

Prescription Drug Monitoring Program Facts, Figures, and Trends 4th 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	9101	9132	9189	9241	9296	9387	9455	9503	9564
255	238	242	239	236	256	244	251	224	231	229	242
1556	1597	1527	1486	1461	1586	1531	1444	1442	1466	1502	1422

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

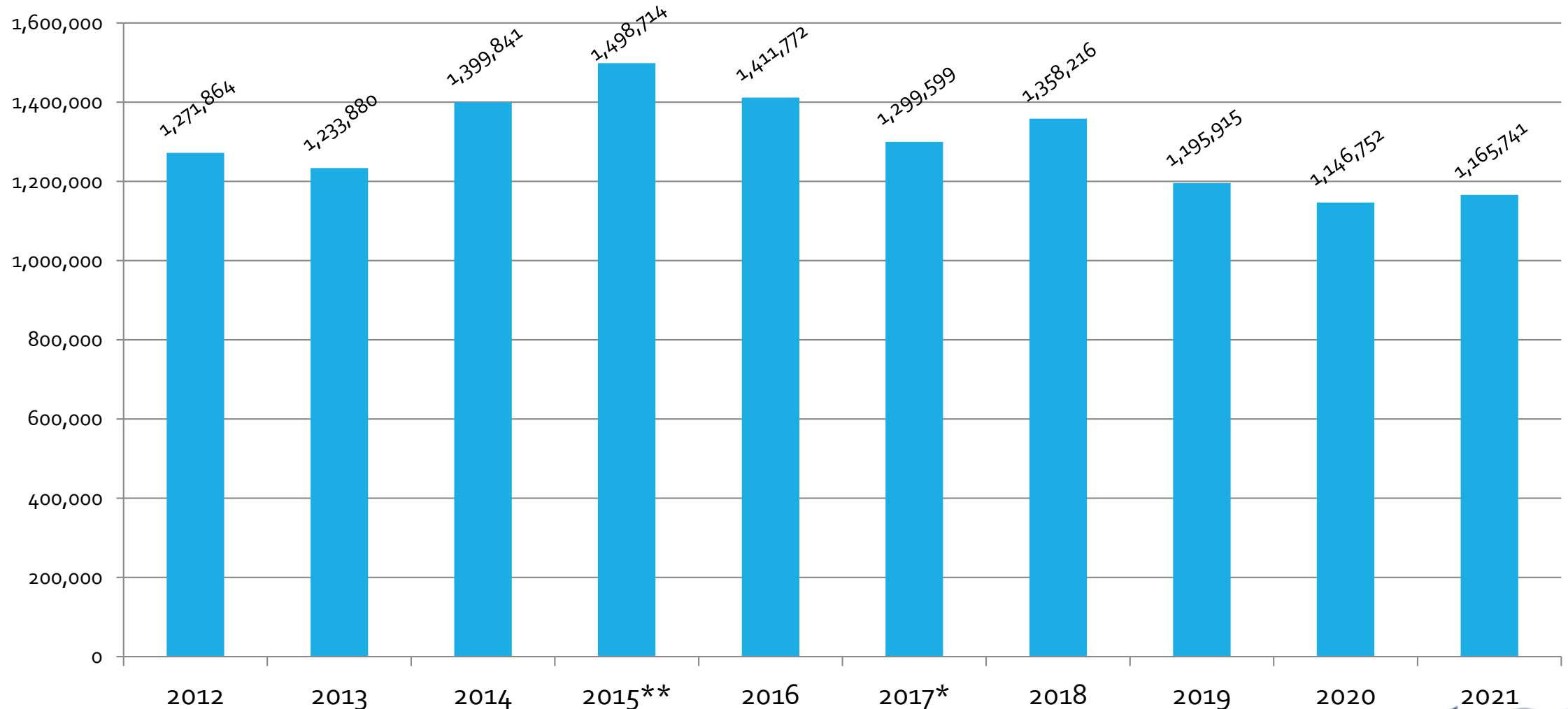
Chart Legend

Total Users

Avg. Daily Active Users

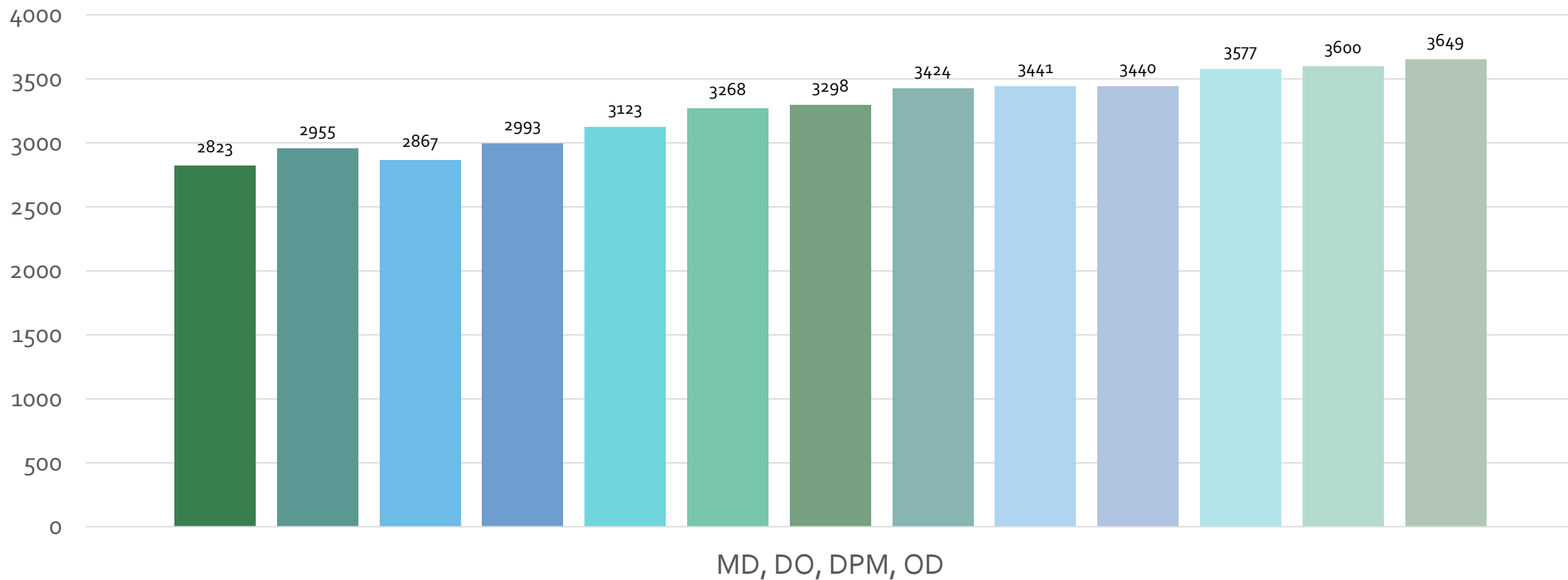
Monthly Active Users

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



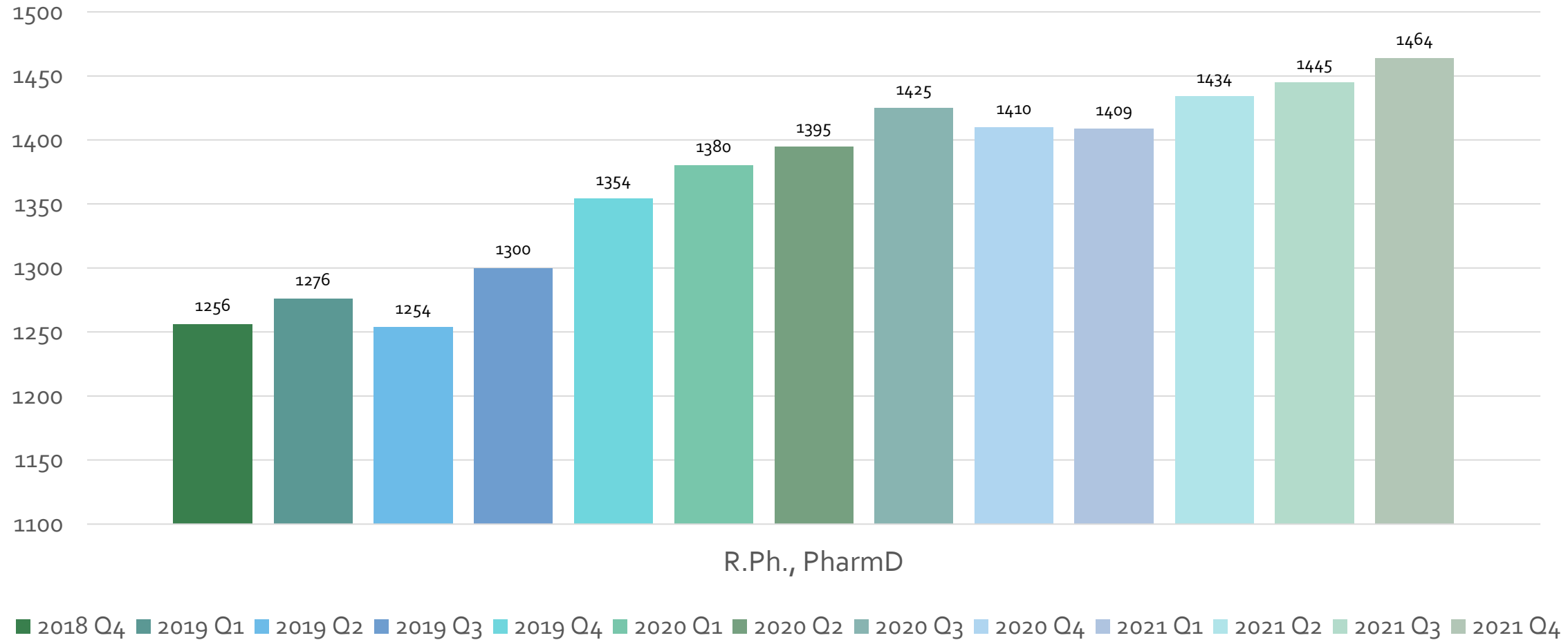
*Gabapentin reporting started on August 1st, 2017; 2018 was the first full year of gabapentin collection.

