

Prescription Drug Monitoring Program Facts, Figures, and Trends 3rd Quarter 2022

North Dakota Board of Pharmacy
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Number of PMP AWARE Users per Month

2022

January	February	March	April	May	June	July	August	September	October	November	December
9609	9668	9735	9775	9818	9859	9897	9985	10035			
241	211	241	216	236	216	Coming	Soon	...			
1417	1460	1430	1358	1358	1322						

2021

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

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

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

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

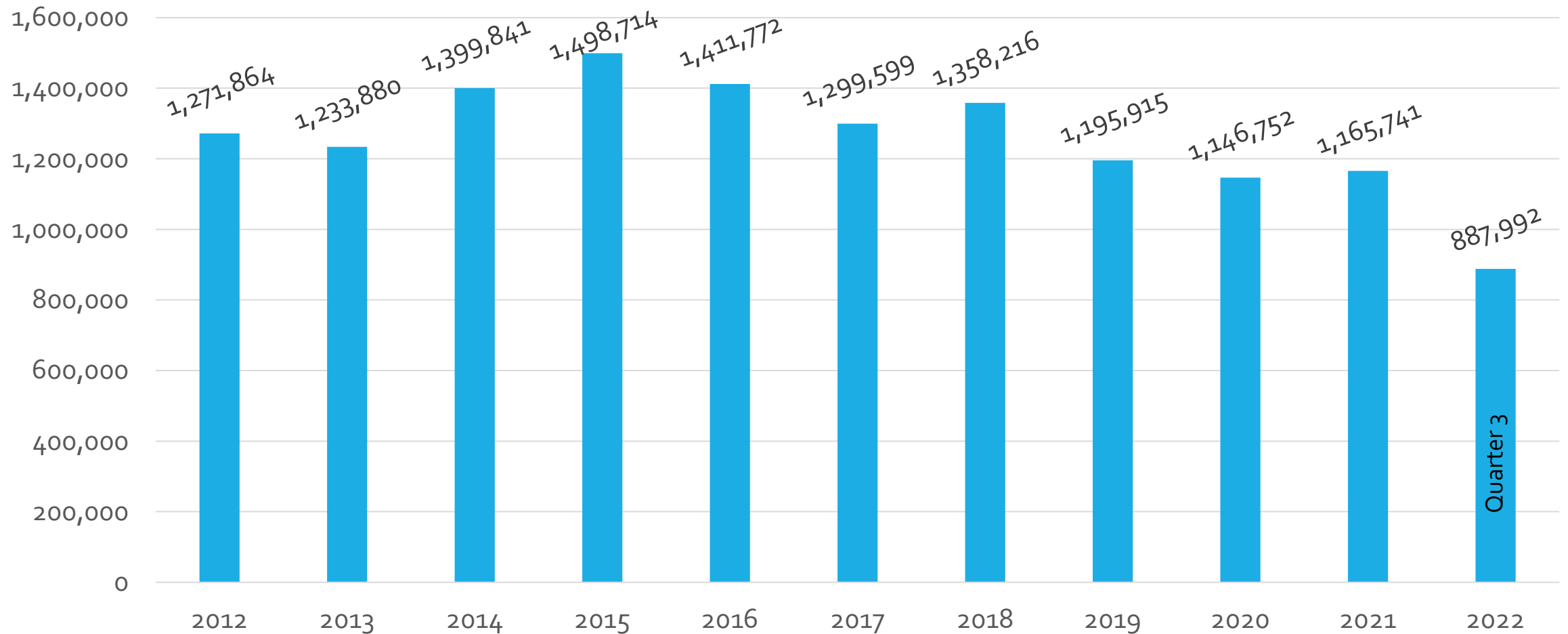
Chart Legend

Total Users

Avg. Daily Active Users

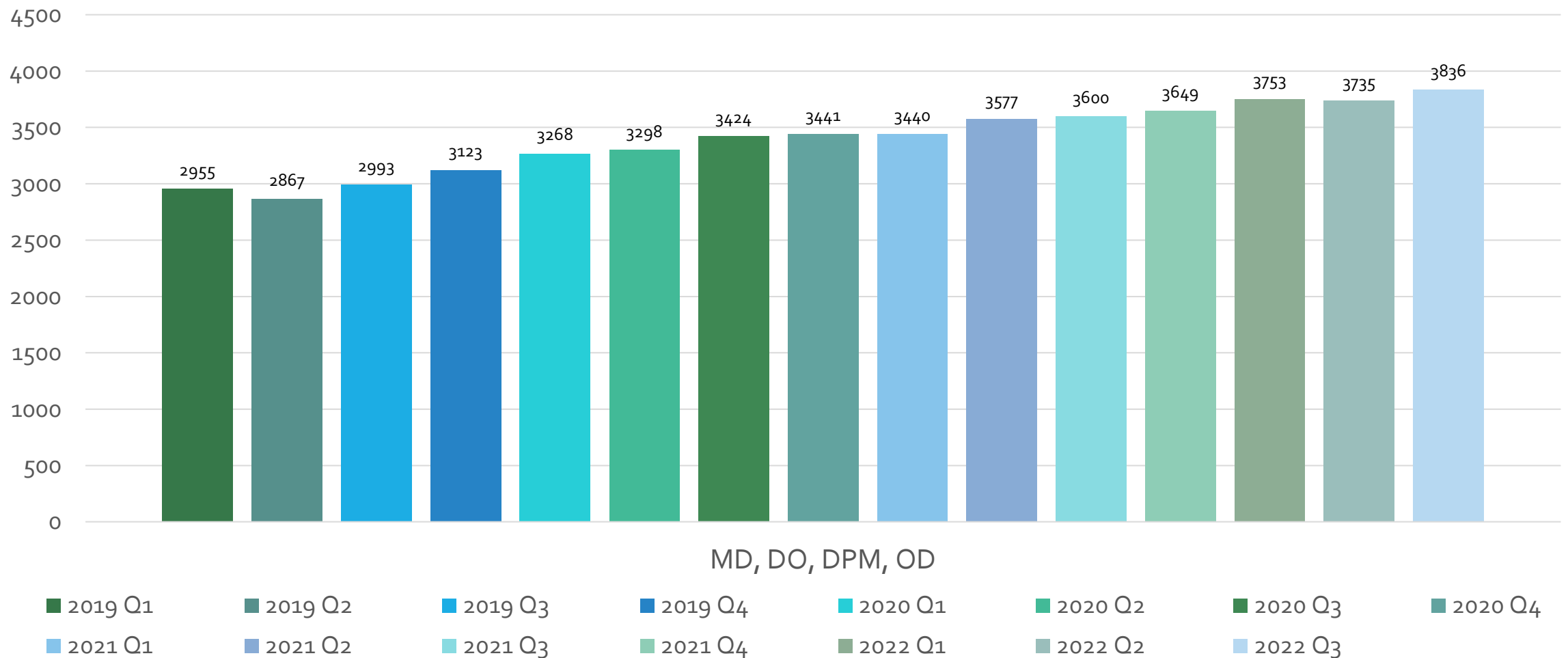
Monthly Active Users

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

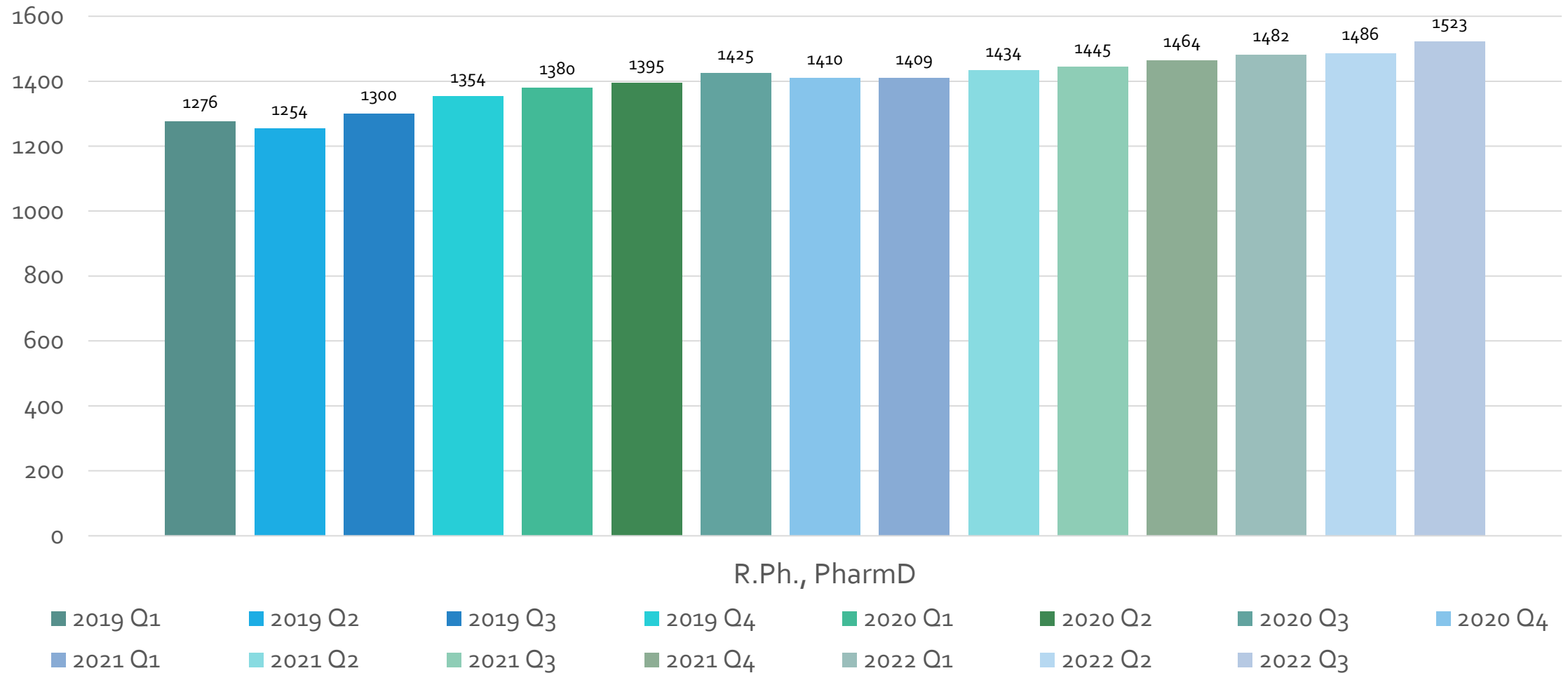


*Gabapentin reporting started on August 1st, 2017; 2018 was the first full year of gabapentin collection.

