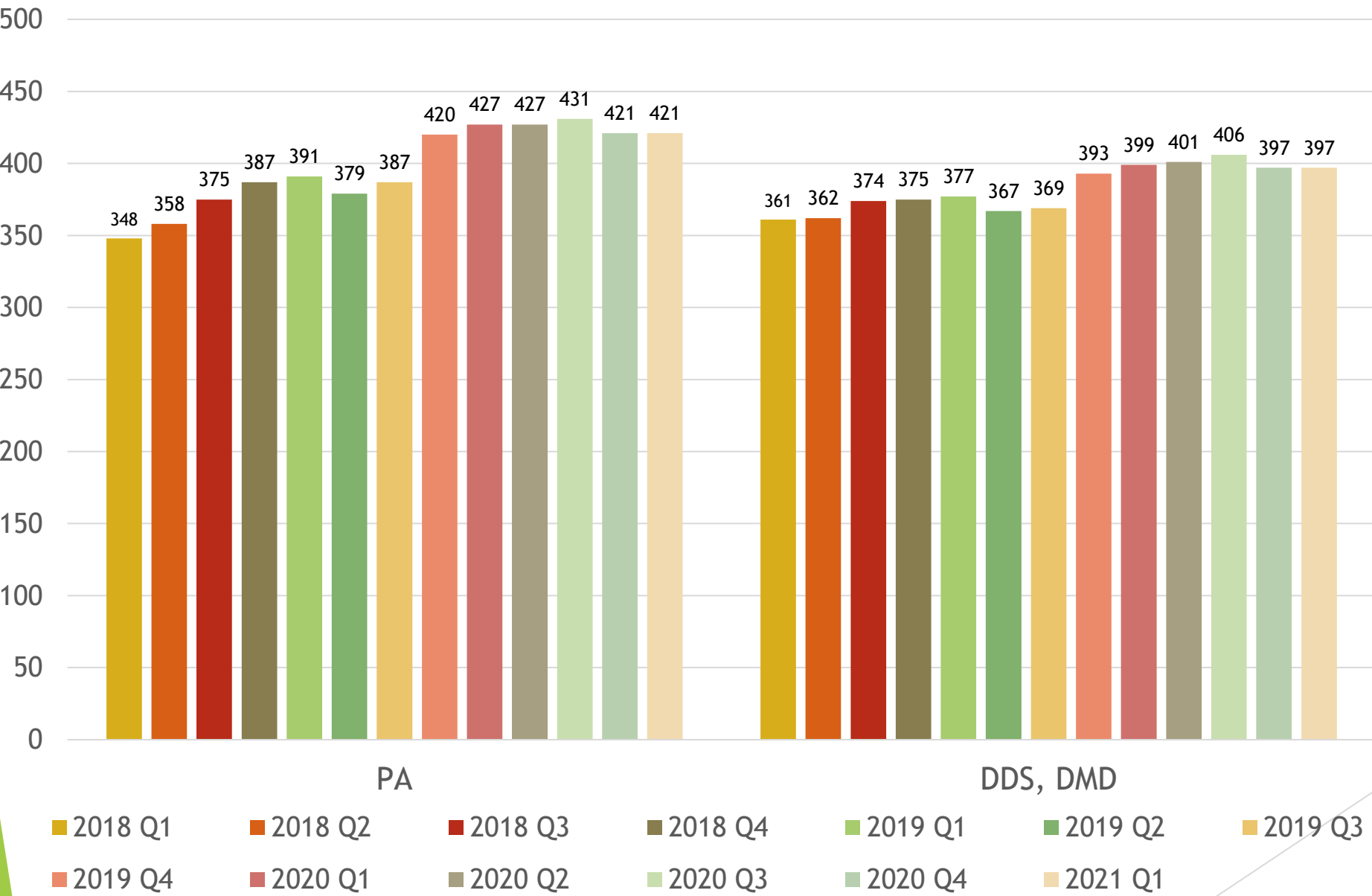
- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4
- 2021 Q1



