

Prescription Drug Monitoring Program

Facts, Figures, and Trends

1st Quarter 2022

North Dakota Board of Pharmacy
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Number of Users per Month

2023 Users

January	February	March	April	May	June	July	August	September	October	November	December
10216	10266	10341	10383								
241	242	259	233								
1418	1379	1382	1310								

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

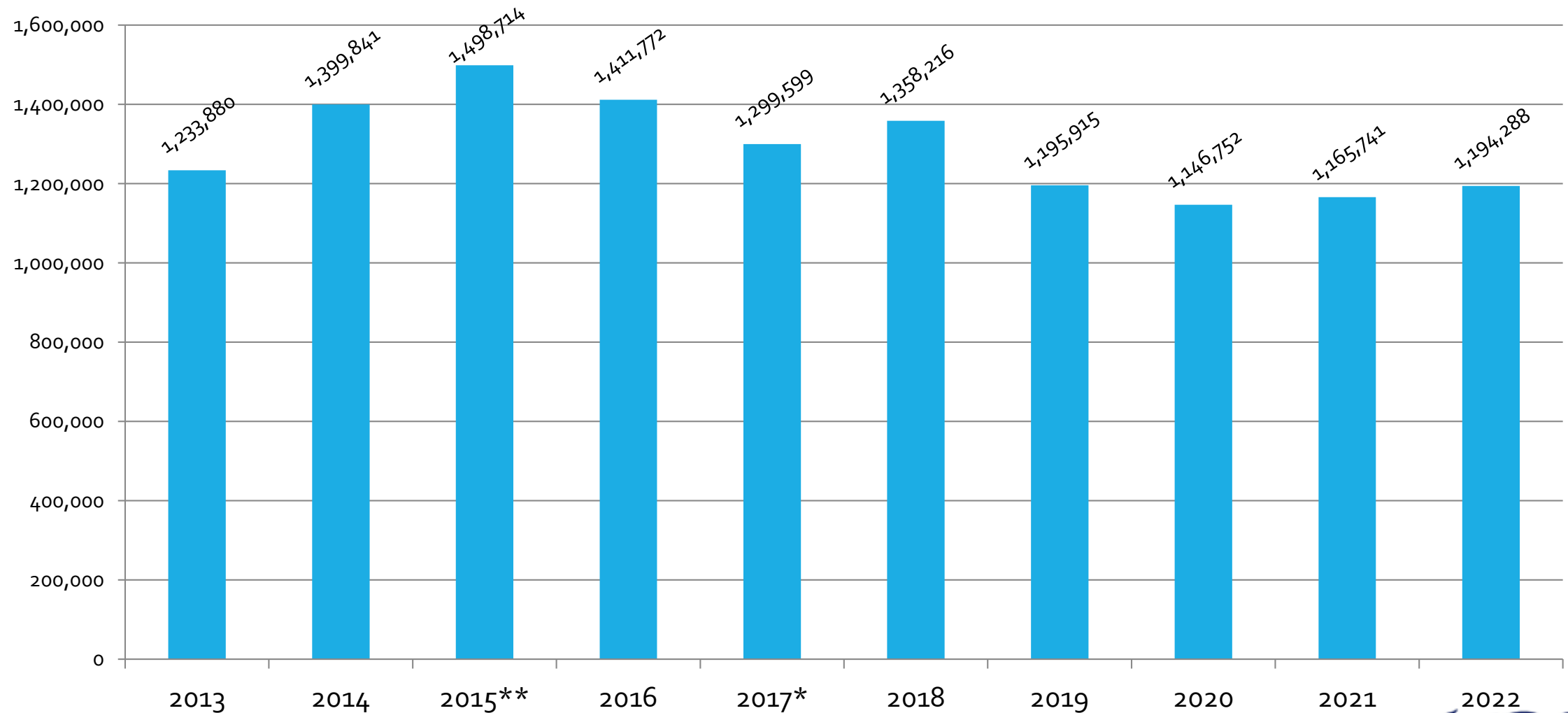
Chart Legend

Total Users

Avg. Daily Active Users

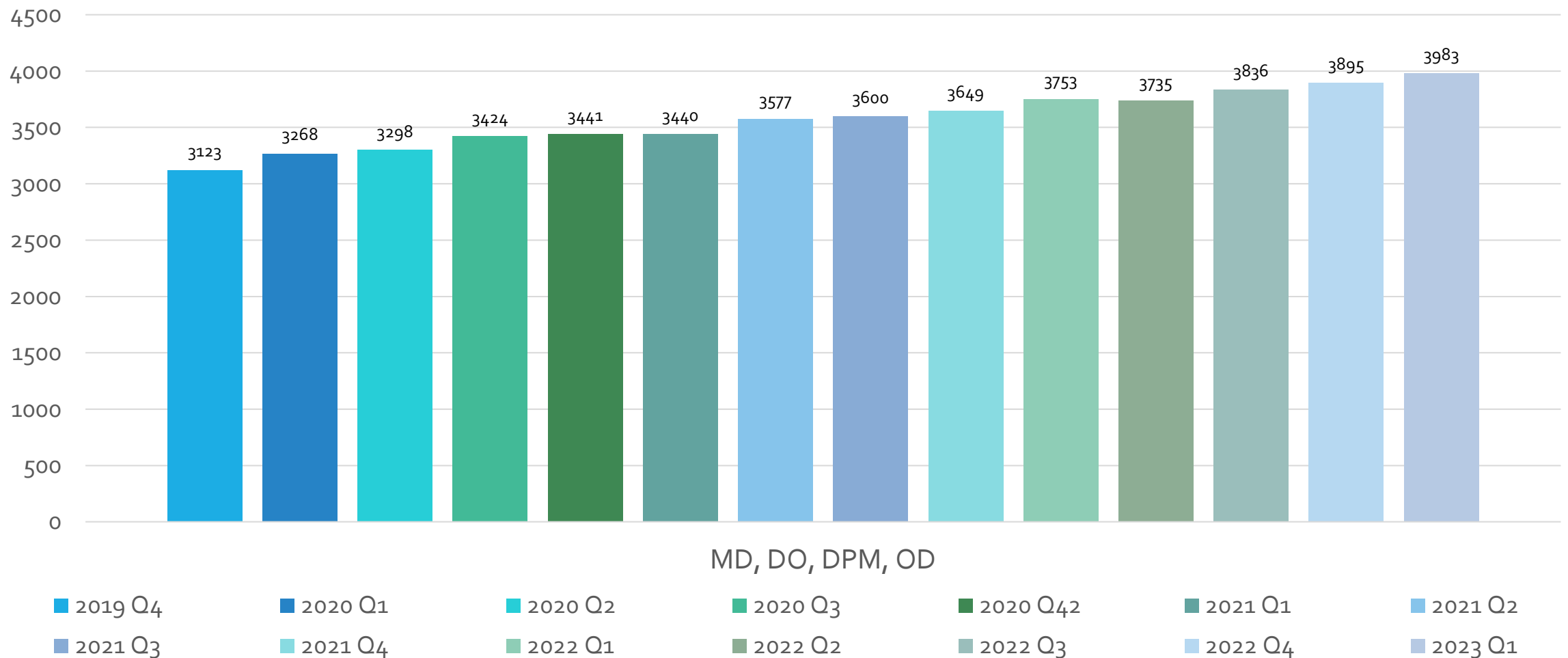
Monthly Active Users

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.