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



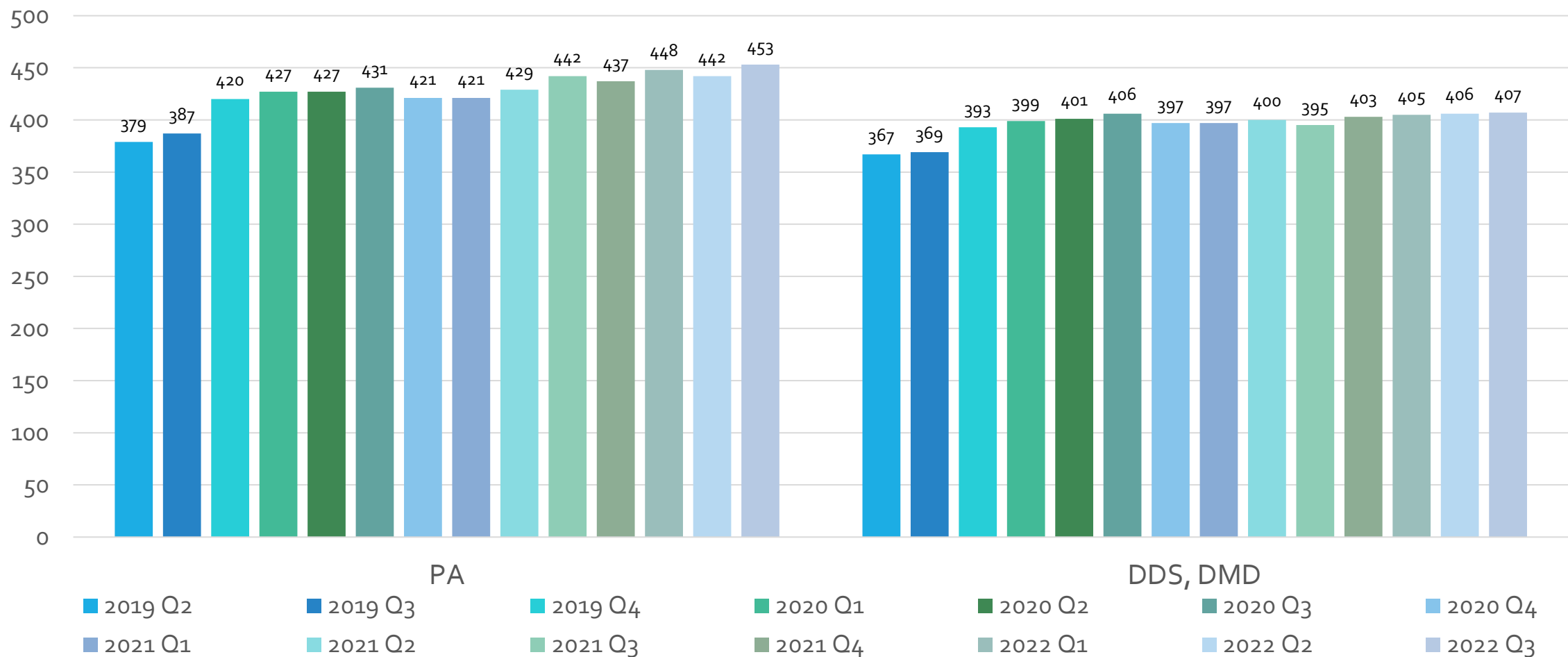
MEDICAL DOCTORS ACTIVE ACCOUNTS



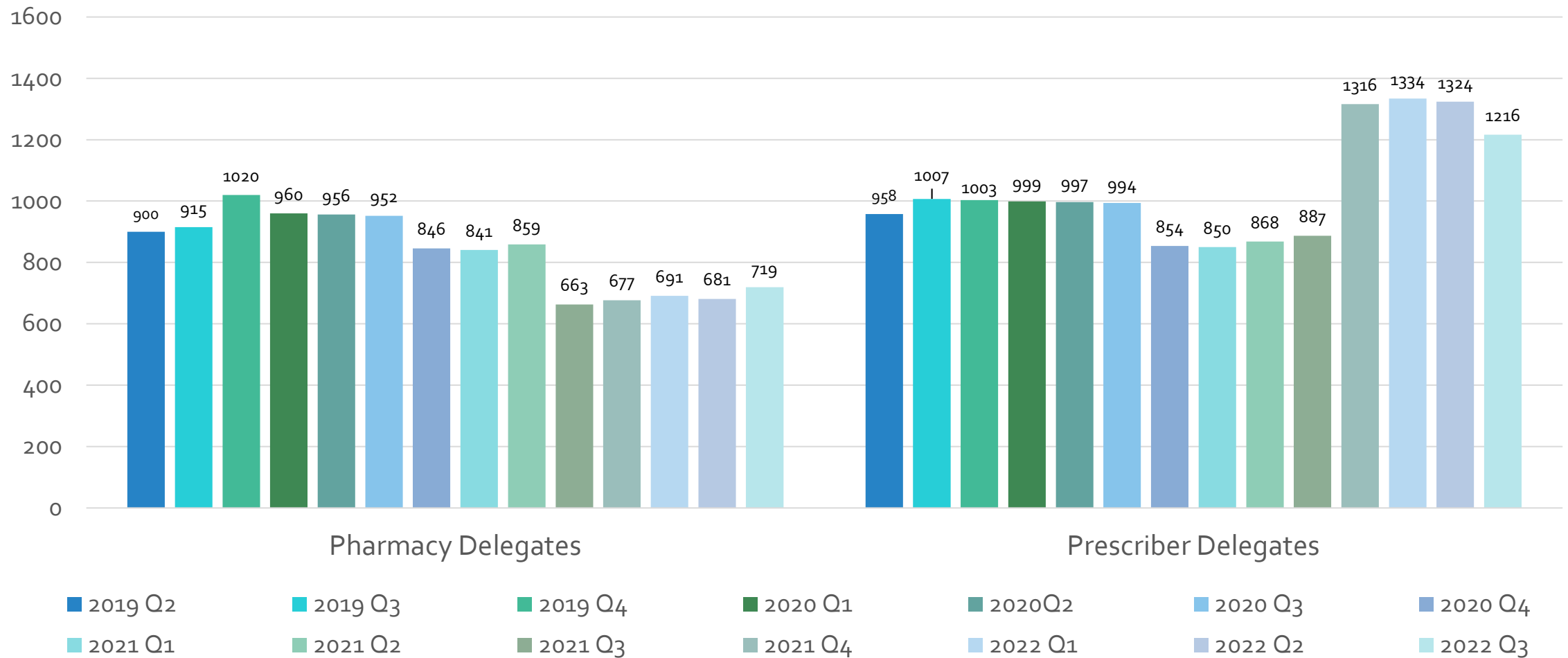
PHARMACISTS ACTIVE ACCOUNTS



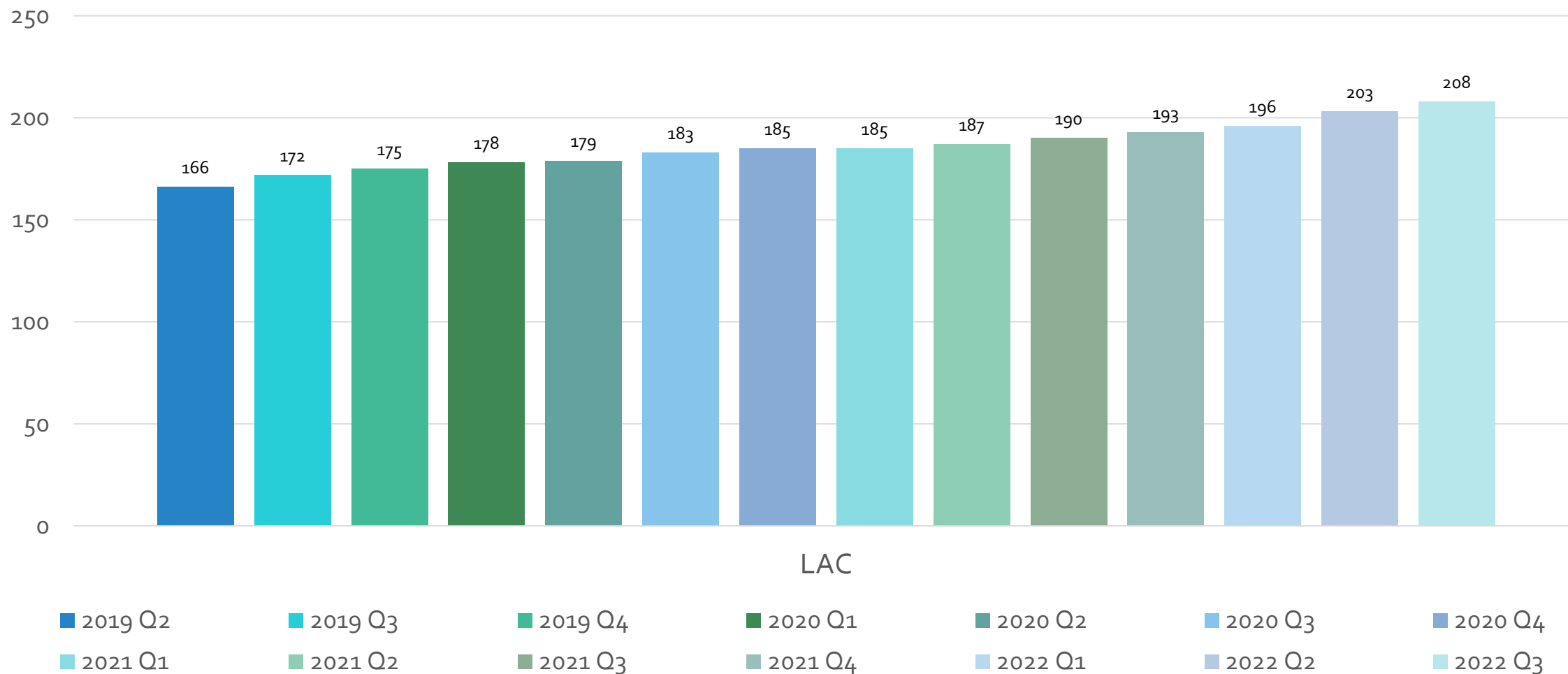
ADVANCED PRACTICE NURSES ACTIVE ACCOUNTS



