

Prescription Drug Monitoring Program Facts, Figures, and Trends 4th Quarter 2022

North Dakota Board of Pharmacy
Kathy Zahn, RPhTech, CPhT, PDMP Program Administrator
1838 E. Interstate Ave. Suite D
Bismarck, ND 58503
701-877-2410
pdmp@ndboard.pharmacy

Number of Users per Month

2022 Users

January	February	March	April	May	June	July	August	September	October	November	December
9609	9668	9735	9775	9818	9859	9950	10026	10014	10081	10130	10178
241	211	241	216	236	216	213	255	248	243	239	233
1417	1460	1430	1358	1358	1322	1363	1465	1368	1410	1391	1312

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

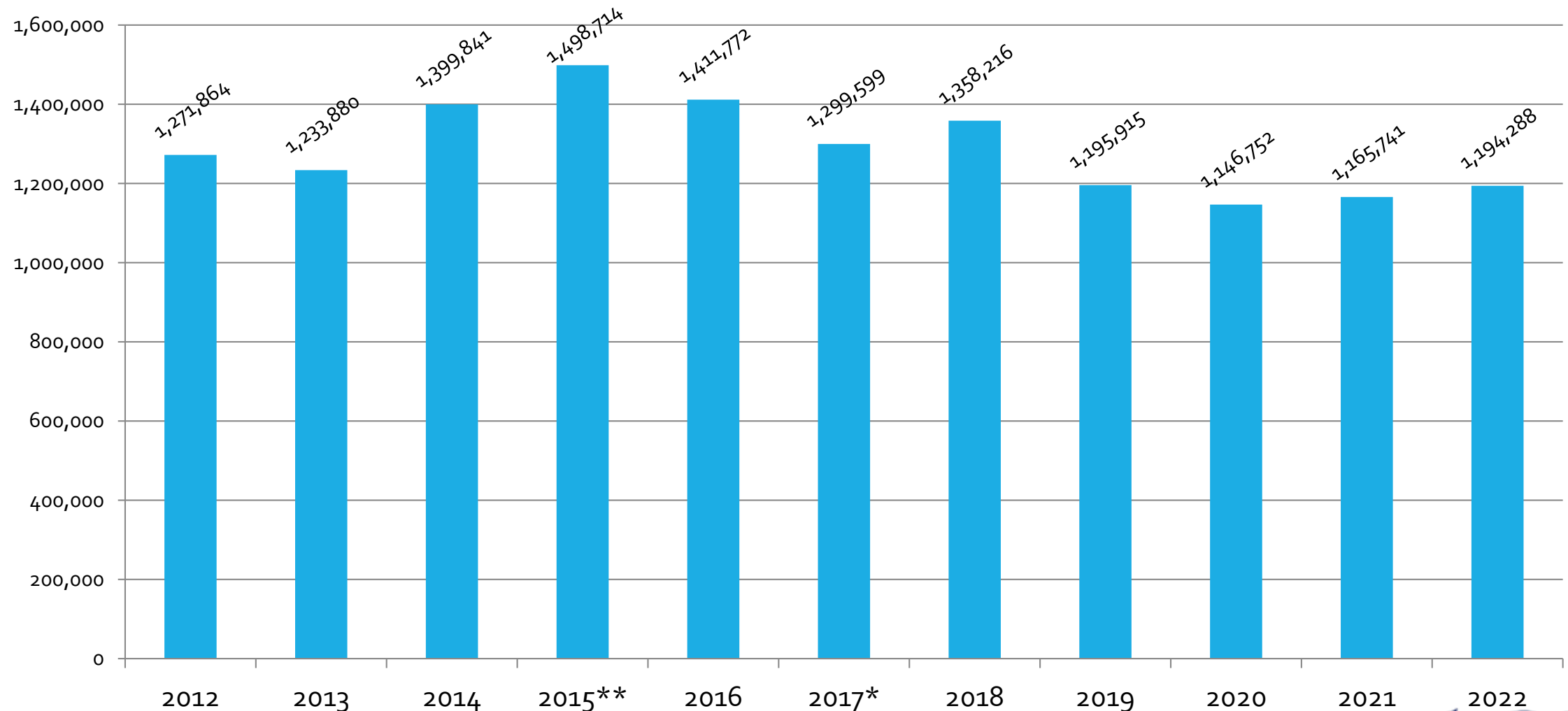
Chart Legend

Total Users

Avg. Daily Active Users

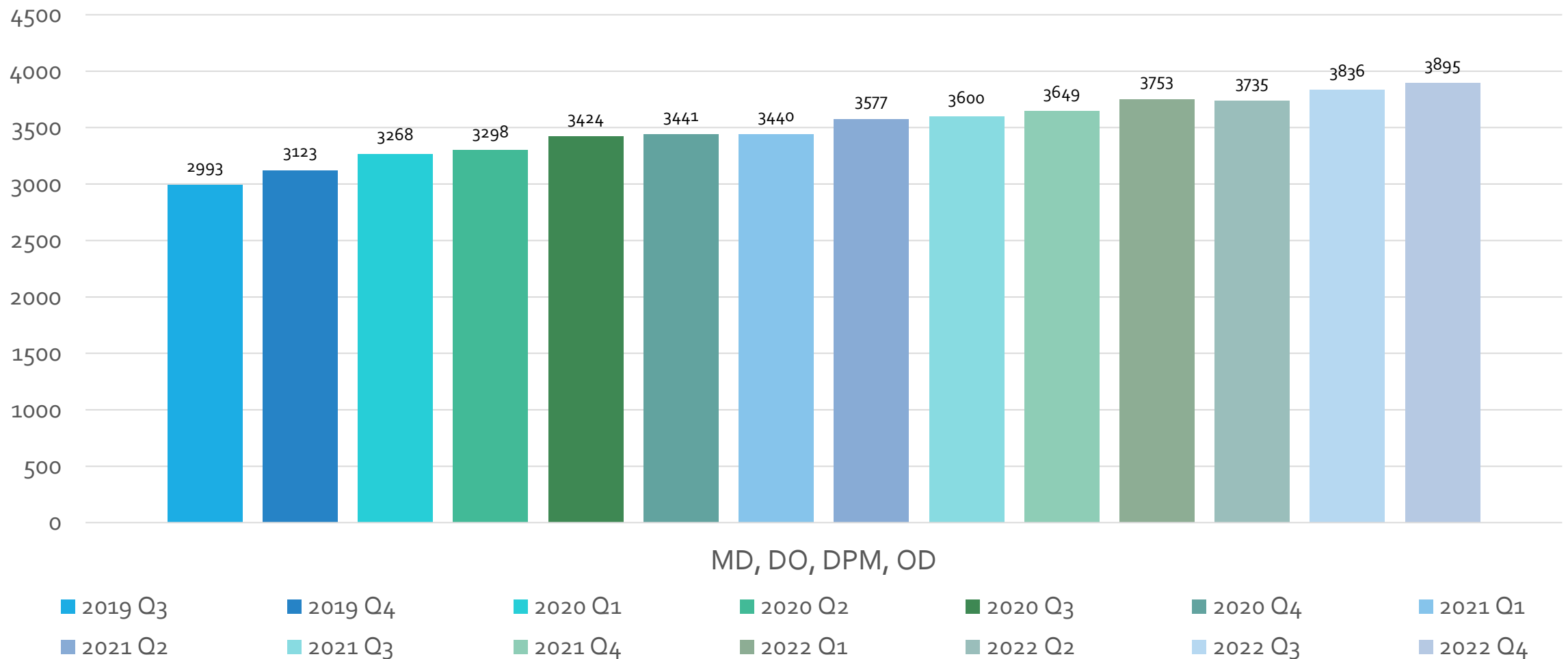
Monthly Active Users

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

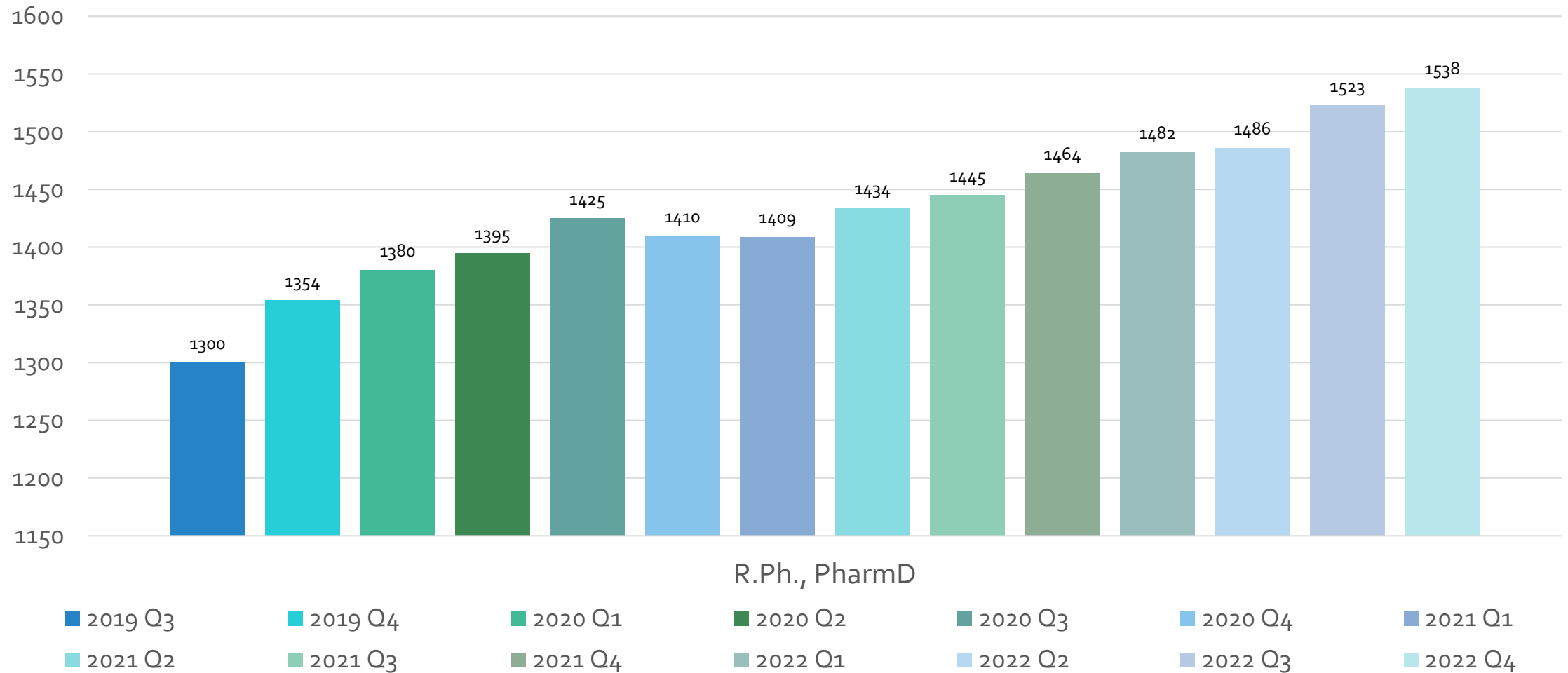


*Gabapentin reporting started on August 1st, 2017; 2018 was the first full year of gabapentin collection.

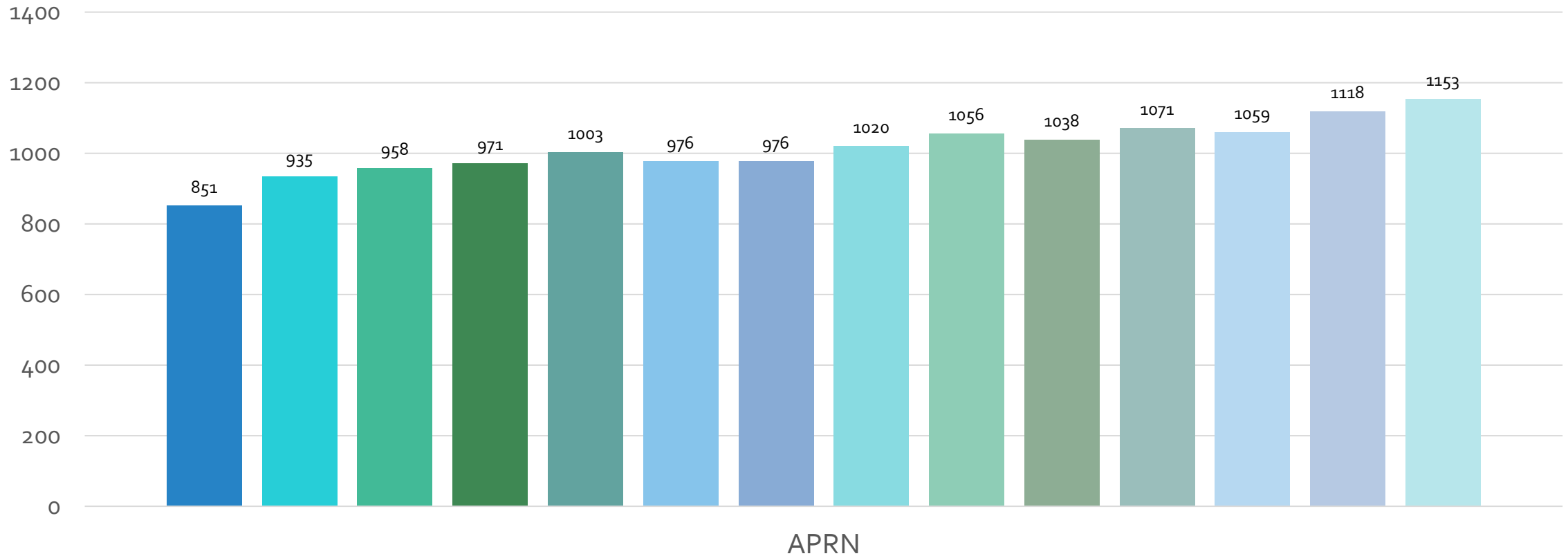
**Veterans Affairs facilities started to report data in October 2015