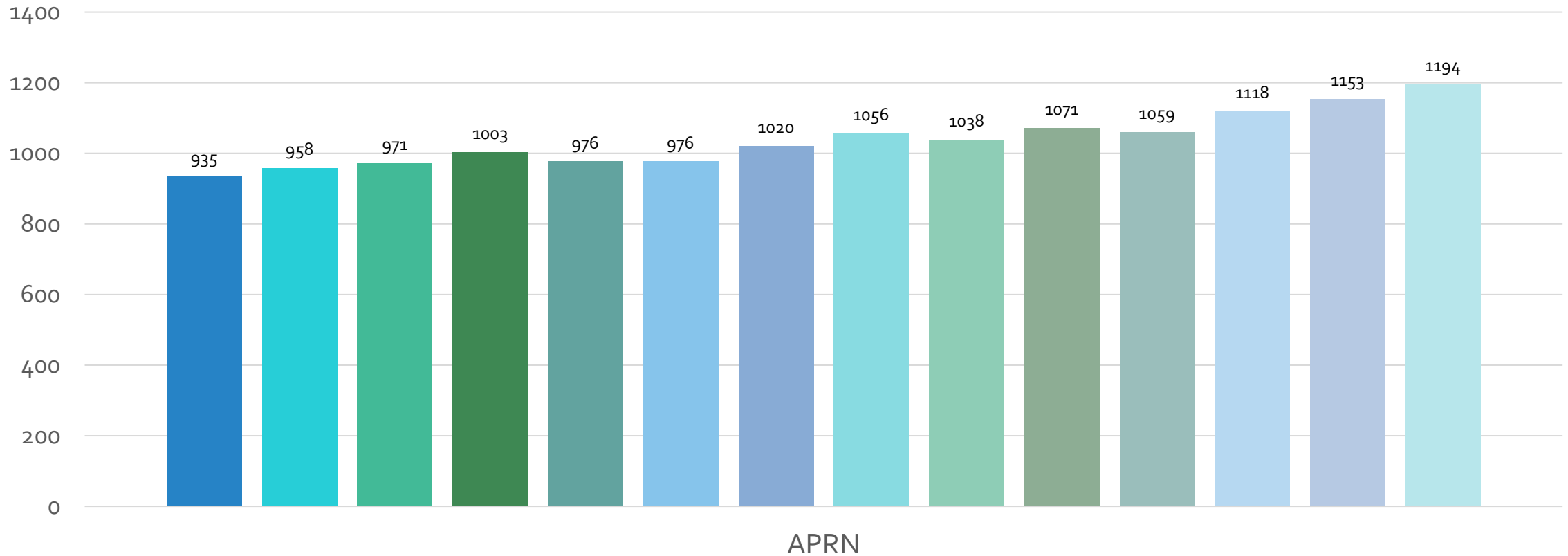
**Veterans Affairs facilities started to report data in October 2015