PHYSICIAN ASSISTANTS AND DENTISTS ACTIVE ACCOUNTS



PHARMACY & PRESCRIBER DELEGATES ACTIVE ACCOUNTS

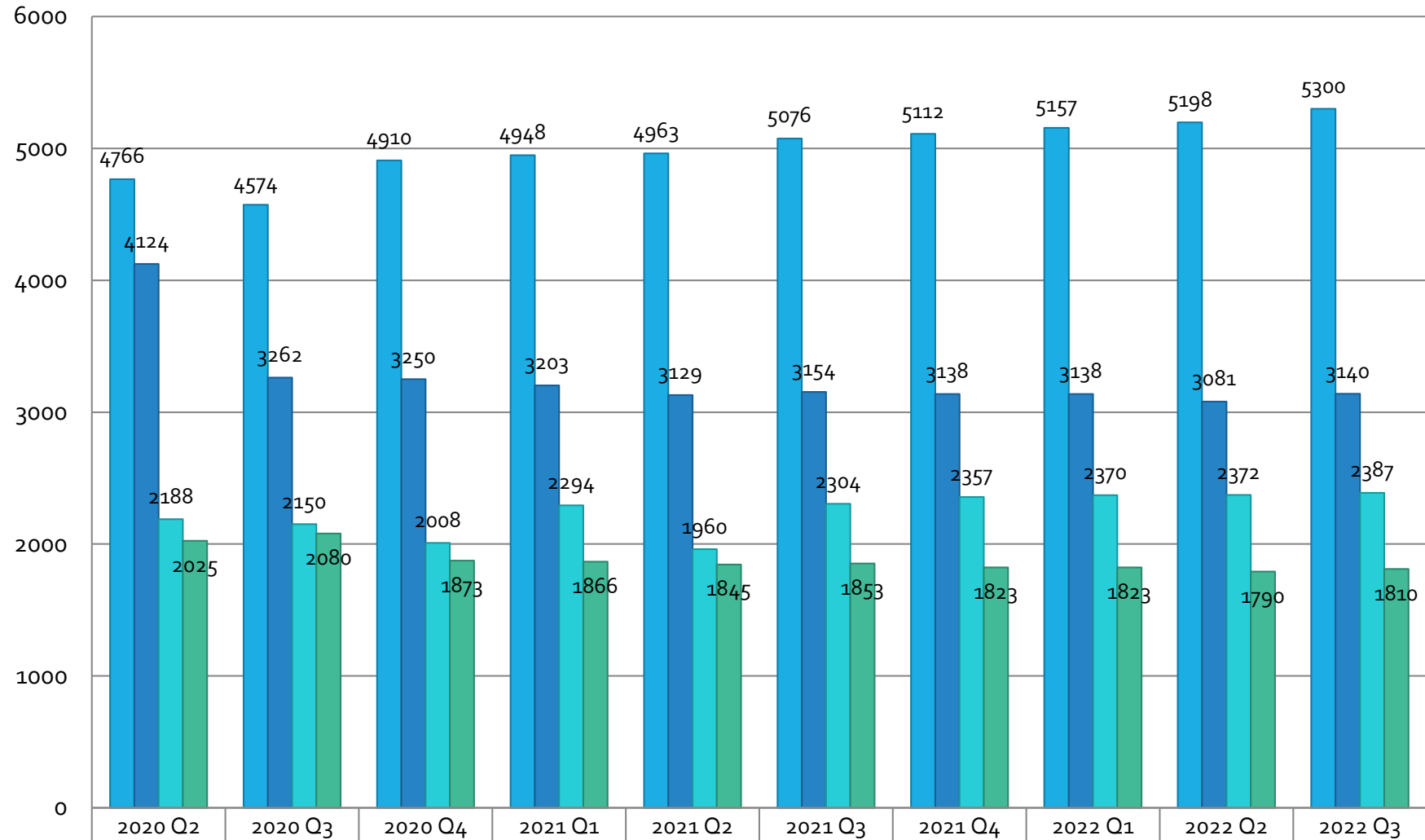


LICENSED ADDICTION COUNSELORS ACTIVE ACCOUNTS



LAW ENFORCEMENT ACTIVE ACCOUNTS

Doctors - Authorization vs. Utilization

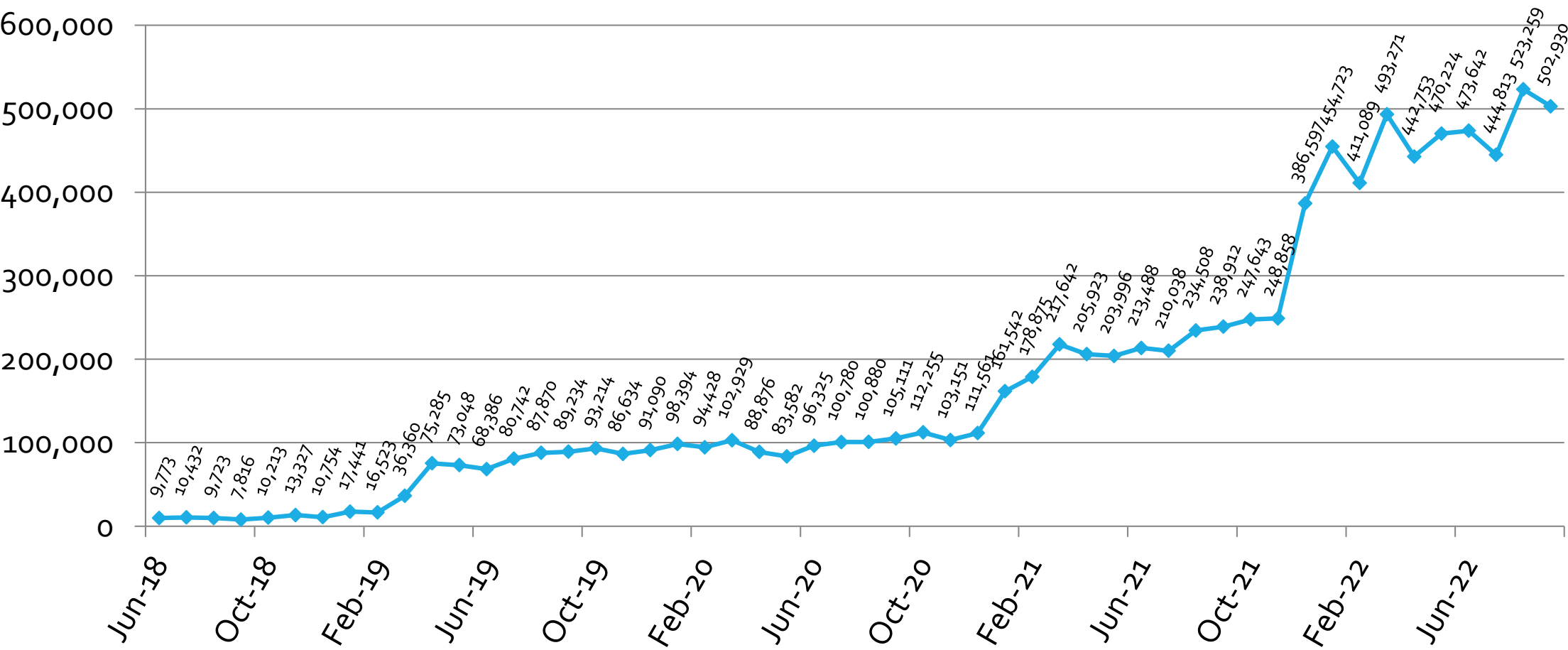


ND DEA Registered Doctors	4766	4574	4910	4948	4963	5076	5112	5157	5198	5300
ND Doctors who authorized prescriptions	4124	3262	3250	3203	3129	3154	3138	3138	3081	3140
ND Doctors also registered with ND PDMP	2188	2150	2008	2294	1960	2304	2357	2370	2372	2387
ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	2025	2080	1873	1866	1845	1853	1823	1823	1790	1810