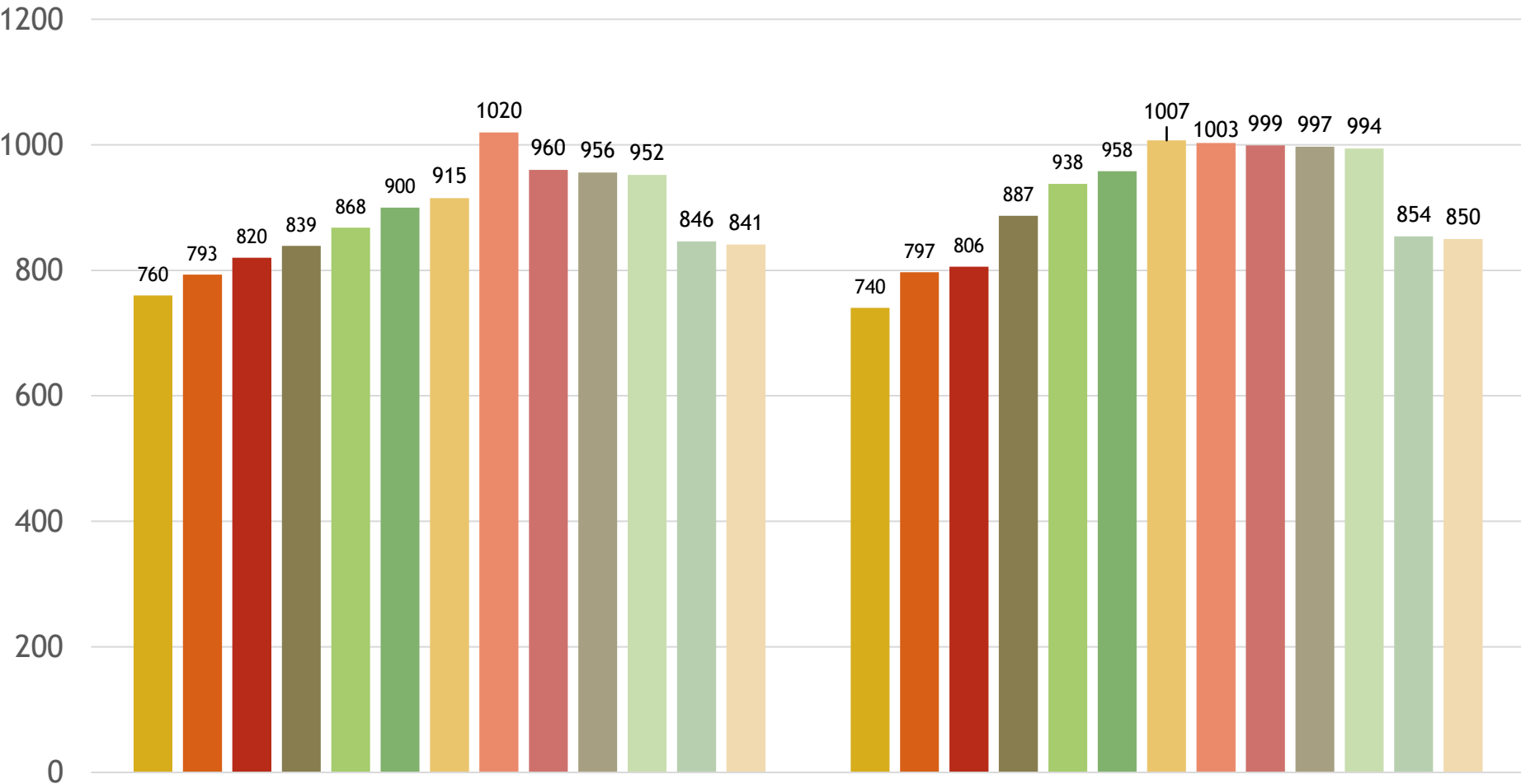
Advanced Practice Nurses Active Accounts



