

Prescription Drug Monitoring Program Facts, Figures, and Trends 2nd Quarter 2022

North Dakota Board of Pharmacy
Kathy Zahn, RPhTech, CPhT, PDMP Program Administrator
1906 E. Broadway Ave
Bismarck, ND 58501
701-328-9537
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						
241	211	241	216	236	216						
1417	1460	1430	1358	1358	1322						

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

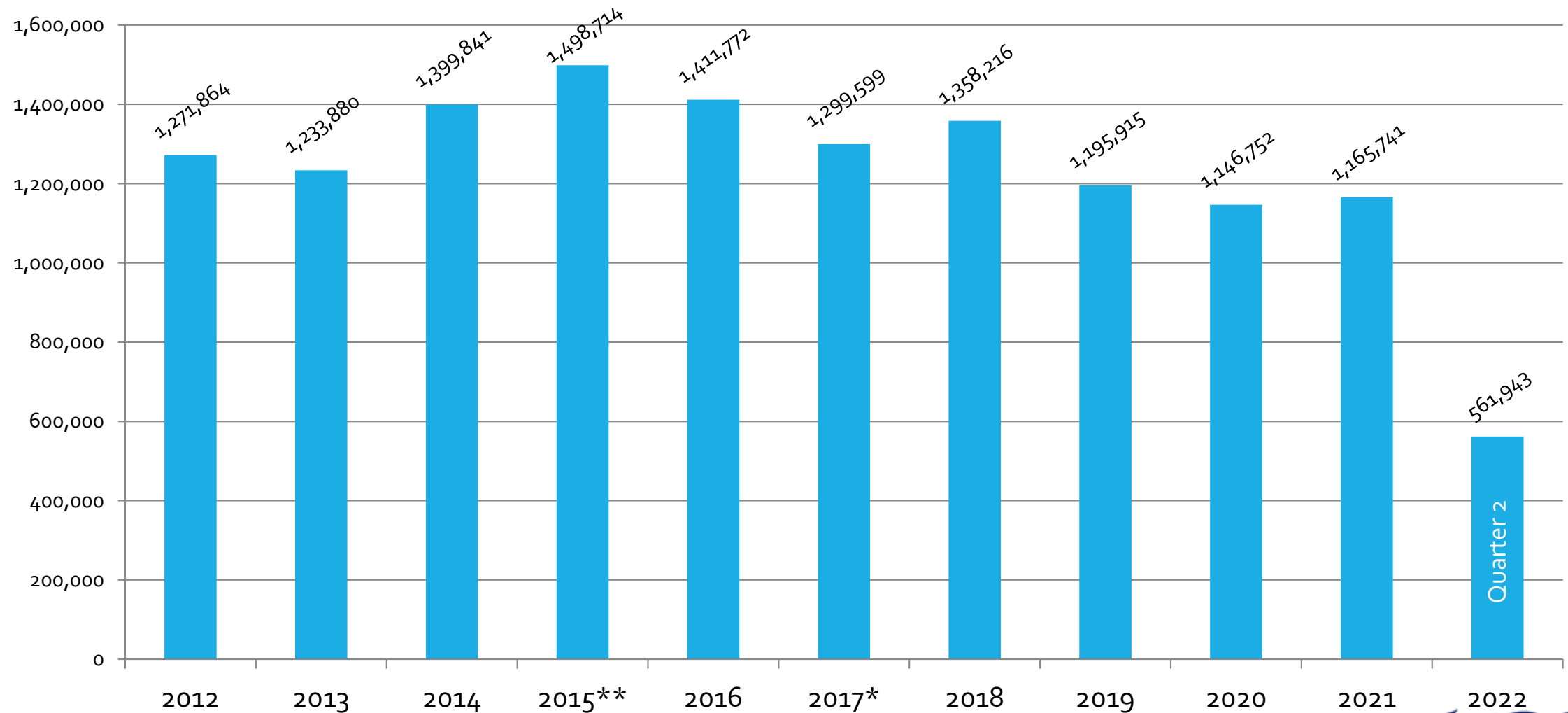
Chart Legend

Total Users

Avg. Daily Active Users

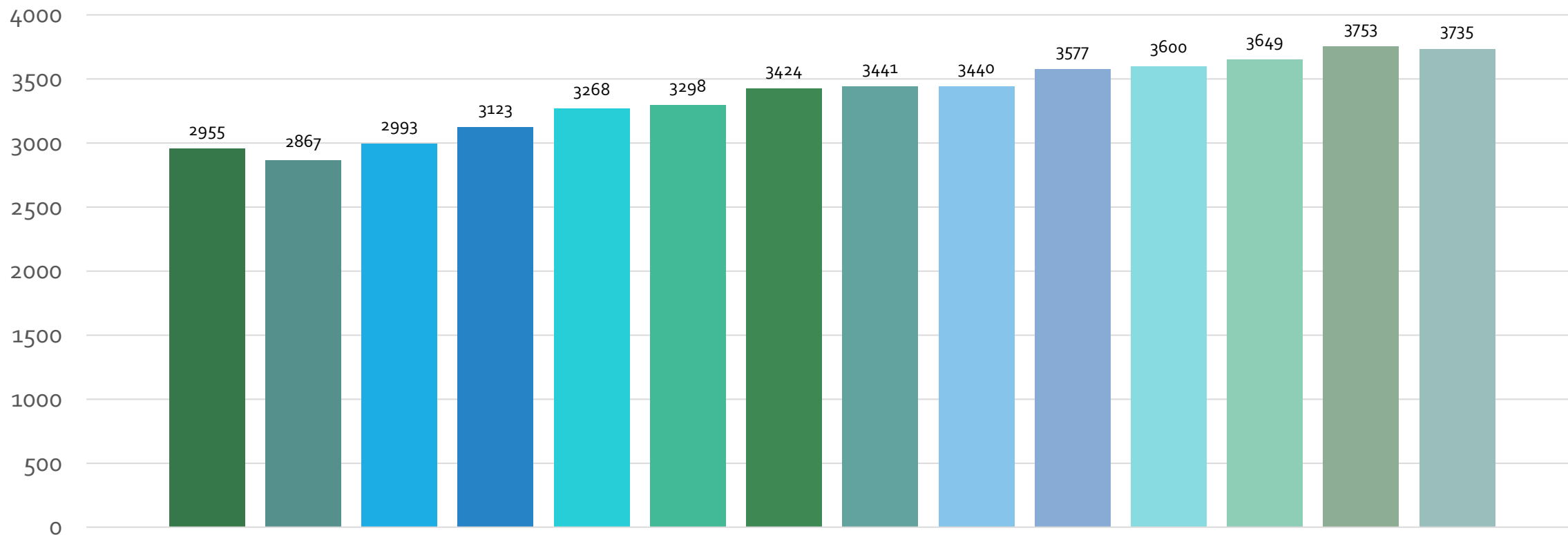
Monthly Active Users

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.