MEDICAL DOCTORS ACTIVE ACCOUNTS



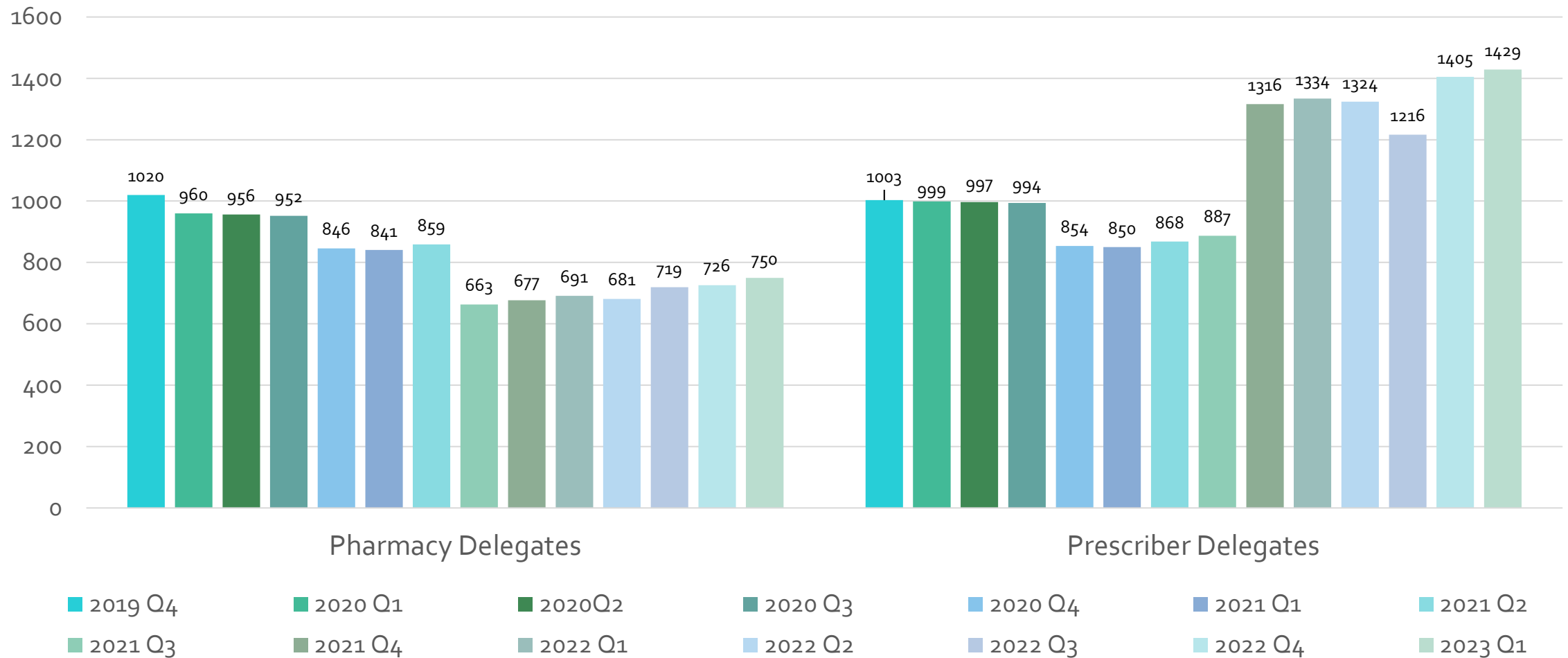
PHARMACISTS ACTIVE ACCOUNTS



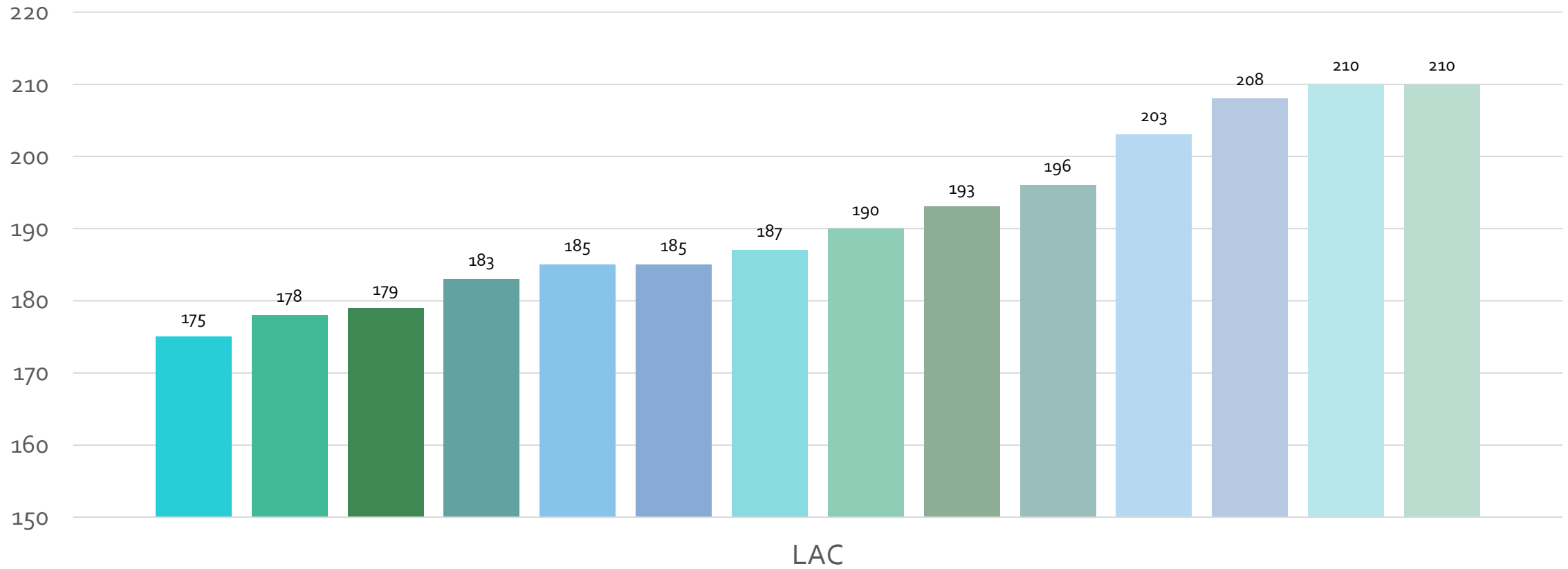
ADVANCED PRACTICE NURSES ACTIVE ACCOUNTS