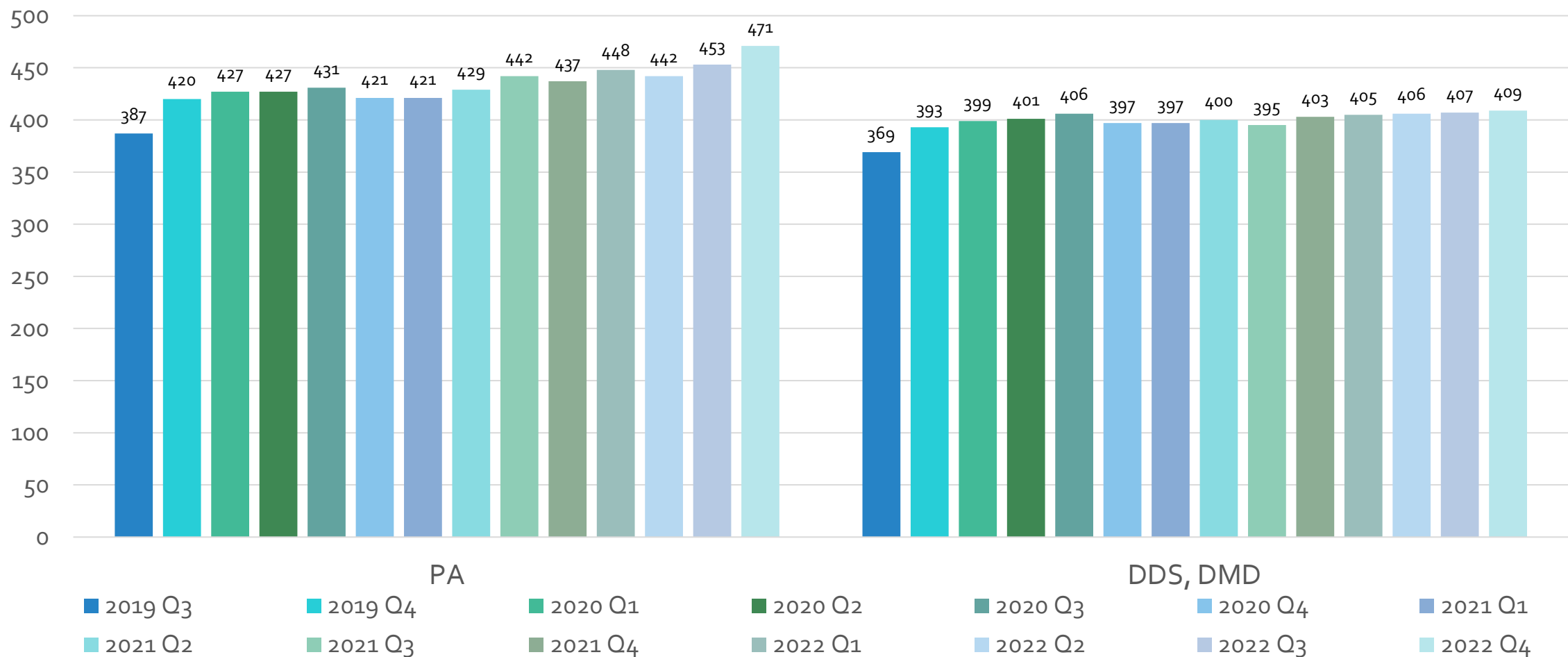
MEDICAL DOCTORS ACTIVE ACCOUNTS



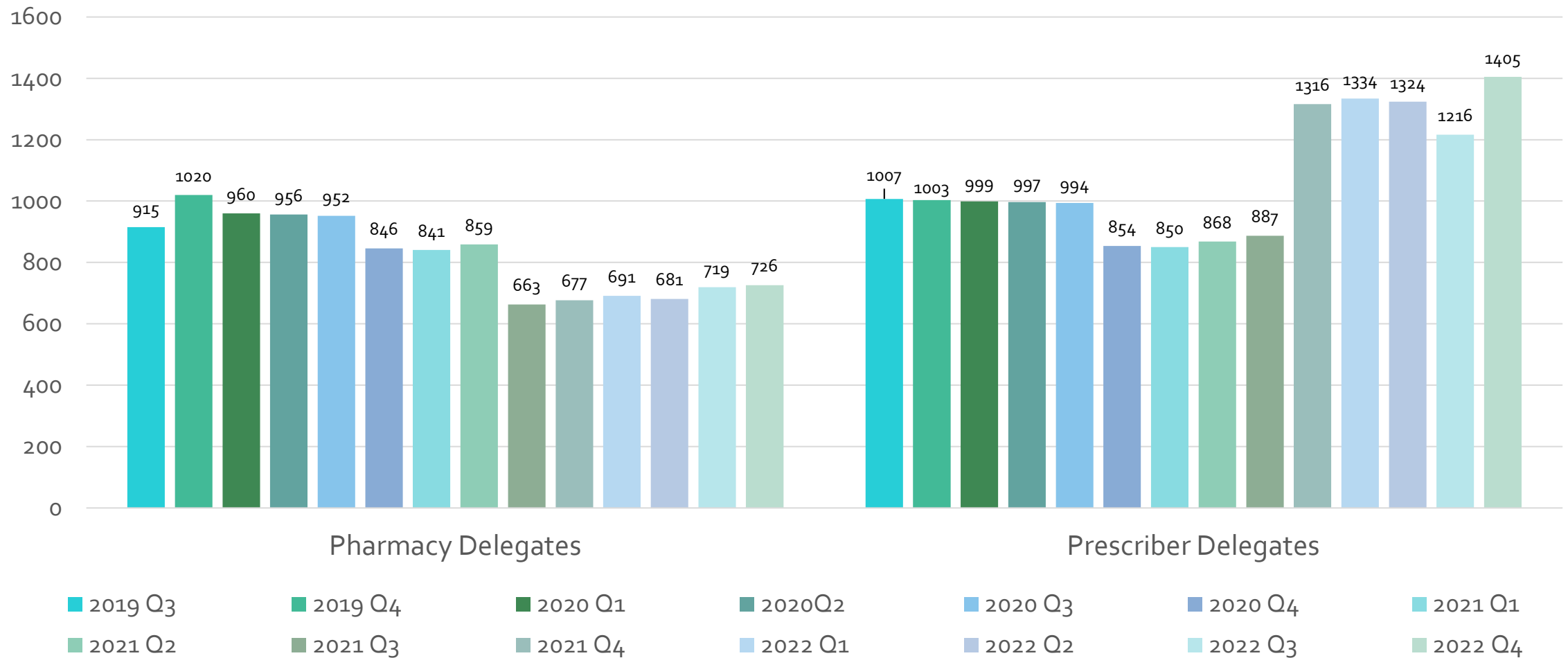
PHARMACISTS ACTIVE ACCOUNTS



ADVANCED PRACTICE NURSES ACTIVE ACCOUNTS



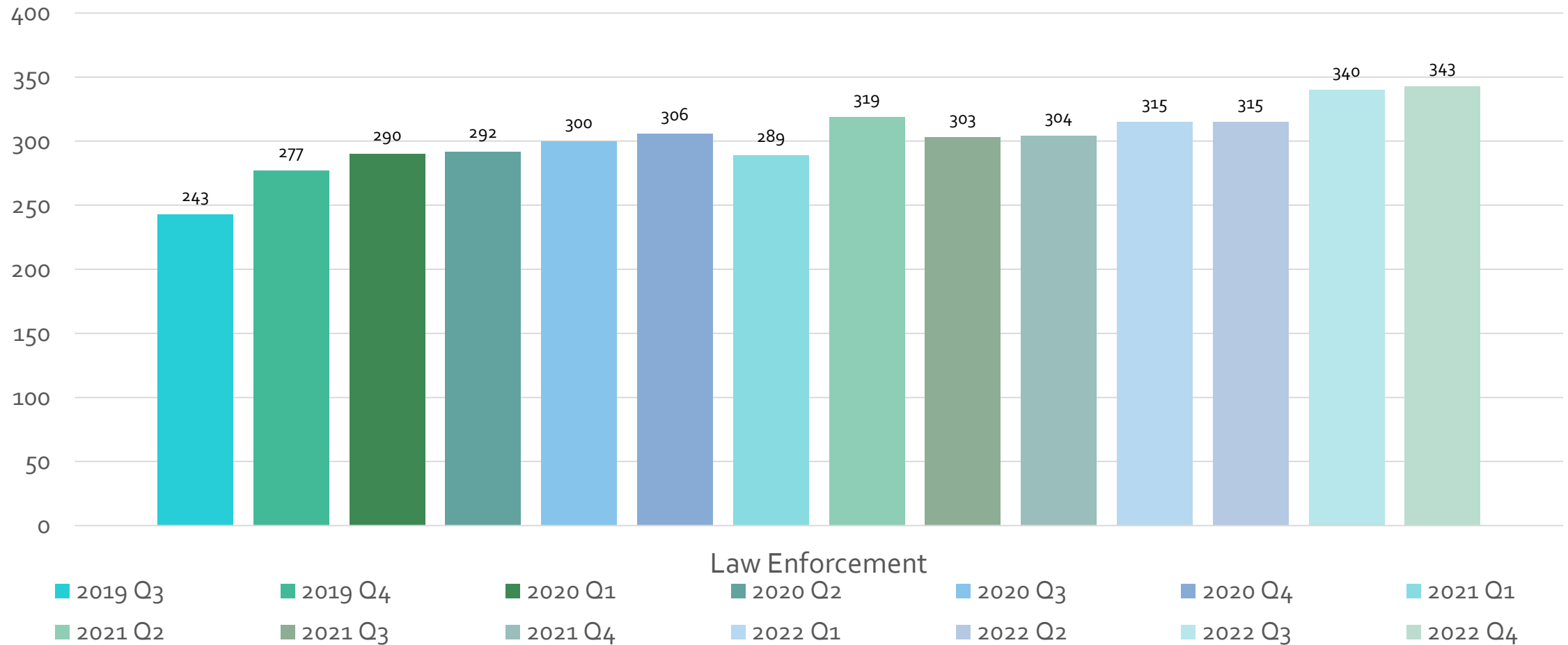
PHYSICIAN ASSISTANTS AND DENTISTS ACTIVE ACCOUNTS



PHARMACY & PRESCRIBER DELEGATES ACTIVE ACCOUNTS

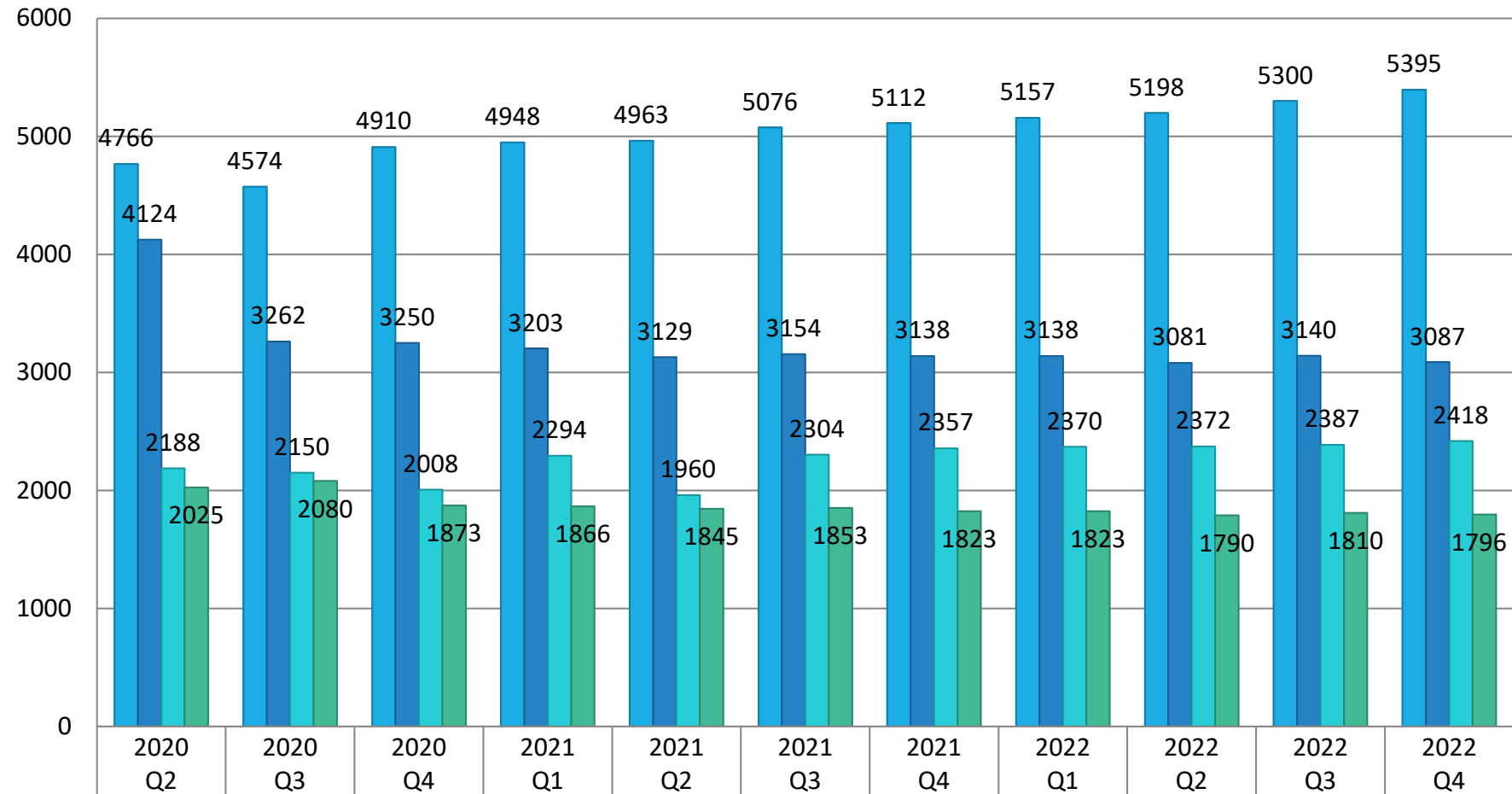


LICENSED ADDICTION COUNSELORS ACTIVE ACCOUNTS



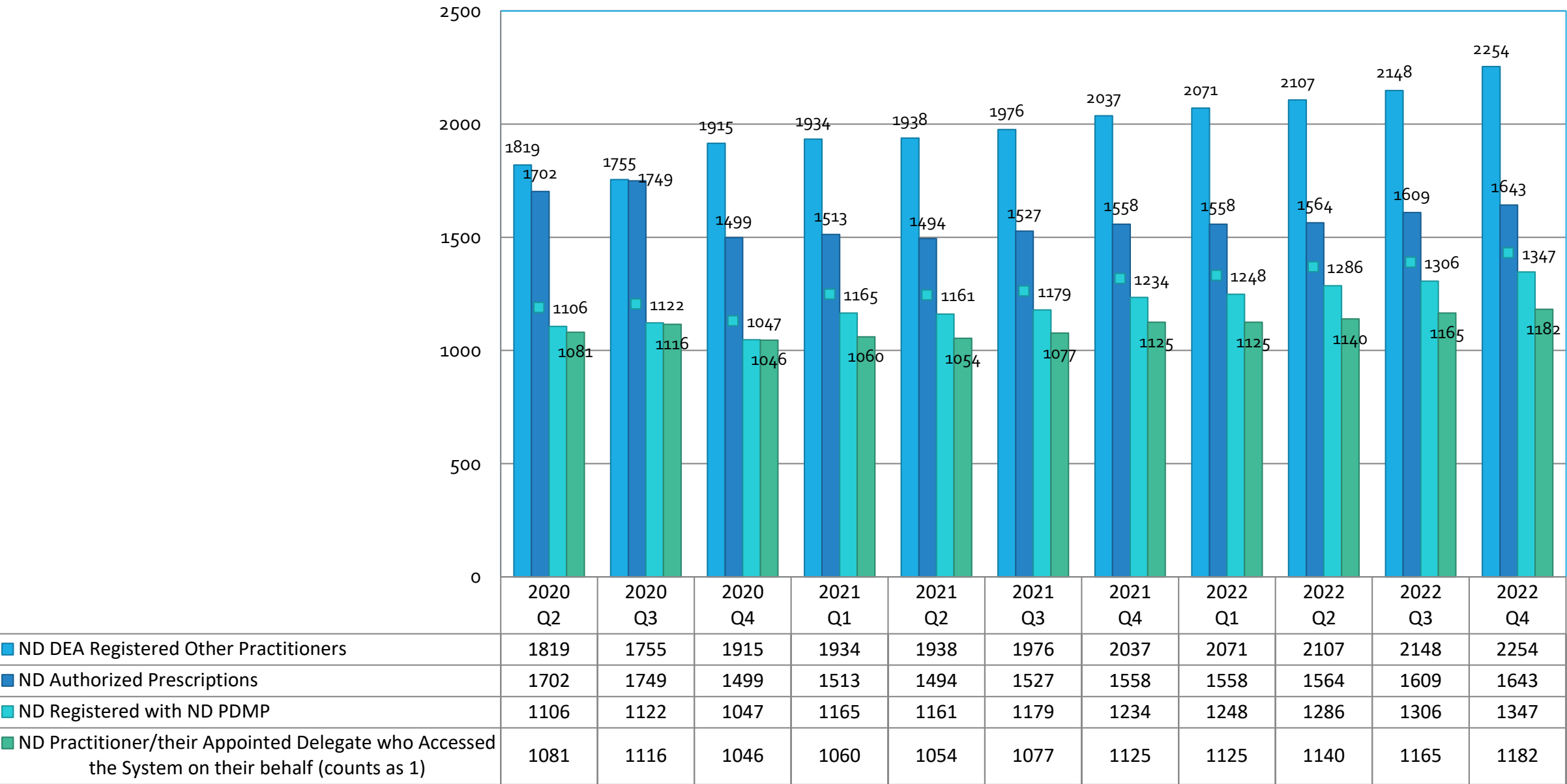