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

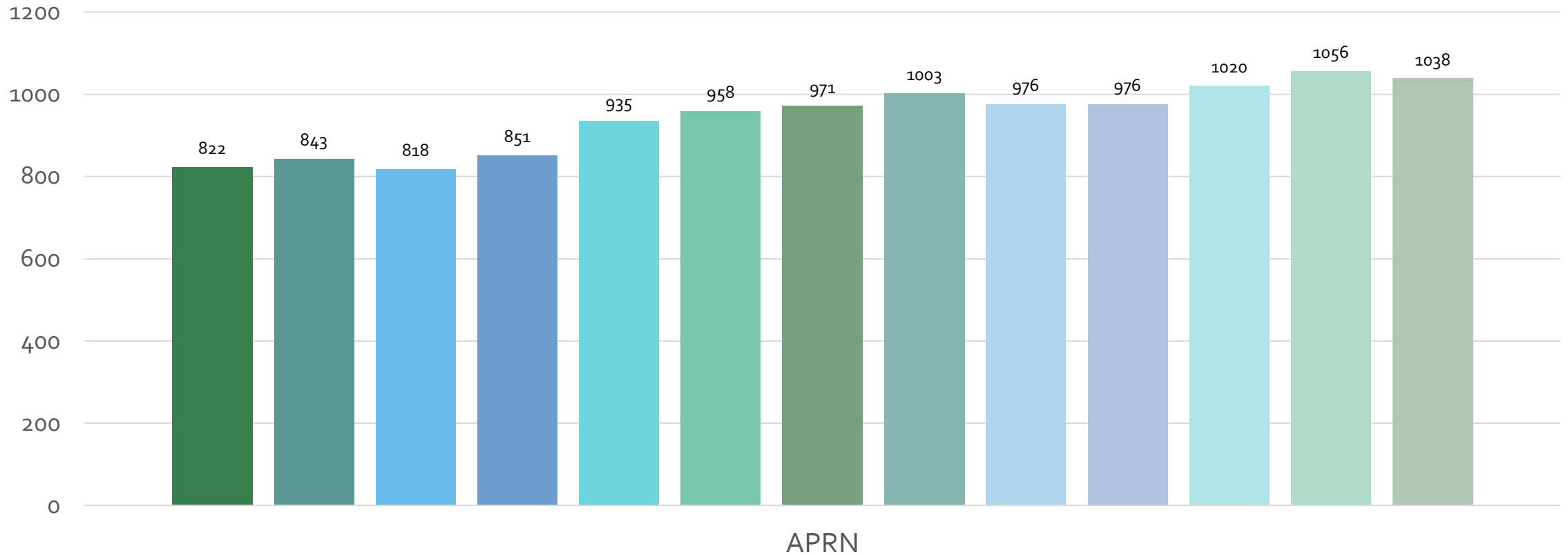


2018 Q4 2019 Q1 2019 Q2 2019 Q3 2019 Q4 2020 Q1 2020 Q2 2020 Q3 2020 Q4 2021 Q1 2021 Q2 2021 Q3 2021 Q4

MEDICAL DOCTORS ACTIVE ACCOUNTS

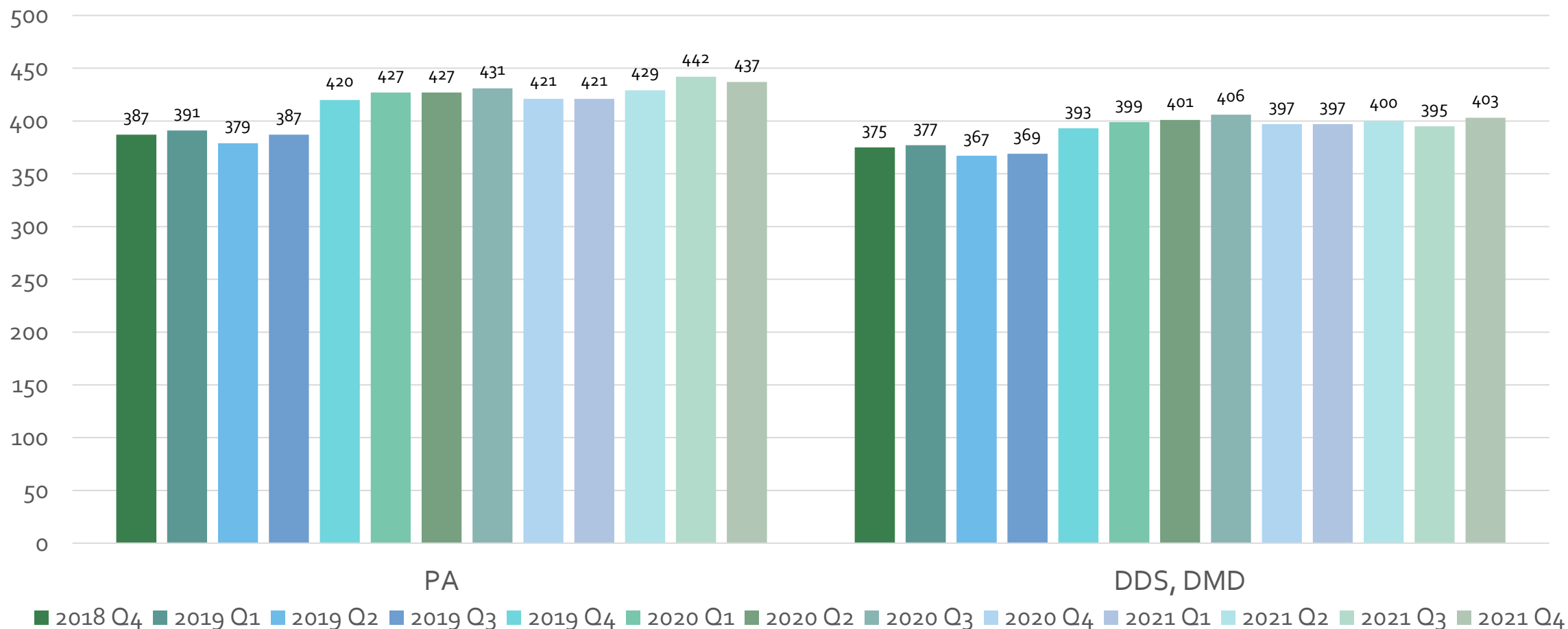