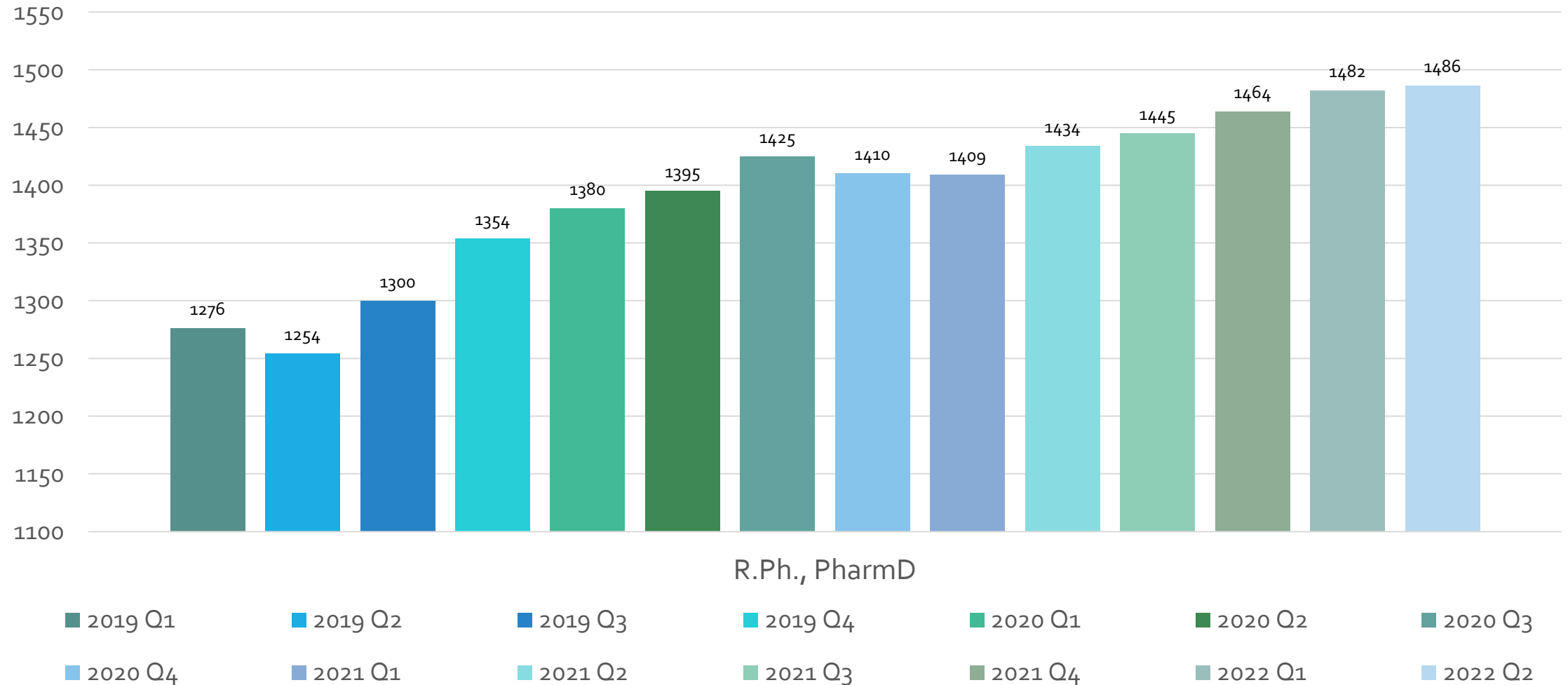
**Veterans Affairs facilities started to report data in October 2015



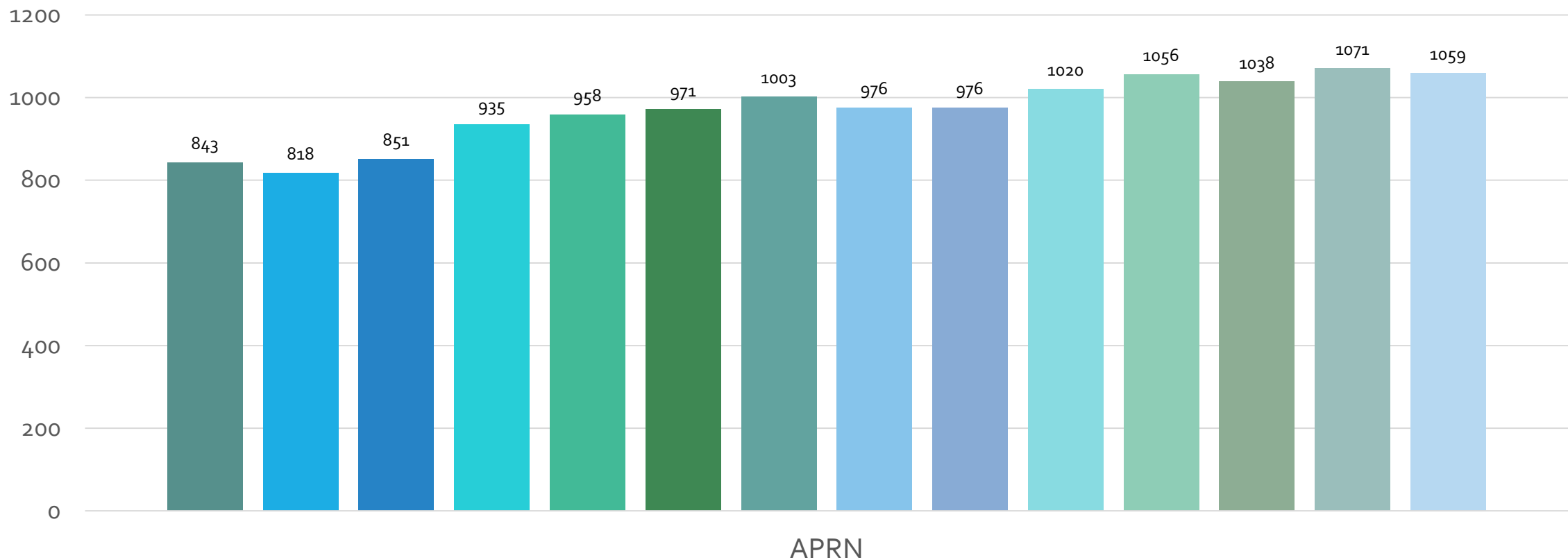
MD, DO, DPM, OD

■ 2019 Q1 ■ 2019 Q2 ■ 2019 Q3 ■ 2019 Q4 ■ 2020 Q1 ■ 2020 Q2 ■ 2020 Q3
■ 2020 Q4 ■ 2021 Q1 ■ 2021 Q2 ■ 2021 Q3 ■ 2021 Q4 ■ 2022 Q1 ■ 2022 Q2