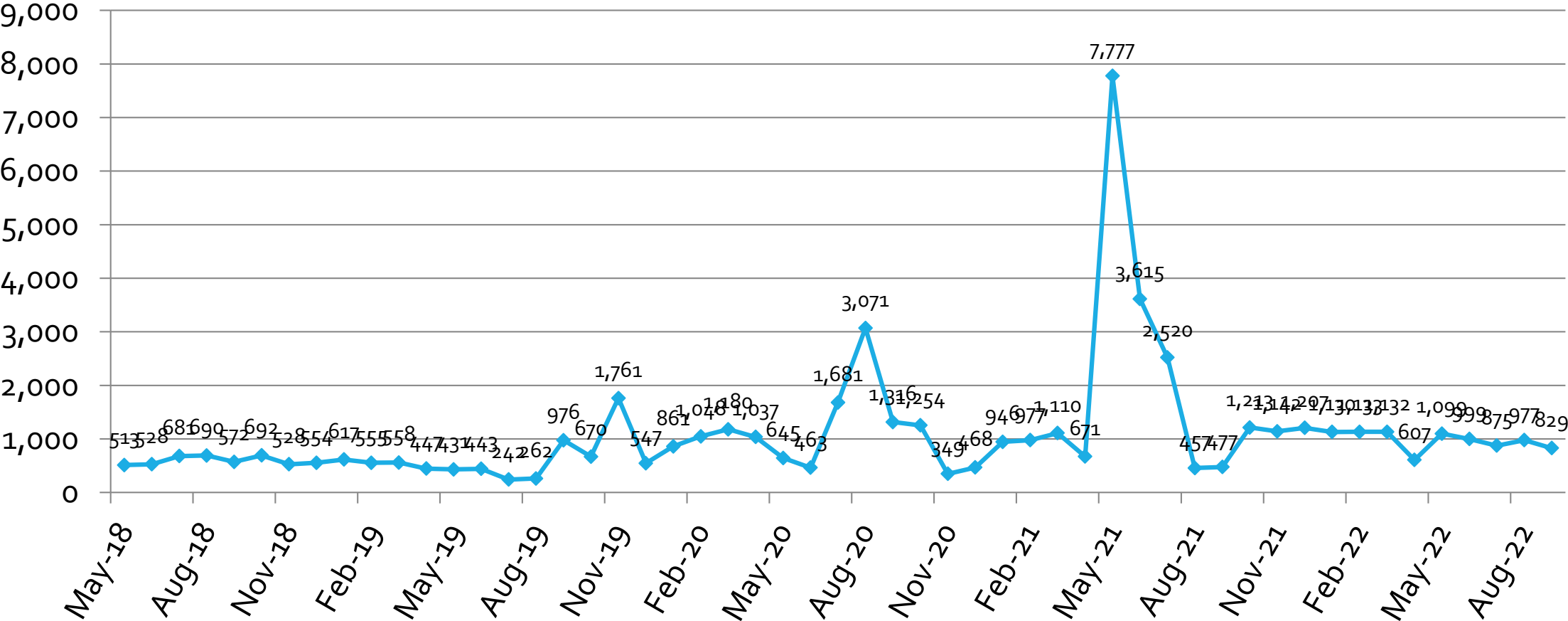
Other Practitioners - Authorization vs. Utilization



ND Gateway Monthly Requests



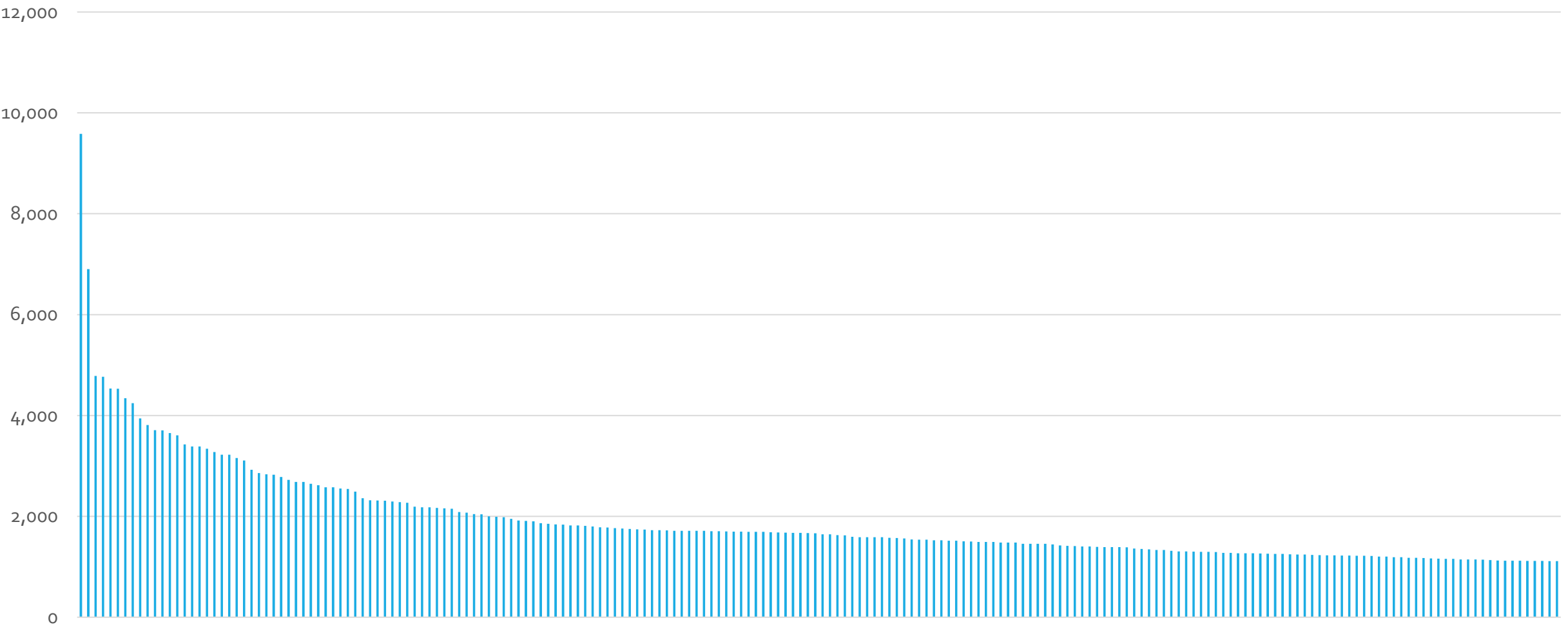
ND Health Information Network Requests



Prescriptions Dispensed by Class

	2019 Q3	2019 Q4	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3
Anesthetic	525	528	399	377	375	408	356	351	339	300	271	283	356
Cannabinoid	167	167	210	150	160	144	129	171	184	133	139	190	129
Narcotic/ Opioids	121,118	121,586	122,044	103,889	114,258	114,039	108,591	113,094	111,760	116,319	111,085	110,425	109,155
Other	47,538	47,801	46,489	44,706	46,866	47,607	45,555	47,138	47,397	47,924	45,938	40,445	46,033
Sedative	96,786	97,130	95,345	89,807	92,203	93,173	89,719	89,719	90,765	90,929	89,194	97,260	90,502
Steroid	2,736	2,762	2,749	2,690	2,700	2,835	2,829	2,969	3,118	3,312	3,279	3,523	2,841
Stimulant	54,666	54,853	58,481	52,224	54,333	57,611	59,052	60,717	62,350	65,936	67,644	70,232	59,331
Blank	150	153	151	119	213	155	140	147	172	201	208	207	140
Total	324,462	325,760	326,679	294,730	311,907	316,777	306,845	314,306	316,085	325,054	317,782	322,565	308,960

