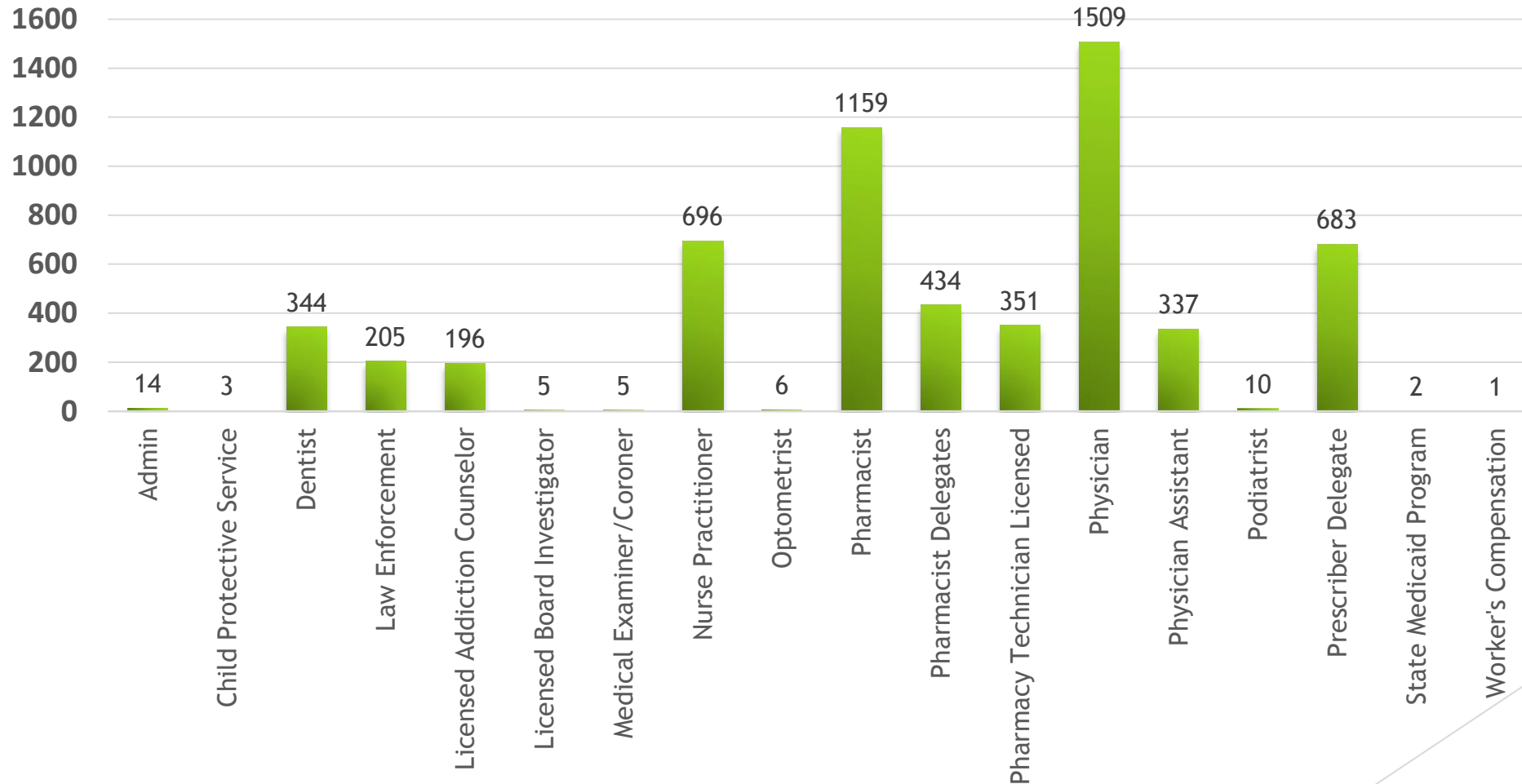


Prescription Drug Monitoring Program Facts, Figures, and Trends 4rd Quarter 2017

North Dakota Board of Pharmacy
Kathy Zahn, CPhT, PDMP Program Administrator
1906 E. Broadway Ave
Bismarck, ND 58501
701-328-9537
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Total User Accounts = 5,961



Number of Users per Month

Chart Legend
Total Users
Avg. Daily Active Users
Monthly Active Users

2015 Users

January	February	March	April	May	June	July	August	September	October	November	December
3131	3184	3268	3316	3366	3406	3480	3582	3623	3680	3739	3786
113	115	128	142	123	144	140	138	140	152	135	147
1038	1061	1146	1122	1086	1146	1249	1266	1210	1277	1282	1254

2016 Users

January	February	March	April	May	June	July	August	September	October	November	December
3849	3951	4018	4083	4155	4204	4301	4409	4479	4530	4600	4654
146	147	172	162	160	162	146	178	155	164	163	158
1361	1397	1425	1474	1467	1448	1550	1604	1534	1532	1494	1510