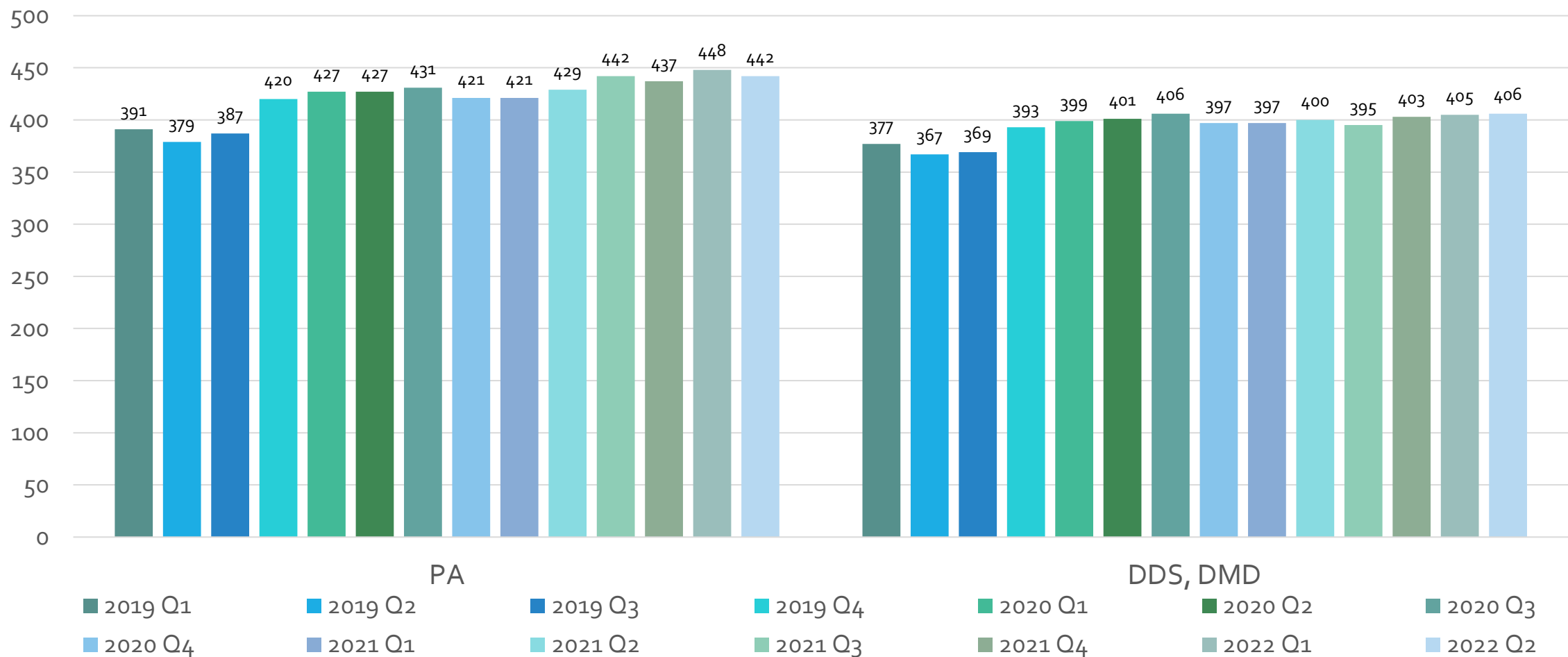
MEDICAL DOCTORS ACTIVE ACCOUNTS



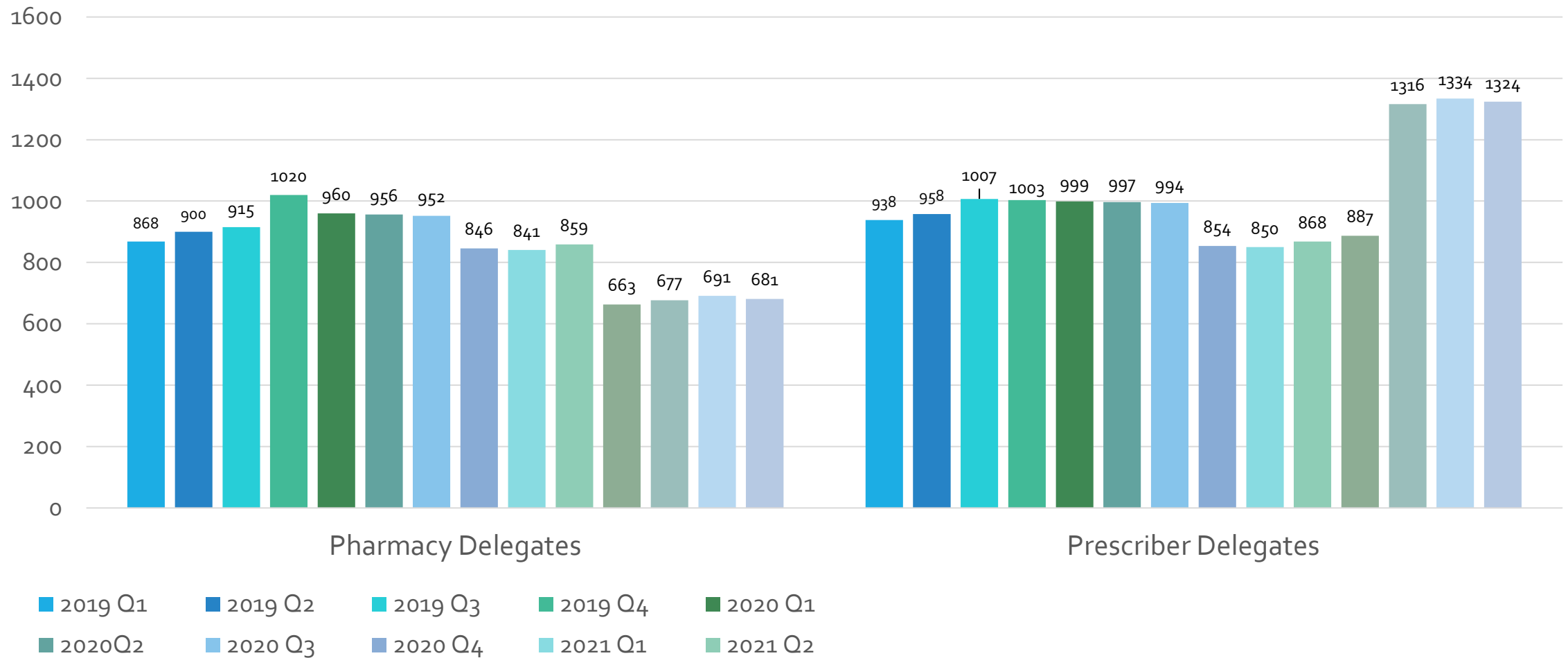
PHARMACISTS ACTIVE ACCOUNTS



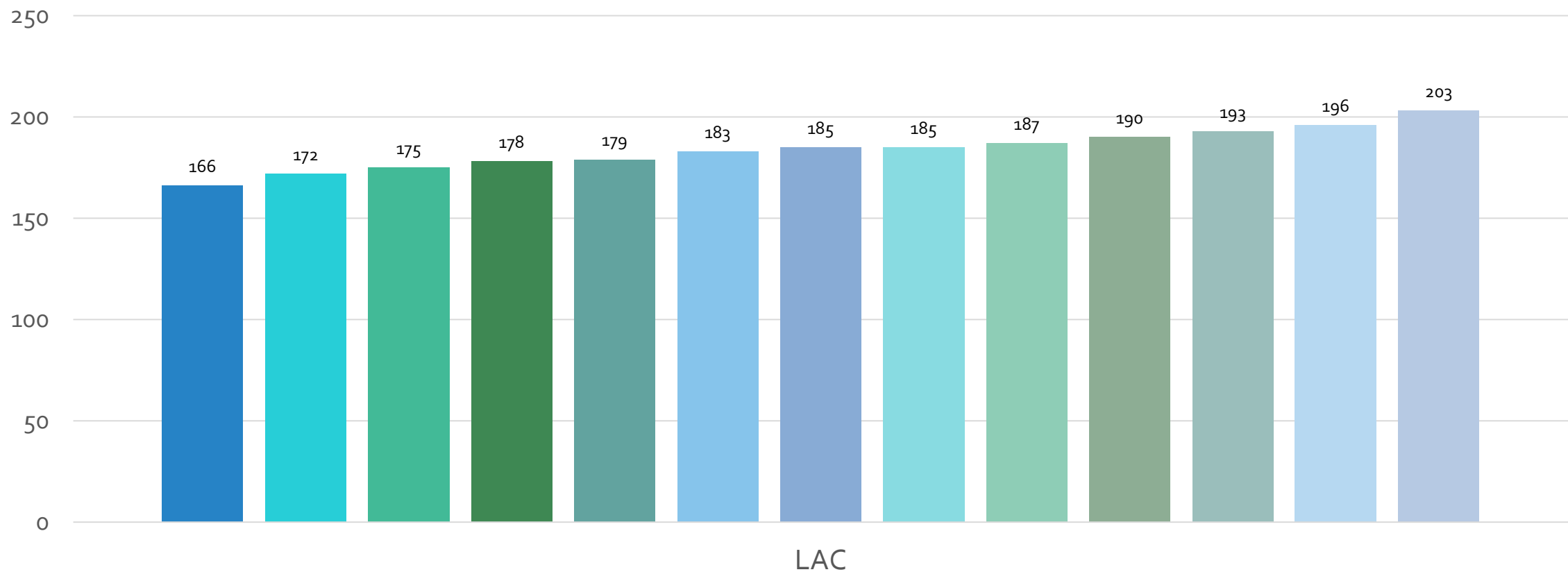
ADVANCED PRACTICE NURSES ACTIVE ACCOUNTS