PHYSICIAN ASSISTANTS AND DENTISTS ACTIVE ACCOUNTS



PHARMACY & PRESCRIBER DELEGATES ACTIVE ACCOUNTS

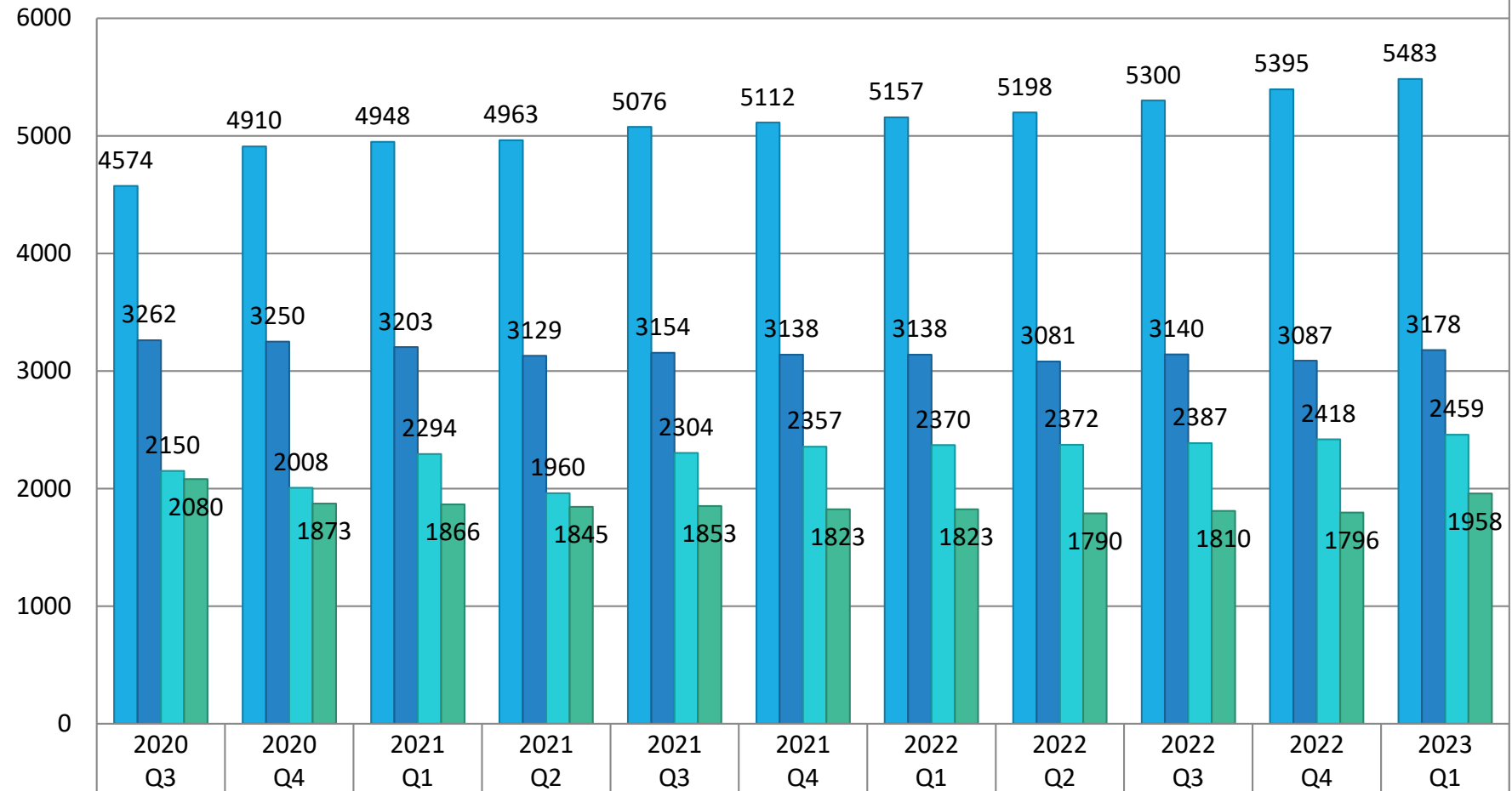


LICENSED ADDICTION COUNSELORS ACTIVE ACCOUNTS



LAW ENFORCEMENT ACTIVE ACCOUNTS

Doctors - Authorization vs. Utilization

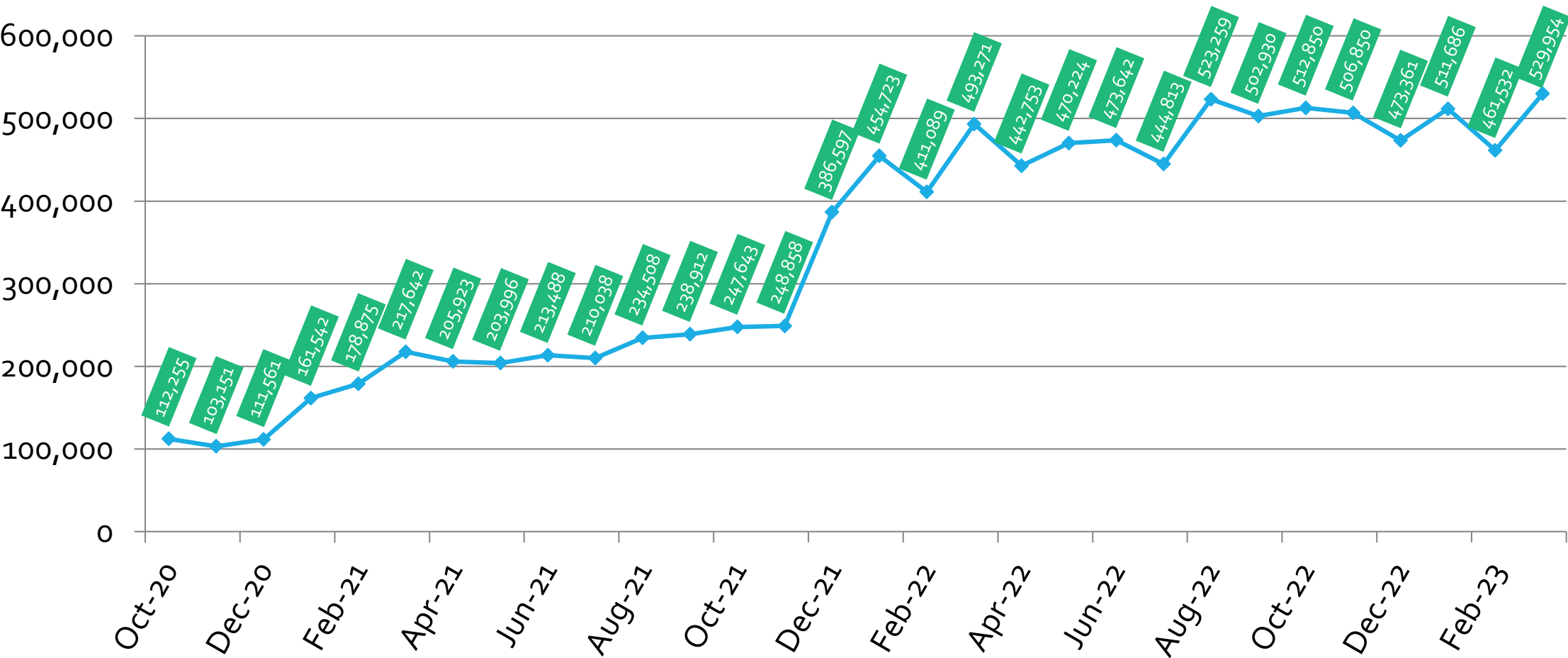


ND DEA Registered Doctors	4574	4910	4948	4963	5076	5112	5157	5198	5300	5395	5483
ND Doctors who authorized prescriptions	3262	3250	3203	3129	3154	3138	3138	3081	3140	3087	3178
ND Doctors also registered with ND PDMP	2150	2008	2294	1960	2304	2357	2370	2372	2387	2418	2459
ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	2080	1873	1866	1845	1853	1823	1823	1790	1810	1796	1958

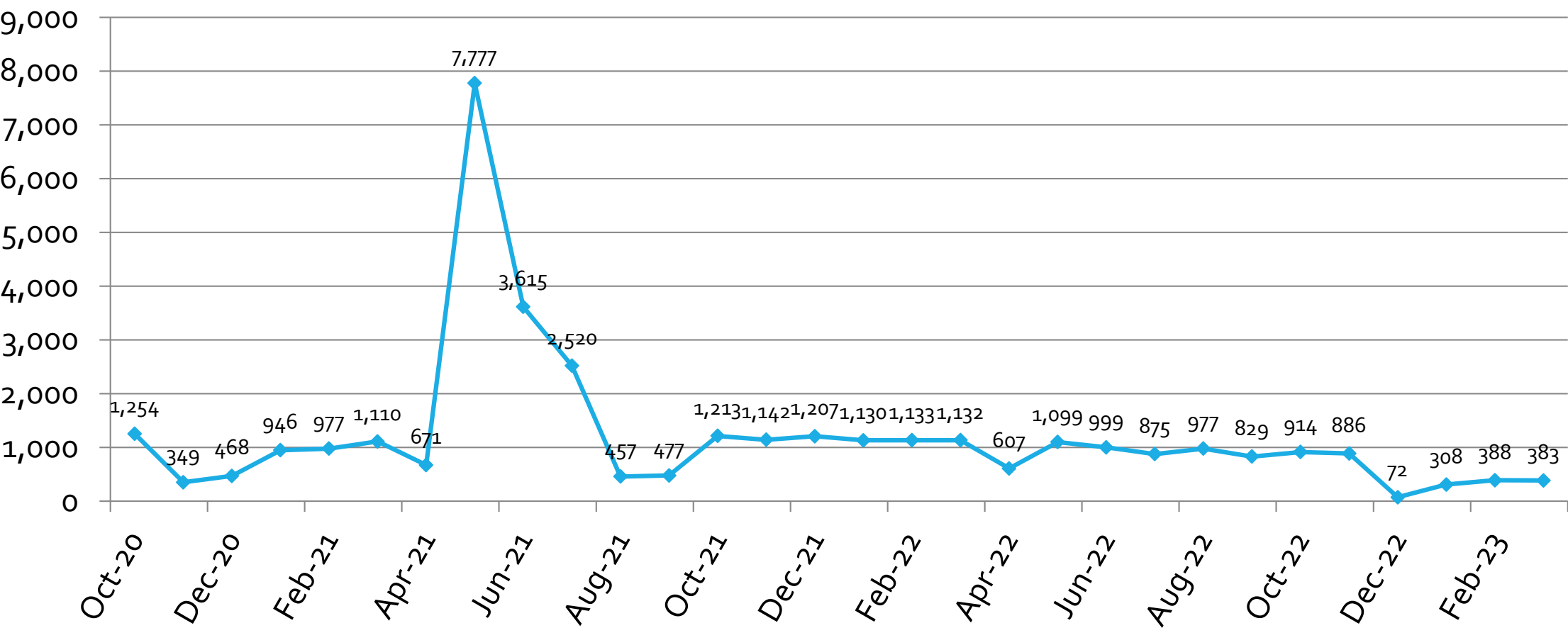
Other Practitioners - Authorization vs. Utilization