Physician Assistants and Dentists Active Accounts



Pharmacy & Prescriber Delegates Active Accounts



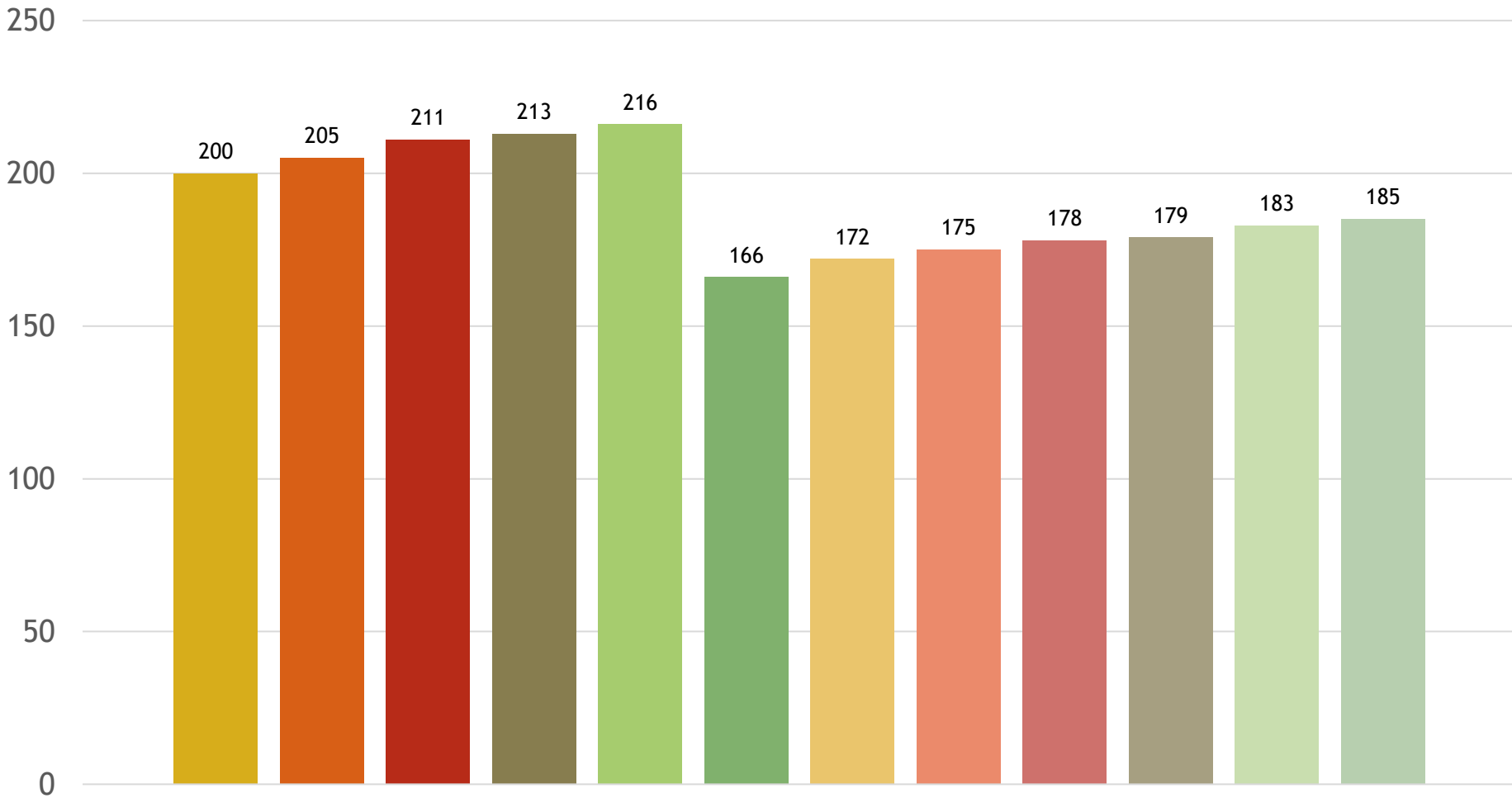
Pharmacy Delegates

Prescriber Delegates

- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4
- 2021 Q1



Licensed Addiction Counselors Active Accounts

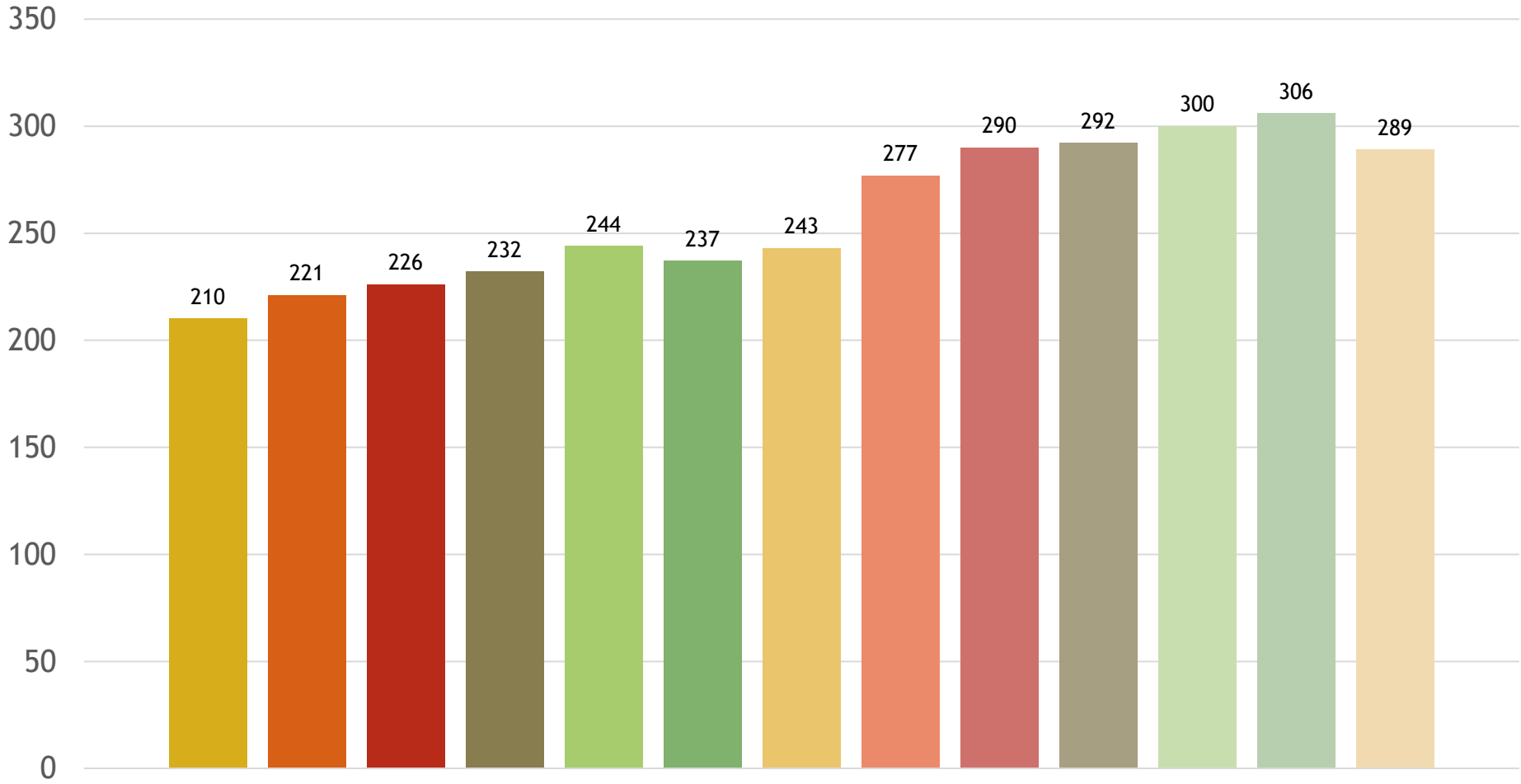


- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4

*Switched to active accounts in 2019 Q2



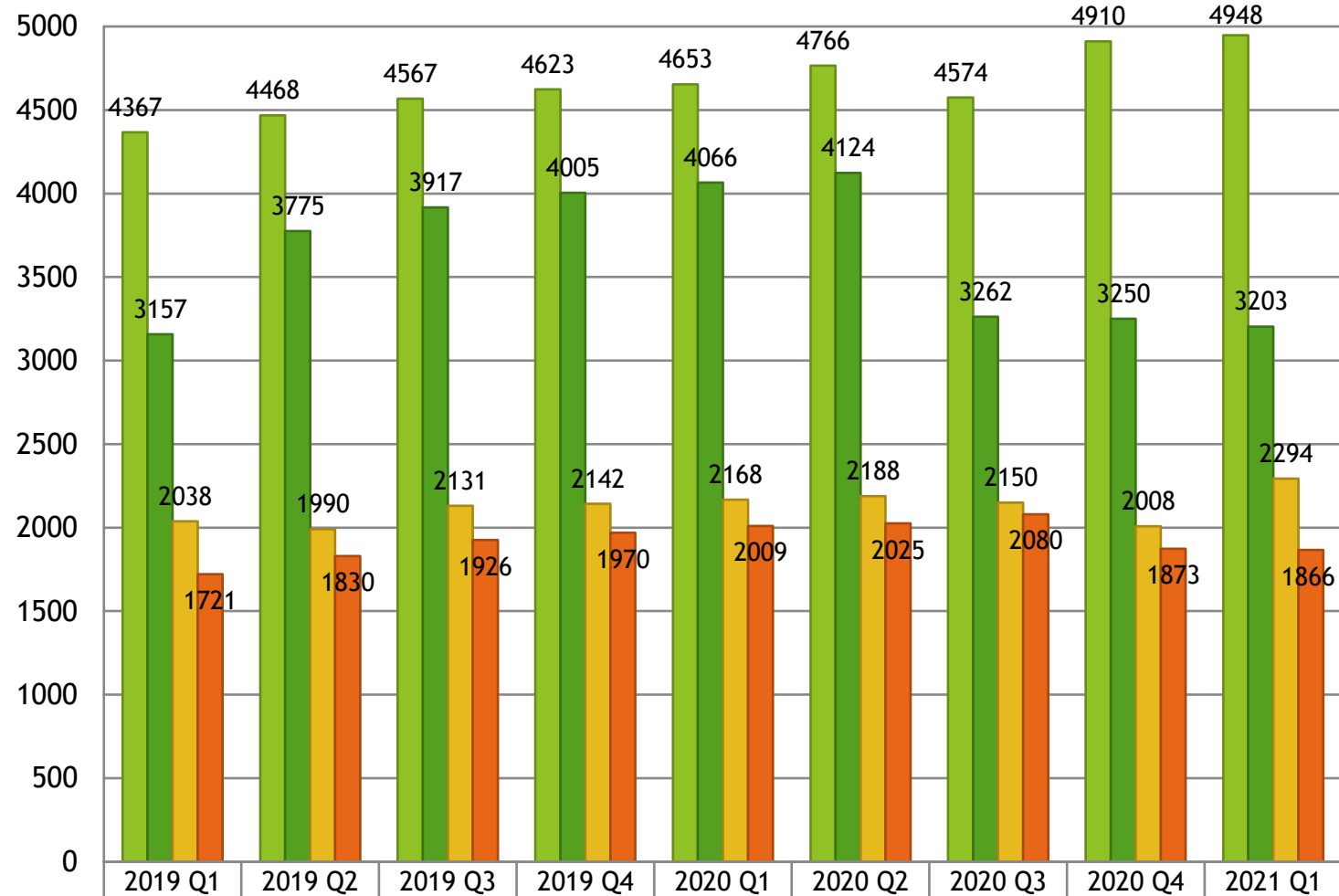
Law Enforcement Active Accounts



Law Enforcement