PHYSICIAN ASSISTANTS AND DENTISTS ACTIVE ACCOUNTS

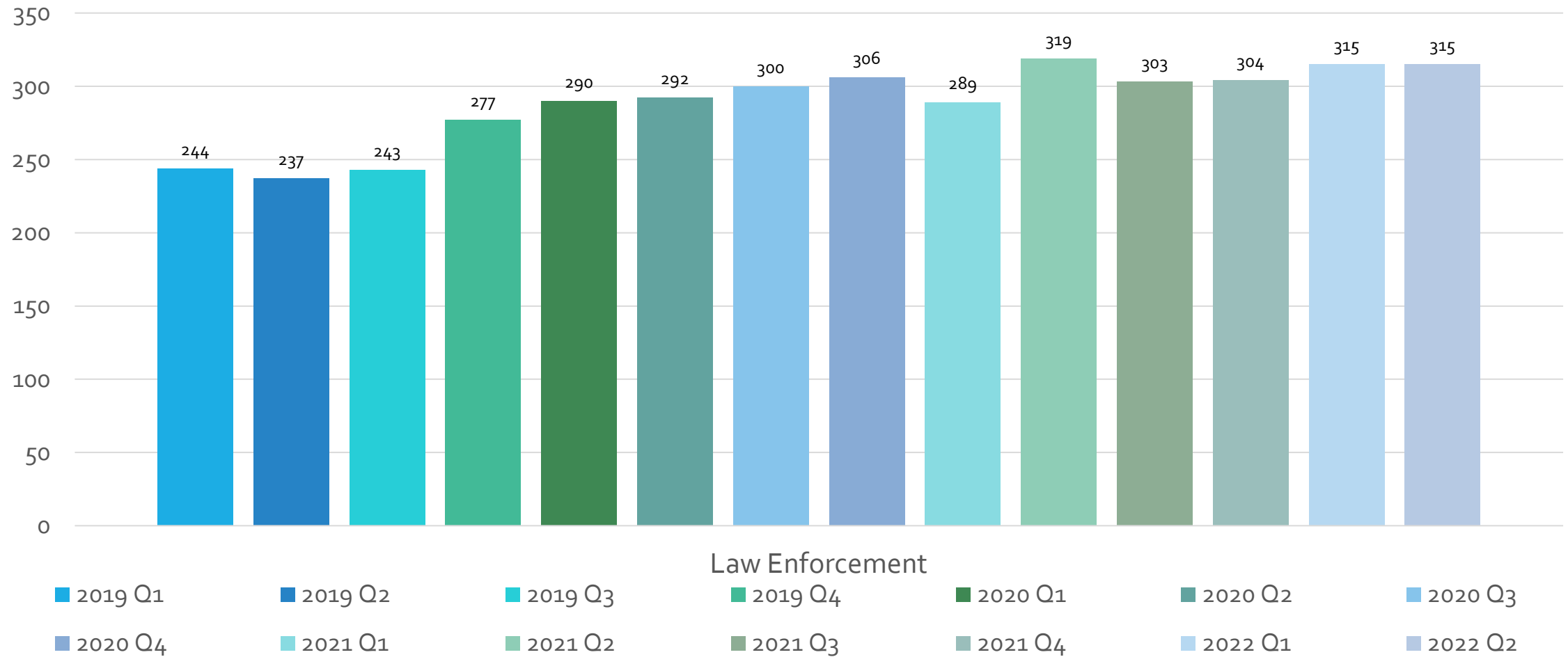


PHARMACY & PRESCRIBER DELEGATES ACTIVE ACCOUNTS



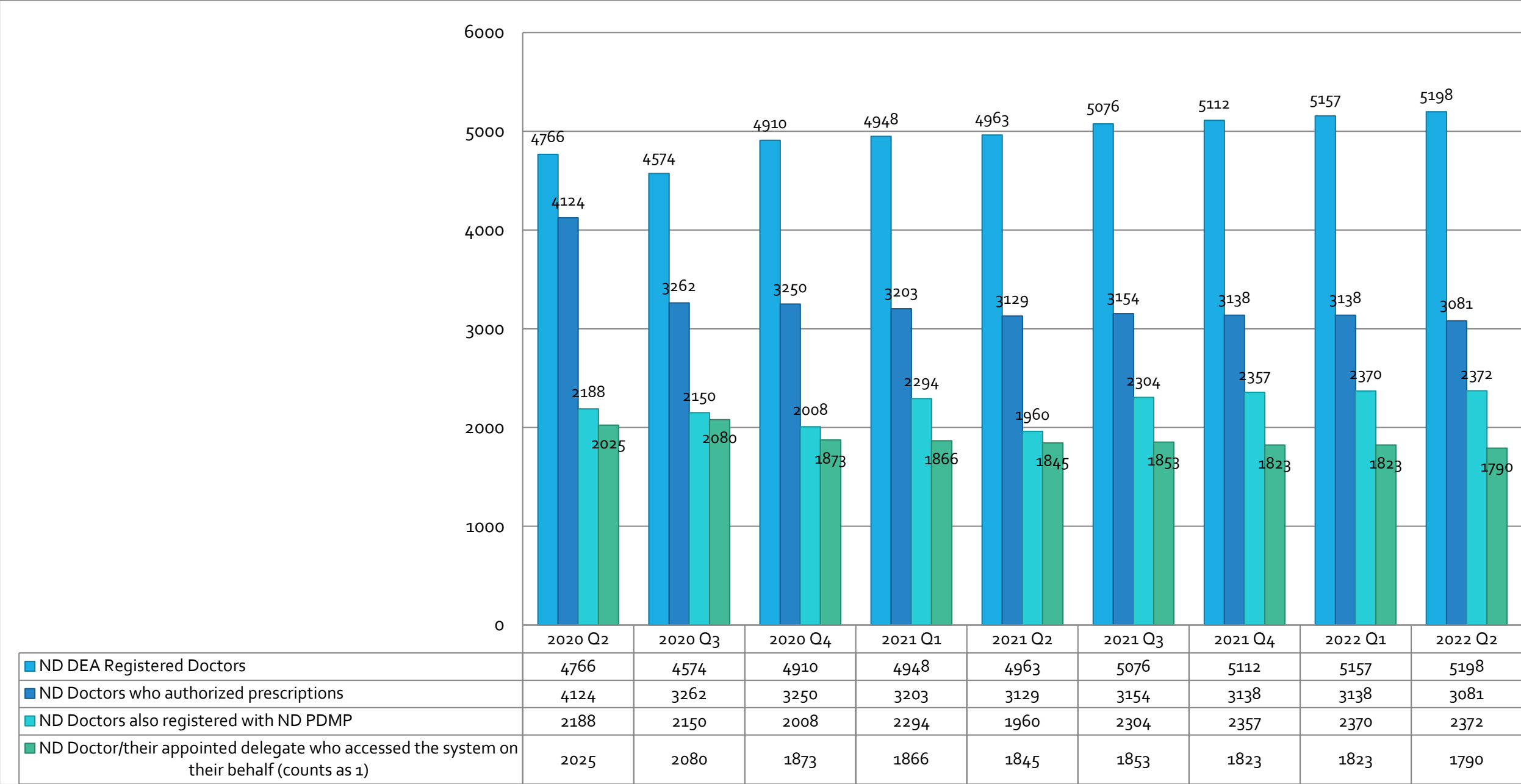
■ 2019 Q2 ■ 2019 Q3 ■ 2019 Q4 ■ 2020 Q1 ■ 2020 Q2 ■ 2020 Q3 ■ 2020 Q4 ■ 2021 Q1 ■ 2021 Q2 ■ 2021 Q3 ■ 2021 Q4 ■ 2022 Q1 ■ 2022 Q2