PHARMACISTS ACTIVE ACCOUNTS

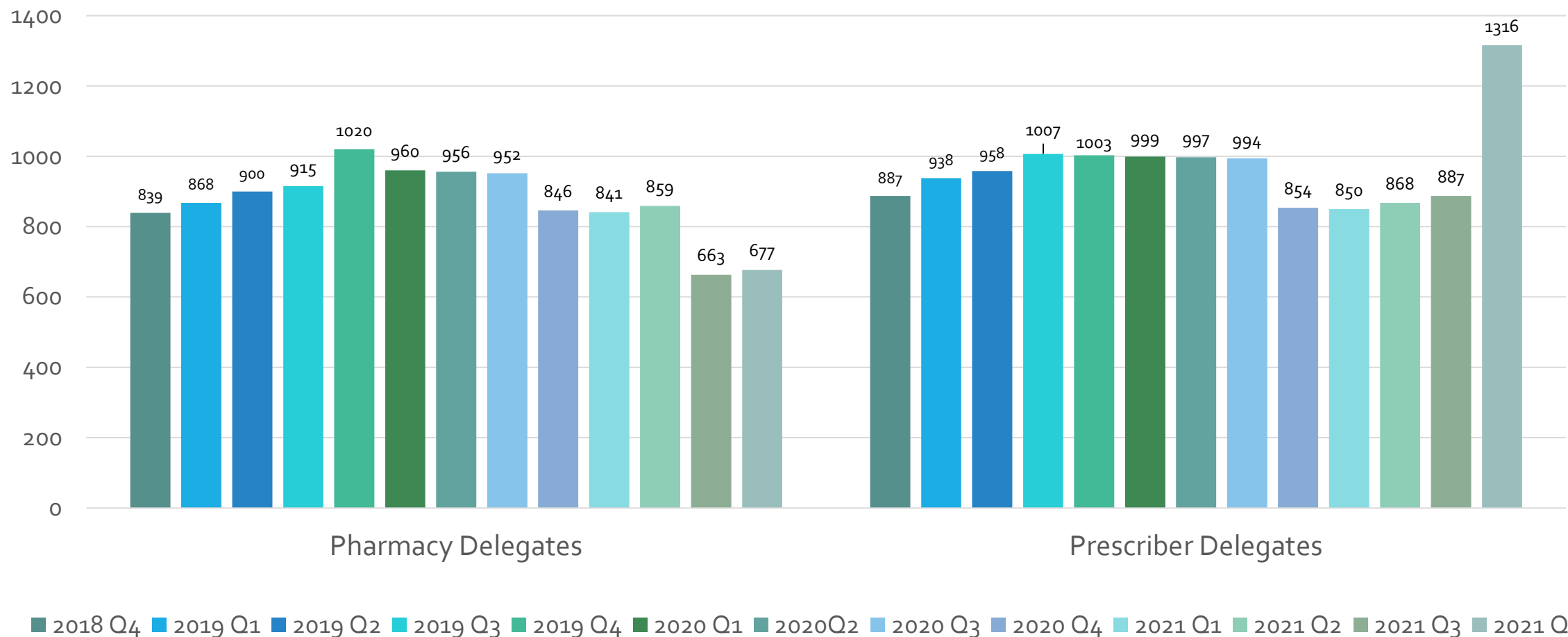


■ 2018 Q4 ■ 2019 Q1 ■ 2019 Q2 ■ 2019 Q3 ■ 2019 Q4 ■ 2020 Q1 ■ 2020 Q2 ■ 2020 Q3 ■ 2020 Q4 ■ 2021 Q1 ■ 2021 Q2 ■ 2021 Q3 ■ 2021 Q4

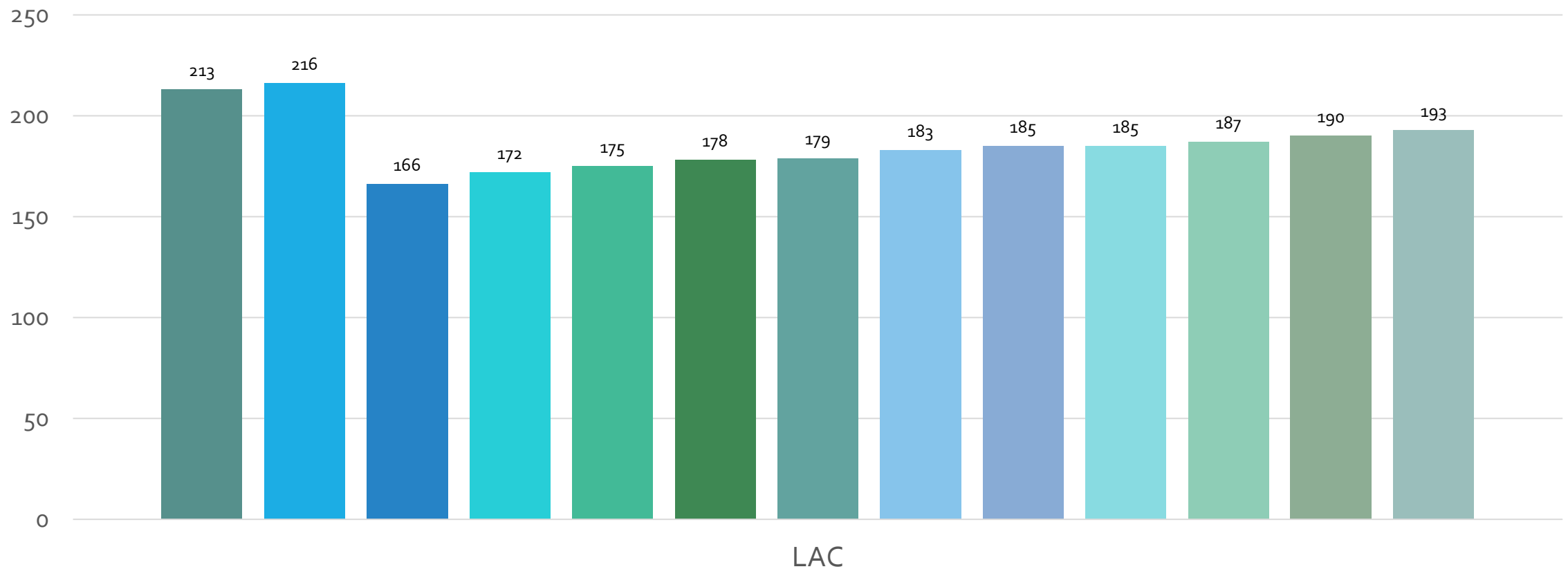
ADVANCED PRACTICE NURSES ACTIVE ACCOUNTS