ND Gateway Monthly Requests



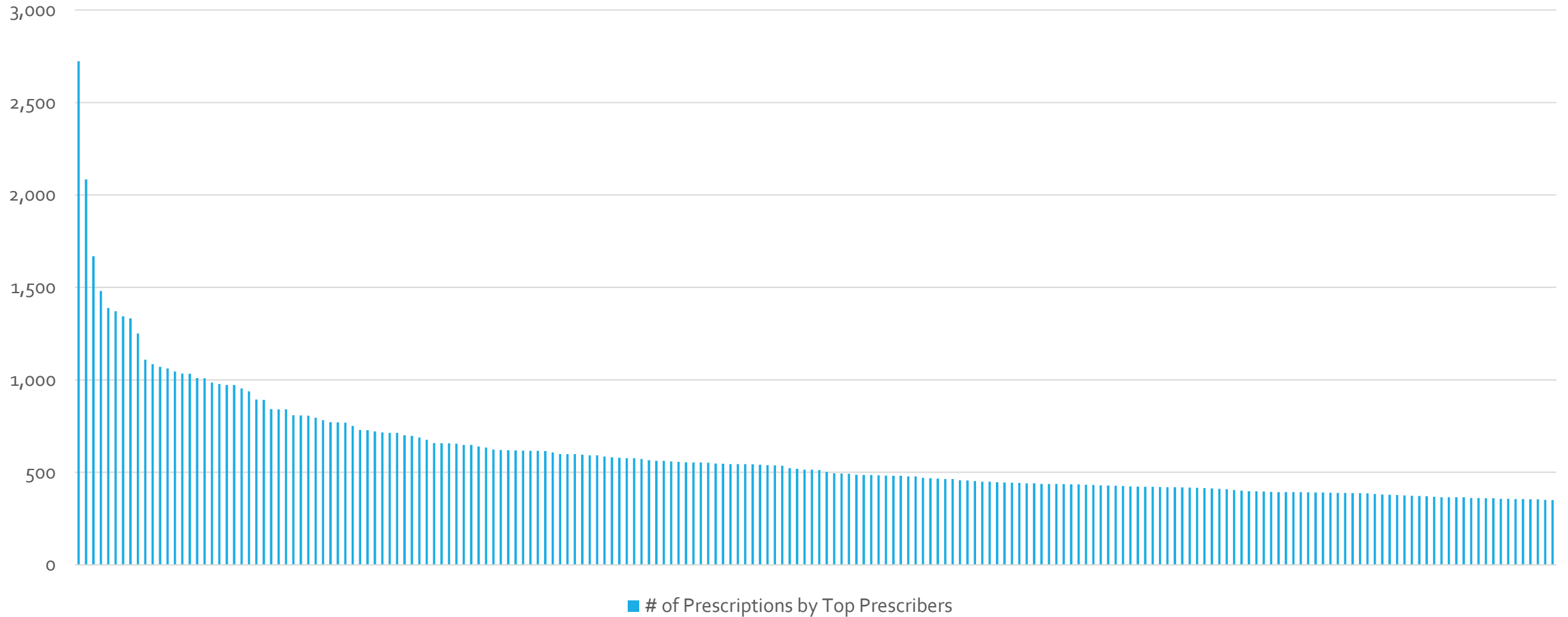
ND Health Information Network Requests



Prescriptions Dispensed by Class

	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3	2022 Q4	2023 Q1
Anesthetic	399	377	375	408	356	351	339	300	271	283	356	290	278
Cannabinoid	210	150	160	144	129	171	184	133	139	190	129	153	126
Narcotic/ Opioids	122,044	103,889	114,258	114,039	108,591	113,094	111,760	116,319	111,085	110,425	109,155	115,735	114,039
Other	46,489	44,706	46,866	47,607	45,555	47,138	47,397	47,924	45,938	40,445	46,033	38,230	38,095
Sedative	95,345	89,807	92,203	93,173	89,719	89,719	90,765	90,929	89,194	97,260	90,502	100,119	103,135
Steroid	2,749	2,690	2,700	2,835	2,829	2,969	3,118	3,312	3,279	3,523	2,841	3,635	3,744
Stimulant	58,481	52,224	54,333	57,611	59,052	60,717	62,350	65,936	67,644	70,232	59,331	76,563	80,612
Blank	151	119	213	155	140	147	172	201	208	207	140	68	167
Total	326,679	294,730	311,907	316,777	306,845	314,306	316,085	325,054	317,782	322,565	308,960	334,951	340,268

of Prescriptions by Top Prescribers



TOP 200 PRESCRIBERS BY NUMBER OF PRESCRIPTIONS 2022 QUARTER 4

Reportable Prescriptions per Patient County

Quarter 1 - 2023

Patient County	2023 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	284,235	0.37	15,670,245	20.26	99,962	2.72	156.76
Adams	2,237	1,024	0.46	61,277	27.39	263	3.89	232.99
Barnes	10,869	5,349	0.49	294,581	27.10	1,582	3.38	186.21
Benson	6,090	2,631	0.43	133,337	21.89	804	3.27	165.84
Billings	839	196	0.23	11,439	13.63	82	2.39	139.50
Bottineau	6,442	2,050	0.32	116,605	18.10	809	2.53	144.13
Bowman	3,024	888	0.29	49,399	16.34	313	2.84	157.82
Burke	2,177	750	0.34	45,568	20.93	243	3.09	187.52
Burleigh	97,895	34,802	0.36	1,919,637	19.61	12,765	2.73	150.38
Cass	182,992	65,899	0.36	3,464,706	18.93	22,513	2.93	153.90
Cavalier	3,725	1,374	0.37	81,072	21.76	496	2.77	163.45
Dickey	5,013	1,962	0.39	115,859	23.11	633	3.10	183.03
Divide	2,196	775	0.35	57,680	26.27	262	2.96	220.15
Dunn	4,054	1,645	0.41	92,744	22.88	574	2.87	161.57
Eddy	2,378	982	0.41	56,613	23.81	308	3.19	183.81
Emmons	3,316	1,022	0.31	53,791	16.22	355	2.88	151.52
Foster	3,396	1,281	0.38	66,127	19.47	468	2.74	141.30
Golden Valley	1,812	651	0.36	34,563	19.07	220	2.96	157.10

Reportable Prescriptions per Patient County

Quarter 1 - 2023

Patient County	2023 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	26,821	0.37	1,431,566	19.58	8,738	3.07	163.83
Grant	2,351	811	0.34	50,863	21.63	297	2.73	171.26
Griggs	2,242	824	0.37	44,466	19.83	334	2.47	133.13
Hettinger	2,502	751	0.30	45,121	18.03	303	2.48	148.91
Kidder	2,397	805	0.34	50,644	21.13	318	2.53	159.26
LaMoure	4,173	1,134	0.27	63,742	15.27	509	2.23	125.23
Logan	1,814	609	0.34	40,042	22.07	230	2.65	174.10
McHenry	5,420	2,011	0.37	120,464	22.23	762	2.64	158.09
McIntosh	2,568	965	0.38	52,784	20.55	366	2.64	144.22
McKenzie	13,762	3,526	0.26	191,920	13.95	1,348	2.62	142.37
McLean	9,788	3,855	0.39	236,190	24.13	1,432	2.69	164.94
Mercer	8,405	2,524	0.30	147,598	17.56	1,013	2.49	145.70
Morton	32,916	12,457	0.38	758,993	23.06	4,574	2.72	165.94
Mountrail	9,717	3,910	0.40	220,109	22.65	1,286	3.04	171.16
Nelson	3,035	1,467	0.48	78,916	26.00	451	3.25	174.98
Oliver	1,850	545	0.29	34,440	18.62	208	2.62	165.58
Pembina	6,912	2,999	0.43	175,071	25.33	1,039	2.89	168.50
Pierce	4,038	1,573	0.39	92,462	22.90	555	2.83	166.60

Reportable Prescriptions per Patient County

Quarter 1 - 2023

Patient County	2023 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	5,310	0.46	295,929	25.43	1,606	3.31	184.26
Ransom	5,679	2,672	0.47	132,153	23.27	795	3.36	166.23
Renville	2,328	917	0.39	47,406	20.36	331	2.77	143.22
Richland	16,546	5,936	0.36	335,494	20.28	2,062	2.88	162.70
Rolette	12,508	5,863	0.47	315,318	25.21	2,082	2.82	151.45
Sargent	3,839	1,245	0.32	76,608	19.96	553	2.25	138.53
Sheridan	1,328	521	0.39	31,827	23.97	196	2.66	162.38
Sioux	3,993	1,200	0.30	72,012	18.03	428	2.80	168.25
Slope	775	115	0.15	7,692	9.93	50	2.30	153.84
Stark	32,710	13,258	0.41	737,293	22.54	4,107	3.23	179.52
Steele	1,870	572	0.31	34,533	18.47	245	2.33	140.95
Stutsman	21,678	9,543	0.44	523,535	24.15	3,123	3.06	167.64
Towner	2,190	962	0.44	61,905	28.27	343	2.80	180.48
Traill	8,008	3,024	0.38	182,944	22.85	2,413	1.25	75.82
Walsh	10,631	4,700	0.44	258,467	24.31	1,634	2.88	158.18
Ward	69,686	22,264	0.32	1,219,620	17.50	8,266	2.69	147.55
Wells	4,031	1,843	0.46	103,102	25.58	653	2.82	157.89
Williams	38,460	13,422	0.35	744,019	19.35	4,622	2.90	160.97