LICENSED ADDICTION COUNSELORS ACTIVE ACCOUNTS



LAW ENFORCEMENT ACTIVE ACCOUNTS

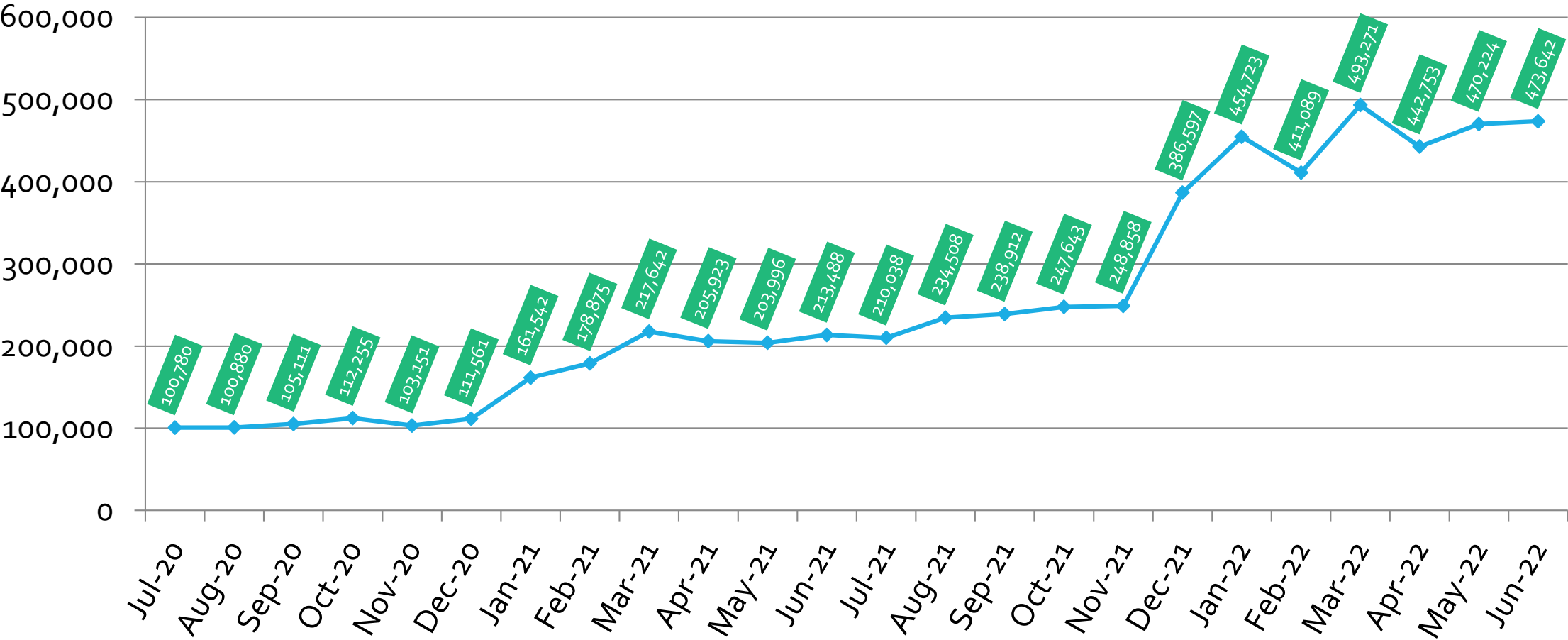
Doctors - Authorization vs. Utilization



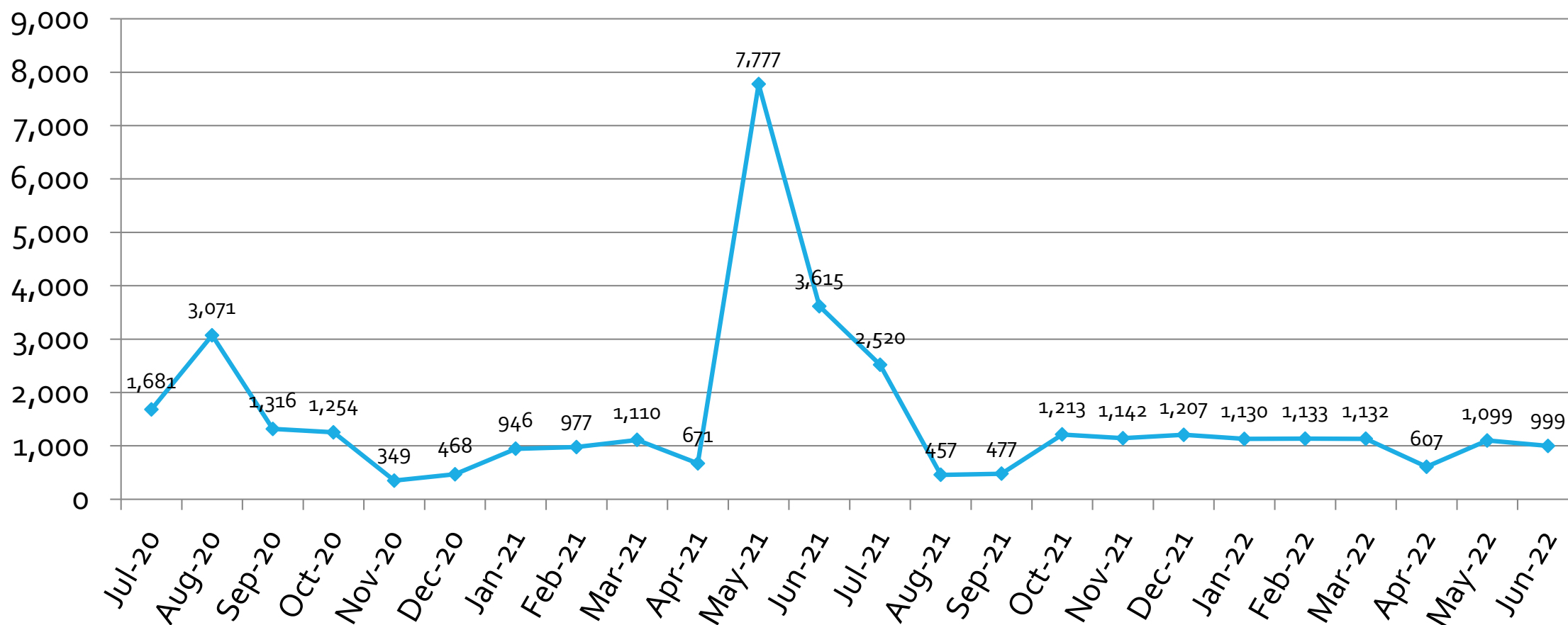
Other Practitioners - Authorization vs. Utilization