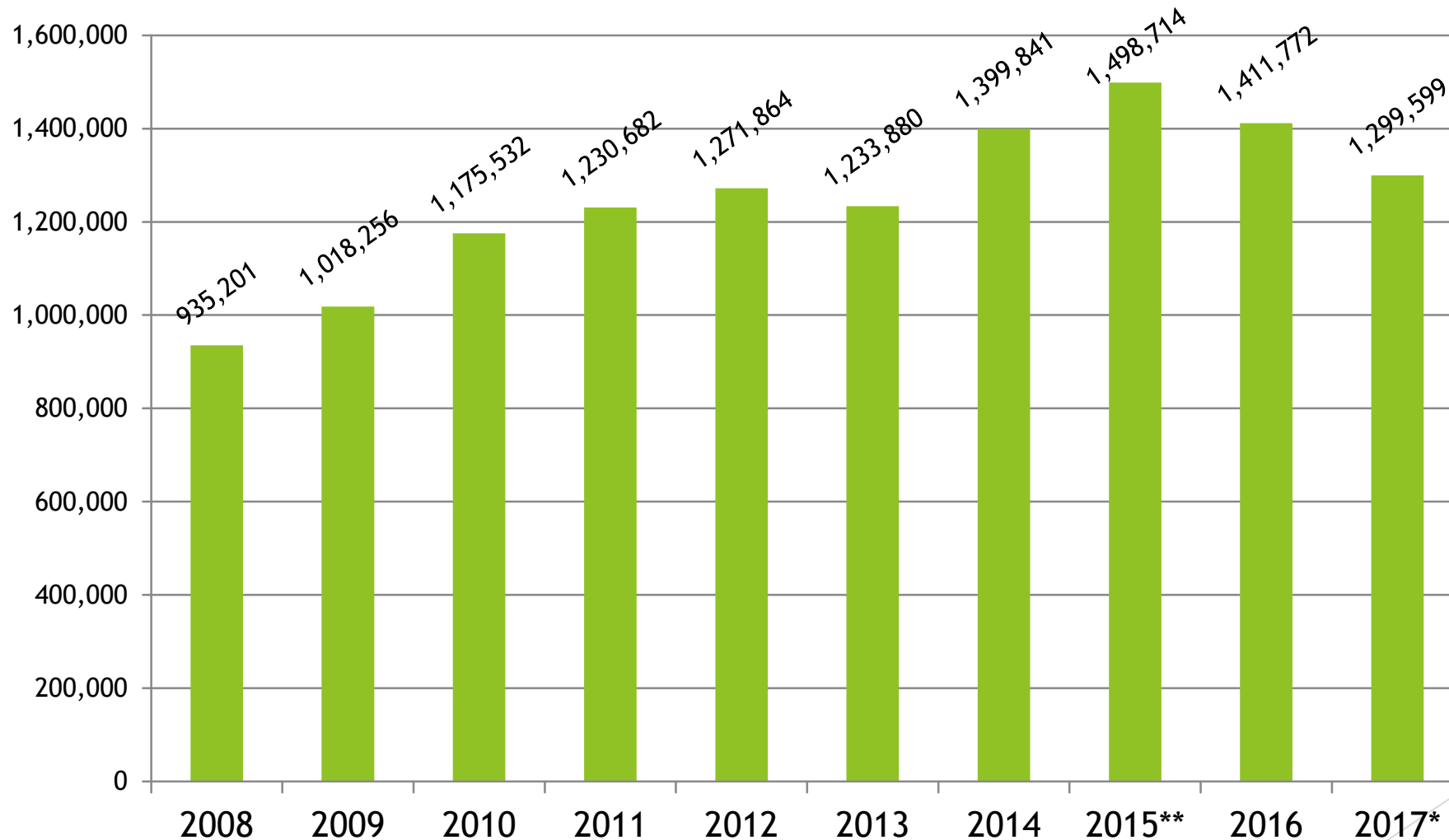
2017 Users

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

2018 Users

January	February	March	April	May	June	July	August	September	October	November	December
6041	6911										
231	212										
1912	2672										

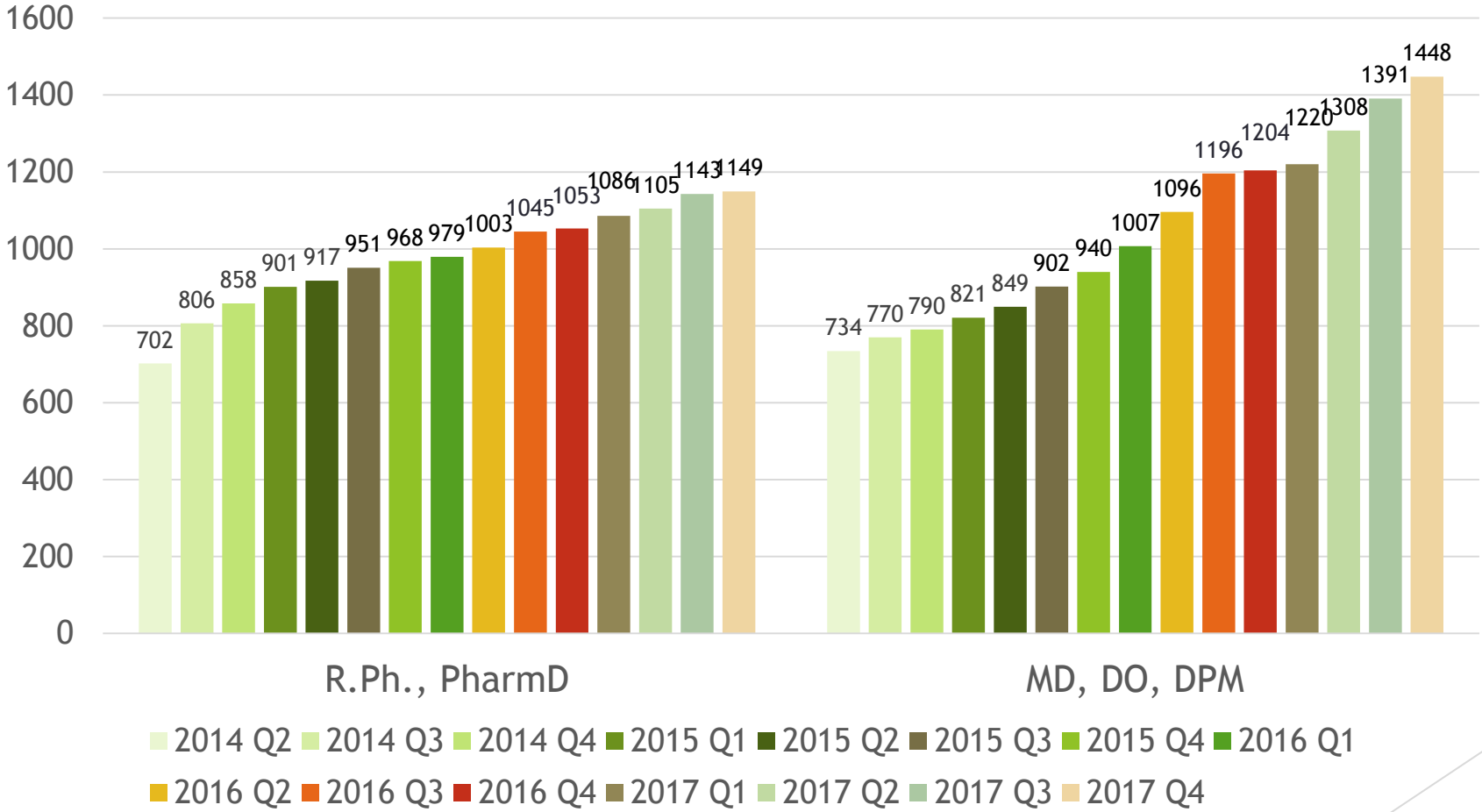
All Reportable Substances Dispensed/Year in ND or to ND Residents