PHYSICIAN ASSISTANTS AND DENTISTS ACTIVE ACCOUNTS

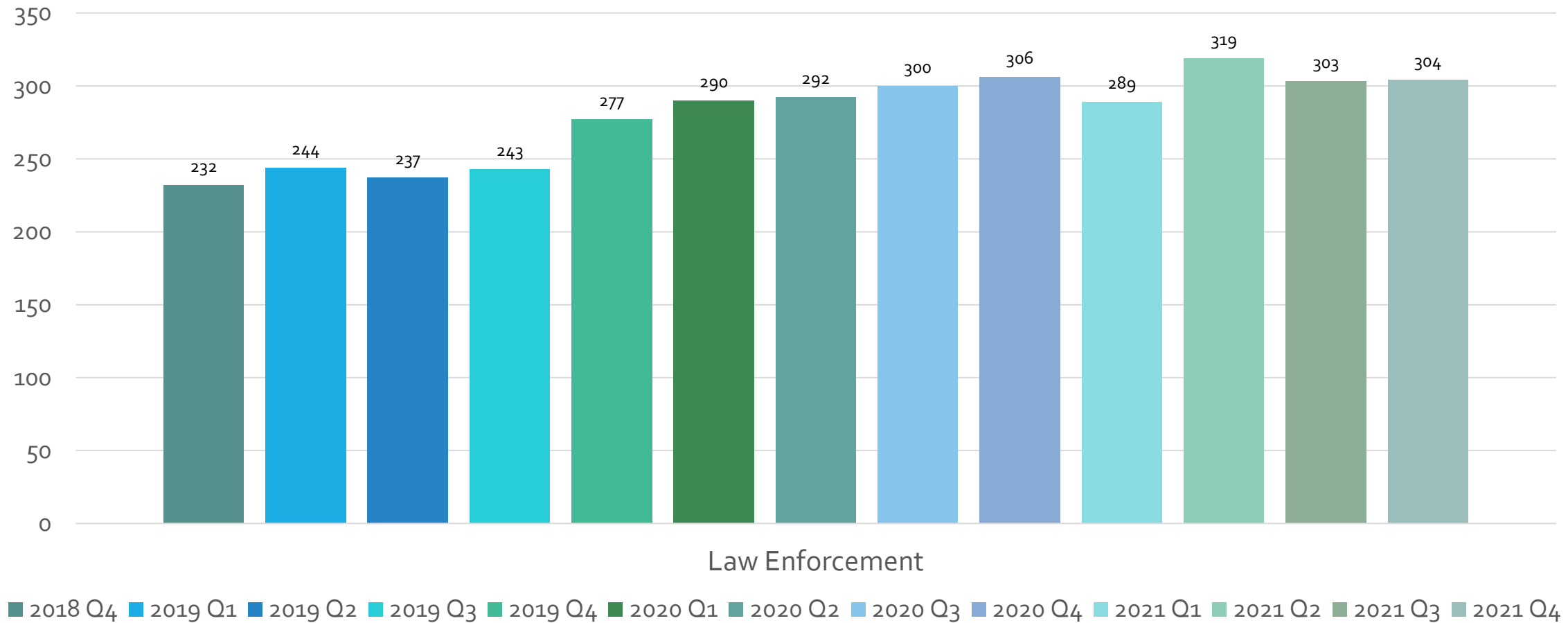


PHARMACY & PRESCRIBER DELEGATES ACTIVE ACCOUNTS



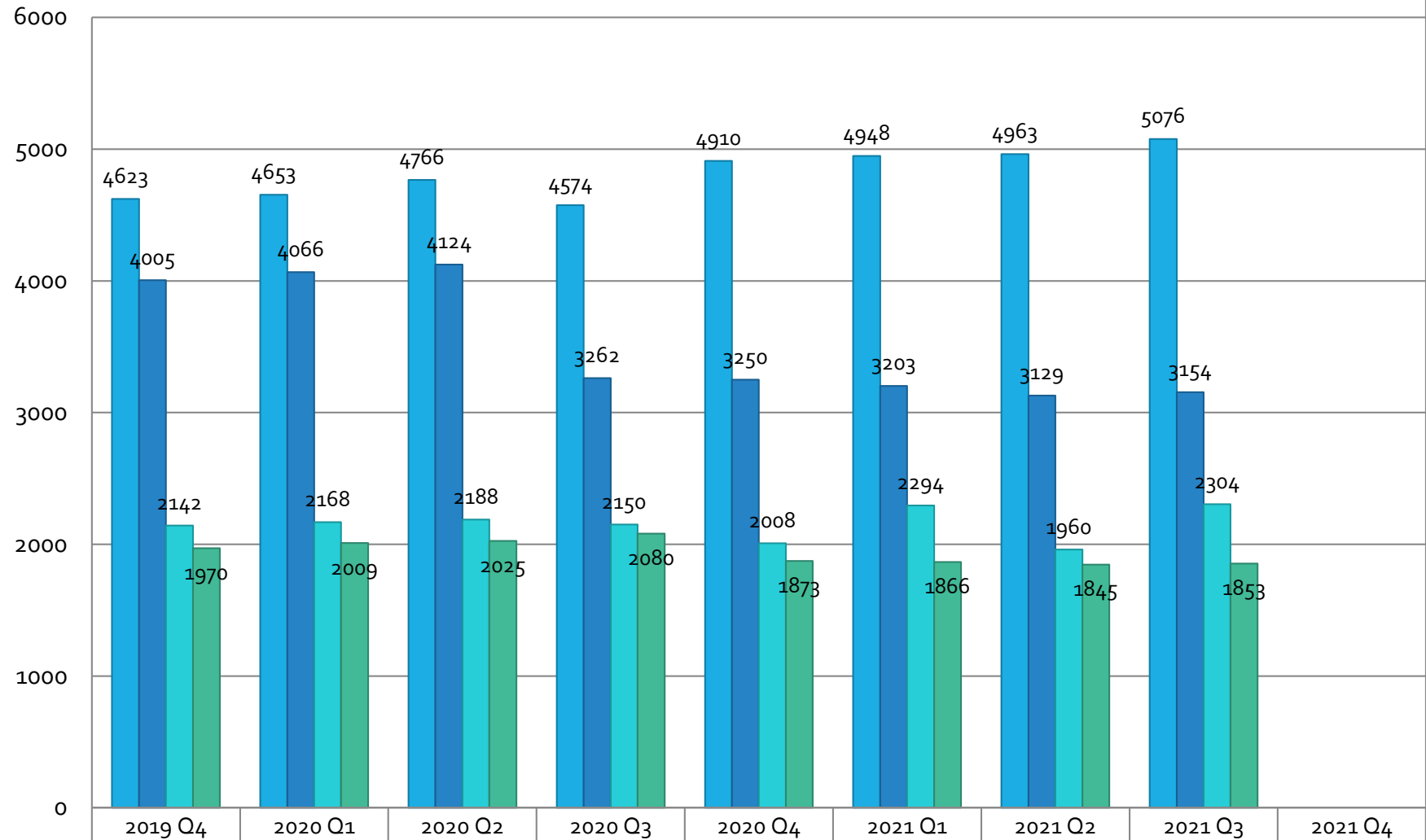
■ 2018 Q4 ■ 2019 Q1 ■ 2019 Q2 ■ 2019 Q3 ■ 2019 Q4 ■ 2020 Q1 ■ 2020 Q2 ■ 2020 Q3 ■ 2020 Q4 ■ 2021 Q1 ■ 2021 Q2 ■ 2021 Q3 ■ 2021 Q4