- 2018 Q1
- 2018 Q2
- 2018 Q3
- 2018 Q4
- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4
- 2021 Q1

Doctors - Authorization vs. Utilization



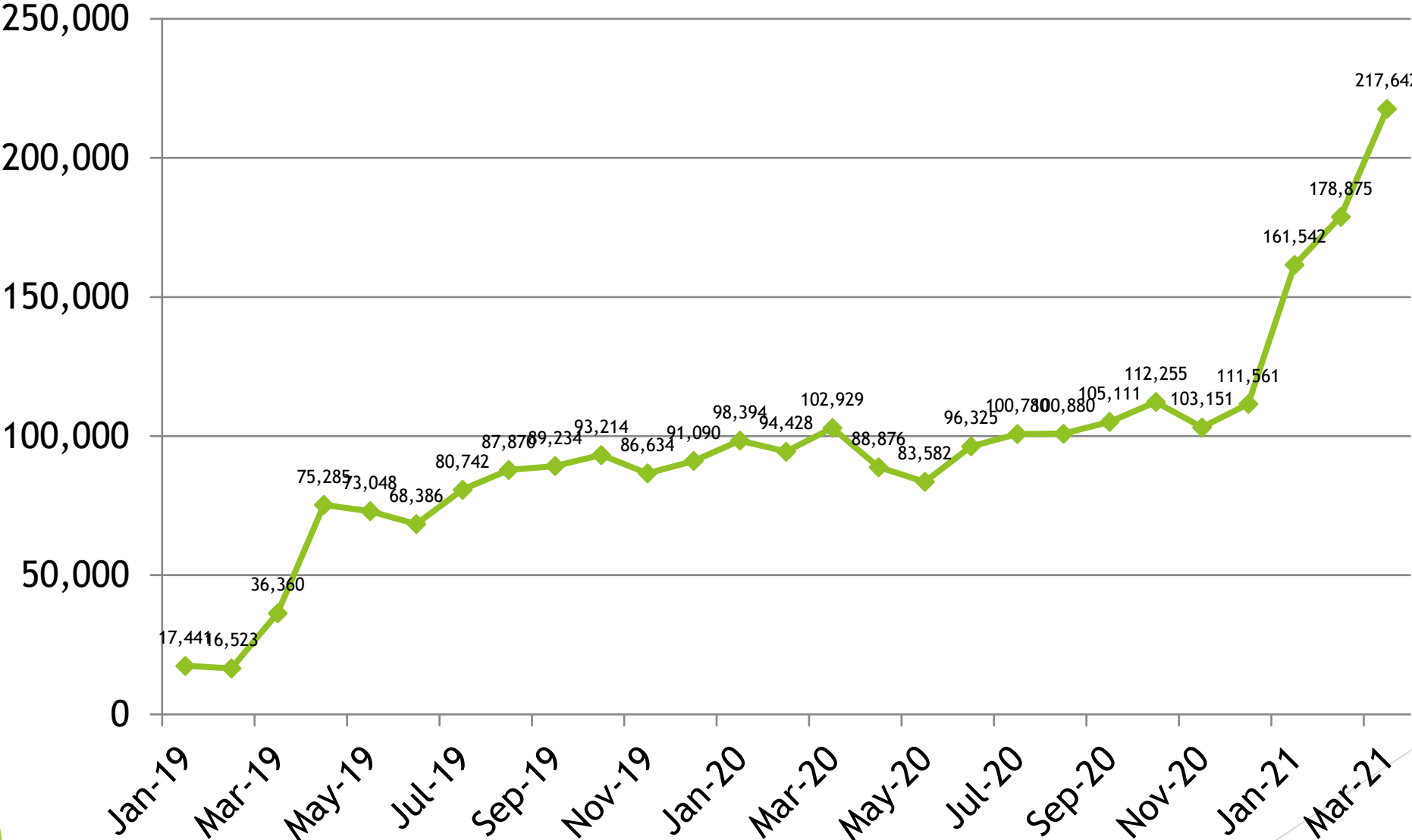
■ ND DEA Registered Doctors	4367	4468	4567	4623	4653	4766	4574	4910	4948
■ ND Doctors who authorized prescriptions	3157	3775	3917	4005	4066	4124	3262	3250	3203
■ ND Doctors also registered with ND PDMP	2038	1990	2131	2142	2168	2188	2150	2008	2294
■ ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	1721	1830	1926	1970	2009	2025	2080	1873	1866