Opioid Prescriptions per ND Patient County

Quarter 1 - 2023

Patient County	2023 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
Grand Total	773,344	86,154	0.11	4,052,829	5.24	39,111	2.20	103.62
Adams	2,237	482	0.22	26,489	11.84	157	3.07	168.72
Barnes	10,869	1,618	0.15	74,940	6.89	649	2.49	115.47
Benson	6,090	1,252	0.21	53,766	8.83	419	2.99	128.32
Billings	839	33	0.04	921	1.10	20	1.65	46.05
Bottineau	6,442	647	0.10	29,907	4.64	327	1.98	91.46
Bowman	3,024	284	0.09	16,154	5.34	157	1.81	102.89
Burke	2,177	310	0.14	16,689	7.67	121	2.56	137.93
Burleigh	97,895	11,046	0.11	542,568	5.54	5,080	2.17	106.80
Cass	182,992	15,772	0.09	601,581	3.29	7,569	2.08	79.48
Cavalier	3,725	428	0.11	22,447	6.03	222	1.93	101.11
Dickey	5,013	612	0.12	35,552	7.09	243	2.52	146.30
Divide	2,196	285	0.13	19,533	8.89	116	2.46	168.39
Dunn	4,054	541	0.13	28,530	7.04	235	2.30	121.40
Eddy	2,378	320	0.13	19,667	8.27	127	2.52	154.86
Emmons	3,316	385	0.12	17,516	5.28	167	2.31	104.89
Foster	3,396	477	0.14	24,279	7.15	196	2.43	123.87
Golden Valley	1,812	201	0.11	11,303	6.24	103	1.95	109.74

Opioid Prescriptions per ND Patient County

Quarter 1 - 2023

Patient County	2023 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
Grand Forks	73,101	7,892	0.11	367,586	5.03	3,460	2.28	106.24
Grant	2,351	324	0.14	18,241	7.76	161	2.01	113.30
Griggs	2,242	215	0.10	8,048	3.59	95	2.26	84.72
Hettinger	2,502	304	0.12	17,601	7.03	145	2.10	121.39
Kidder	2,397	290	0.12	16,738	6.98	131	2.21	127.77
LaMoure	4,173	335	0.08	12,405	2.97	186	1.80	66.69
Logan	1,814	180	0.10	9,406	5.19	91	1.98	103.36
McHenry	5,420	685	0.13	32,814	6.05	343	2.00	95.67
McIntosh	2,568	386	0.15	16,815	6.55	149	2.59	112.85
McKenzie	13,762	1,134	0.08	54,672	3.97	588	1.93	92.98
McLean	9,788	1,543	0.16	80,613	8.24	685	2.25	117.68
Mercer	8,405	999	0.12	54,855	6.53	443	2.26	123.83
Morton	32,916	4,358	0.13	240,161	7.30	1,927	2.26	124.63
Mountrail	9,717	1,328	0.14	70,222	7.23	574	2.31	122.34
Nelson	3,035	559	0.18	26,497	8.73	255	2.19	103.91
Oliver	1,850	154	0.08	7,431	4.02	66	2.33	112.59
Pembina	6,912	966	0.14	46,877	6.78	440	2.20	106.54
Pierce	4,038	485	0.12	21,839	5.41	234	2.07	93.33

Opioid Prescriptions per ND Patient County

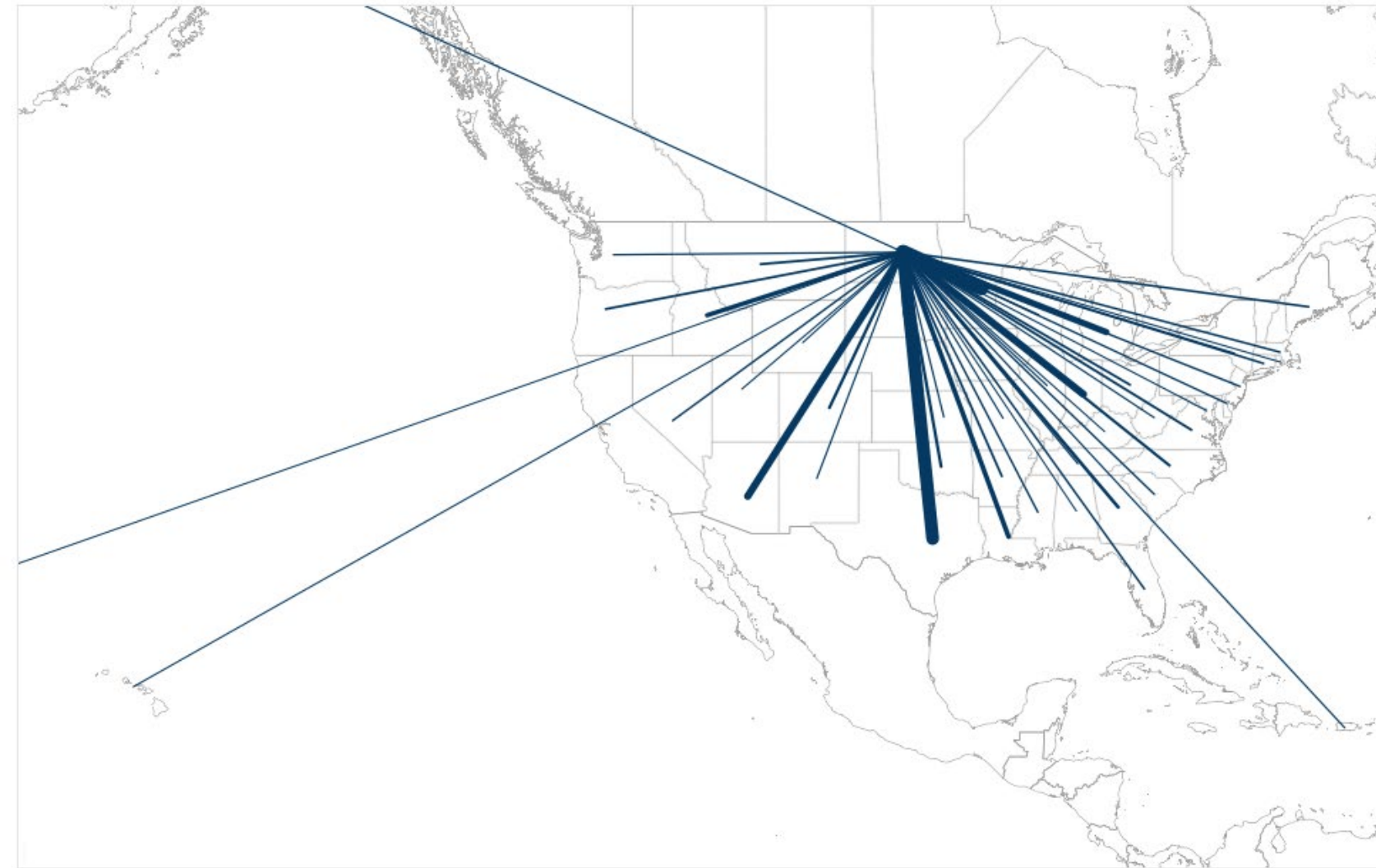
Quarter 1 - 2023

Patient County	2023 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
Ramsey	11,638	1,950	0.17	95,614	8.22	722	2.70	132.43
Ransom	5,679	738	0.13	28,884	5.09	304	2.43	95.01
Renville	2,328	237	0.10	9,072	3.90	111	2.14	81.73
Richland	16,546	1,653	0.10	65,194	3.94	819	2.02	79.60
Rolette	12,508	2,015	0.16	115,901	9.27	863	2.33	134.30
Sargent	3,839	368	0.10	15,715	4.09	189	1.95	83.15
Sheridan	1,328	198	0.15	10,713	8.07	82	2.41	130.65
Sioux	3,993	557	0.14	28,086	7.03	231	2.41	121.58
Slope	775	30	0.04	2,247	2.90	13	2.31	172.85
Stark	32,710	4,985	0.15	250,908	7.67	2,099	2.37	119.54
Steele	1,870	152	0.08	7,145	3.82	89	1.71	80.28
Stutsman	21,678	2,913	0.13	125,965	5.81	1,280	2.28	98.41
Towner	2,190	322	0.15	21,373	9.76	145	2.22	147.40
Traill	8,008	767	0.10	30,826	3.85	394	1.95	78.24
Walsh	10,631	1,470	0.14	74,819	7.04	675	2.18	110.84
Ward	69,686	5,958	0.09	258,166	3.70	2,903	2.05	88.93
Wells	4,031	635	0.16	30,904	7.67	274	2.32	112.79
Williams	38,460	4,376	0.11	236,634	6.15	2,037	2.15	116.17

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.