LICENSED ADDICTION COUNSELORS ACTIVE ACCOUNTS



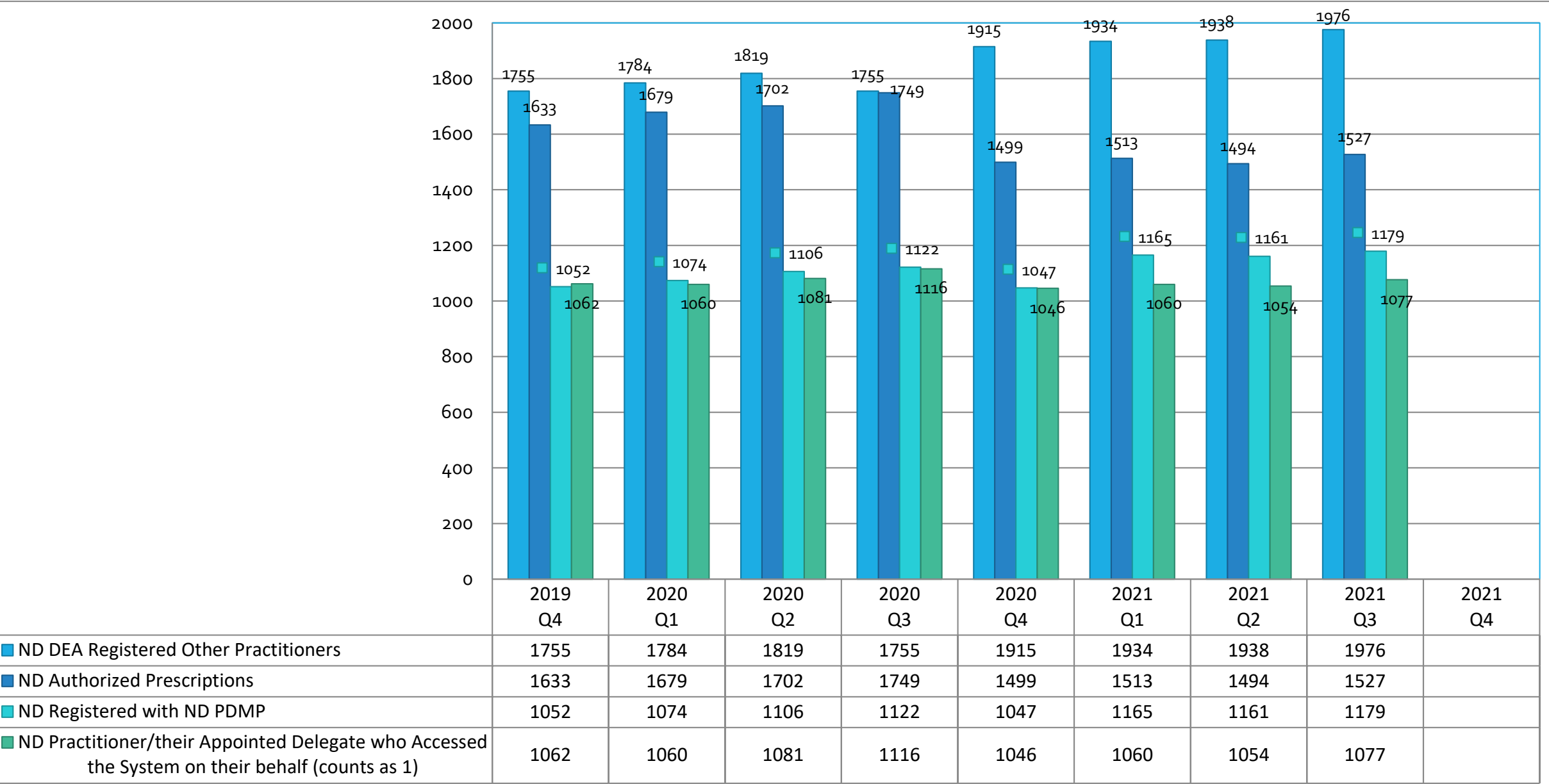
LAW ENFORCEMENT ACTIVE ACCOUNTS

Doctors - Authorization vs. Utilization

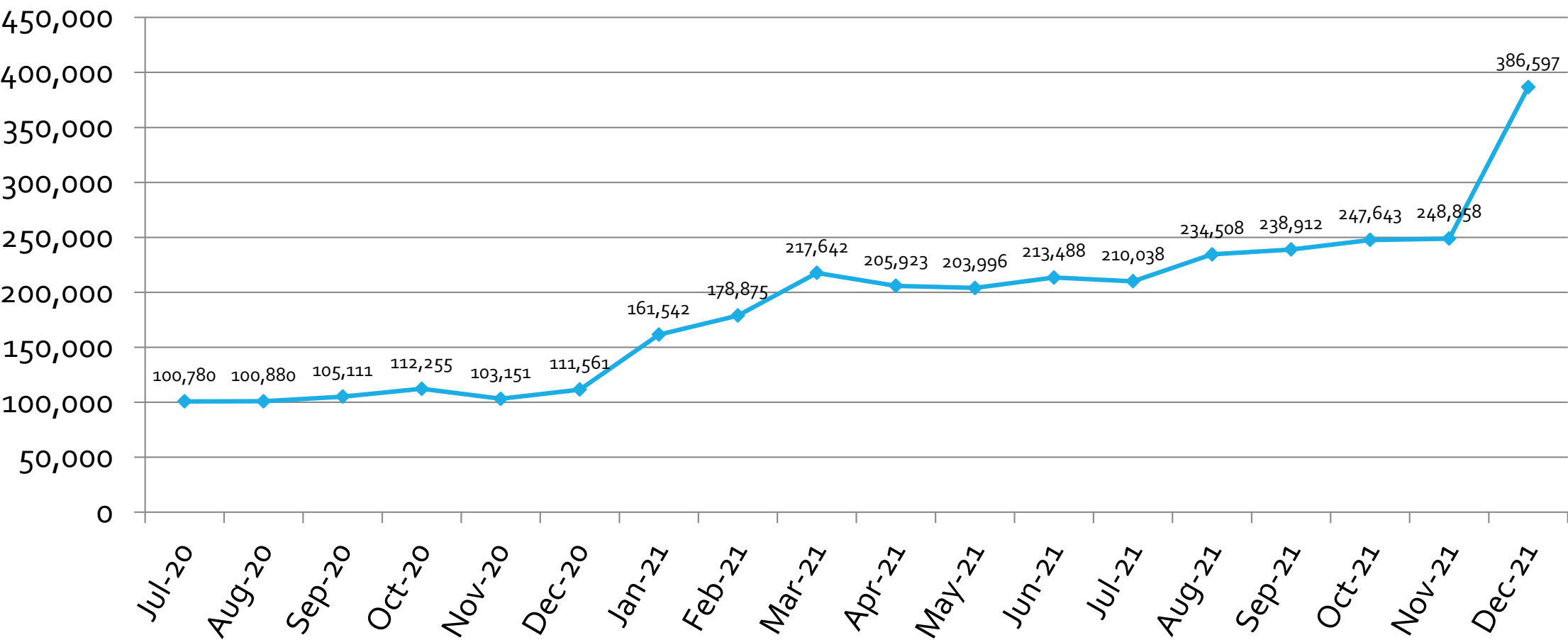


■ ND DEA Registered Doctors	4623	4653	4766	4574	4910	4948	4963	5076	
■ ND Doctors who authorized prescriptions	4005	4066	4124	3262	3250	3203	3129	3154	
■ ND Doctors also registered with ND PDMP	2142	2168	2188	2150	2008	2294	1960	2304	
■ ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	1970	2009	2025	2080	1873	1866	1845	1853	

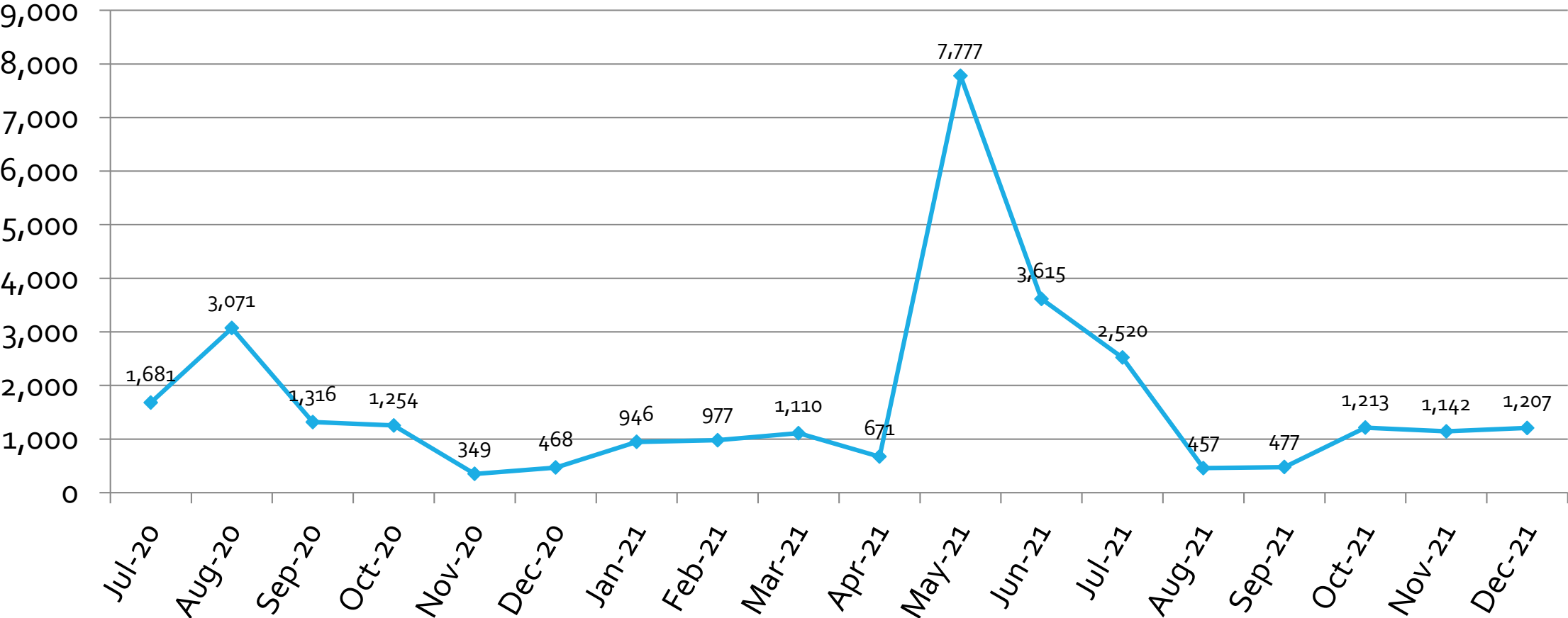
Other Practitioners - Authorization vs. Utilization