LAW ENFORCEMENT ACTIVE ACCOUNTS

Doctors - Authorization vs. Utilization

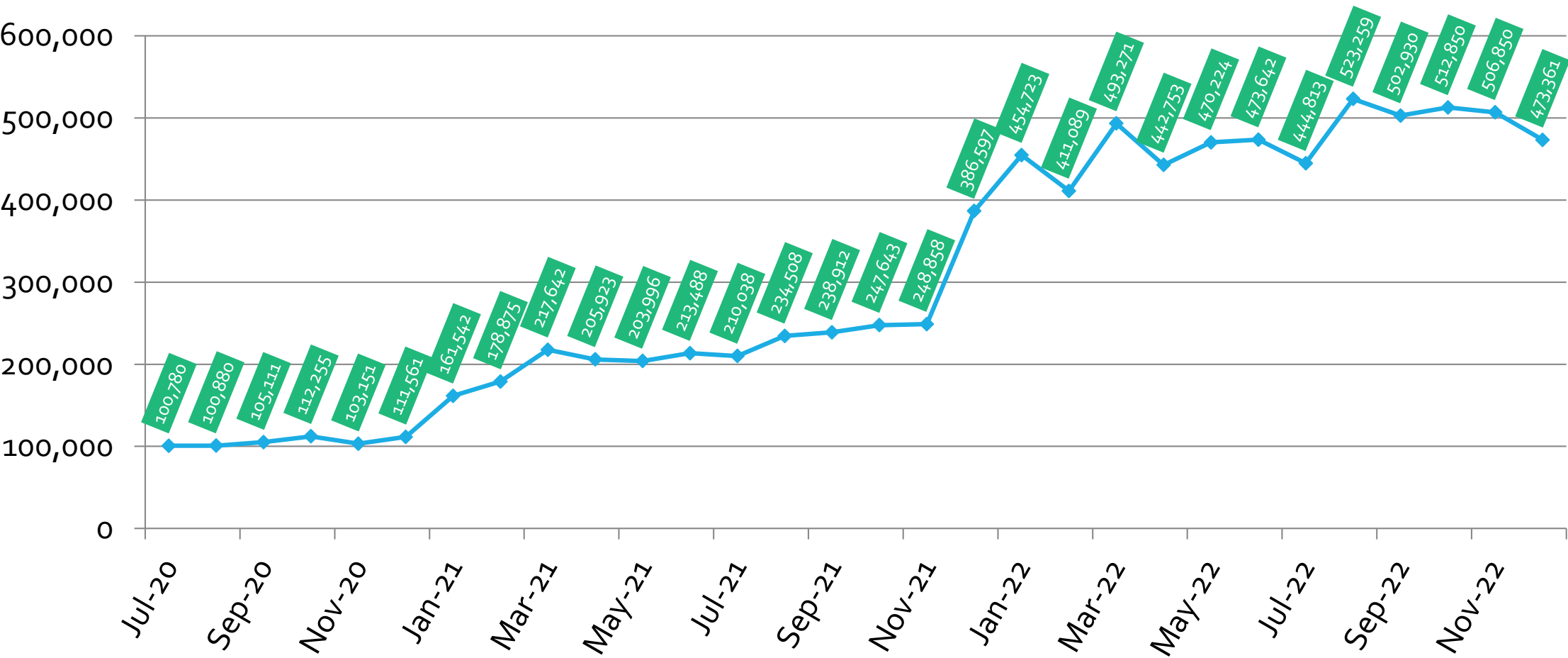


ND DEA Registered Doctors	4766	4574	4910	4948	4963	5076	5112	5157	5198	5300	5395
ND Doctors who authorized prescriptions	4124	3262	3250	3203	3129	3154	3138	3138	3081	3140	3087
ND Doctors also registered with ND PDMP	2188	2150	2008	2294	1960	2304	2357	2370	2372	2387	2418
ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	2025	2080	1873	1866	1845	1853	1823	1823	1790	1810	1796