Other Practitioners - Authorization vs. Utilization

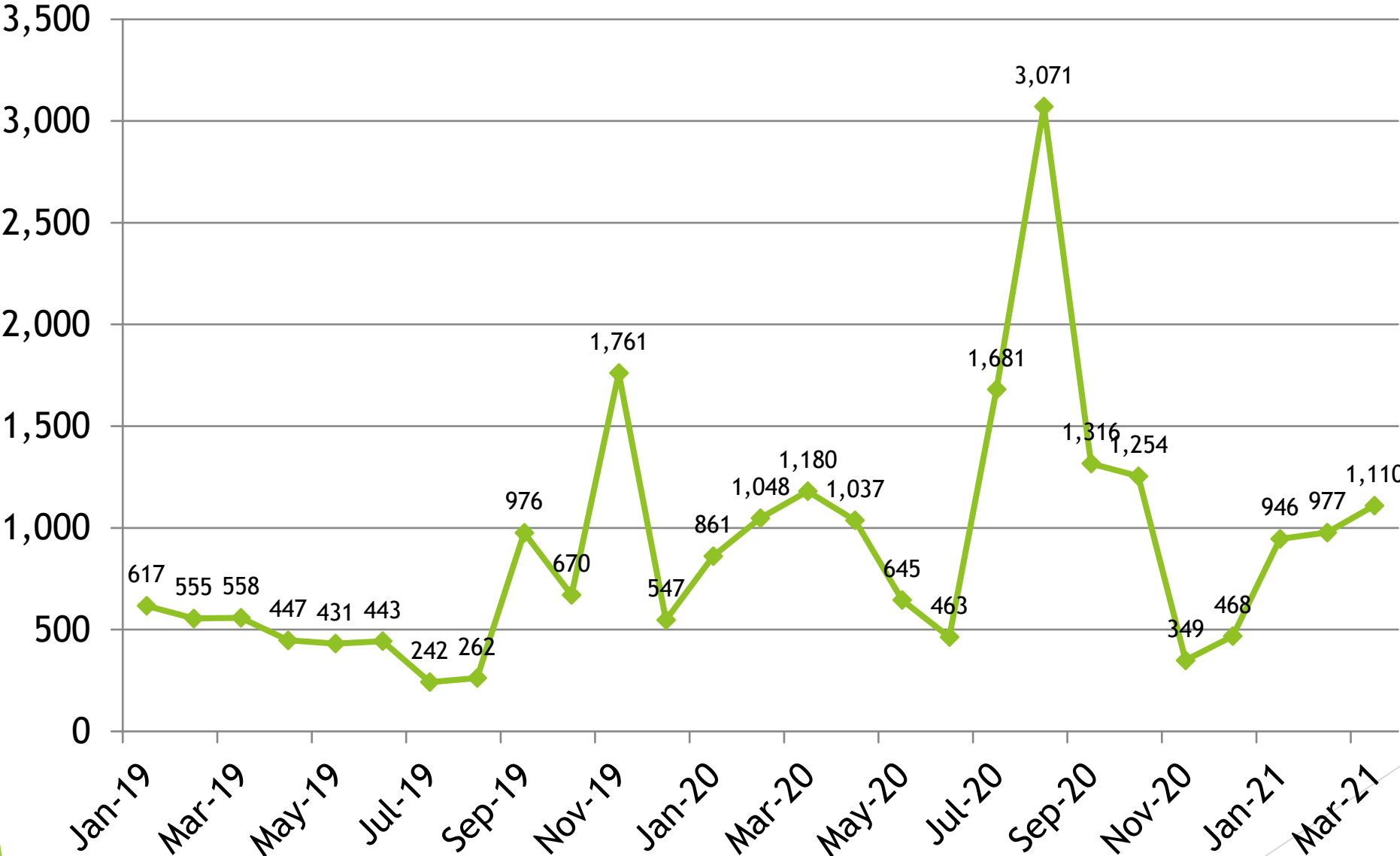


ND DEA Registered Other Practitioners	1617	1636	1703	1755	1784	1819	1755	1915	1934
ND Authorized Prescriptions	1395	1530	1587	1633	1679	1702	1749	1499	1513
ND Registered with ND PDMP	938	958	994	1052	1074	1106	1122	1047	1165
ND Practitioner/their Appointed Delegate who Accessed the System on their behalf (counts as 1)	821	932	983	1062	1060	1081	1116	1046	1060