Number of Prescriptions by Top Prescribers



TOP 200 PRESCRIBERS BY NUMBER OF
PRESCRIPTIONS 2022 QUARTER 1

Reportable Prescriptions per Patient County

Quarter 3 - 2022

Patient County	2022 Population	Prescription Count	Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count per Patient	AVG Quantity Per Patient
Adams	2,167	815	0.38	49,423	22.81	263	3.10	187.92
Barnes	10,806	4,714	0.44	267,005	24.71	1,582	2.98	168.78
Benson	5,809	2,461	0.42	131,354	22.61	804	3.06	163.38
Billings	955	166	0.17	10,791	11.30	82	2.02	131.60
Bottineau	6,390	2,017	0.32	113,787	17.81	809	2.49	140.65
Bowman	2,903	840	0.29	44,210	15.23	313	2.68	141.25
Burke	2,158	654	0.30	47,667	22.09	243	2.69	196.16
Burleigh	98,933	33,848	0.34	1,943,638	19.65	12,766	2.65	152.25
Cass	186,562	60,409	0.32	3,278,968	17.58	22,513	2.68	145.65
Cavalier	3,662	1,260	0.34	73,698	20.13	496	2.54	148.58
Dickey	4,897	1,882	0.38	108,100	22.07	634	2.97	170.50
Divide	2,188	703	0.32	51,096	23.35	262	2.68	195.02
Dunn	4,035	1,537	0.38	85,722	21.24	574	2.68	149.34
Eddy	2,337	878	0.38	57,721	24.70	308	2.85	187.41
Emmons	3,271	961	0.29	54,449	16.65	355	2.71	153.38
Foster	3,364	1,240	0.37	73,898	21.97	468	2.65	157.90
Golden Valley	1,770	590	0.33	36,540	20.64	220	2.68	166.09
Grand Forks	72,705	25,850	0.36	1,400,005	19.26	8,738	2.96	160.22

Reportable Prescriptions per Patient County

Quarter 3 - 2022

Patient County	2022 Population	Prescription Count	Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count per Patient	AVG Quantity Per Patient
Grant	2,323	878	0.38	53,578	23.06	297	2.96	180.40
Griggs	2,281	866	0.38	46,550	20.41	334	2.59	139.37
Hettinger	2,430	863	0.36	53,695	22.10	303	2.85	177.21
Kidder	2,369	791	0.33	47,932	20.23	318	2.49	150.73
LaMoure	4,066	1,244	0.31	69,715	17.15	509	2.44	136.96
Logan	1,883	585	0.31	38,790	20.60	230	2.54	168.65
McHenry	5,249	665	0.13	122,289	23.30	762	0.87	160.48
McIntosh	2,513	952	0.38	53,209	21.17	366	2.60	145.38
McKenzie	13,819	3,384	0.24	190,507	13.79	1,348	2.51	141.33
McLean	9,796	3,810	0.39	243,102	24.82	1,432	2.66	169.76
Mercer	8,323	2,574	0.31	156,636	18.82	1,013	2.54	154.63
Morton	33,611	12,163	0.36	715,038	21.27	4,574	2.66	156.33
Mountrail	9,576	3,630	0.38	209,403	21.87	1,286	2.82	162.83
Nelson	3,054	1,310	0.43	70,002	22.92	451	2.90	155.22
Oliver	1,873	582	0.31	36,892	19.70	208	2.80	177.37
Pembina	6,767	2,859	0.42	183,367	27.10	1,039	2.75	176.48
Pierce	3,953	1,648	0.42	93,747	23.72	555	2.97	168.91
Ramsey	11,572	4,997	0.43	281,259	24.31	1,607	3.11	175.02

Reportable Prescriptions per Patient County

Quarter 3 - 2022

Patient County	2022 Population	Prescription Count	Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count per Patient	AVG Quantity Per Patient
Ransom	5,675	2,439	0.43	137,707	24.27	795	3.07	173.22
Renville	2,266	886	0.39	47,890	21.13	331	2.68	144.68
Richland	16,560	5,304	0.32	314,346	18.98	2,063	2.57	152.37
Rolette	12,048	6,018	0.50	338,745	28.12	2,081	2.89	162.78
Sargent	3,829	1,431	0.37	90,695	23.69	554	2.58	163.71
Sheridan	1,268	524	0.41	34,764	27.42	197	2.66	176.47
Sioux	3,738	1,288	0.34	77,992	20.86	428	3.01	182.22
Slope	690	123	0.18	8,946	12.97	50	2.46	178.92
Stark	33,046	11,670	0.35	650,045	19.67	4,107	2.84	158.28
Steele	1,810	580	0.32	36,616	20.23	245	2.37	149.45
Stutsman	21,576	8,945	0.41	513,001	23.78	3,123	2.86	164.27
Towner	2,140	1,024	0.48	61,380	28.68	343	2.99	178.95
Traill	8,003	2,961	0.37	193,059	24.12	1,127	2.63	171.30
Walsh	10,469	4,856	0.46	274,003	26.17	1,634	2.97	167.69
Ward	69,071	20,723	0.30	1,159,965	16.79	8,266	2.51	140.33
Wells	3,905	1,707	0.44	98,013	25.10	653	2.61	150.10
Williams	38,484	12,485	0.32	705,354	18.33	4,622	2.70	152.61
Totals/AVGs	774,948	267,590	0.36	15,236,304	21.33	98,681	2.69	161.90

Opioid Prescriptions per ND Patient County

Quarter 3 - 2022

Patient County	2022 Population	Opioid Prescription Count	Opioid Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count per Patient	AVG Quantity Per Patient
Adams	2,167	287	0.13	16,400	7.57	113	2.54	145.13
Barnes	10,806	1,484	0.14	68,325	6.32	633	2.34	107.94
Benson	5,809	1,191	0.21	54,101	9.31	458	2.60	118.12
Billings	955	68	0.07	3,884	4.07	39	1.74	99.59
Bottineau	6,390	674	0.11	27,251	4.26	349	1.93	78.08
Bowman	2,903	256	0.09	14,121	4.86	132	1.94	106.98
Burke	2,158	242	0.11	16,325	7.56	111	2.18	147.07
Burleigh	98,933	11,758	0.12	589,500	5.96	5,382	2.18	109.53
Cass	186,562	15,285	0.08	610,627	3.27	7,406	2.06	82.45
Cavalier	3,662	428	0.12	20,944	5.72	199	2.15	105.25
Dickey	4,897	596	0.12	32,049	6.54	255	2.34	125.68
Divide	2,188	270	0.12	19,228	8.79	118	2.29	162.95
Dunn	4,035	640	0.16	35,754	8.86	292	2.19	122.45
Eddy	2,337	316	0.14	20,215	8.65	138	2.29	146.49
Emmons	3,271	417	0.13	19,251	5.89	180	2.32	106.95
Foster	3,364	412	0.12	23,794	7.07	182	2.26	130.74
Golden Valley	1,770	192	0.11	13,938	7.87	98	1.96	142.22
Grand Forks	72,705	8,537	0.12	394,027	5.42	3,663	2.33	107.57