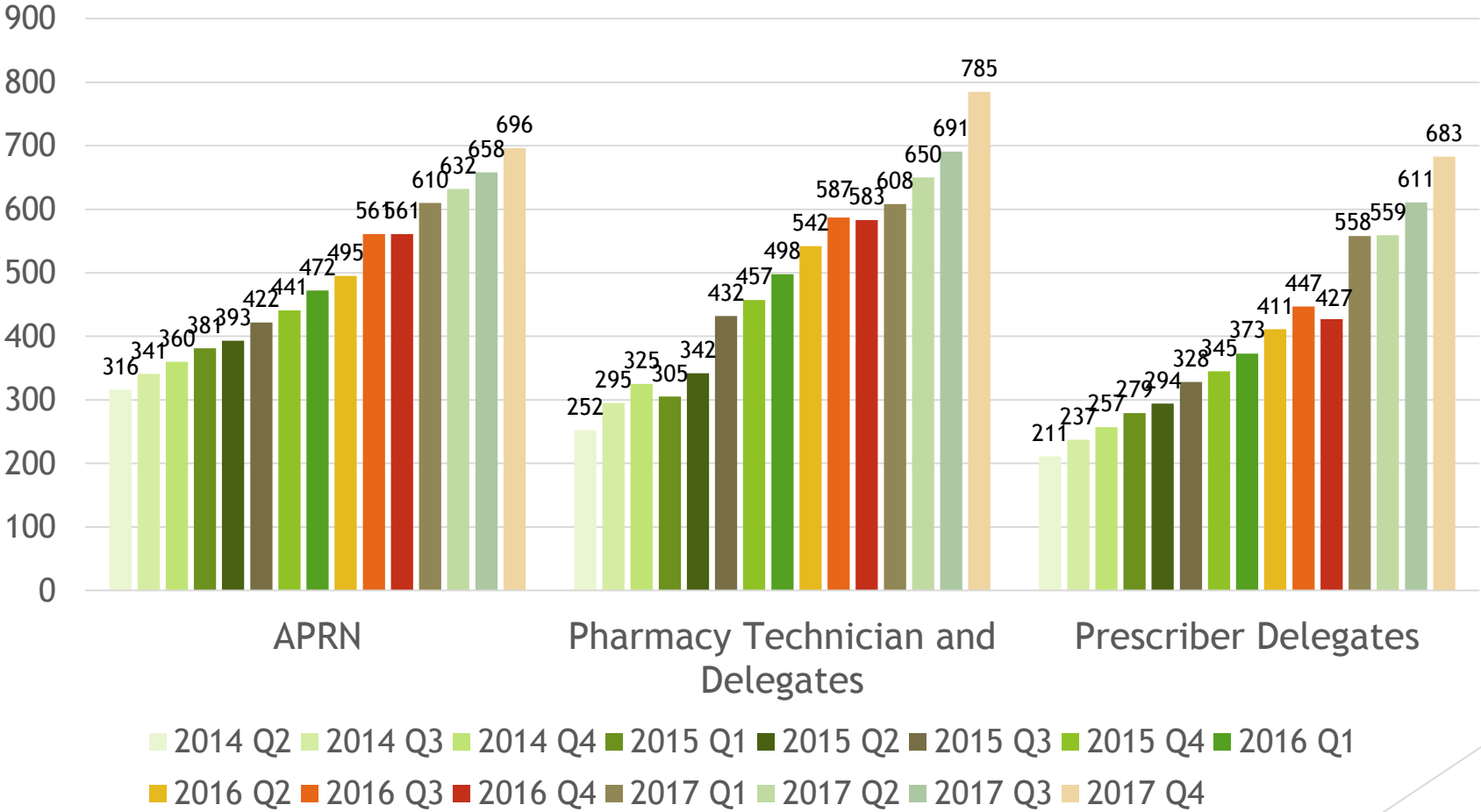
*Gabapentin reporting started on August 1st, 2017