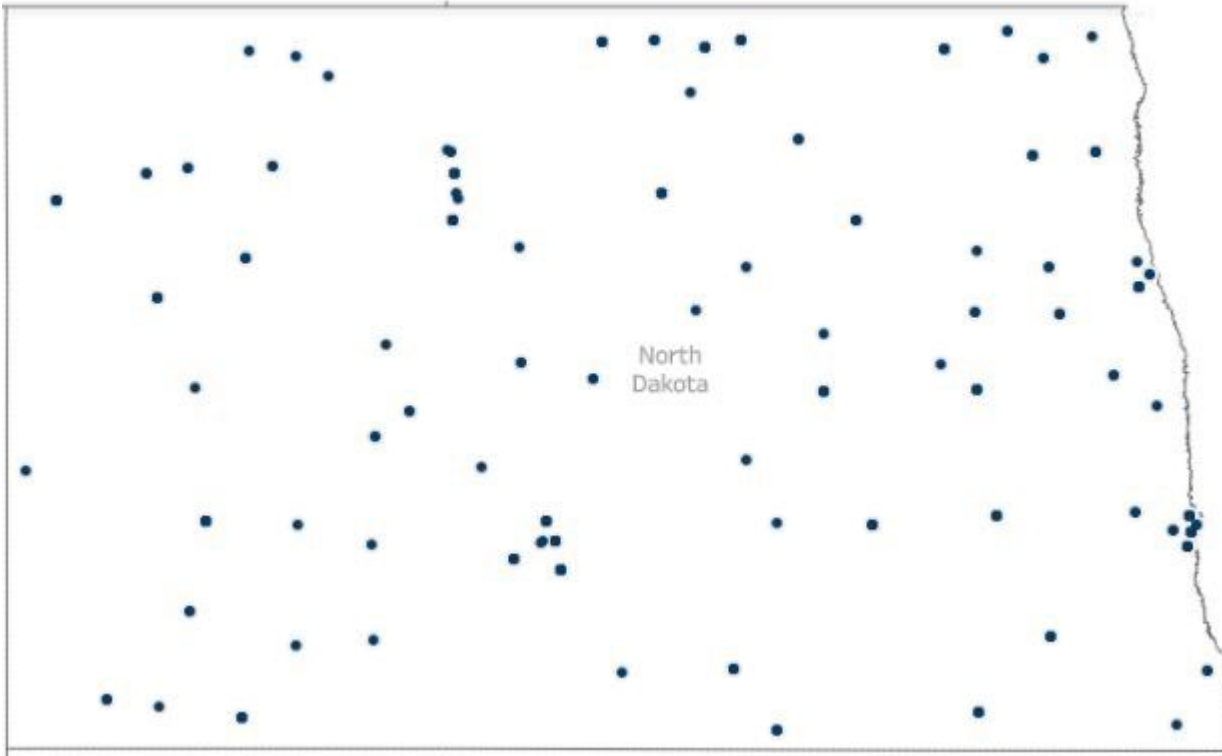


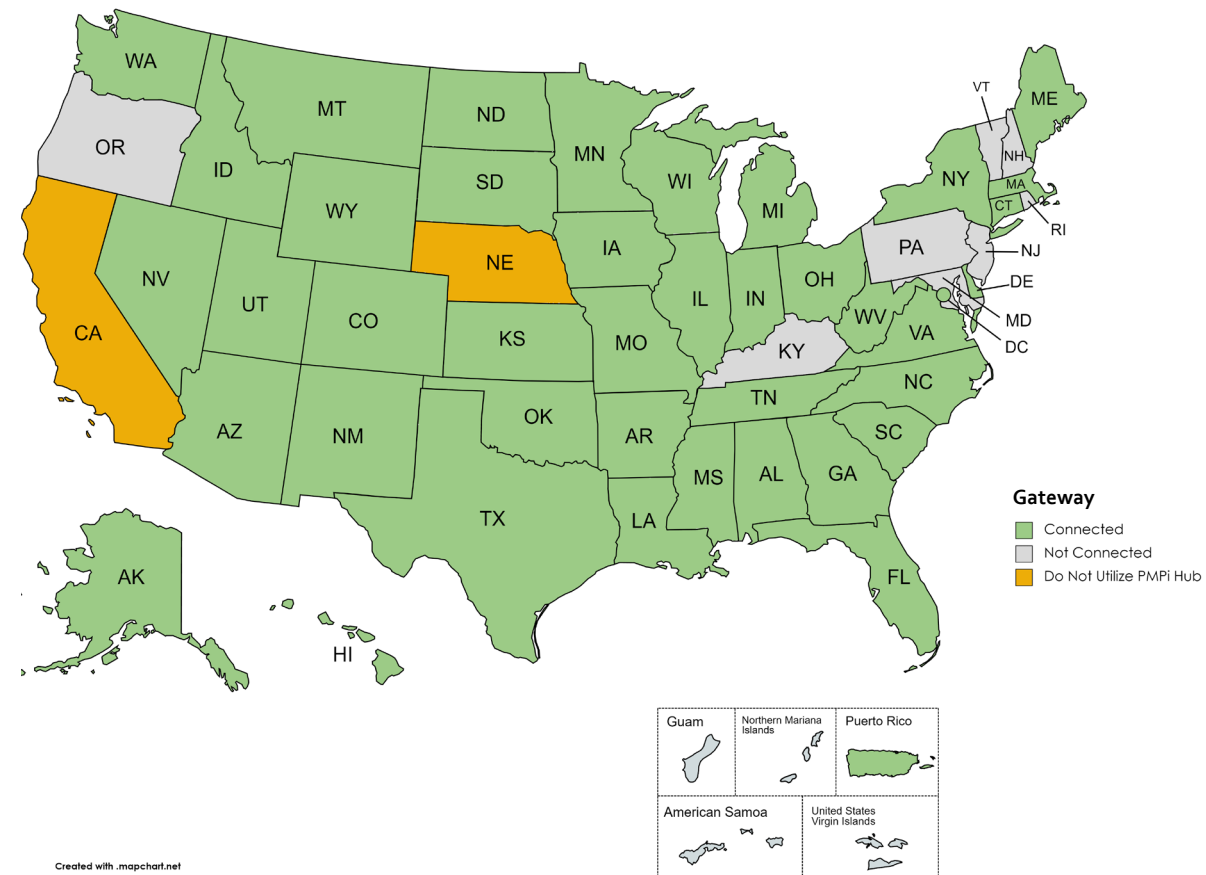
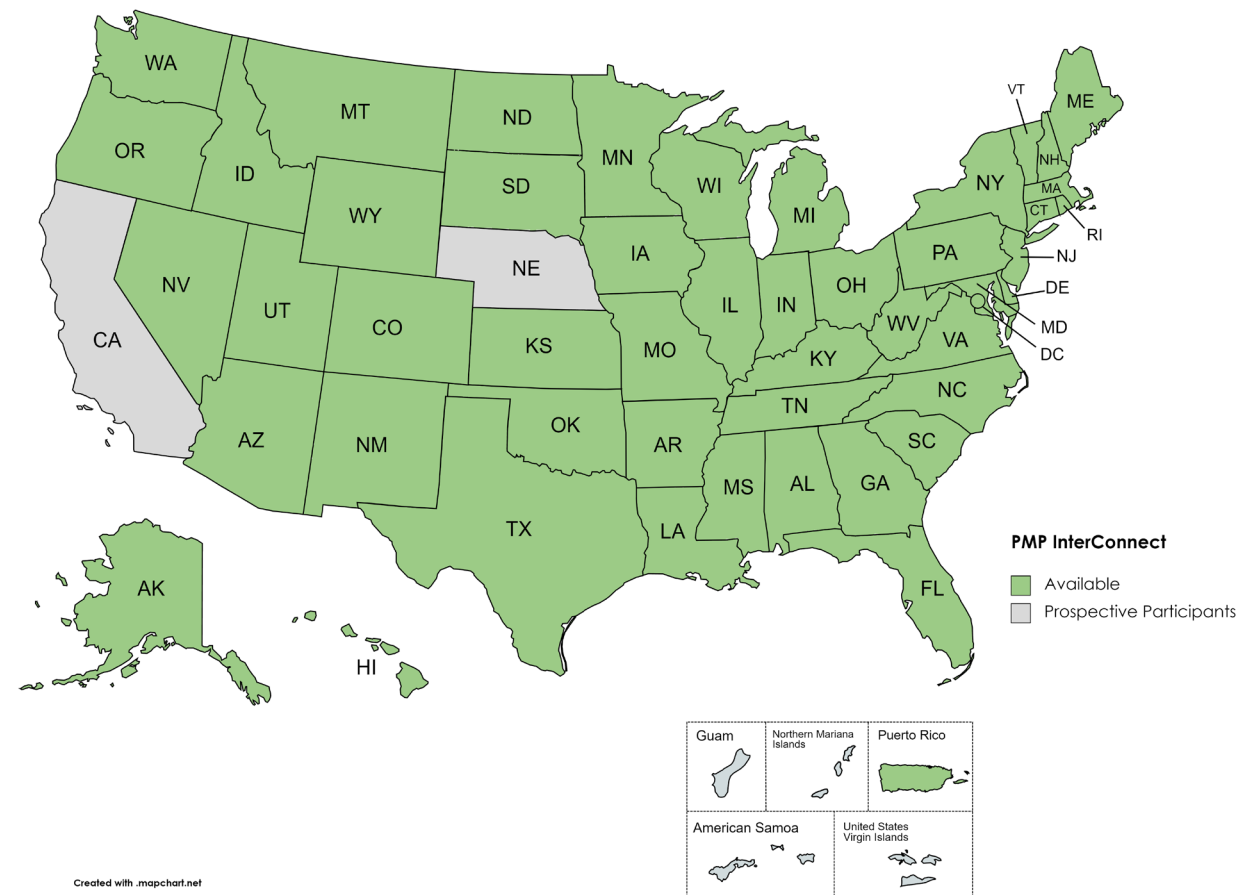
Gateway Facilities

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