ND Gateway Monthly Requests



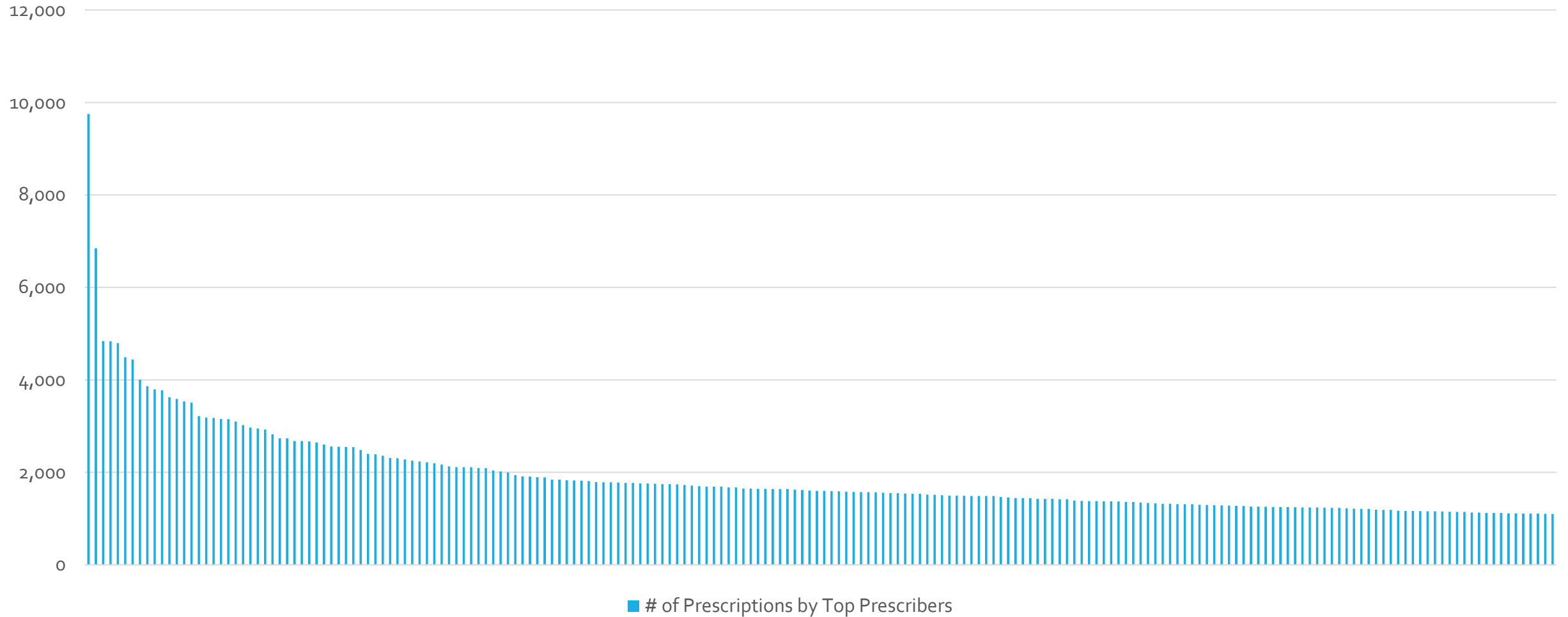
ND Health Information Network Requests



Prescriptions Dispensed by Class

	2019 Q2	2019 Q3	2019 Q4	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2
Anesthetic	558	525	528	399	377	375	408	356	351	339	300	271	283
Cannabinoid	195	167	167	210	150	160	144	129	171	184	133	139	190
Narcotic/ Opioids	120,582	121,118	121,586	122,044	103,889	114,258	114,039	108,591	113,094	111,760	116,319	111,085	110,425
Other	46,193	47,538	47,801	46,489	44,706	46,866	47,607	45,555	47,138	47,397	47,924	45,938	40,445
Sedative	95,053	96,786	97,130	95,345	89,807	92,203	93,173	89,719	89,719	90,765	90,929	89,194	97,260
Steroid	2,520	2,736	2,762	2,749	2,690	2,700	2,835	2,829	2,969	3,118	3,312	3,279	3,523
Stimulant	53,420	54,666	54,853	58,481	52,224	54,333	57,611	59,052	60,717	62,350	65,936	67,644	70,232
Blank	133	150	153	151	119	213	155	140	147	172	201	208	207
Total	319,416	324,462	325,760	326,679	294,730	311,907	316,777	306,845	314,306	316,085	325,054	317,782	322,565

of Prescriptions by Top Prescribers



TOP 200 PRESCRIBERS BY NUMBER OF PRESCRIPTIONS 2022 QUARTER 1

Reportable Prescriptions per Patient County

Quarter 2 - 2022

Orig Patient County	2022 Population	Prescription Count	Prescription Count/Population	Quantity	Qty/Population	Patient Count	Rx County /Pt	Qty/Pt.
Adams	2,036	843	0.41	51,719	25.40	287	2.94	180.21
Barnes	10,079	4,110	0.41	233,036	23.12	1,355	3.03	171.98
Benson	6,454	2,500	0.39	132,652	20.55	799	3.13	166.02
Billings	958	107	0.11	4,123	4.30	49	2.18	84.14
Bottineau	5,934	2,022	0.34	110,096	18.55	823	2.46	133.77
Bowman	2,895	928	0.32	47,903	16.55	333	2.79	143.85
Burke	2,178	736	0.34	51,142	23.48	279	2.64	183.30
Burleigh	96,676	33,350	0.34	1,898,449	19.64	12,642	2.64	150.17
Cass	186,810	62,967	0.34	3,366,965	18.02	23,569	2.67	142.86
Cavalier	3,615	1,288	0.36	76,080	21.05	537	2.40	141.68
Dickey	4,695	1,820	0.39	109,487	23.32	612	2.97	178.90
Divide	2,264	711	0.31	51,691	22.83	251	2.83	205.94
Dunn	4,712	1,201	0.25	71,482	15.17	449	2.67	159.20
Eddy	2,221	821	0.37	52,231	23.52	294	2.79	177.66
Emmons	3,130	927	0.30	53,919	17.23	338	2.74	159.52
Foster	3,219	1,358	0.42	77,523	24.08	472	2.88	164.24
Golden Valley	1,755	606	0.35	34,764	19.81	225	2.69	154.51
Grand Forks	66,739	25,502	0.38	1,396,776	20.93	8,828	2.89	158.22

Reportable Prescriptions per Patient County

Quarter 2 - 2022

Orig Patient County	2022 Population	Prescription Count	Prescription Count/Population	Quantity	Qty/Population	Patient Count	Rx County /Pt	Qty/Pt.
Grant	2,034	795	0.39	49,343	24.26	285	2.79	173.13
Griggs	2,240	785	0.35	44,269	19.76	303	2.59	146.10
Hettinger	2,487	718	0.29	43,509	17.49	287	2.50	151.60
Kidder	2,561	773	0.30	48,620	18.98	286	2.70	170.00
LaMoure	3,959	1,193	0.30	67,865	17.14	496	2.41	136.82
Logan	1,739	624	0.36	37,011	21.28	214	2.92	172.95
McHenry	5,556	2,073	0.37	131,790	23.72	797	2.60	165.36
McIntosh	2,290	949	0.41	53,968	23.57	353	2.69	152.88
McKenzie	19,314	3,235	0.17	171,487	8.88	1,281	2.53	133.87
McLean	9,213	3,985	0.43	246,370	26.74	1,511	2.64	163.05
Mercer	7,950	2,650	0.33	157,783	19.85	1,052	2.52	149.98
Morton	32,282	12,291	0.38	739,121	22.90	4,572	2.69	161.66
Mountrail	11,463	3,719	0.32	218,773	19.09	1,287	2.89	169.99
Nelson	2,861	1,520	0.53	82,584	28.87	508	2.99	162.57
Oliver	2,001	419	0.21	25,198	12.59	149	2.81	169.11
Pembina	6,519	2,960	0.45	179,206	27.49	1,068	2.77	167.80
Pierce	3,690	1,444	0.39	82,137	22.26	501	2.88	163.95
Ramsey	11,336	5,139	0.45	278,336	24.55	1,653	3.11	168.38

Reportable Prescriptions per Patient County

Quarter 2 - 2022

Orig Patient County	2022 Population	Prescription Count	Prescription Count/Population	Quantity	Qty/Population	Patient Count	Rx County /Pt	Qty/Pt.
Ransom	5,200	2,517	0.48	129,478	24.90	811	3.10	159.65
Renville	2,234	853	0.38	43,169	19.32	301	2.83	143.42
Richland	16,021	5,483	0.34	312,169	19.48	2,086	2.63	149.65
Rolette	13,657	6,112	0.45	338,003	24.75	2,050	2.98	164.88
Sargent	4,039	1,340	0.33	81,854	20.27	521	2.57	157.11
Sheridan	1,234	451	0.37	29,245	23.70	179	2.52	163.38
Sioux	3,789	1,148	0.30	67,656	17.86	400	2.87	169.14
Slope	717	46	0.06	4,173	5.82	19	2.42	219.61
Stark	33,277	12,199	0.37	684,732	20.58	4,433	2.75	154.46
Steele	1,884	462	0.25	30,138	16.00	215	2.15	140.18
Stutsman	20,191	8,083	0.40	458,807	22.72	3,016	2.68	152.12
Towner	2,201	730	0.33	47,648	21.65	275	2.65	173.27
Traill	8,084	2,973	0.37	185,394	22.93	1,168	2.55	158.73
Walsh	10,629	4,888	0.46	276,826	26.04	1,625	3.01	170.35
Ward	67,425	21,423	0.32	1,190,188	17.65	8,462	2.53	140.65
Wells	3,612	1,786	0.49	99,579	27.57	640	2.79	155.59
Williams	43,949	12,700	0.29	714,813	16.26	4,752	2.67	150.42
Grand Total	774,008	270,975	0.35	15,204,725	19.64	99,993	2.71	152.06