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

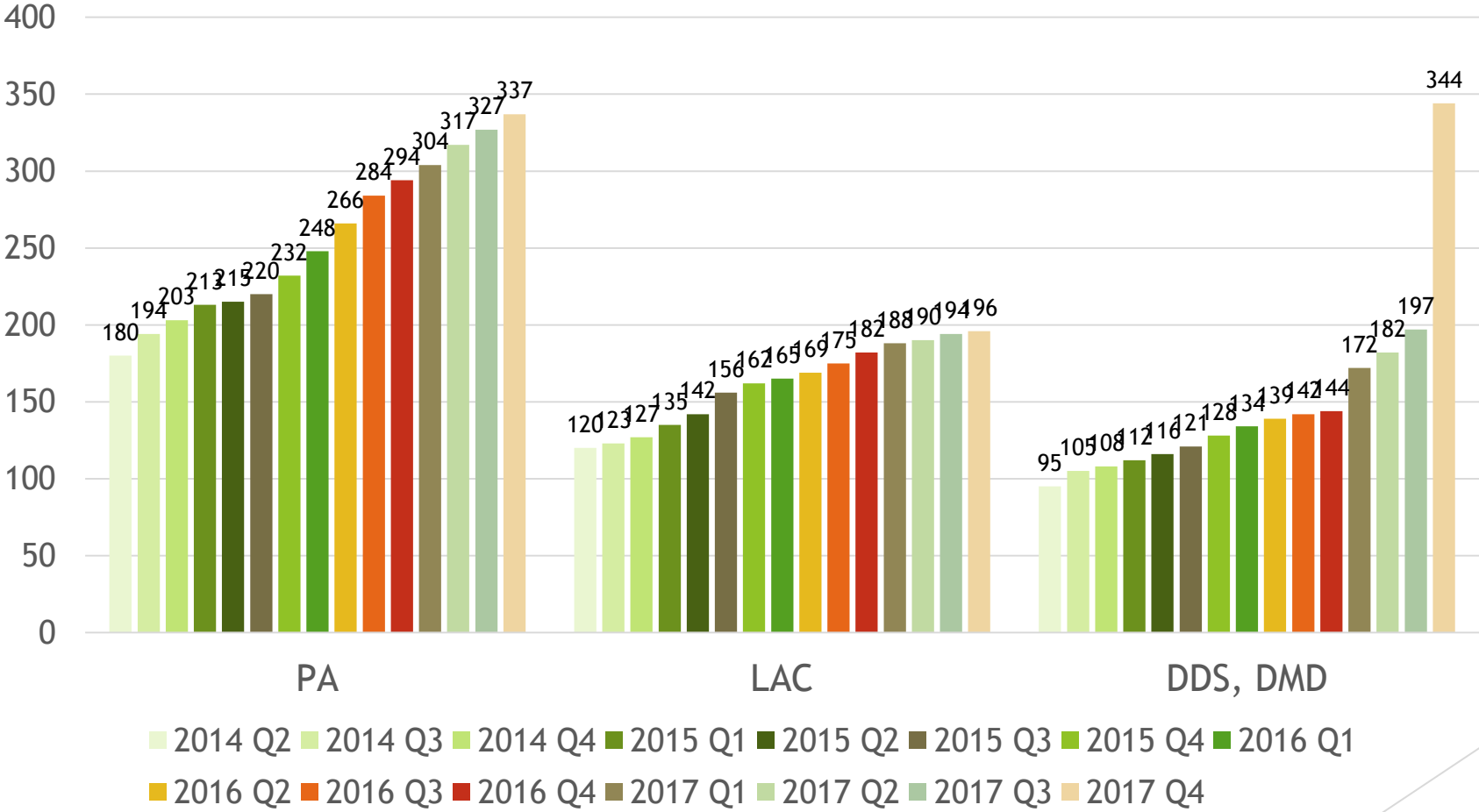
Active Accounts - Pharmacists and Medical Doctors



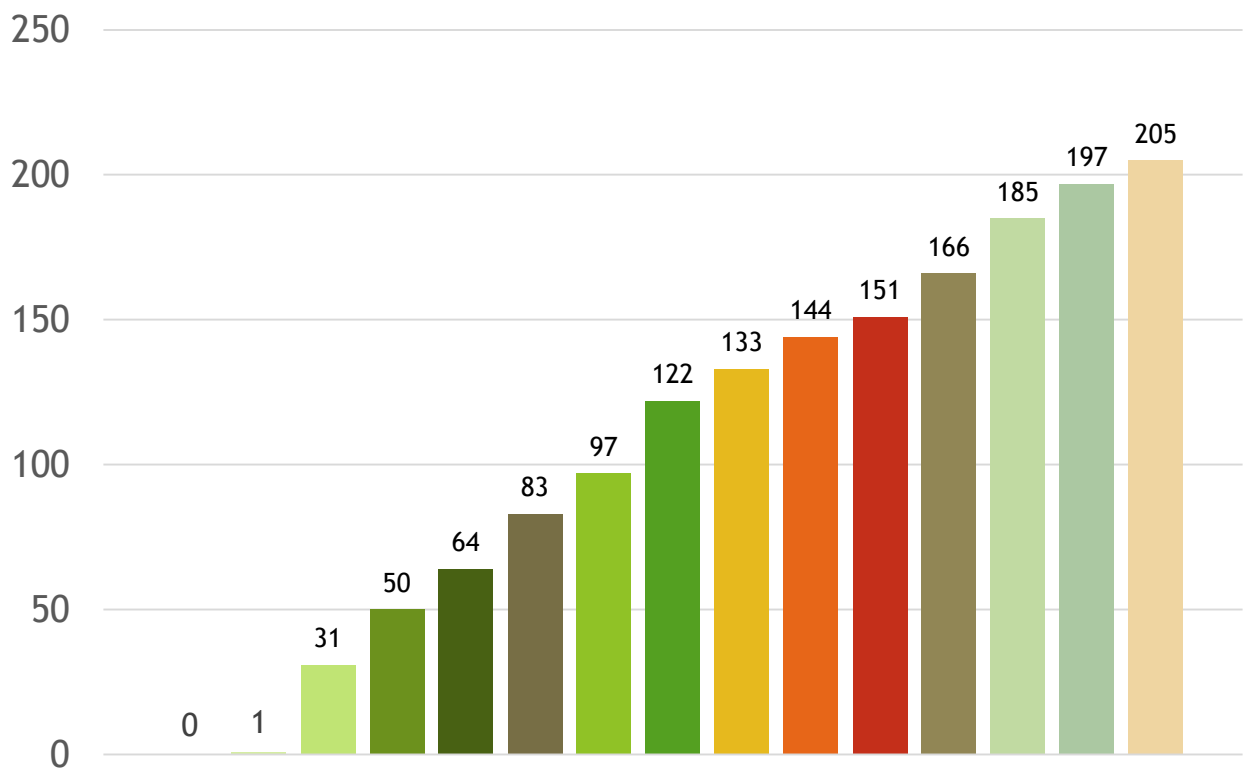
Active Accounts - Pharmacy Technicians, Delegates, and Advanced Practice Nurses