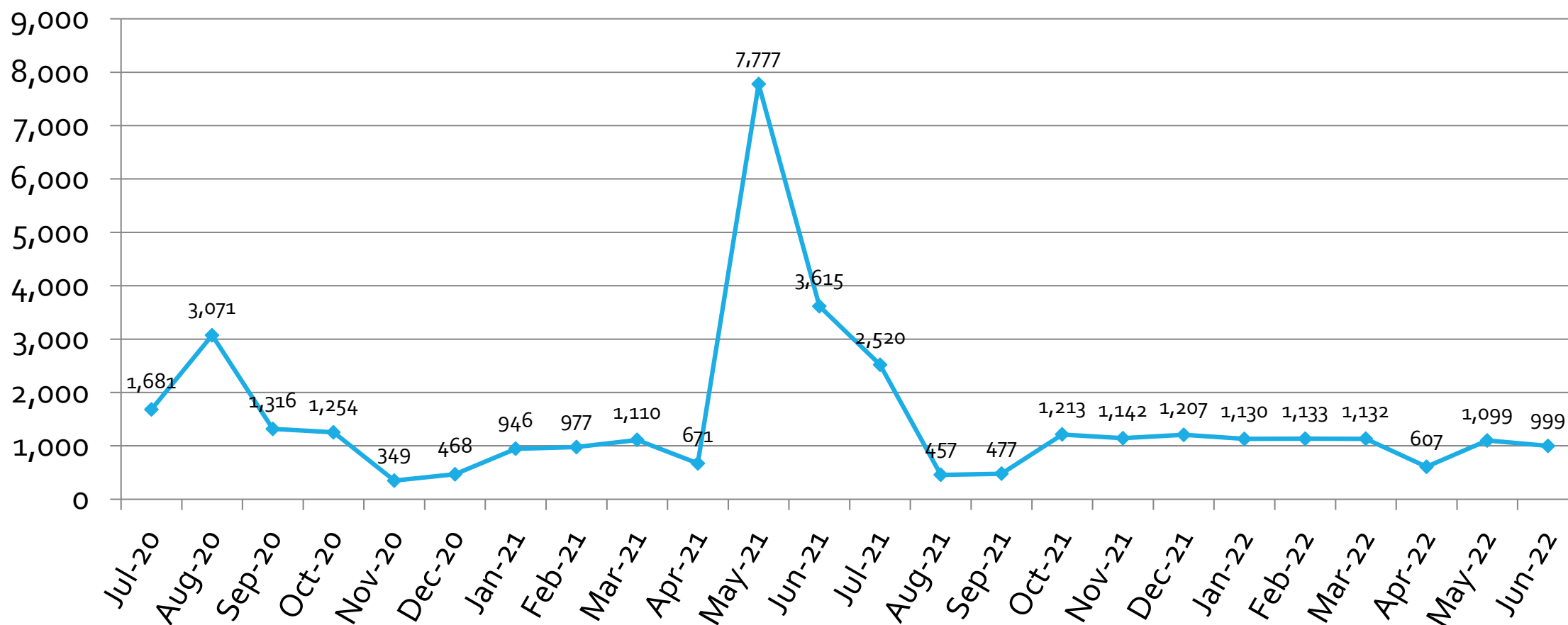
Other Practitioners - Authorization vs. Utilization



ND Gateway Monthly Requests



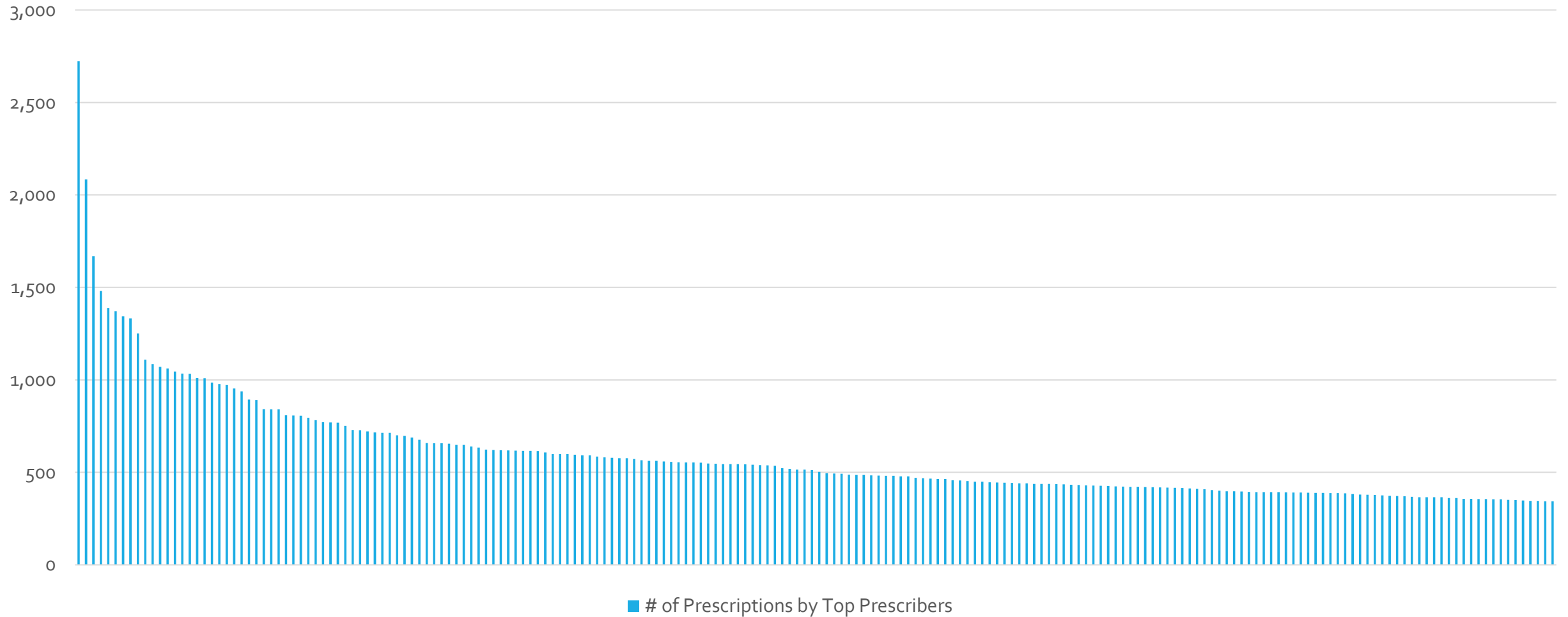
ND Health Information Network Requests



Prescriptions Dispensed by Class

	2019 Q4	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3	2022 Q4
Anesthetic	528	399	377	375	408	356	351	339	300	271	283	356	290
Cannabinoid	167	210	150	160	144	129	171	184	133	139	190	129	153
Narcotic/ Opioids	121,586	122,044	103,889	114,258	114,039	108,591	113,094	111,760	116,319	111,085	110,425	109,155	115,735
Other	47,801	46,489	44,706	46,866	47,607	45,555	47,138	47,397	47,924	45,938	40,445	46,033	38,230
Sedative	97,130	95,345	89,807	92,203	93,173	89,719	89,719	90,765	90,929	89,194	97,260	90,502	100,119
Steroid	2,762	2,749	2,690	2,700	2,835	2,829	2,969	3,118	3,312	3,279	3,523	2,841	3,635
Stimulant	54,853	58,481	52,224	54,333	57,611	59,052	60,717	62,350	65,936	67,644	70,232	59,331	76,563
Blank	153	151	119	213	155	140	147	172	201	208	207	140	68
Total	325,760	326,679	294,730	311,907	316,777	306,845	314,306	316,085	325,054	317,782	322,565	308,960	334,951

of Prescriptions by Top Prescribers



TOP 200 PRESCRIBERS BY NUMBER OF PRESCRIPTIONS 2022 QUARTER 4

Reportable Prescriptions per Patient County

Quarter 4 - 2022

Patient County	2022 Population	Prescription Count	Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count Per Patient	AVG Qty Per Patient
Grand Total	773,344	277,445	0.36	15,729,293	20.34	104,747	2.65	150.16
Adams	2,237	718	0.32	49,250	22.02	261	2.75	188.70
Barnes	10,869	4,911	0.45	284,053	26.13	1,706	2.88	166.50
Benson	6,090	3,324	0.55	170,655	28.02	788	4.22	216.57
Billings	839	179	0.21	12,008	14.31	88	2.03	136.45
Bottineau	6,442	2,115	0.33	110,169	17.10	863	2.45	127.66
Bowman	3,024	1,003	0.33	52,564	17.38	336	2.99	156.44
Burke	2,177	716	0.33	49,416	22.70	278	2.58	177.75
Burleigh	97,895	34,705	0.35	1,955,418	19.97	13,393	2.59	146.00
Cass	182,992	64,565	0.35	3,498,946	19.12	24,820	2.60	140.97
Cavalier	3,725	1,467	0.39	87,174	23.40	556	2.64	156.79
Dickey	5,013	1,927	0.38	121,153	24.17	672	2.87	180.29
Divide	2,196	830	0.38	60,676	27.63	307	2.70	197.64
Dunn	4,054	1,640	0.40	94,205	23.24	626	2.62	150.49
Eddy	2,378	956	0.40	58,816	24.73	335	2.85	175.57
Emmons	3,316	893	0.27	52,556	15.85	341	2.62	154.12
Foster	3,396	1,258	0.37	71,776	21.14	467	2.69	153.70
Golden Valley	1,812	673	0.37	38,584	21.29	252	2.67	153.11