ND Gateway Monthly Requests



ND Health Information Network Requests

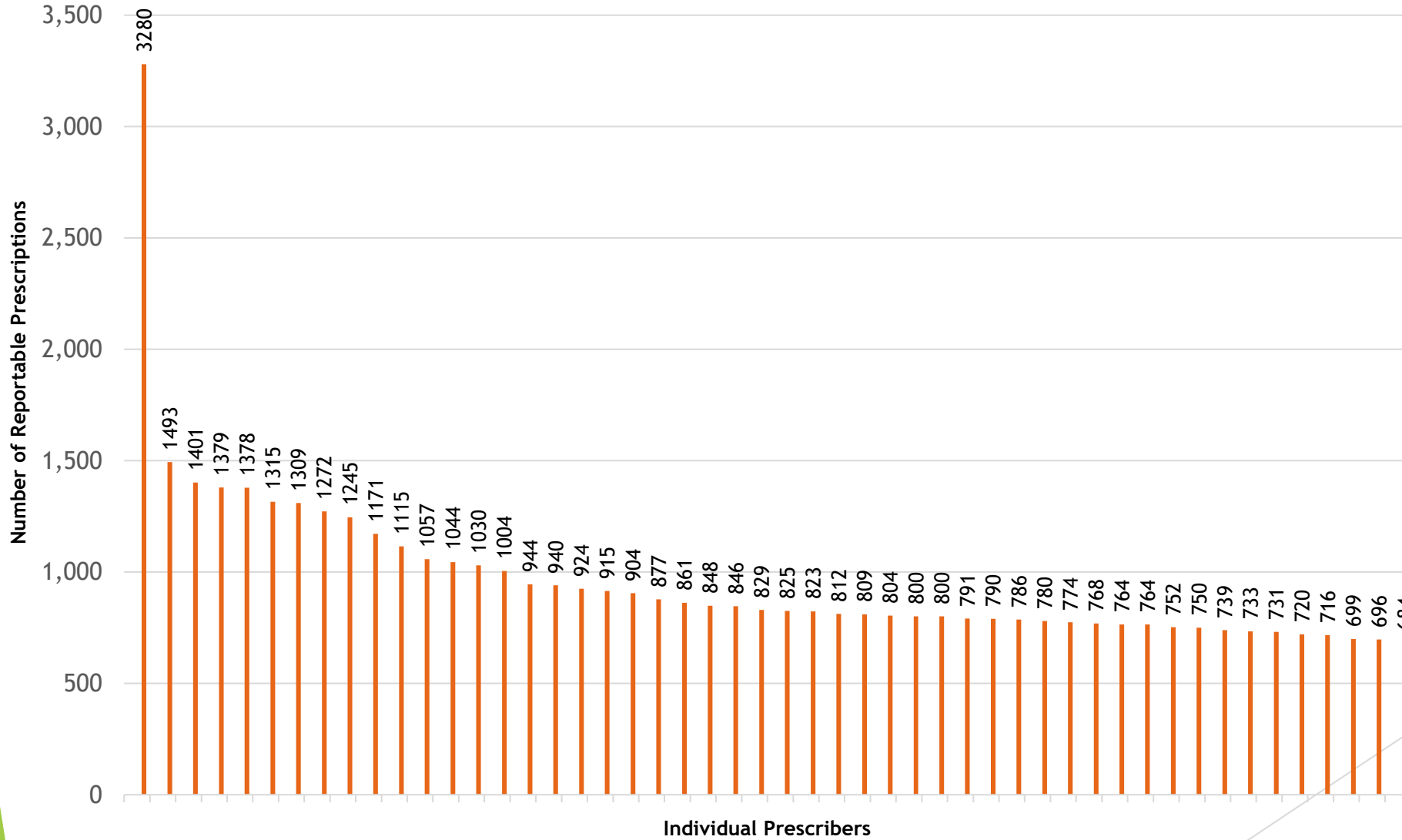


Prescriptions Dispensed by Class

356	2018 Q1	2018 Q2	2018 Q3	2018 Q4	2019 Q1	2019 Q2	2019 Q3	2019 Q4	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1
Anesthetic	2	292	483	655	511	558	525	528	399	377	375	408	356
Cannabinoid	213	175	467	210	206	195	167	167	210	150	160	144	129
GI Narcotic	736	810	818	785	749	762	776	780	811	748	799	805	474
Narcotic/ Opioids	138,453	130,846	126,333	132,829	126,071	120,582	121,118	121,586	122,044	103,889	114,258	114,039	108,591
Other	46,934	47,057	47,304	48,517	45,894	46,193	47,538	47,801	46,489	44,706	46,866	47,607	45,555
Sedative	93,374	100,779	100,385	101,689	95,393	95,053	96,786	97,130	95,345	89,807	92,203	93,173	89,719
Steroid	2,014	2,647	2,757	2,822	2,528	2,520	2,736	2,762	2,749	2,690	2,700	2,835	2,829
Stimulant	54,742	53,720	52,344	56,553	54,979	53,420	54,666	54,853	58,481	52,224	54,333	57,611	59,052
Blank	52	58	74	109	94	133	150	153	151	119	213	155	140
Total	345,857	337,510	330,680	344,169	326,435	319,416	324,462	325,760	326,679	294,730	311,907	316,777	306,845