Active Accounts - Physician Assistants, Licensed Addiction Counselors, and Dentists



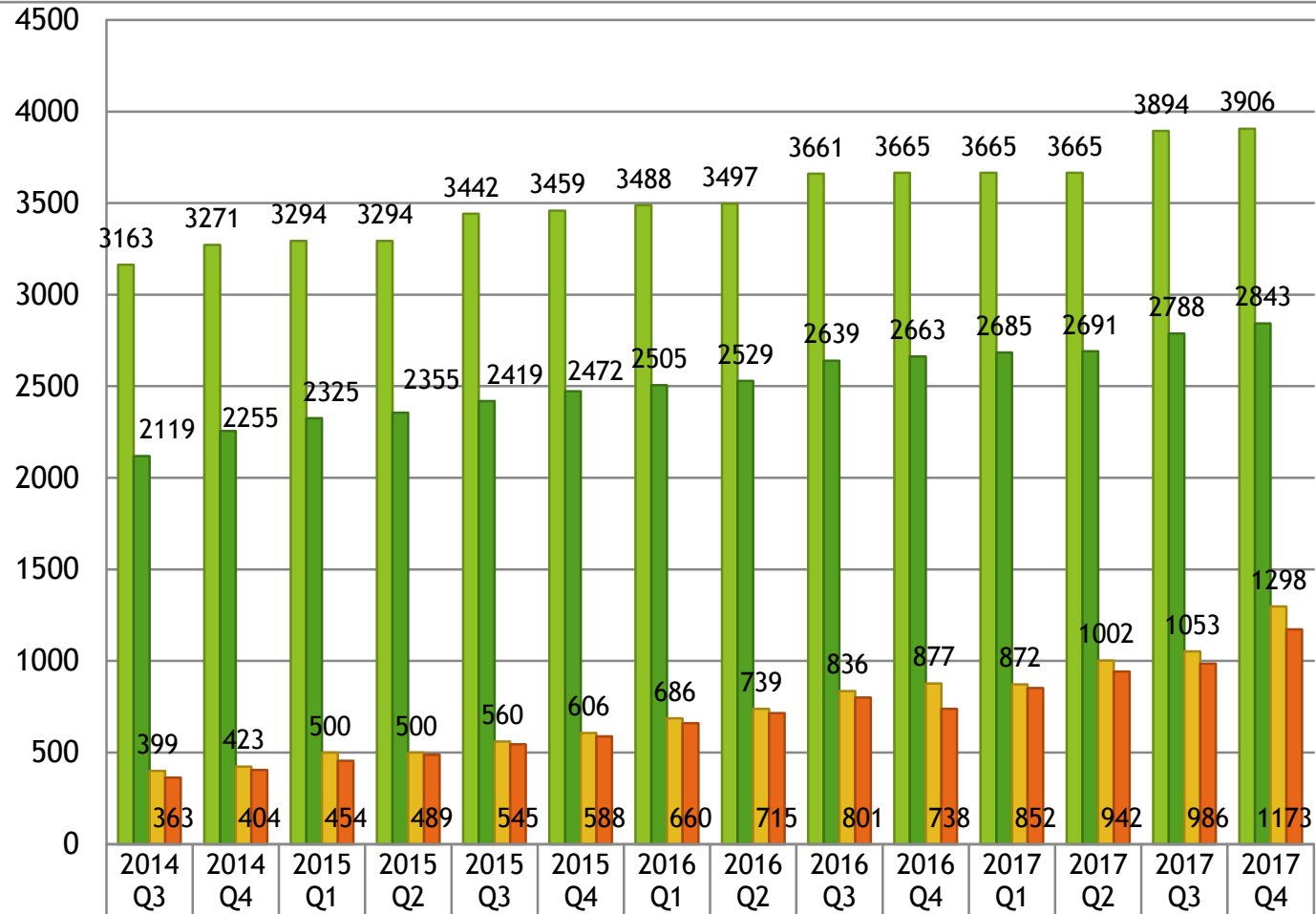
Active Accounts -Law Enforcement



Law Enforcement

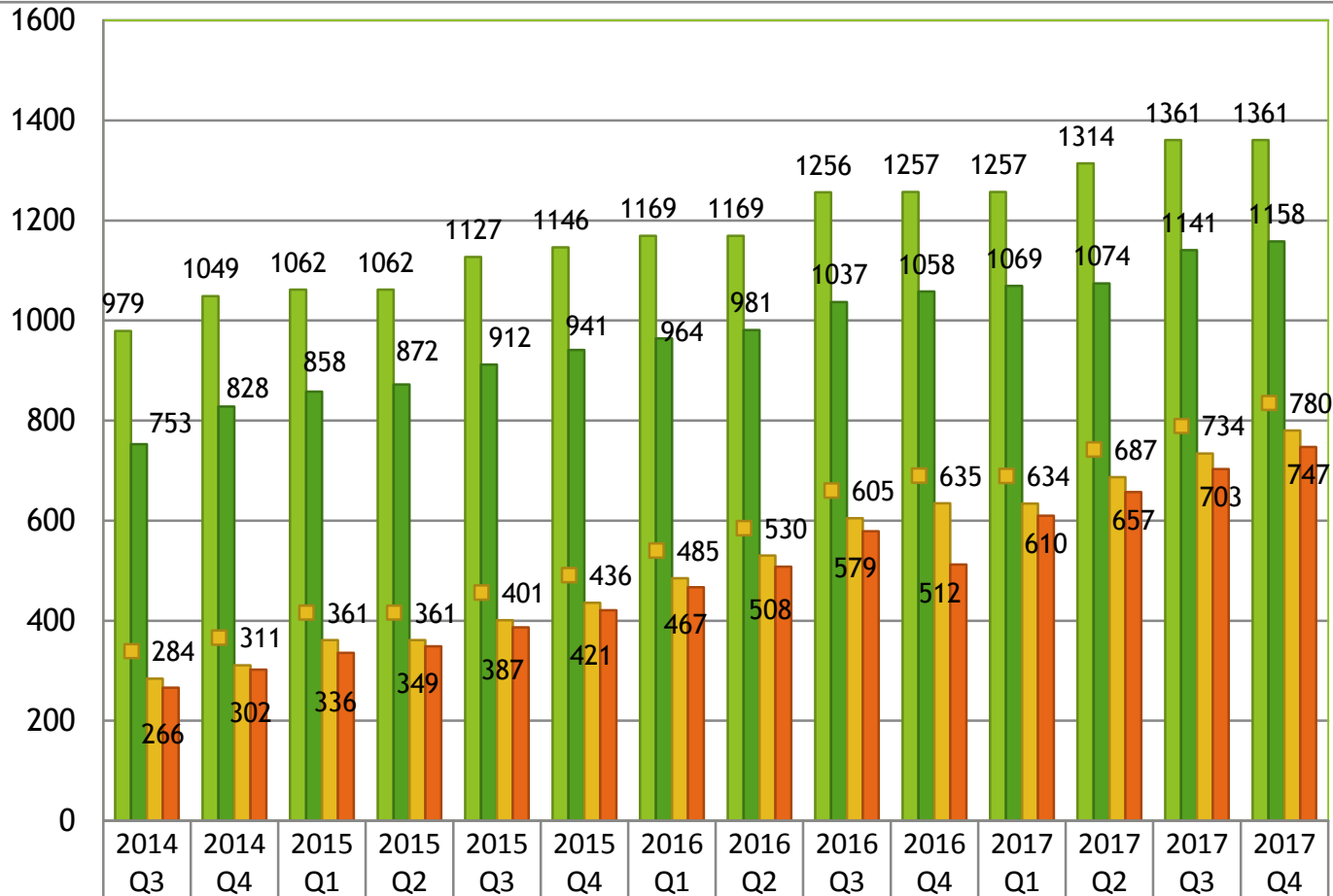
- 2014 Q2
- 2014 Q3
- 2014 Q4
- 2015 Q1
- 2015 Q2
- 2015 Q3
- 2015 Q4
- 2016 Q1
- 2016 Q2
- 2016 Q3
- 2016 Q4
- 2017 Q1
- 2017 Q2
- 2017 Q3
- 2017 Q4

Doctors - Authorization vs. Utilization



■ ND DEA Registered Doctors	3163	3271	3294	3294	3442	3459	3488	3497	3661	3665	3665	3665	3894	3906
■ ND Doctors who authorized prescriptions	2119	2255	2325	2355	2419	2472	2505	2529	2639	2663	2685	2691	2788	2843
■ ND Doctors also registered with ND PDMP	399	423	500	500	560	606	686	739	836	877	872	1002	1053	1298
■ ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1)	363	404	454	489	545	588	660	715	801	738	852	942	986	1173

Other Practitioners - Authorization vs. Utilization



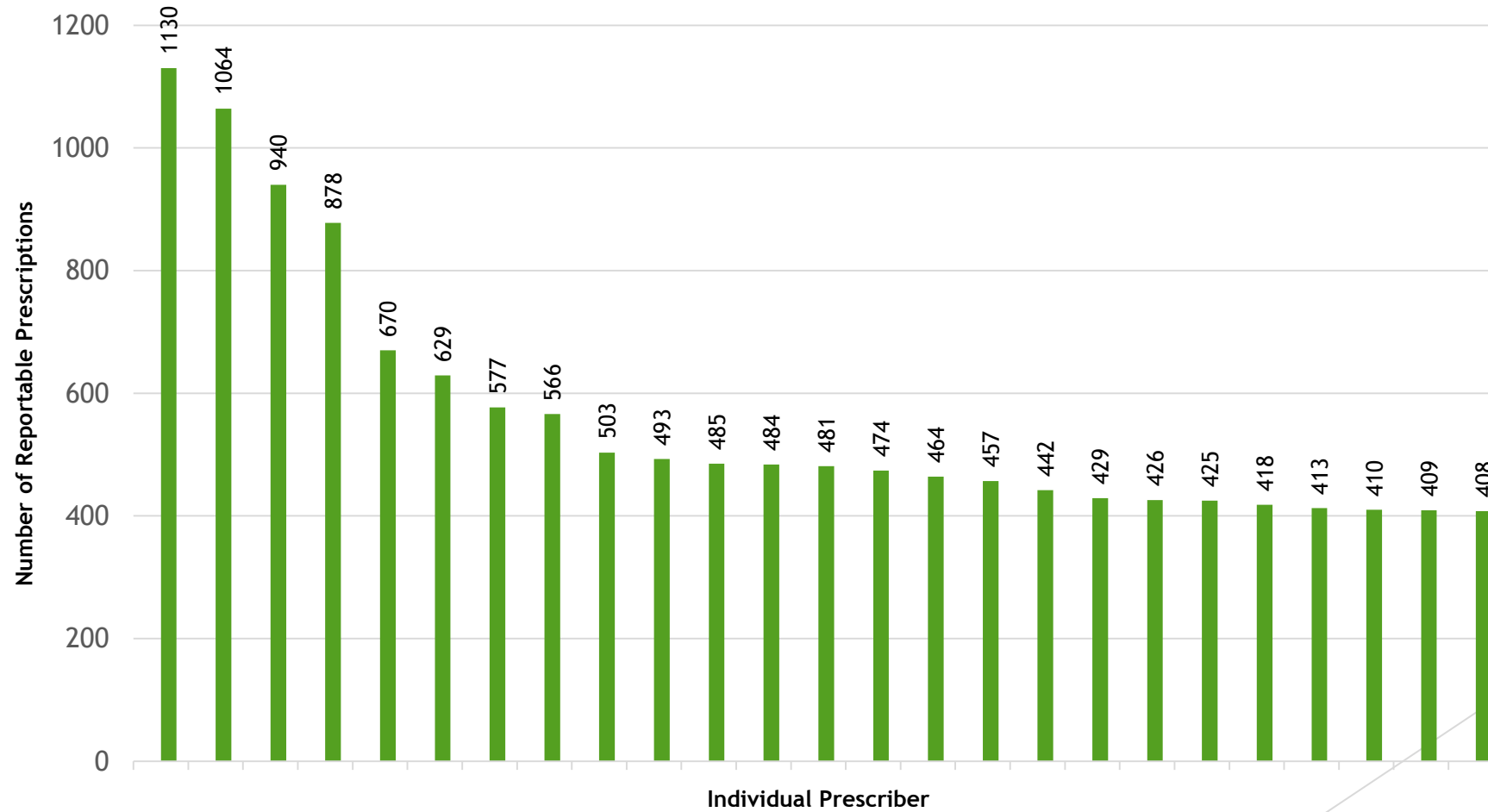
■ ND DEA Registered Other Practitioners	979	1049	1062	1062	1127	1146	1169	1169	1256	1257	1257	1314	1361	1361
■ ND Authorized Prescriptions	753	828	858	872	912	941	964	981	1037	1058	1069	1074	1141	1158
■ ND Registered with ND PDMP	284	311	361	361	401	436	485	530	605	635	634	687	734	780
■ ND Practitioner/their Appointed Delegate who Accessed the System on their behalf (counts as 1)	266	302	336	349	387	421	467	508	579	512	610	657	703	747