ND Gateway Monthly Requests

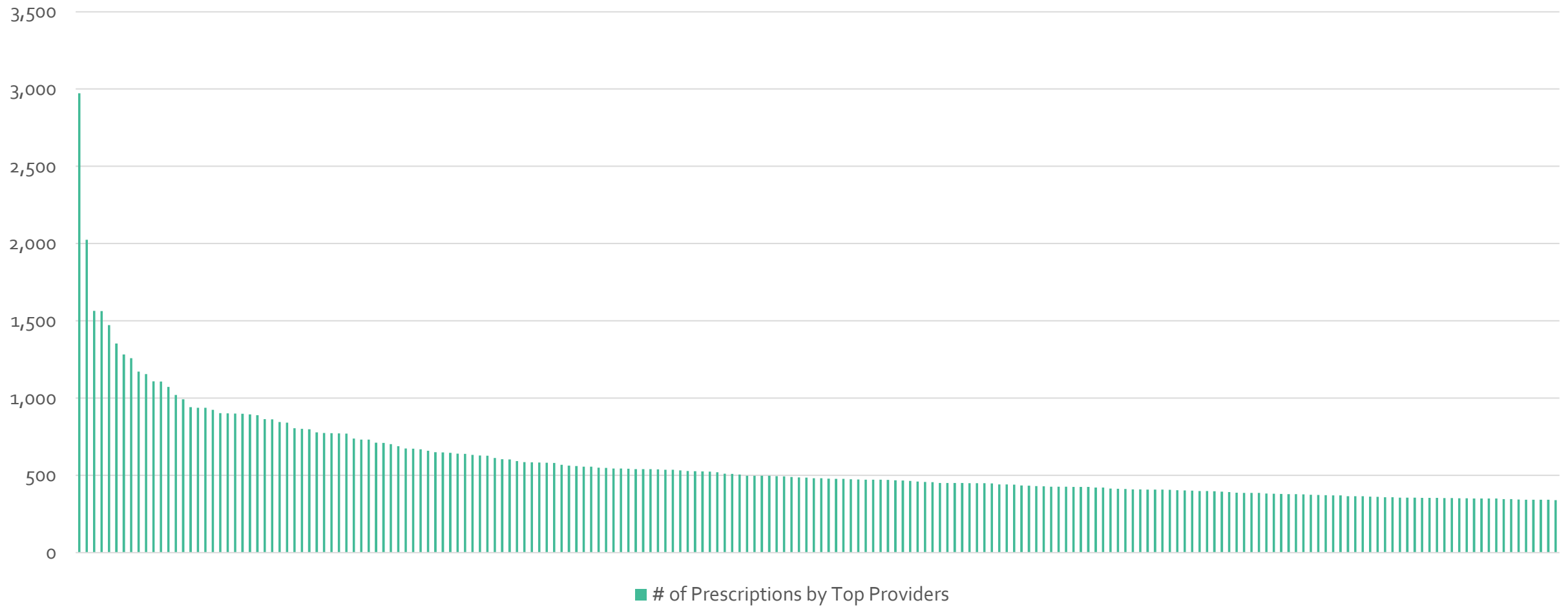


ND Health Information Network Requests

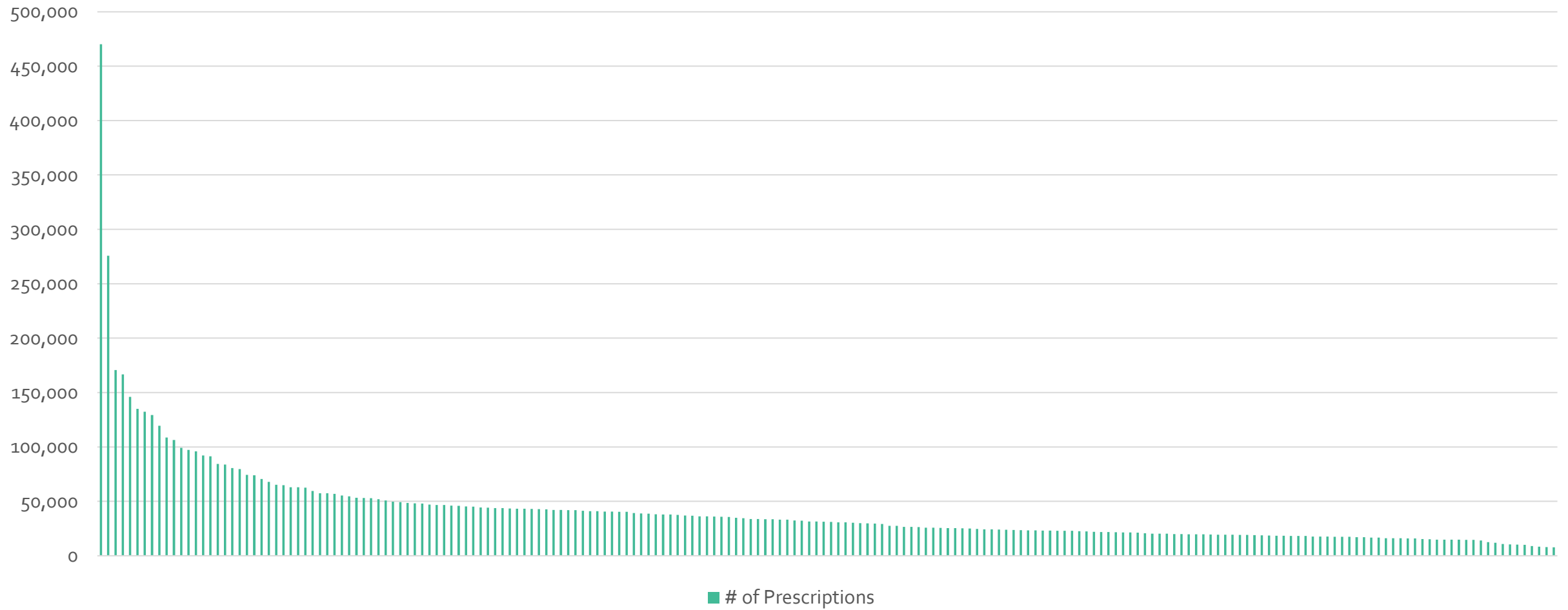


Prescriptions Dispensed by Class

	2018 Q4	2019 Q1	2019 Q2	2019 Q3	2019 Q4	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4
Anesthetic	655	511	558	525	528	399	377	375	408	356	351	339	300
Cannabinoid	210	206	195	167	167	210	150	160	144	129	171	184	133
Narcotic/ Opioids	132,829	126,071	120,582	121,118	121,586	122,044	103,889	114,258	114,039	108,591	113,094	111,760	116,319
Other	48,517	45,894	46,193	47,538	47,801	46,489	44,706	46,866	47,607	45,555	47,138	47,397	47,924
Sedative	101,689	95,393	95,053	96,786	97,130	95,345	89,807	92,203	93,173	89,719	89,719	90,765	90,929
Steroid	2,822	2,528	2,520	2,736	2,762	2,749	2,690	2,700	2,835	2,829	2,969	3,118	3,312
Stimulant	56,553	54,979	53,420	54,666	54,853	58,481	52,224	54,333	57,611	59,052	60,717	62,350	65,936
Blank	109	94	133	150	153	151	119	213	155	140	147	172	201
Total	344,169	326,435	319,416	324,462	325,760	326,679	294,730	311,907	316,777	306,845	314,306	316,085	325,054



TOP 200 PRESCRIBERS BY NUMBER OF PRESCRIPTIONS 2021 QUARTER 4



TOP 200 PRESCRIBERS BY TOTAL QUANTITY 2021 QUARTER 4

Reportable Prescriptions per Patient County

Quarter 4 - 2021

Patient County	Population	Prescription Count	Rx/Population	Quantity	Units/Population
Adams	2,200	819	0.3723	46,515	21.14
Barnes	10,853	4,695	0.4326	276,076	25.44
Benson	5,964	2,199	0.3687	125,634	21.07
Billings	945	154	0.1630	8,856	9.37
Bottineau	6,379	1,957	0.3068	105,699	16.57
Bowman	2,993	831	0.2776	45,779	15.30
Burke	2,201	706	0.3208	48,532	22.05
Burleigh	98,458	32,464	0.3297	1,892,135	19.22
Cass	184,525	59,639	0.3232	3,275,746	17.75
Cavalier	3,704	1,241	0.3350	73,249	19.78
Dickey	4,999	1,900	0.3801	112,497	22.50
Divide	2,195	752	0.3426	55,906	25.47
Dunn	4,095	1,486	0.3629	84,148	20.55
Eddy	2,347	883	0.3762	61,621	26.26
Emmons	3,301	959	0.2905	53,703	16.27
Foster	3,397	1,220	0.3591	69,169	20.36
Golden Valley	1,736	602	0.3468	36,134	20.81
Grand Forks	73,170	24,783	0.3387	1,355,009	18.52

Reportable Prescriptions per Patient County

Quarter 4 - 2021

Patient County	Population	Prescription Count	Rx/Population	Quantity	Units/Population
Grant	2,301	868	0.3772	53,985	23.46
Griggs	2,306	821	0.3560	47,591	20.64
Hettinger	2,489	784	0.3150	47,322	19.01
Kidder	2,394	826	0.3450	52,819	22.06
LaMoure	4,093	1,222	0.2986	71,777	17.54
Logan	1,876	612	0.3262	42,206	22.50
McHenry	5,345	1,995	0.3732	127,886	23.93
McIntosh	2,530	857	0.3387	51,643	20.41
McKenzie	14,704	3,209	0.2182	182,317	12.40
McLean	9,771	3,673	0.3759	236,979	24.25
Mercer	8,350	2,562	0.3068	155,250	18.59
Morton	33,291	11,713	0.3518	725,190	21.78
Mountrail	9,809	3,577	0.3647	210,340	21.44
Nelson	3,015	1,514	0.5022	84,756	28.11
Oliver	1,877	564	0.3005	34,492	18.38
Pembina	6,844	2,797	0.4087	176,253	25.75
Pierce	3,990	1,541	0.3862	92,172	23.10
Ramsey	11,605	4,795	0.4132	268,476	23.13