* 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 1 - 2021

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Adams	2,216	44	810	0.366	53,073	23.95
Barnes	10,415	15	4,476	0.430	250,296	24.03
Benson	6,832	19	2,294	0.336	124,423	18.21
Billings	928	52	57	0.061	2,360	2.54
Bottineau	6,282	21	1,967	0.313	106,575	16.97
Bowman	3,024	34	836	0.276	46,910	15.51
Burke	2,115	46	705	0.333	46,428	21.95
Burleigh	95,626	2	32,669	0.342	1,826,861	19.10
Cass	181,923	1	57,203	0.314	3,053,888	16.79
Cavalier	3,762	31	1,357	0.361	76,779	20.41
Dickey	4,872	24	1,776	0.365	104,590	21.47
Divide	2,264	42	679	0.300	44,315	19.57
Dunn	4,424	25	1,194	0.270	64,786	14.64
Eddy	2,287	40	857	0.375	54,682	23.91
Emmons	3,241	32	951	0.293	54,425	16.79
Foster	3,210	33	1,326	0.413	73,215	22.81
Golden Valley	1,761	50	658	0.374	36,021	20.45
Grand Forks	69,451	3	24,277	0.350	1,311,371	18.88

Reportable Prescriptions per Patient County

Quarter 1 - 2021

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Grant	2,274	41	874	0.384	51,194	22.51
Griggs	2,231	43	744	0.333	38,977	17.47
Hettinger	2,499	36	843	0.337	47,932	19.18
Kidder	2,480	38	768	0.310	43,839	17.68
LaMoure	4,046	27	1,146	0.283	67,374	16.65
Logan	1,850	49	375	0.203	24,109	13.03
McHenry	5,745	22	1,960	0.341	120,848	21.04
McIntosh	2,497	37	853	0.342	49,101	19.66
McKenzie	15,024	10	3,380	0.225	184,673	12.29
McLean	9,450	16	3,904	0.413	235,122	24.88
Mercer	8,187	17	2,647	0.323	153,930	18.80
Morton	31,364	7	12,133	0.387	694,222	22.13
Mountrail	10,545	14	3,680	0.349	207,807	19.71
Nelson	2,879	35	1,212	0.421	65,534	22.76
Oliver	1,959	47	419	0.214	24,764	12.64
Pembina	6,801	20	2,806	0.413	173,961	25.58
Pierce	3,975	28	1,473	0.371	85,236	21.44
Ramsey	11,519	12	4,950	0.430	263,855	22.91

Reportable Prescriptions per Patient County

Quarter 1 - 2021

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Ransom	5,218	23	2,338	0.448	128,865	24.70
Renville	2,327	39	832	0.358	42,654	18.33
Richland	16,177	9	4,755	0.294	268,875	16.62
Rolette	14,176	11	6,363	0.449	346,216	24.42
Sargent	3,898	29	1,327	0.340	82,993	21.29
Sheridan	1,315	51	487	0.370	32,713	24.88
Sioux	4,230	26	1,261	0.298	73,932	17.48
Slope	750	53	54	0.072	4,341	5.79
Stark	31,489	6	11,549	0.367	622,107	19.76
Steele	1,890	48	436	0.231	27,130	14.35
Stutsman	20,704	8	7,867	0.380	454,335	21.94
Towner	2,189	45	795	0.363	49,413	22.57
Traill	8,036	18	2,879	0.358	186,348	23.19
Walsh	10,641	13	4,790	0.450	270,424	25.41
Ward	67,641	4	20,022	0.296	1,106,171	16.35
Wells	3,834	30	1,663	0.434	94,921	24.76
Williams	37,589	5	11,947	0.318	660,903	17.58
Grand Total	762,062	N/A	257,624	0.338	14,315,818	18.79

Opioid Prescriptions per Patient County

Quarter 1 - 2021

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Adams	2,216	44	293	0.132	18,279	8.25
Barnes	10,415	15	1,438	0.138	67,691	6.50
Benson	6,832	19	1,120	0.164	52,390	7.67
Billings	928	52	17	0.018	730	0.79
Bottineau	6,282	21	680	0.108	28,624	4.56
Bowman	3,024	34	299	0.099	17,068	5.64
Burke	2,115	46	272	0.129	17,195	8.13
Burleigh	95,626	2	11,750	0.123	582,757	6.09
Cass	181,923	1	15,164	0.083	594,588	3.27
Cavalier	3,762	31	503	0.134	24,485	6.51
Dickey	4,872	24	585	0.120	33,101	6.79
Divide	2,264	42	311	0.137	18,366	8.11
Dunn	4,424	25	558	0.126	30,142	6.81
Eddy	2,287	40	324	0.142	19,789	8.65
Emmons	3,241	32	413	0.127	19,048	5.88
Foster	3,210	33	469	0.146	25,122	7.83
Golden Valley	1,761	50	236	0.134	13,168	7.48
Grand Forks	69,451	3	8,015	0.115	370,894	5.34

Opioid Prescriptions per Patient County

Quarter 1 - 2021

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Grant	2,274	41	406	0.179	23,115	10.16
Griggs	2,231	43	229	0.103	8,883	3.98
Hettinger	2,499	36	343	0.137	19,391	7.76
Kidder	2,480	38	278	0.112	14,712	5.93
LaMoure	4,046	27	395	0.098	17,353	4.29
Logan	1,850	49	153	0.083	7,807	4.22
McHenry	5,745	22	673	0.117	35,195	6.13
McIntosh	2,497	37	293	0.117	14,428	5.78
McKenzie	15,024	10	1,126	0.075	58,573	3.90
McLean	9,450	16	1,557	0.165	88,821	9.40
Mercer	8,187	17	1,028	0.126	61,939	7.57
Morton	31,364	7	4,610	0.147	234,504	7.48
Mountrail	10,545	14	1,471	0.139	73,364	6.96
Nelson	2,879	35	460	0.160	21,632	7.51
Oliver	1,959	47	205	0.105	10,561	5.39
Pembina	6,801	20	896	0.132	50,175	7.38
Pierce	3,975	28	560	0.141	27,725	6.97
Ramsey	11,519	12	1,996	0.173	94,782	8.23