Reportable Prescriptions per Patient County

Quarter 4 - 2022

Patient County	2022 Population	Prescription Count	Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count Per Patient	AVG Qty Per Patient
Grand Forks	73,101	26,063	0.36	1,441,912	19.72	9,325	2.79	154.63
Grant	2,351	791	0.34	51,608	21.95	297	2.66	173.76
Griggs	2,242	863	0.38	48,007	21.41	333	2.59	144.17
Hettinger	2,502	714	0.29	42,996	17.18	295	2.42	145.75
Kidder	2,397	838	0.35	51,645	21.55	319	2.63	161.90
LaMoure	4,173	1,213	0.29	69,579	16.67	531	2.28	131.03
Logan	1,814	612	0.34	40,041	22.07	239	2.56	167.54
McHenry	5,420	2,127	0.39	131,117	24.19	831	2.56	157.78
McIntosh	2,568	891	0.35	51,402	20.02	356	2.50	144.39
McKenzie	13,762	3,594	0.26	202,041	14.68	1,428	2.52	141.49
McLean	9,788	3,794	0.39	237,692	24.28	1,461	2.60	162.69
Mercer	8,405	2,667	0.32	165,701	19.71	1,069	2.49	155.01
Morton	32,916	11,918	0.36	714,218	21.70	4,566	2.61	156.42
Mountrail	9,717	3,847	0.40	223,478	23.00	1,345	2.86	166.15
Nelson	3,035	1,525	0.50	83,403	27.48	507	3.01	164.50
Oliver	1,850	564	0.30	35,055	18.95	215	2.62	163.05
Pembina	6,912	2,811	0.41	174,709	25.28	1,094	2.57	159.70
Pierce	4,038	1,598	0.40	92,207	22.83	596	2.68	154.71

Reportable Prescriptions per Patient County

Quarter 4 - 2022

Patient County	2022 Population	Prescription Count	Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count Per Patient	AVG Qty Per Patient
Ramsey	11,638	5,194	0.45	284,338	24.43	1,689	3.08	168.35
Ransom	5,679	2,471	0.44	135,638	23.88	873	2.83	155.37
Renville	2,328	842	0.36	46,467	19.96	335	2.51	138.71
Richland	16,546	5,771	0.35	332,836	20.12	2,232	2.59	149.12
Rolette	12,508	5,848	0.47	314,580	25.15	1,940	3.01	162.15
Sargent	3,839	1,283	0.33	82,859	21.58	542	2.37	152.88
Sheridan	1,328	537	0.40	33,731	25.40	202	2.66	166.98
Sioux	3,993	1,242	0.31	74,637	18.69	433	2.87	172.37
Slope	775	98	0.13	6,418	8.28	42	2.33	152.80
Stark	32,710	12,061	0.37	709,716	21.70	4,500	2.68	157.71
Steele	1,870	610	0.33	35,877	19.19	242	2.52	148.25
Stutsman	21,678	8,677	0.40	505,159	23.30	3,295	2.63	153.31
Towner	2,190	942	0.43	59,723	27.27	337	2.80	177.22
Traill	8,008	3,102	0.39	193,763	24.20	1,222	2.54	158.56
Walsh	10,631	4,661	0.44	260,101	24.47	1,642	2.84	158.41
Ward	69,686	21,650	0.31	1,229,962	17.65	8,894	2.43	138.29
Wells	4,031	1,817	0.45	105,202	26.10	688	2.64	152.91
Williams	38,460	12,329	0.32	694,055	18.05	4,743	2.60	146.33

Opioid Prescriptions per ND Patient County

Quarter 4 - 2022

Patient County	2022 Population	Opioid Prescripti on Count	Opioid Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count Per Patient	AVG Quantity Per Patient
Grand Total	773,344	84,382	0.11	4,048,094	5.23	39,855	2.12	101.57
Adams	2,237	279	0.12	16,964	7.58	135	2.07	125.66
Barnes	10,869	1,535	0.14	70,091	6.45	665	2.31	105.40
Benson	6,090	1,594	0.26	70,314	11.55	413	3.86	170.25
Billings	839	61	0.07	2,819	3.36	32	1.91	88.09
Bottineau	6,442	719	0.11	27,579	4.28	379	1.90	72.77
Bowman	3,024	302	0.10	14,256	4.71	144	2.10	99.00
Burke	2,177	239	0.11	14,488	6.66	107	2.23	135.40
Burleigh	97,895	11,272	0.12	559,141	5.71	5,351	2.11	104.49
Cass	182,992	15,317	0.08	588,266	3.21	7,702	1.99	76.38
Cavalier	3,725	466	0.13	24,529	6.58	230	2.03	106.65
Dickey	5,013	603	0.12	34,404	6.86	252	2.39	136.52
Divide	2,196	341	0.16	24,297	11.06	140	2.44	173.55
Dunn	4,054	690	0.17	39,361	9.71	309	2.23	127.38
Eddy	2,378	334	0.14	20,661	8.69	145	2.30	142.49
Emmons	3,316	330	0.10	17,224	5.19	153	2.16	112.58
Foster	3,396	429	0.13	23,017	6.78	193	2.22	119.26
Golden Valley	1,812	205	0.11	12,852	7.09	99	2.07	129.82