Reportable Prescriptions per Patient County

Quarter 4 - 2021

Patient County	Population	Prescription Count	Rx/Population	Quantity	Units/Population
Ransom	5,703	2,490	0.4366	133,482	23.41
Renville	2,282	863	0.3782	47,175	20.67
Richland	16,529	5,411	0.3274	320,226	19.37
Rolette	12,187	5,815	0.4771	323,205	26.52
Sargent	3,862	1,376	0.3563	87,190	22.58
Sheridan	1,265	512	0.4047	33,284	26.31
Sioux	3,898	1,171	0.3004	70,513	18.09
Slope	706	122	0.1728	8,775	12.43
Stark	33,646	11,859	0.3525	678,297	20.16
Steele	1,798	555	0.3087	33,652	18.72
Stutsman	21,593	8,953	0.4146	515,440	23.87
Towner	2,162	987	0.4565	60,382	27.93
Traill	7,997	2,988	0.3736	190,030	23.76
Walsh	10,563	4,709	0.4458	270,276	25.59
Ward	69,919	21,065	0.3013	1,199,960	17.16
Wells	3,982	1,661	0.4171	97,012	24.36
Williams	40,950	11,909	0.2908	675,019	16.48
Grand Total	779,094	263,666	0.3384	15,131,782	19.42

Opioid Prescriptions per Patient County

Quarter 4 - 2021

Patient County	Population	Prescription Count	Rx/ Population	Quantity	Units/ Population
Adams	2,200	297	0.1350	16,288	7.40
Barnes	10,853	1,372	0.1264	67,747	6.24
Benson	5,964	1,042	0.1747	50,915	8.54
Billings	945	66	0.0698	2,903	3.07
Bottineau	6,379	664	0.1041	26,543	4.16
Bowman	2,993	245	0.0819	13,985	4.67
Burke	2,201	257	0.1168	15,843	7.20
Burleigh	98,458	11,048	0.1122	551,646	5.60
Cass	184,525	15,109	0.0819	591,147	3.20
Cavalier	3,704	387	0.1045	20,039	5.41
Dickey	4,999	636	0.1272	33,160	6.63
Divide	2,195	302	0.1376	21,180	9.65
Dunn	4,095	628	0.1534	34,121	8.33
Eddy	2,347	306	0.1304	19,953	8.50
Emmons	3,301	439	0.1330	19,741	5.98
Foster	3,397	429	0.1263	24,570	7.23
Golden Valley	1,736	187	0.1077	12,288	7.08
Grand Forks	73,170	7,898	0.1079	367,421	5.02

Opioid Prescriptions per Patient County

Quarter 4 - 2021

Patient County	Population	Prescription Count	Rx/ Population	Quantity	Units/ Population
Grant	2,301	377	0.1638	23,391	10.17
Griggs	2,306	224	0.0971	10,832	4.70
Hettinger	2,489	283	0.1137	18,075	7.26
Kidder	2,394	279	0.1165	14,776	6.17
LaMoure	4,093	391	0.0955	17,838	4.36
Logan	1,876	214	0.1141	10,252	5.46
McHenry	5,345	691	0.1293	35,889	6.71
McIntosh	2,530	270	0.1067	12,908	5.10
McKenzie	14,704	1,060	0.0721	51,469	3.50
McLean	9,771	1,420	0.1453	80,021	8.19
Mercer	8,350	975	0.1168	56,936	6.82
Morton	33,291	4,265	0.1281	219,515	6.59
Mountrail	9,809	1,324	0.1350	70,196	7.16
Nelson	3,015	504	0.1672	25,672	8.51
Oliver	1,877	228	0.1215	13,782	7.34
Pembina	6,844	869	0.1270	47,263	6.91
Pierce	3,990	512	0.1283	26,190	6.56
Ramsey	11,605	1,824	0.1572	91,861	7.92

Opioid Prescriptions per Patient County

Quarter 4 - 2021

Patient County	Population	Prescription Count	Rx/ Population	Quantity	Units/ Population
Ransom	5,703	773	0.1355	30,520	5.35
Renville	2,282	239	0.1047	9,817	4.30
Richland	16,529	1,436	0.0869	63,473	3.84
Rolette	12,187	2,116	0.1736	122,107	10.02
Sargent	3,862	453	0.1173	22,518	5.83
Sheridan	1,265	198	0.1565	12,036	9.51
Sioux	3,898	590	0.1514	31,898	8.18
Slope	706	50	0.0708	3,015	4.27
Stark	33,646	4,391	0.1305	218,975	6.51
Steele	1,798	183	0.1018	7,791	4.33
Stutsman	21,593	2,882	0.1335	130,690	6.05
Towner	2,162	399	0.1846	21,971	10.16
Traill	7,997	796	0.0995	35,651	4.46
Walsh	10,563	1,538	0.1456	82,893	7.85
Ward	69,919	5,988	0.0856	285,676	4.09
Wells	3,982	570	0.1431	27,999	7.03
Williams	40,950	3,996	0.0976	221,847	5.42
Grand Total	779,094	83,620	0.1073	4,045,230	5.19

PMP InterConnect

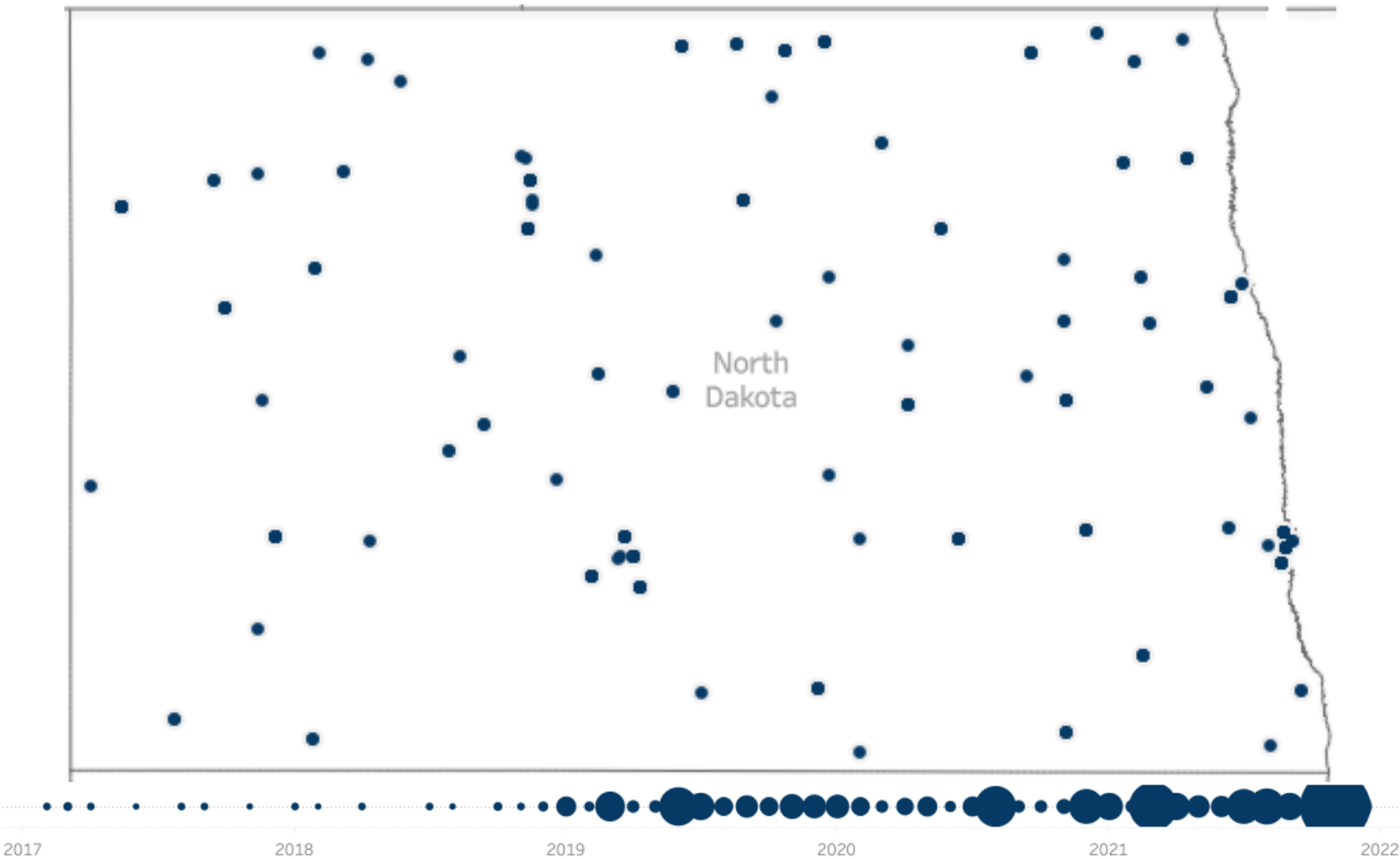
PMP InterConnect and PMP Gateway are tools being used by PDMPs across the US to combat drug diversion and drug abuse nationwide.