Opioid Prescriptions per Patient County

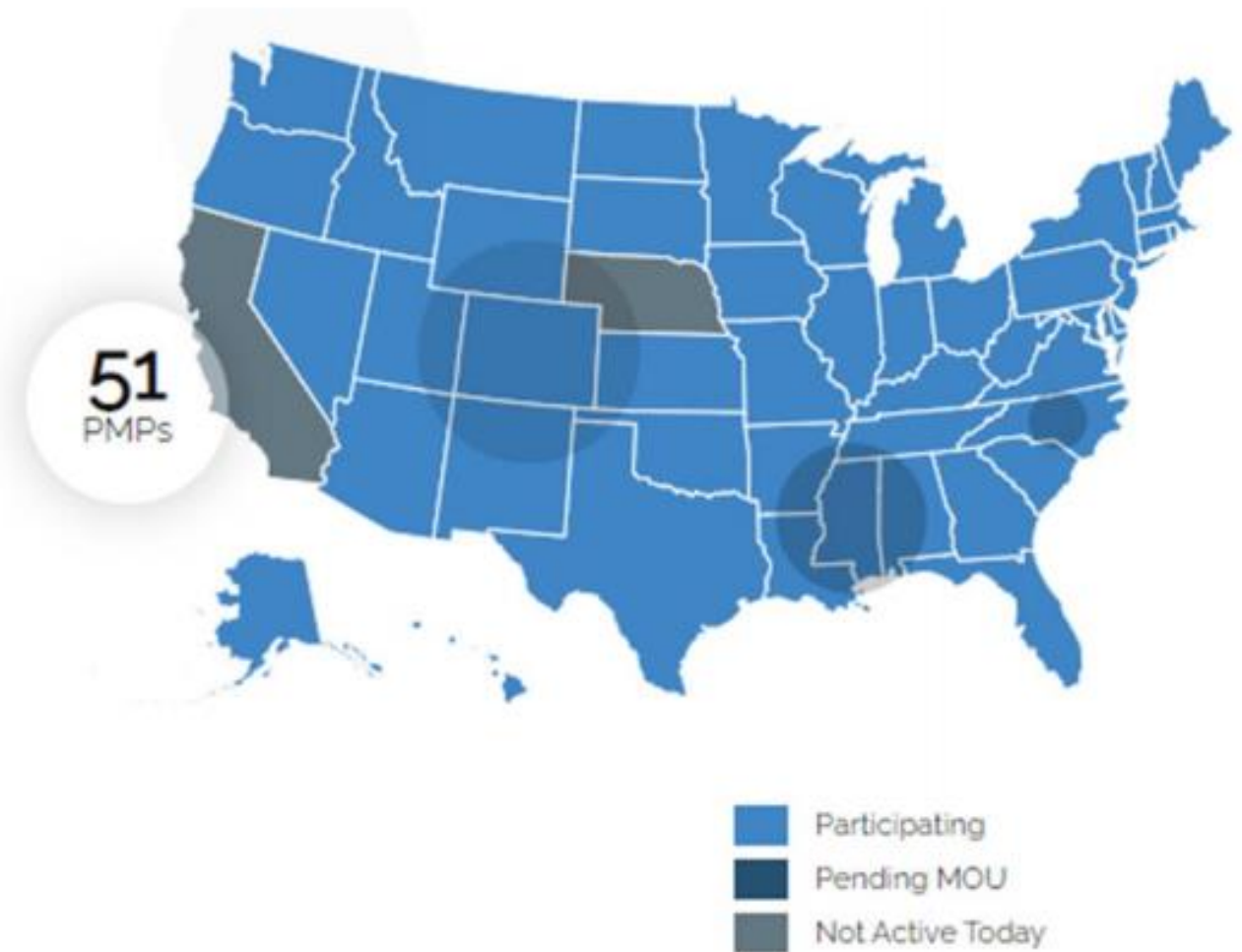
Quarter 1 - 2021

County Name	Population	Population Rank	Prescription Count	Prescription Per Person	Total Dosage Units	Units per person
Ransom	5,218	23	688	0.132	30,016	5.75
Renville	2,327	39	264	0.113	11,663	5.01
Richland	16,177	9	1,448	0.090	67,029	4.14
Rolette	14,176	11	2,304	0.163	126,674	8.94
Sargent	3,898	29	442	0.113	21,364	5.48
Sheridan	1,315	51	212	0.161	12,936	9.84
Sioux	4,230	26	635	0.150	34,959	8.26
Slope	750	53	18	0.024	1,575	2.10
Stark	31,489	6	4,455	0.141	220,493	7.00
Steele	1,890	48	129	0.068	5,416	2.87
Stutsman	20,704	8	2,656	0.128	121,734	5.88
Towner	2,189	45	290	0.132	18,534	8.47
Trails	8,036	18	777	0.097	44,119	5.49
Walsh	10,641	13	1,714	0.161	91,068	8.56
Ward	67,641	4	5,940	0.088	282,403	4.18
Wells	3,834	30	572	0.149	29,436	7.68
Williams	37,589	5	4,183	0.111	229,753	6.11
Grand Total	762,062	N/A	85,853	0.113	4,145,569	5.44

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

370 active facilities in the last 18 months