Prescriptions Dispensed by Class

	2015 Q1	2015 Q2	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	2016 Q4	2017 Q1	2017 Q2	2017 Q3	2017 Q4
Anesthetic	46	44	36	37	27	23	2	8	16	12	8	6
Cannabinoid	169	172	188	160	161	177	203	188	207	202	200	189
GI Narcotic	884	896	797	824	774	780	716	664	595	756	703	700
Narcotic/ Opioids	180,410	180,555	175,335	180,346	175,601	160,332	151,366	153,880	154,301	148,568	139,836	136,279
Neuropain	8,027	8,797	8,579	9,615	9,405	9,499	9,346	9,404	9,222	9,610	9,306	8,920
Other	1,619	1,514	1,661	1,649	1,532	1,624	1,348	1,510	1,916	3,886	34,703*	43,460
Sedative	99,990	107,345	103,526	107,138	106,088	103,038	99,096	97,912	96,888	97,895	95,999	89,185
Steroid	1,886	2,017	2,026	2,322	2,149	2,181	2,123	2,124	2,013	2,154	2,165	2,045
Stimulant	48,019	49,613	48,616	51,612	52,043	49,959	47,678	50,041	52,622	52,629	51,147	51,087
Blank	26	24	31	33	44	45	36	43	12	37	44	65
Total	341,076	350,977	340,795	353,736	347,824	327,658	311,914	315,774	317,803	315,749	334,111	331,936

* The required reporting of gabapentin (August 2017) containing dispensations can account for the large increase in the 'Other' category.

Top Prescribers by Number of Prescriptions Quarter 4 - 2017



Reportable Prescriptions per Patient County

Quarter 4 - 2017

County	Population Rank	Population	Prescriptions Count	Prescriptions Per Population	Quantity	Qty Per Population
Adams	43	2,305	916	0.397	59,219	25.691
Barnes	13	10,926	5,025	0.460	307,237	28.120
Benson	20	6,739	2,793	0.414	176,856	26.244
Billings	52	934	71	0.076	4,620	4.946
Bottineau	21	6,579	1,955	0.297	117,829	17.910
Bowman	34	3,241	1,077	0.332	62,641	19.328
Burke	46	2,198	671	0.305	49,528	22.533
Burleigh	2	94,487	36,051	0.382	2,239,693	23.704
Cass	1	175,249	60,427	0.345	3,578,596	20.420
Cavalier	31	3,827	1,472	0.385	91,840	23.998
Dickey	24	5,064	2,207	0.436	138,545	27.359
Divide	40	2,413	676	0.280	42,259	17.513
Dunn	26	4,366	1,405	0.322	78,663	18.017
Eddy	42	2,358	604	0.256	40,561	17.201
Emmons	32	3,346	1,271	0.380	75,360	22.522
Foster	33	3,303	961	0.291	62,806	19.015
Golden Valley	50	1,817	613	0.337	37,211	20.479
Grand Forks	3	71,083	27,094	0.381	1,628,534	22.910

Reportable Prescriptions per Patient County

Quarter 4 - 2017

County	Population Rank	Population	Prescriptions Count	Prescriptions Per Population	Quantity	Qty Per Population
Grant	41	2,377	990	0.416	62,636	26.351
Griggs	44	2,277	531	0.233	36,002	15.811
Hettinger	37	2,629	1,068	0.406	75,389	28.676
Kidder	39	2,414	957	0.396	61,371	25.423
LaMoure	28	4,111	1,428	0.347	89,754	21.833
Logan	48	1,941	714	0.368	52,014	26.798
McHenry	22	5,963	2,240	0.376	159,558	26.758
McIntosh	36	2,656	1,015	0.382	66,486	25.032
McKenzie	11	12,621	2,802	0.222	161,701	12.812
McLean	16	9,729	4,431	0.455	301,989	31.040
Mercer	17	8,694	2,500	0.288	164,419	18.912
Morton	7	30,809	13,539	0.439	889,087	28.858
Mountrail	15	10,242	3,508	0.343	220,301	21.510
Nelson	35	2,960	1,055	0.356	62,366	21.070
Oliver	49	1,870	423	0.226	26,378	14.106
Pembina	19	7,069	3,195	0.452	210,059	29.716
Pierce	27	4,267	1,540	0.361	97,609	22.875
Ramsey	12	11,547	5,144	0.445	310,613	26.900