PMP InterConnect, the only national network of Prescription Drug Monitoring Programs (PDMPs), is a secure data-sharing hub that breaks down siloes and enables the sharing of PDMP data across state lines, providing clinicians and pharmacists with a more complete patient history upon which to make decisions. This capability is critical for physicians and pharmacists to more easily identify patients who may be obtaining prescription medications for any purpose other than the treatment of an existing medical condition, including for purposes of abuse, misuse or diversion, especially if those patients are crossing state lines to obtain drugs. PMP InterConnect, as of December 2021, connects 52 of the 54 PDMPs in the US, facilitating more than 890 million responses every month. PMP InterConnect was developed in 2011 at the request and direction of the National Association of Boards of Pharmacy (NABP) and a group of state PDMP directors. It is governed by its 52 PDMP members.

Find more information at <https://pdmpworks.org>

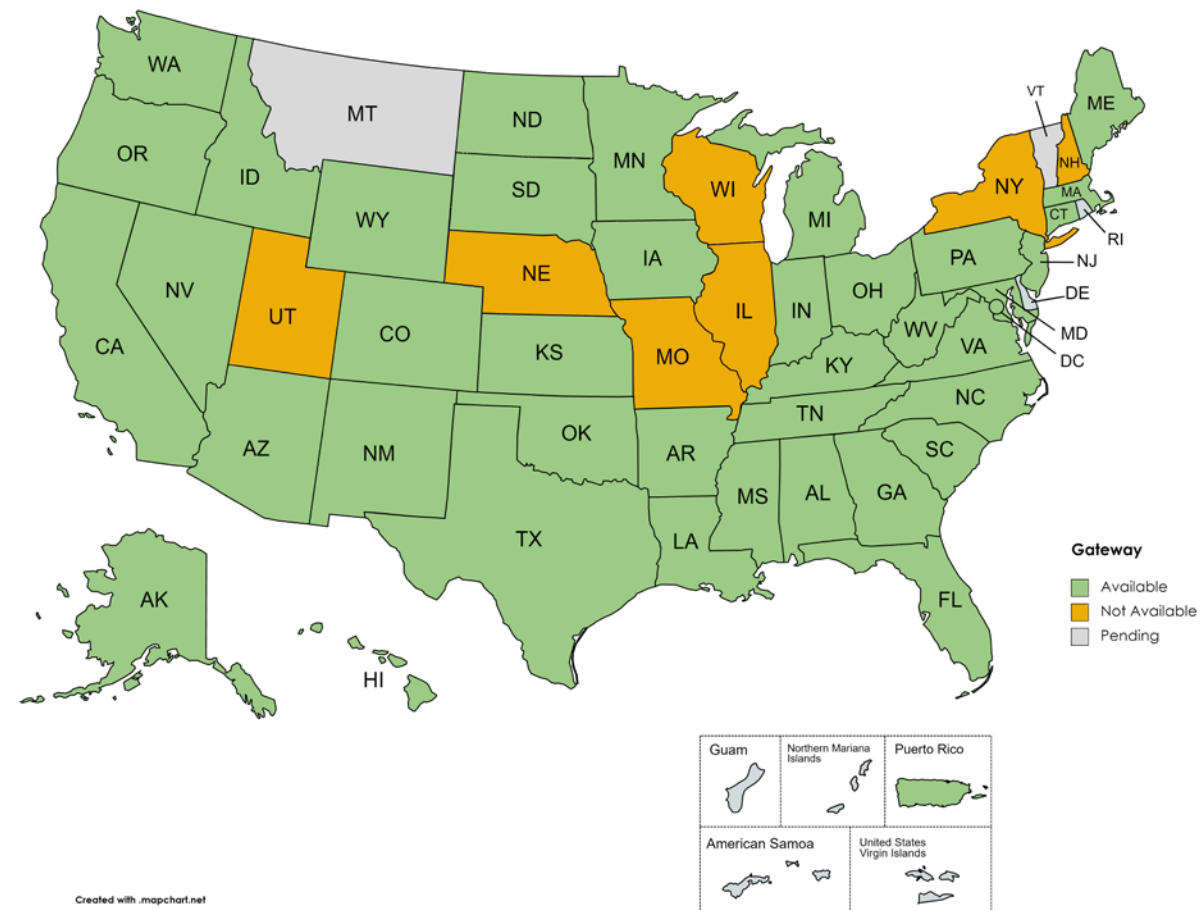
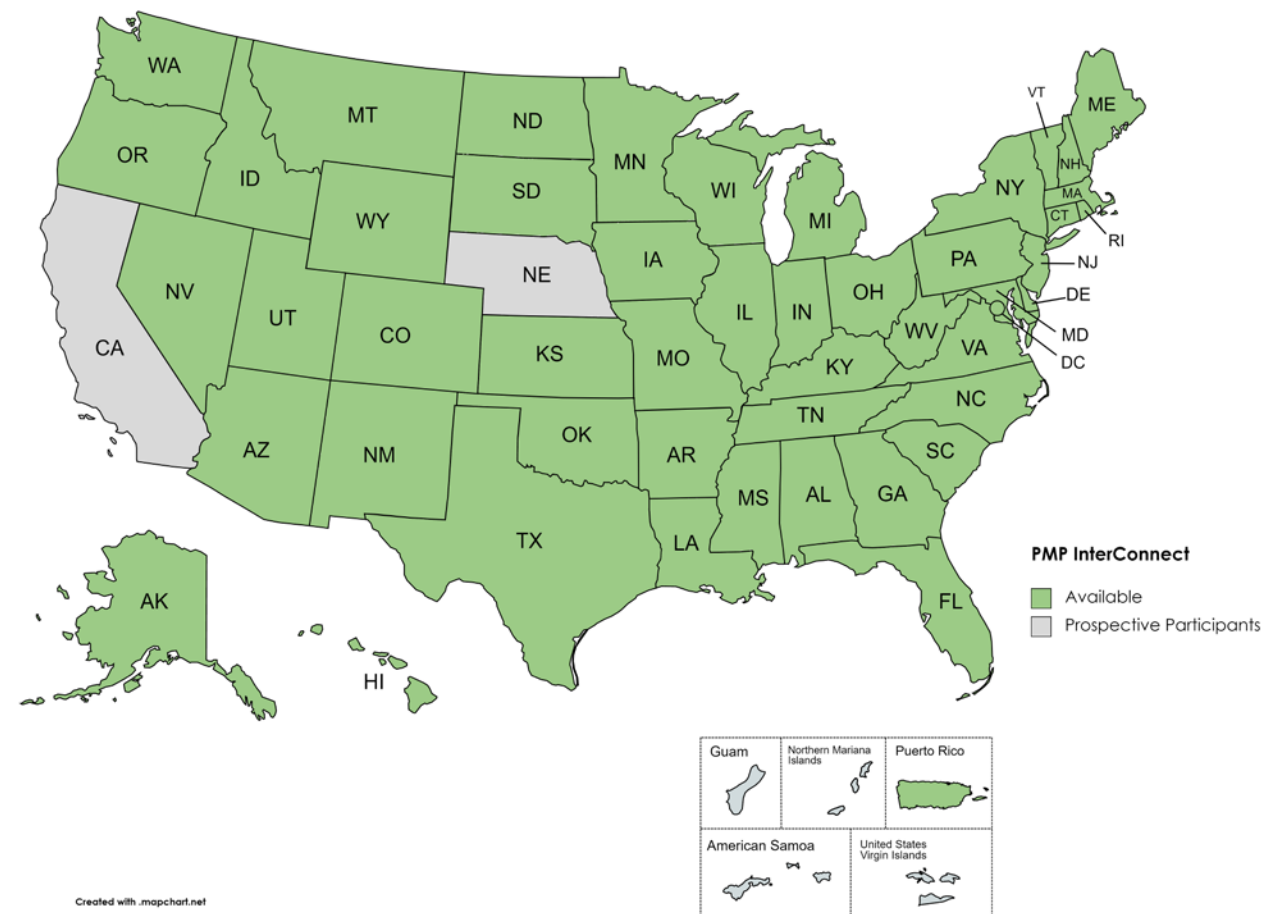


Gateway Facilities



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. More than 1M prescribers and pharmacists at over 145,000 facilities in 43 States are using PMP Gateway service in 106 million patient encounters per month.

Find more facts at <https://pdmpworks.org>



PDMP Interstate Sharing Hub, PMP Interconnect

- 400 million transactions per month
- Supports 52 of 54 U.S. PDMPs
- The Military Health System elects to participate (2020)
- 247% increase in usage year after year

PDMP Clinical Workflow Integration, Gateway

- 1 billion patient encounters annually
- Connecting 123,000 facilities and 970,000 pharmacists and physicians nationwide
- 1 in 3 prescribers use PMP Gateway integration
- 179% lift in usage year after year

ND's PMPi Hub Connection Status