Opioid Prescriptions per ND Patient County

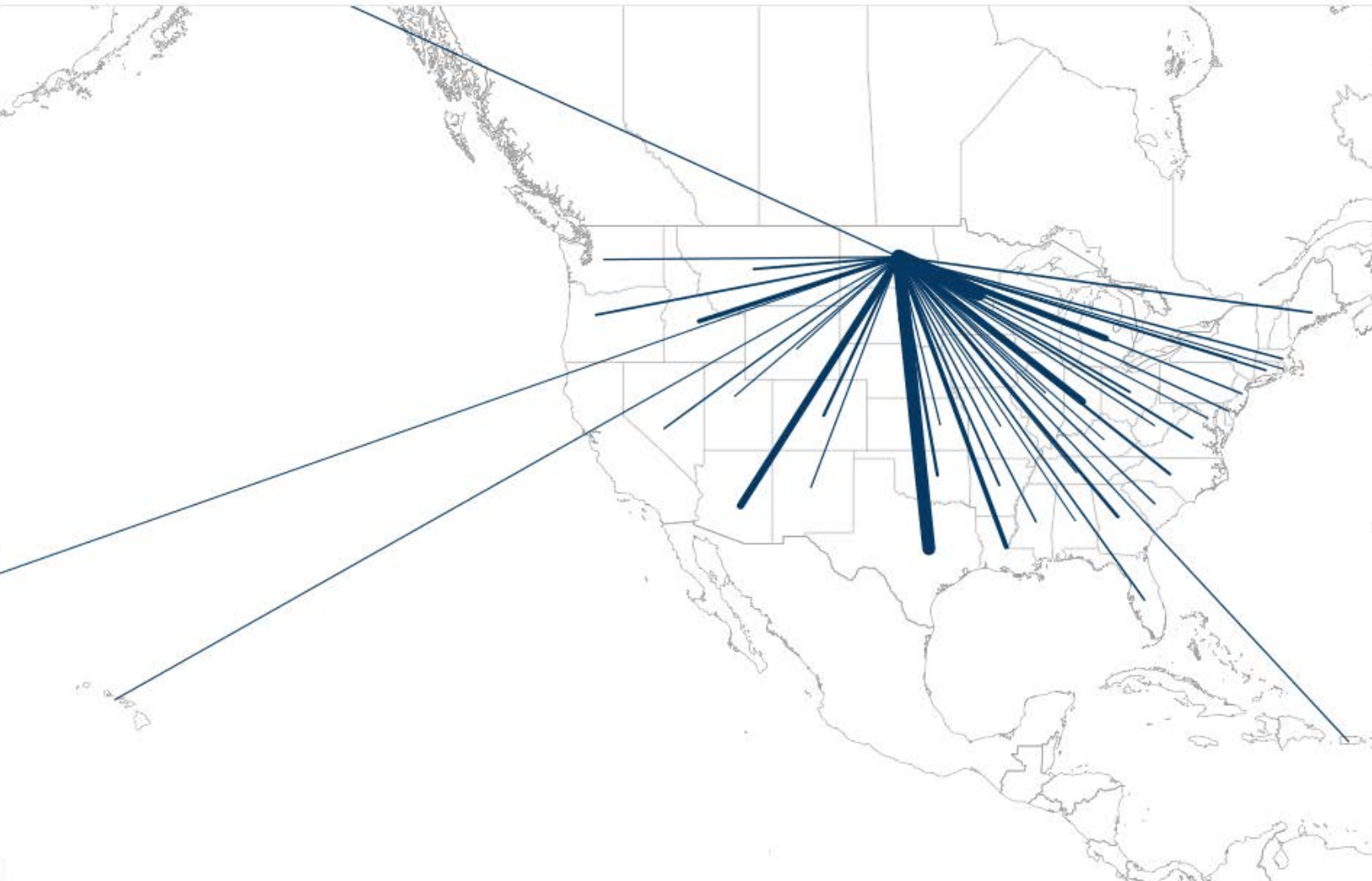
Quarter 4 - 2022

Patient County	Population	Prescription Count	Opioid Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count Per Patient	AVG Quantity Per Patient
Grand Forks	73,101	7,763	0.11	369,519	5.05	3,574	2.17	103.39
Grant	2,351	348	0.15	23,566	10.02	152	2.29	155.04
Griggs	2,242	229	0.10	9,328	4.16	117	1.96	79.73
Hettinger	2,502	282	0.11	15,726	6.29	145	1.94	108.46
Kidder	2,397	285	0.12	15,842	6.61	131	2.18	120.93
LaMoure	4,173	369	0.09	15,022	3.60	196	1.88	76.64
Logan	1,814	197	0.11	10,472	5.77	102	1.93	102.67
McHenry	5,420	663	0.12	33,435	6.17	331	2.00	101.01
McIntosh	2,568	343	0.13	14,585	5.68	164	2.09	88.93
McKenzie	13,762	1,134	0.08	55,568	4.04	560	2.03	99.23
McLean	9,788	1,462	0.15	79,214	8.09	672	2.18	117.88
Mercer	8,405	1,062	0.13	62,335	7.42	478	2.22	130.41
Morton	32,916	4,197	0.13	225,639	6.85	1,980	2.12	113.96
Mountrail	9,717	1,338	0.14	73,039	7.52	577	2.32	126.58
Nelson	3,035	497	0.16	25,550	8.42	228	2.18	112.06
Oliver	1,850	212	0.11	12,537	6.78	103	2.06	121.72
Pembina	6,912	914	0.13	46,101	6.67	439	2.08	105.01
Pierce	4,038	595	0.15	27,061	6.70	271	2.20	99.86

Opioid Prescriptions per ND Patient County

Quarter 4 - 2022

Patient County	Population	Prescription Count	Opioid Prescription Count Per Population	Quantity	Quantity Count Per Population	Patient Count	AVG Prescription Count Per Patient	AVG Quantity Per Patient
Ramsey	11,638	2,015	0.17	92,543	7.95	775	2.60	119.41
Ransom	5,679	715	0.13	28,786	5.07	338	2.12	85.17
Renville	2,328	208	0.09	8,104	3.48	108	1.93	75.04
Richland	16,546	1,548	0.09	61,841	3.74	748	2.07	82.68
Rolette	12,508	2,088	0.17	116,854	9.34	886	2.36	131.89
Sargent	3,839	405	0.11	18,026	4.70	202	2.00	89.24
Sheridan	1,328	203	0.15	10,549	7.94	99	2.05	106.55
Sioux	3,993	662	0.17	34,485	8.64	275	2.41	125.40
Slope	775	29	0.04	1,946	2.51	16	1.81	121.63
Stark	32,710	4,285	0.13	231,831	7.09	1,966	2.18	117.92
Steele	1,870	204	0.11	8,170	4.37	103	1.98	79.32
Stutsman	21,678	2,645	0.12	121,513	5.61	1,277	2.07	95.15
Towner	2,190	361	0.16	22,808	10.41	163	2.21	139.93
Traill	8,008	783	0.10	32,241	4.03	406	1.93	79.41
Walsh	10,631	1,434	0.13	73,219	6.89	664	2.16	110.27
Ward	69,686	5,666	0.08	264,056	3.79	3,002	1.89	87.96
Wells	4,031	591	0.15	30,253	7.51	276	2.14	109.61
Williams	38,460	3,934	0.10	216,070	5.62	1,882	2.09	114.81



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 949 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.

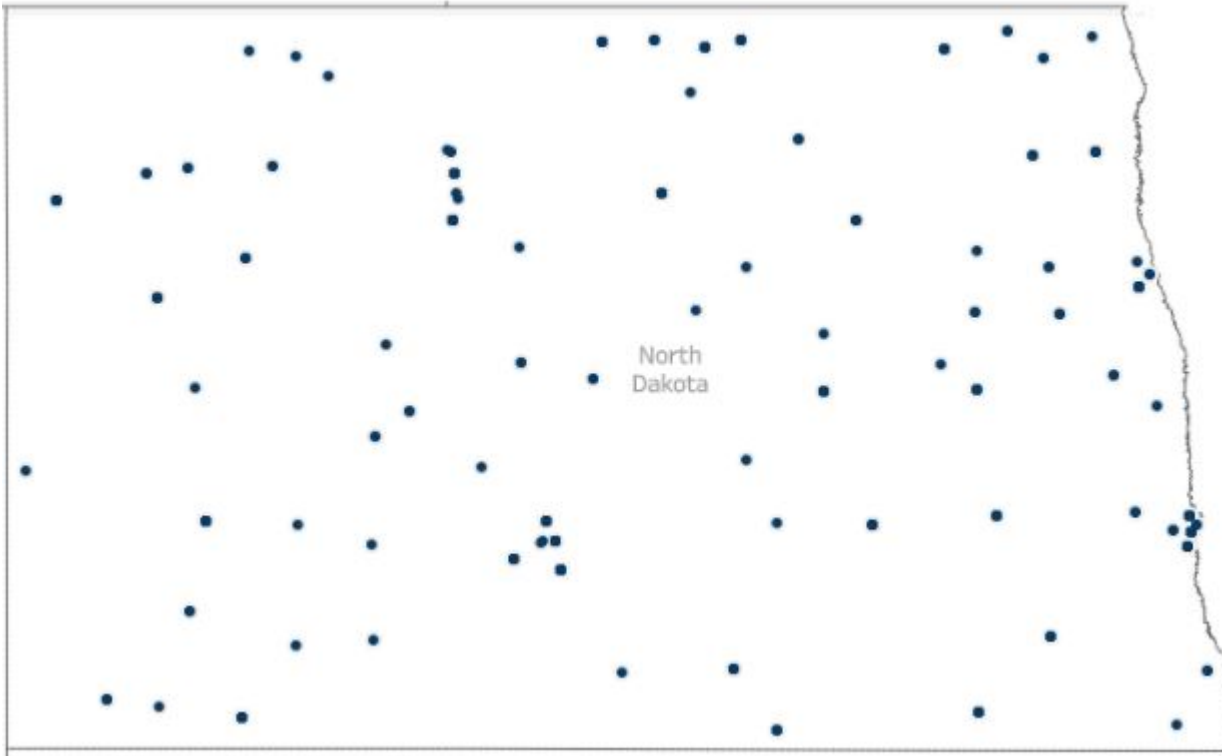
Find more information at <https://pdmpworks.org>