Opioid Prescriptions per ND Patient County

Quarter 2 - 2022

Orig Patient County	2022 Population	Prescription Count	Prescription Count/Population	Quantity	Qty/Population	Patient Count	AVG Rx Count/Pt	AVG Qty/Pt.
Adams	2,036	313	0.15	19,928	9.79	152	2.06	131.11
Barnes	10,079	1,415	0.14	65,068	6.46	599	2.36	108.63
Benson	6,454	1,228	0.19	54,958	8.52	471	2.61	116.68
Billings	958	36	0.04	1,227	1.28	23	1.57	53.35
Bottineau	5,934	649	0.11	25,980	4.38	350	1.85	74.23
Bowman	2,895	282	0.10	14,065	4.86	136	2.07	103.42
Burke	2,178	280	0.13	16,756	7.69	124	2.26	135.13
Burleigh	96,676	11,122	0.12	570,752	5.90	5,131	2.17	111.24
Cass	186,810	15,298	0.08	593,419	3.18	7,578	2.02	78.31
Cavalier	3,615	398	0.11	22,085	6.11	221	1.80	99.93
Dickey	4,695	610	0.13	32,234	6.87	256	2.38	125.92
Divide	2,264	295	0.13	20,411	9.02	124	2.38	164.60
Dunn	4,712	493	0.10	28,370	6.02	232	2.13	122.28
Eddy	2,221	286	0.13	17,558	7.91	124	2.31	141.60
Emmons	3,130	355	0.11	17,719	5.66	164	2.16	108.04
Foster	3,219	482	0.15	28,121	8.74	199	2.42	141.31
Golden Valley	1,755	191	0.11	10,665	6.08	87	2.20	122.59
Grand Forks	66,739	7,848	0.12	373,525	5.60	3,546	2.21	105.34

Opioid Prescriptions per ND Patient County

Quarter 2 - 2022

Orig Patient County	2022 Population	Prescription Count	Prescription Count/Population	Quantity	Qty/Population	Patient Count	Rx County/Pt	Qty/Pt.
Grant	2,034	331	0.16	21,143	10.39	152	2.18	139.10
Griggs	2,240	203	0.09	8,520	3.80	105	1.93	81.14
Hettinger	2,487	287	0.12	16,827	6.77	134	2.14	125.57
Kidder	2,561	279	0.11	14,786	5.77	128	2.18	115.52
LaMoure	3,959	381	0.10	15,930	4.02	190	2.01	83.84
Logan	1,739	240	0.14	10,917	6.28	112	2.14	97.47
McHenry	5,556	652	0.12	36,288	6.53	306	2.13	118.59
McIntosh	2,290	367	0.16	16,048	7.01	169	2.17	94.96
McKenzie	19,314	1,005	0.05	48,405	2.51	529	1.90	91.50
McLean	9,213	1,480	0.16	80,650	8.75	664	2.23	121.46
Mercer	7,950	1,048	0.13	61,242	7.70	472	2.22	129.75
Morton	32,282	4,440	0.14	234,922	7.28	1,970	2.25	119.25
Mountrail	11,463	1,283	0.11	73,081	6.38	547	2.35	133.60
Nelson	2,861	542	0.19	25,901	9.05	231	2.35	112.13
Oliver	2,001	186	0.09	9,718	4.86	80	2.33	121.48
Pembina	6,519	974	0.15	49,780	7.64	448	2.17	111.12
Pierce	3,690	528	0.14	23,721	6.43	212	2.49	111.89
Ramsey	11,336	1,955	0.17	93,055	8.21	760	2.57	122.44

Opioid Prescriptions per ND Patient County

Quarter 2 - 2022

Orig Patient County	2022 Population	Prescription Count	Prescription Count/Population	Quantity	Qty/Population	Patient Count	Rx County/Pt	Qty/Pt.
Ransom	5,200	747	0.14	27,552	5.30	296	2.52	93.08
Renville	2,234	226	0.10	8,897	3.98	107	2.11	83.15
Richland	16,021	1,475	0.09	61,857	3.86	713	2.07	86.76
Rolette	13,657	2,324	0.17	132,563	9.71	1,010	2.30	131.25
Sargent	4,039	406	0.10	18,660	4.62	198	2.05	94.24
Sheridan	1,234	177	0.14	9,547	7.74	82	2.16	116.43
Sioux	3,789	580	0.15	30,385	8.02	240	2.42	126.60
Slope	717	15	0.02	1,405	1.96	8	1.88	175.63
Stark	33,277	4,484	0.13	236,662	7.11	2,001	2.24	118.27
Steele	1,884	163	0.09	6,294	3.34	97	1.68	64.89
Stutsman	20,191	2,560	0.13	116,252	5.76	1,196	2.14	97.20
Towner	2,201	269	0.12	18,335	8.33	125	2.15	146.68
Traill	8,084	790	0.10	35,361	4.37	394	2.01	89.75
Walsh	10,629	1,610	0.15	83,692	7.87	678	2.37	123.44
Ward	67,425	5,938	0.09	271,907	4.03	3,035	1.96	89.59
Wells	3,612	567	0.16	29,564	8.18	252	2.25	117.32
Williams	43,949	4,240	0.10	235,691	5.36	1,982	2.14	118.92
Grand Total	774,008	84,333	0.11	4,078,401	5.27	39,140	2.15	104.20

PMP InterConnect

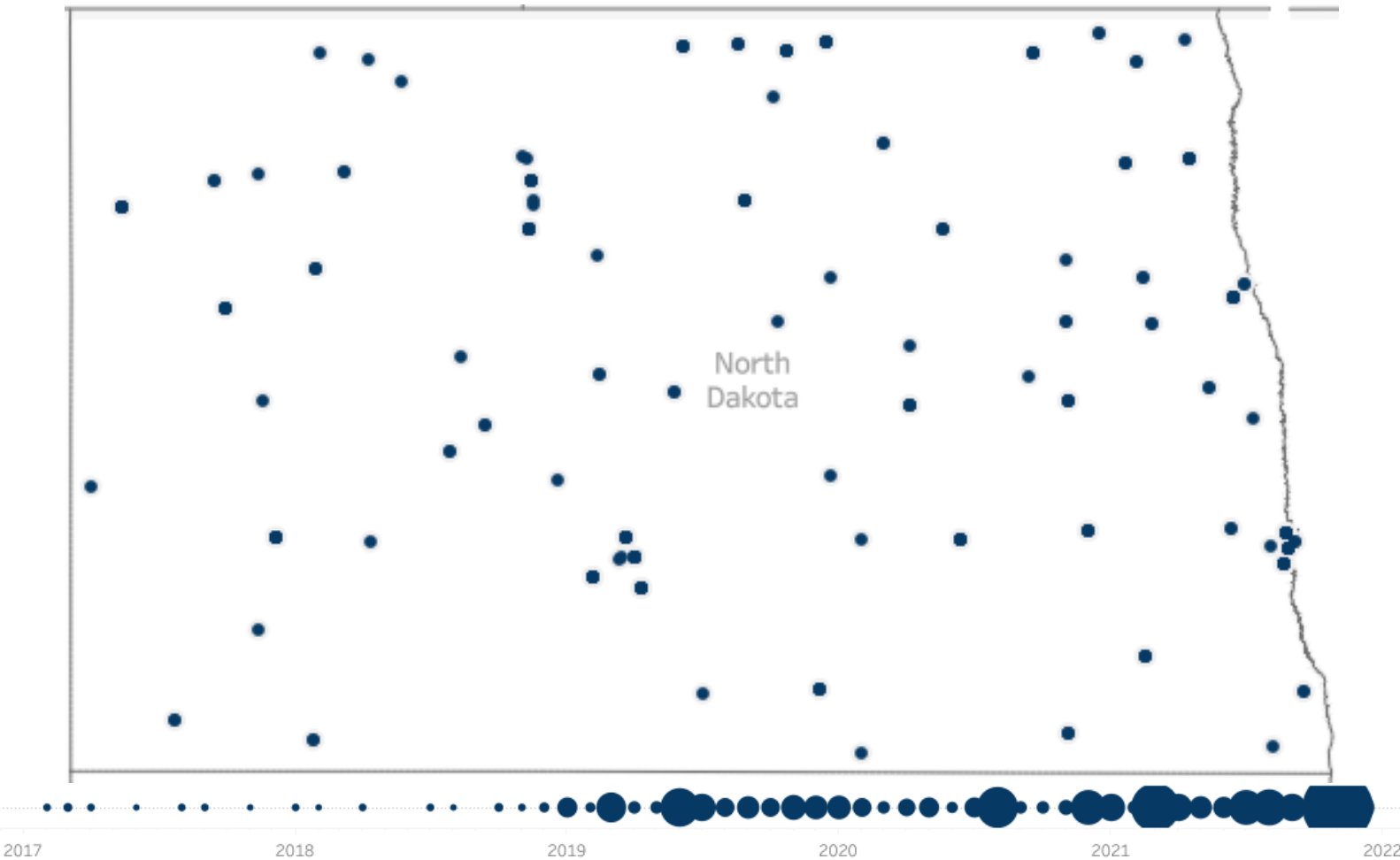
PMP InterConnect and PMP Gateway are tools being used by PDMPs across the US to combat drug diversion and drug abuse nationwide.