Reportable Prescriptions per Patient County

Quarter 4 - 2017

County	Population Rank	Population	Prescriptions Count	Prescriptions Per Population	Quantity	Qty Per Population
Ransom	23	5,404	2,494	0.462	164,429	30.427
Renville	38	2,550	1,005	0.394	57,044	22.370
Richland	9	16,353	4,961	0.303	331,967	20.300
Rolette	10	14,659	8,466	0.578	480,128	32.753
Sargent	30	3,890	1,446	0.372	103,689	26.655
Sheridan	51	1,322	510	0.386	36,476	27.592
Sioux	25	4,469	1,981	0.443	132,201	29.582
Slope	53	763	72	0.094	5,430	7.117
Stark	6	31,199	11,229	0.360	627,524	20.114
Steele	47	1,962	421	0.215	30,353	15.470
Stutsman	8	21,128	9,104	0.431	582,086	27.550
Towner	45	2,263	982	0.434	67,119	29.659
Trail	18	8,030	2,479	0.309	163,107	20.312
Walsh	14	10,904	5,065	0.465	329,271	30.197
Ward	4	70,210	22,396	0.319	1,432,770	20.407
Wells	29	4,098	1,859	0.454	117,016	28.554
Williams	5	34,337	11,153	0.325	673,672	19.619
Total/Averages:	*	757,952	5,245	0.357	17,174,014	22.850

Opioid Prescriptions by Patient County

Quarter 4 - 2017

County	Population Rank	Population	Opioid Prescriptions Count	Opioid Prescription Per Population	Opioid Quantity	Opioid Qty Per Population
Adams	43	2,305	361	0.157	26,929	11.683
Barnes	13	10,926	1,940	0.178	106,616	9.758
Benson	20	6,739	1,181	0.175	73,186	10.860
Billings	52	934	27	0.029	1,915	2.050
Bottineau	21	6,579	753	0.114	37,026	5.628
Bowman	34	3,241	421	0.130	23,747	7.327
Burke	46	2,198	243	0.111	16,898	7.688
Burleigh	2	94,487	14,102	0.149	806,186	8.532
Cass	1	175,249	19,387	0.111	913,516	5.213
Cavalier	31	3,827	519	0.136	30,000	7.839
Dickey	24	5,064	740	0.146	42,568	8.406
Divide	40	2,413	277	0.115	15,396	6.380
Dunn	26	4,366	602	0.138	34,867	7.986
Eddy	42	2,358	272	0.115	17,336	7.352
Emmons	32	3,346	544	0.163	29,373	8.779
Foster	33	3,303	401	0.121	26,341	7.975
Golden Valley	50	1,817	219	0.121	13,384	7.366
Grand Forks	3	71,083	9,386	0.132	512,327	7.207

Opioid Prescriptions by Patient County

Quarter 4 - 2017

County	Population Rank	Population	OPIOID Prescriptions Count	Opioid Prescription Per Population	OPIOID Quantity	Opioid Qty Per Population
Grant	41	2,377	460	0.194	29,912	12.584
Griggs	44	2,277	222	0.097	13,007	5.712
Hettinger	37	2,629	427	0.162	31,510	11.986
Kidder	39	2,414	364	0.151	21,497	8.905
LaMoure	28	4,111	537	0.131	27,400	6.665
Logan	48	1,941	270	0.139	15,056	7.757
McHenry	22	5,963	838	0.141	47,415	7.952
McIntosh	36	2,656	399	0.150	23,618	8.892
McKenzie	11	12,621	1,137	0.090	58,483	4.634
McLean	16	9,729	1,838	0.189	122,362	12.577
Mercer	17	8,694	1,037	0.119	67,917	7.812
Morton	7	30,809	5,771	0.187	355,534	11.540
Mountrail	15	10,242	1,388	0.136	77,469	7.564
Nelson	35	2,960	450	0.152	23,773	8.031
Oliver	49	1,870	210	0.112	13,359	7.144
Pembina	19	7,069	1,146	0.162	69,448	9.824
Pierce	27	4,267	597	0.140	32,563	7.631
Ramsey	12	11,547	2,154	0.187	121,384	10.512

Opioid Prescriptions by Patient County

Quarter 4 - 2017

County	Population Rank	Population	Opioid Prescriptions Count	Opioid Prescription Per Population	Opioid Quantity	Opioid Qty Per Population
Ransom	23	5,404	842	0.156	50,532	9.351
Renville	38	2,550	293	0.115	15,503	6.080
Richland	9	16,353	1,809	0.111	91,320	5.584
Rolette	10	14,659	3,641	0.248	212,168	14.474
Sargent	30	3,890	524	0.135	29,209	7.509
Sheridan	51	1,322	233	0.176	15,715	11.887
Sioux	25	4,469	1,035	0.232	68,713	15.375
Slope	53	763	17	0.022	1,887	2.473
Stark	6	31,199	4,622	0.148	248,707	7.972
Steele	47	1,962	154	0.078	6,788	3.460
Stutsman	8	21,128	3,146	0.149	173,407	8.207
Towner	45	2,263	377	0.167	25,175	11.125
Traill	18	8,030	835	0.104	44,563	5.550
Walsh	14	10,904	1,852	0.170	120,378	11.040
Ward	4	70,210	7,219	0.103	379,972	5.412
Wells	29	4,098	665	0.162	36,623	8.937
Williams	5	34,337	4,360	0.127	275,940	8.036
Total/Averages:	*	757,952	102,244	0.139	5,675,916	8.268

North Dakota State-to-State Connections