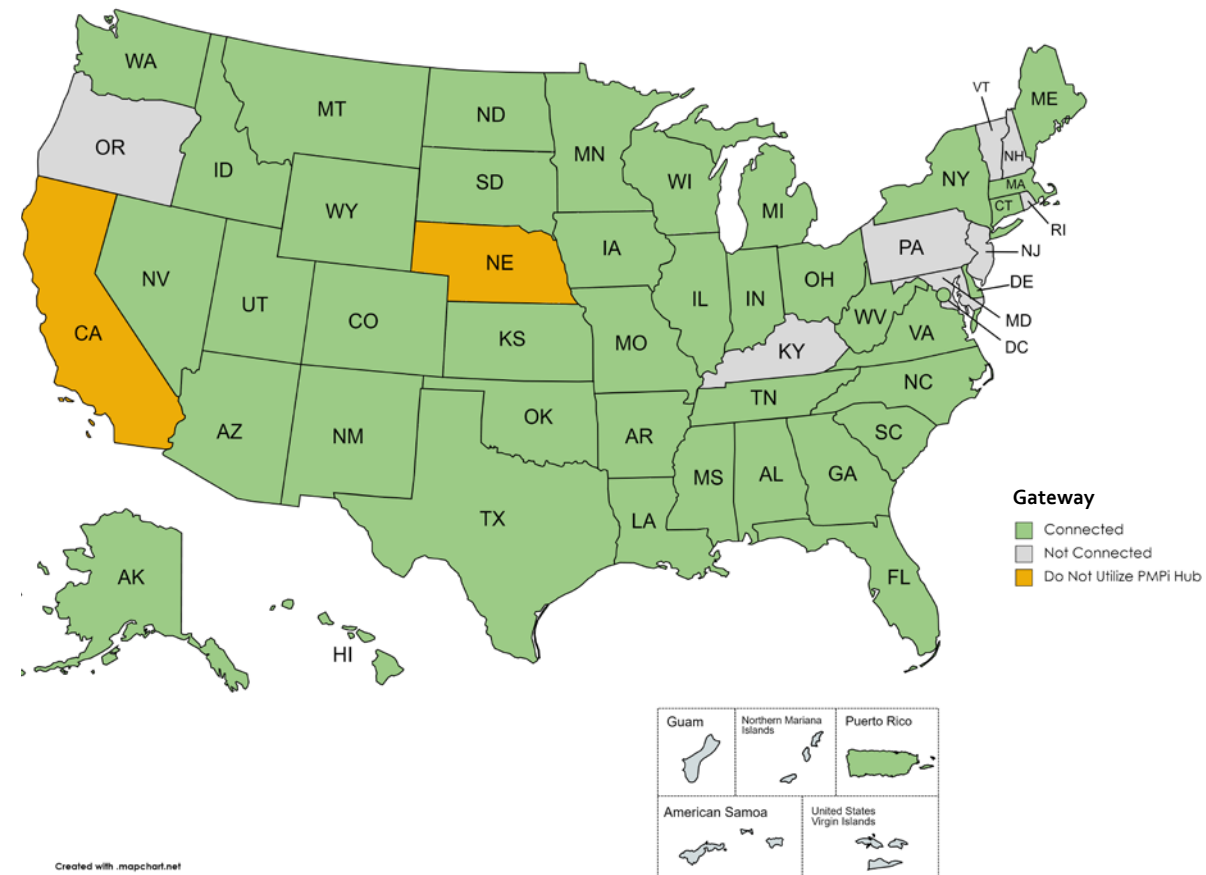
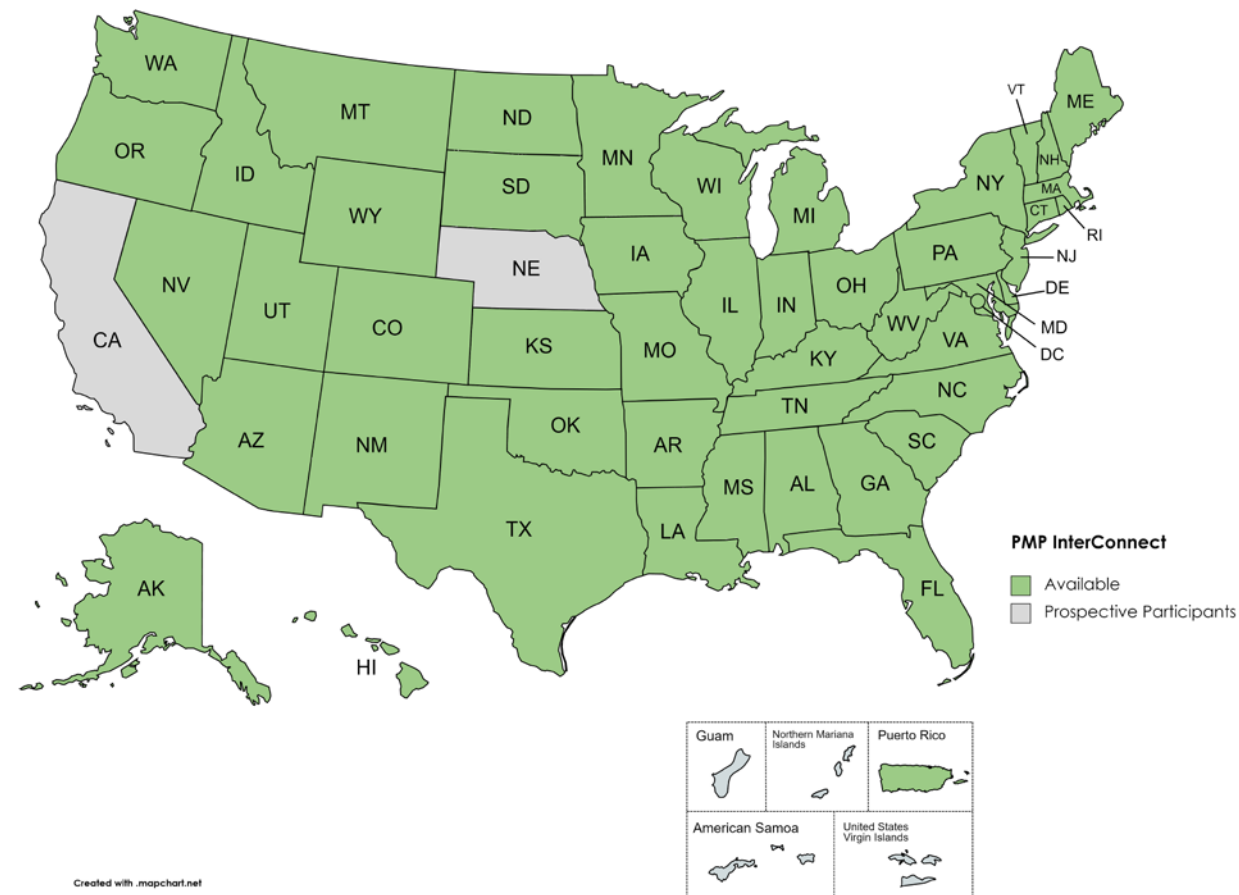
Gateway Facilities

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 1.14M prescribers and pharmacists at over 158,000 facilities in 43 States are using PMP Gateway service in 110 million patient encounters per month.

For ND there were 594 Active Gateway facilities in the Last 18 months. (most recent data June 2022)

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





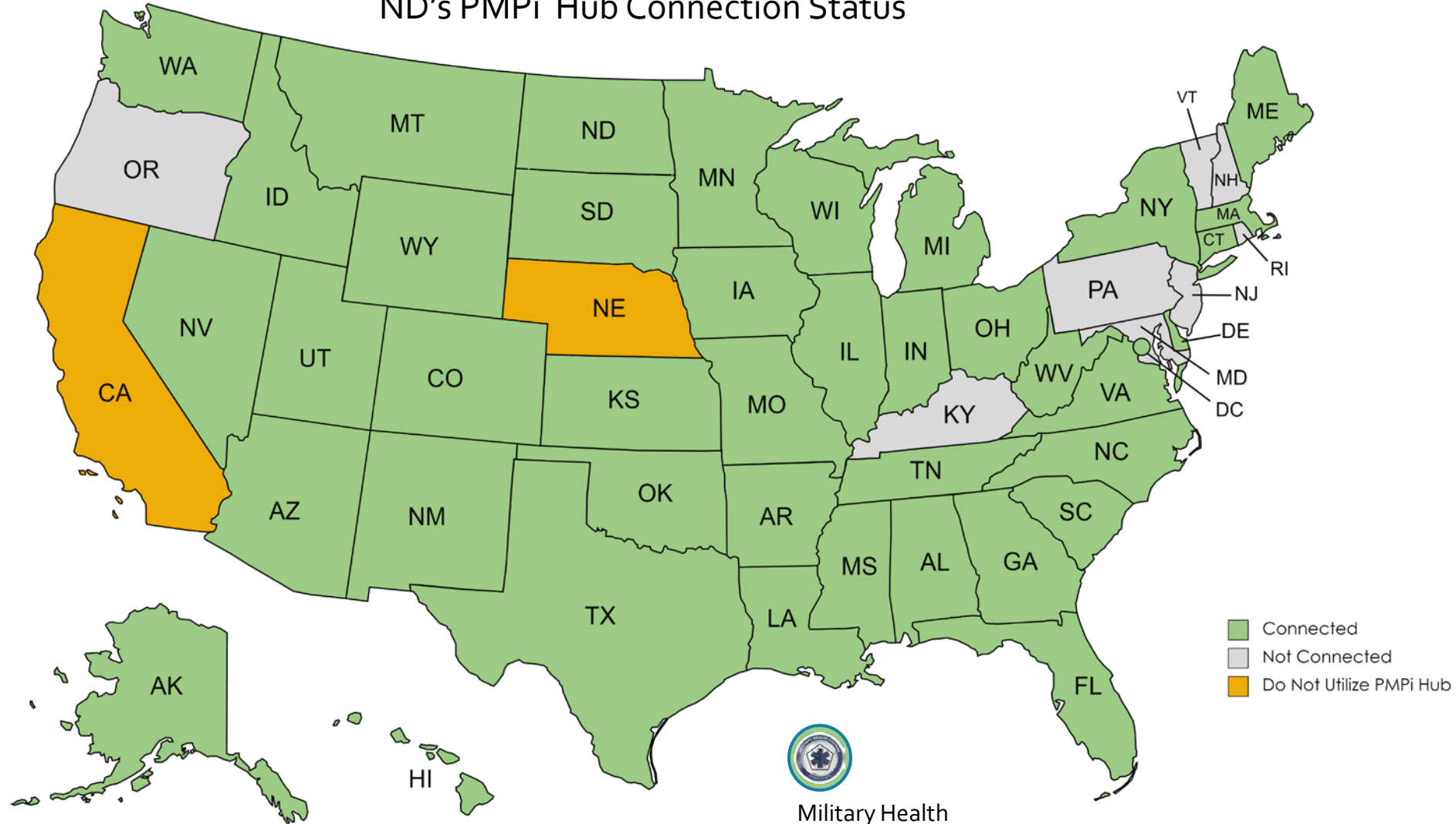
PDMP Interstate Sharing Hub, PMP Interconnect

- 1.08 billion transactions per month
- Supports 53 of 54 U.S. PDMPs
- The Military Health System elects to participate (2020)
- 247% increase in usage year after year
- PMP InterConnect is provided at NO cost to the PDMPs by NABP
- Interstate data requests over InterConnect are usually returned in under two seconds

PDMP Clinical Workflow Integration, Gateway

- 1 in 3 prescribers use PMP Gateway integration
- 179% increase in usage year after year
- Over 107 million transactions are completed each month, March 2022
- Integrations are complete with over 130 electronic health records and every major pharmacy system vendor, making implementation quick for interested health systems and pharmacies.

ND's PMPi Hub Connection Status



Military Health