Opioid Prescriptions per ND Patient County

Quarter 3 - 2022

Patient County	2022 Population	Opioid Prescription Count	Opioid Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count per Patient	AVG Quantity Per Patient
Grant	2,323	391	0.17	24,259	10.44	158	2.47	153.54
Griggs	2,281	224	0.10	9,831	4.31	121	1.85	81.25
Hettinger	2,430	333	0.14	19,053	7.84	152	2.19	125.35
Kidder	2,369	280	0.12	15,075	6.36	139	2.01	108.45
LaMoure	4,066	429	0.11	17,538	4.31	220	1.95	79.72
Logan	1,883	184	0.10	8,837	4.69	93	1.98	95.02
McHenry	5,249	681	0.13	34,960	6.66	323	2.11	108.24
McIntosh	2,513	309	0.12	13,743	5.47	159	1.94	86.43
McKenzie	13,819	1,057	0.08	53,883	3.90	509	2.08	105.86
McLean	9,796	1,456	0.15	83,372	8.51	646	2.25	129.06
Mercer	8,323	923	0.11	58,957	7.08	430	2.15	137.11
Morton	33,611	4,646	0.14	229,683	6.83	2,101	2.21	109.32
Mountrail	9,576	1,389	0.15	72,943	7.62	602	2.31	121.17
Nelson	3,054	463	0.15	22,750	7.45	211	2.19	107.82
Oliver	1,873	229	0.12	13,968	7.46	102	2.25	136.94
Pembina	6,767	912	0.13	53,506	7.91	434	2.10	123.29
Pierce	3,953	604	0.15	28,547	7.22	254	2.38	112.39
Ramsey	11,572	1,958	0.17	100,243	8.66	756	2.59	132.60

Opioid Prescriptions per ND Patient County

Quarter 3 - 2022

Patient County	2022 Population	Opioid Prescription Count	Opioid Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count per Patient	AVG Quantity Per Patient
Ransom	5,675	684	0.12	30,046	5.29	299	2.29	100.49
Renville	2,266	269	0.12	11,639	5.14	128	2.10	90.93
Richland	16,560	1,513	0.09	69,052	4.17	738	2.05	93.57
Rolette	12,048	2,230	0.19	128,029	10.63	1,044	2.14	122.63
Sargent	3,829	499	0.13	24,443	6.38	220	2.27	111.10
Sheridan	1,268	208	0.16	12,657	9.98	87	2.39	145.48
Sioux	3,738	622	0.17	37,586	10.06	239	2.60	157.26
Slope	690	40	0.06	2,560	3.71	24	1.67	106.67
Stark	33,046	4,332	0.13	221,137	6.69	1,883	2.30	117.44
Steele	1,810	185	0.10	7,402	4.09	98	1.89	75.53
Stutsman	21,576	2,873	0.13	129,710	6.01	1,246	2.31	104.10
Towner	2,140	425	0.20	23,238	10.86	170	2.50	136.69
Traill	8,003	819	0.10	42,095	5.26	369	2.22	114.08
Walsh	10,469	1,661	0.16	88,617	8.46	730	2.28	121.39
Ward	69,071	6,048	0.09	292,036	4.23	3,139	1.93	93.03
Wells	3,905	599	0.15	30,038	7.69	270	2.22	111.25
Williams	38,484	4,233	0.11	242,547	6.30	1,915	2.21	126.66
Totals/AVGs	774,948	86,761	0.13	4,233,714	6.71	39,757	2.19	115.60

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 June 2022, connects 53 of the 54 PDMPs in the US, facilitating more than 11.6 billion transactions in the last 12 months. 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 53 PDMP members.

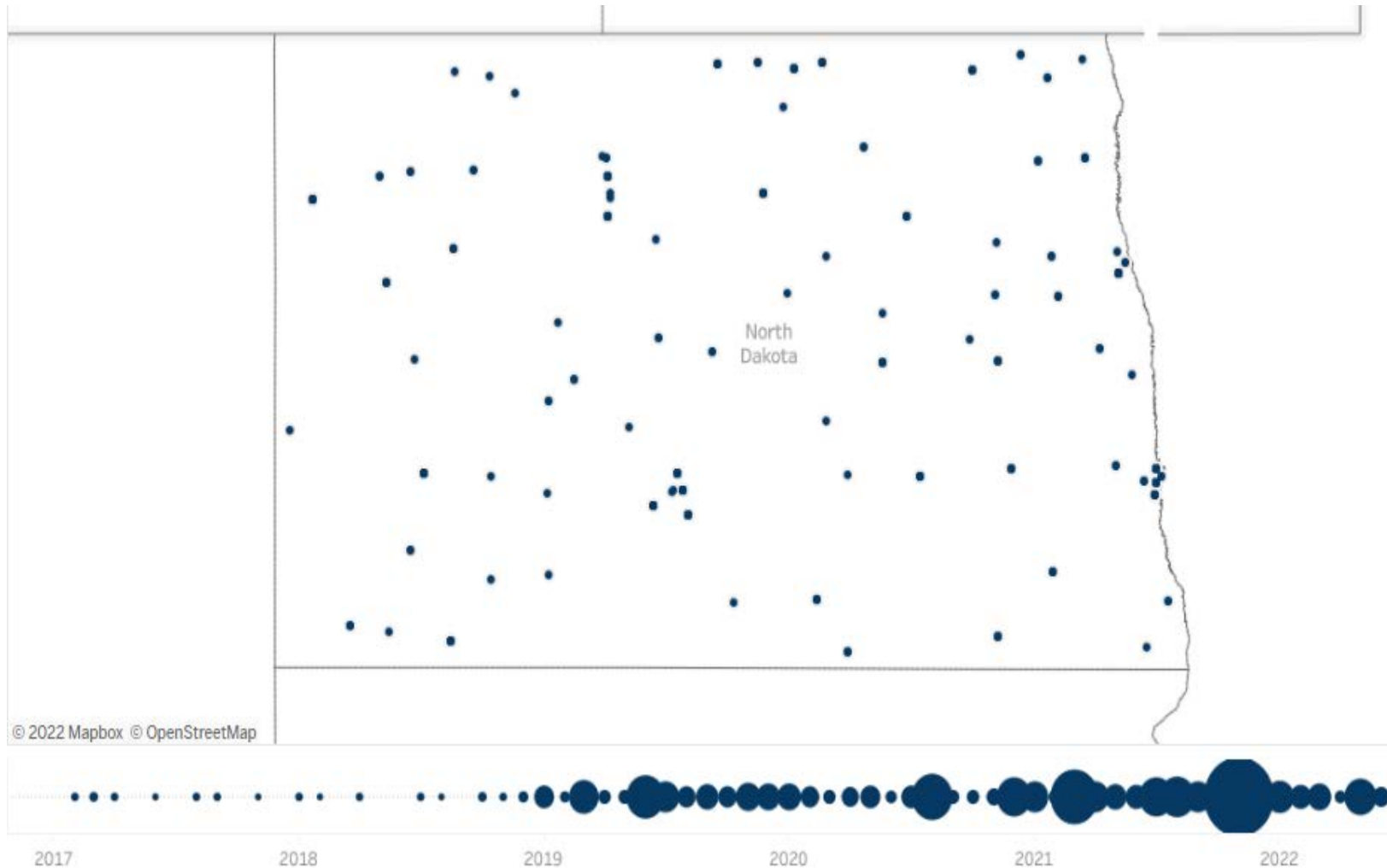
Find more information at <https://pdmpworks.org>