>





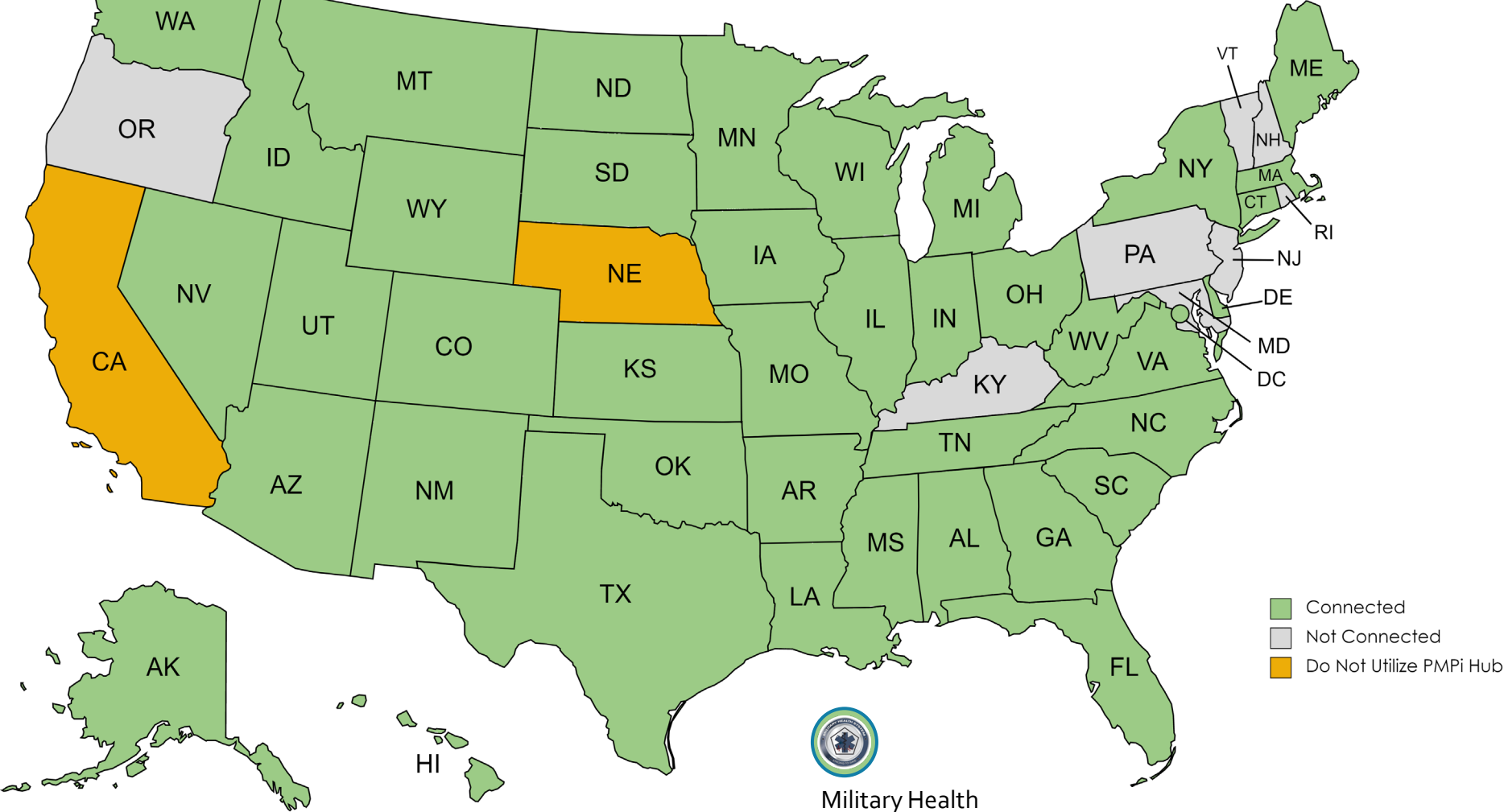
PDMP Interstate Sharing Hub, PMP Interconnect

- 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