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 March 2022, 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>

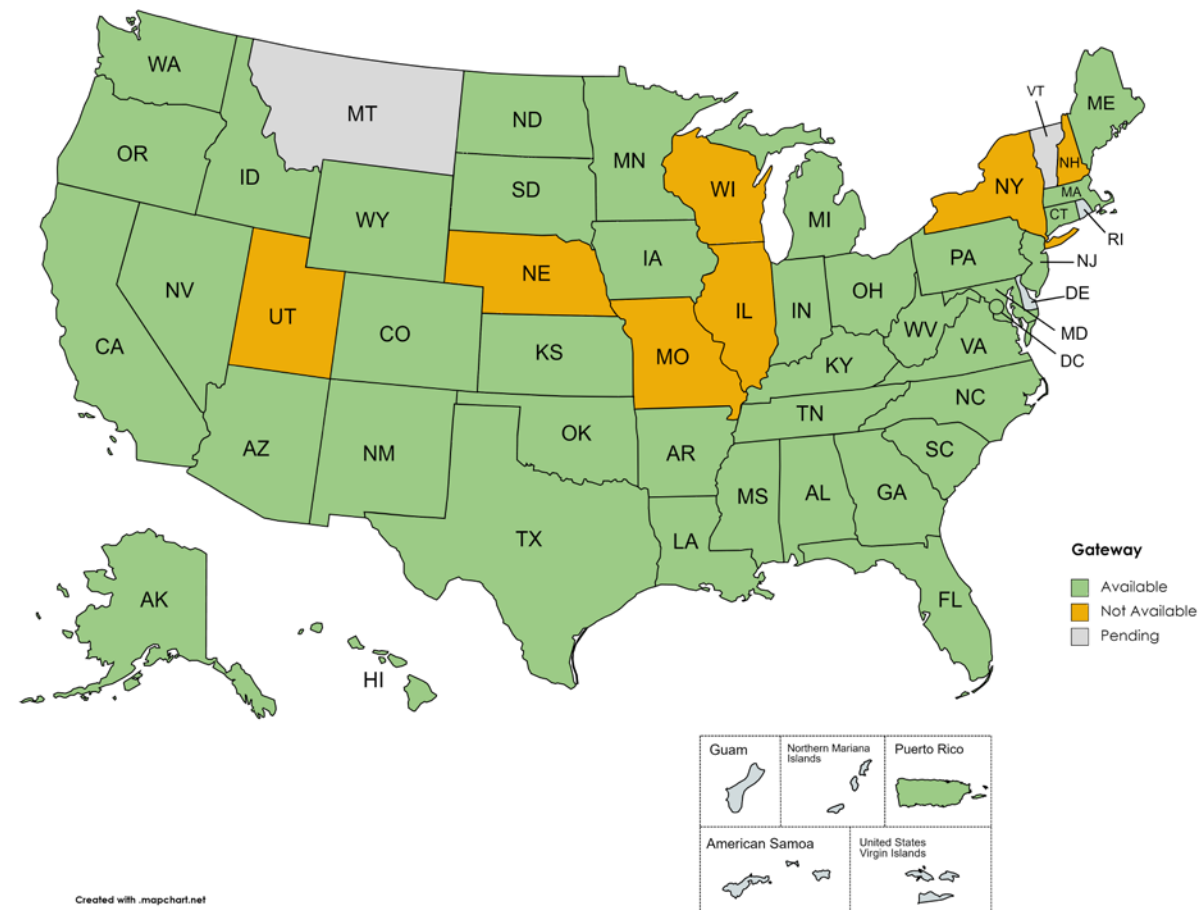
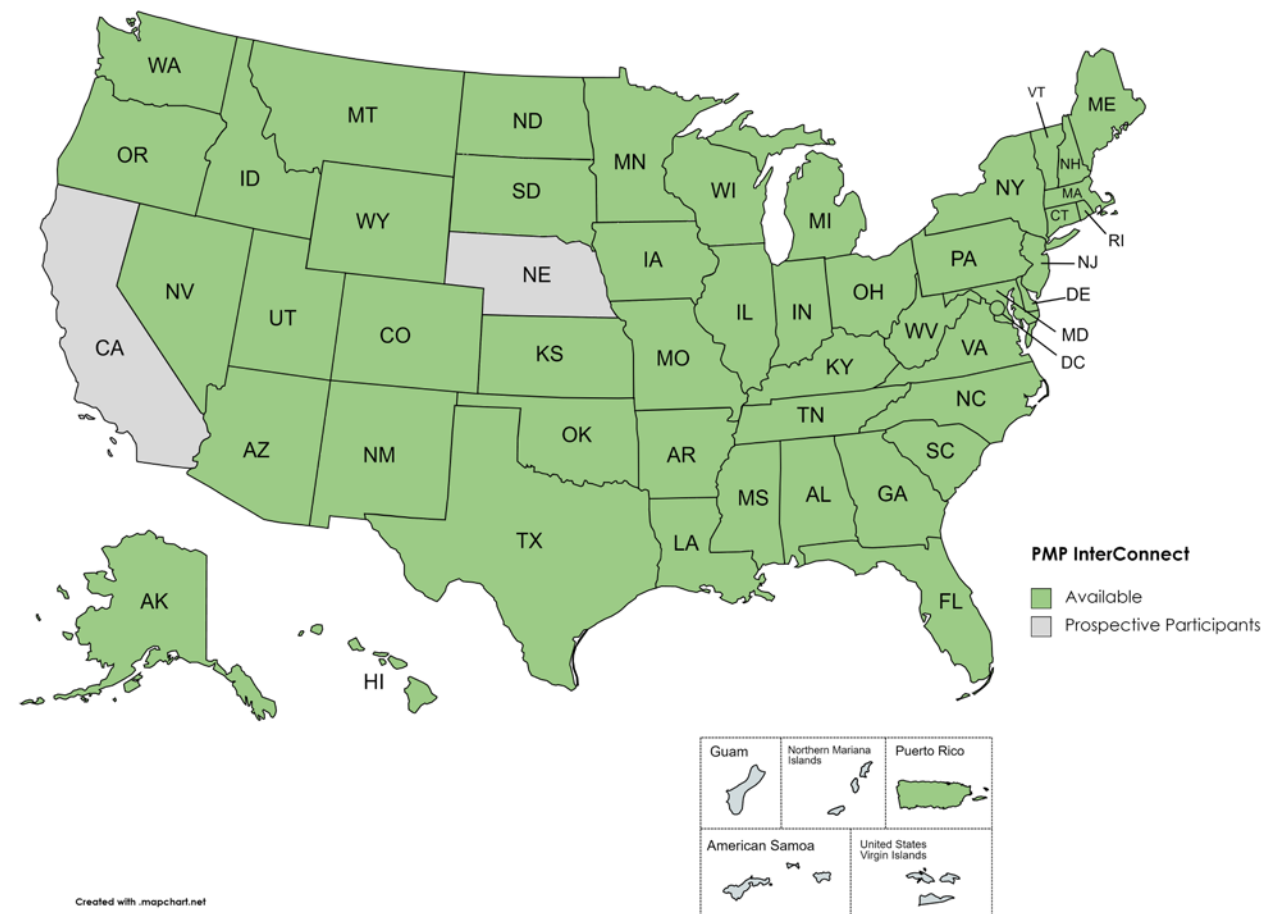


Gateway Facilities



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