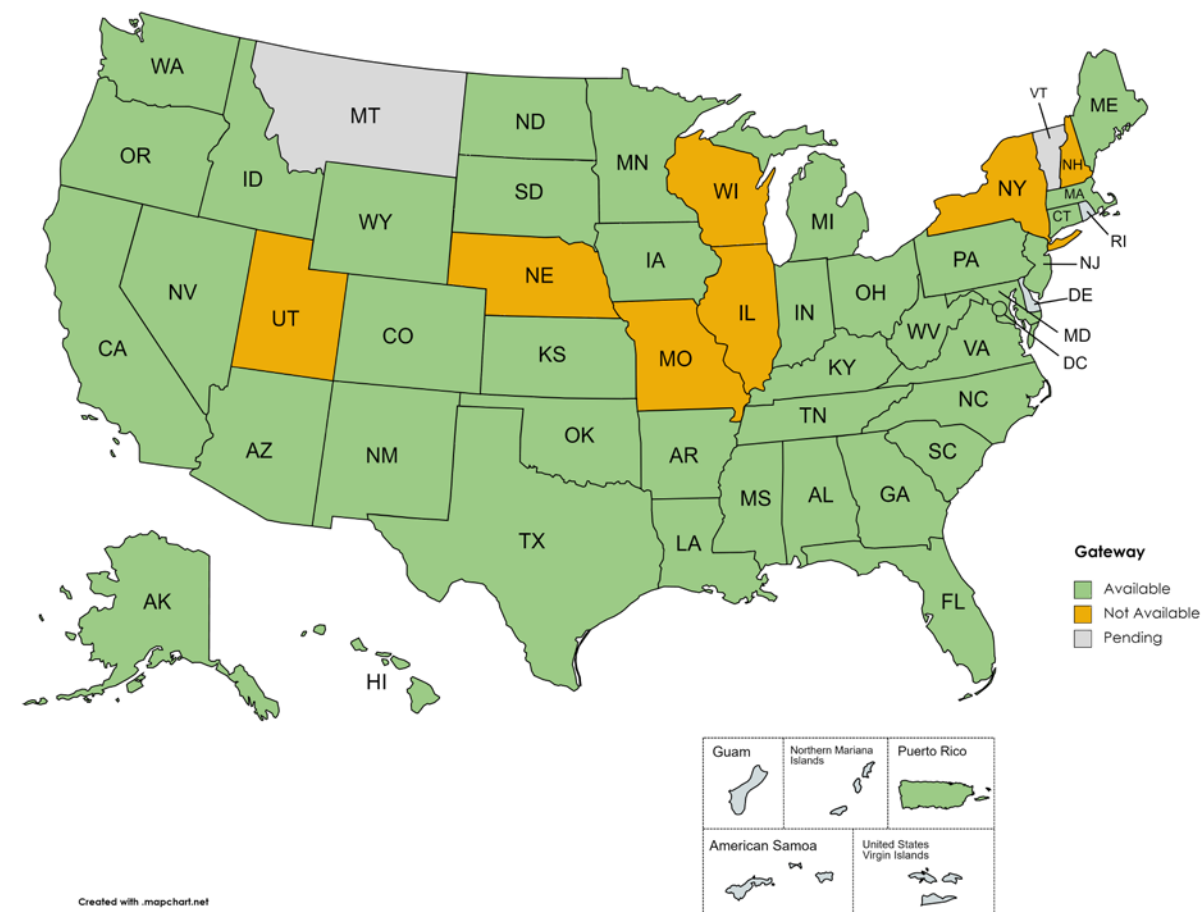
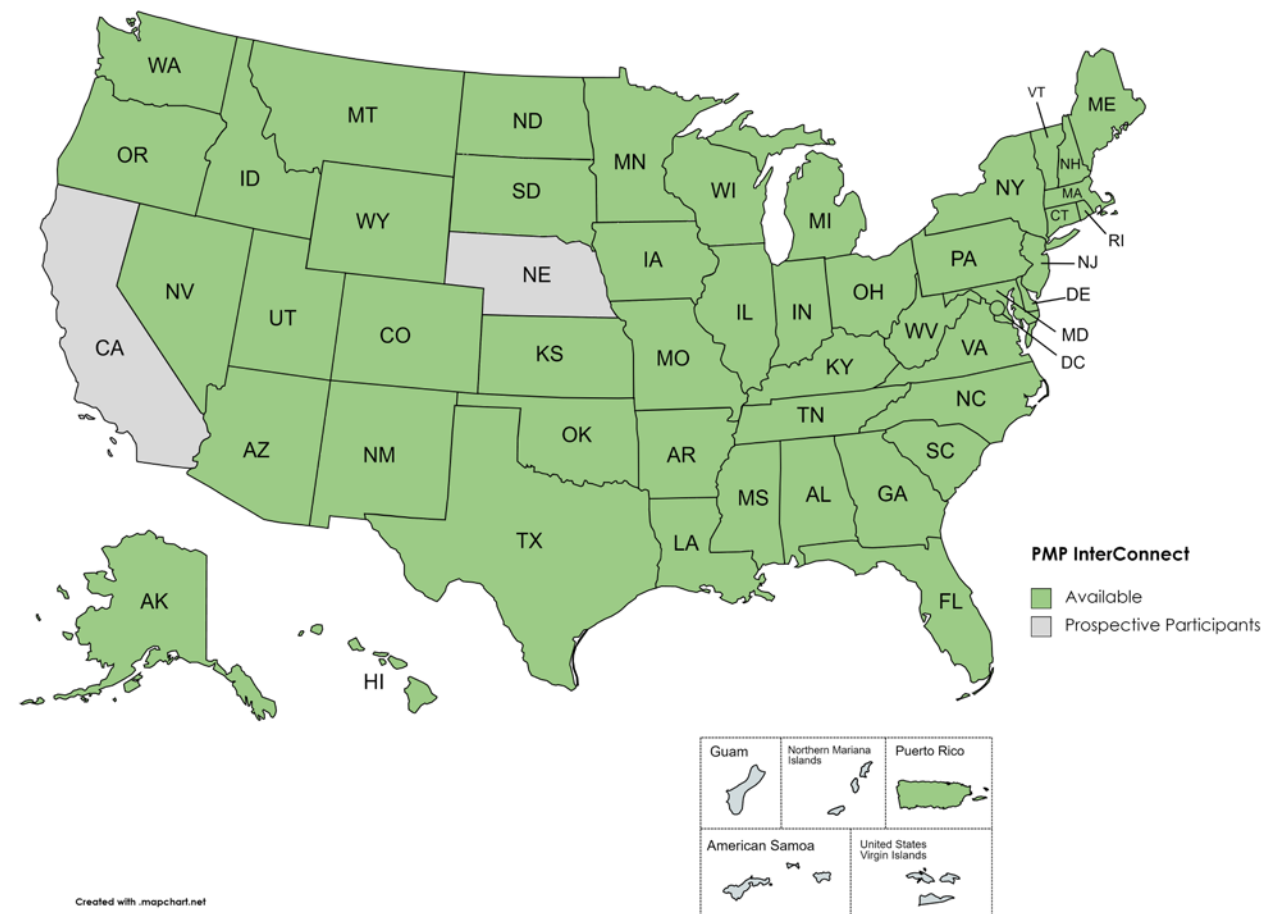


Gateway Facilities

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 158,474 facilities in 43 States are using PMP Gateway service in 110 million patient encounters per month. In North Dakota we currently have 594 prescribing and dispensing facilities connected to Gateway.

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

