

# Prescription Drug Monitoring Program Facts, Figures, and Trends 4th Quarter 2024

North Dakota Board of Pharmacy  
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# Number of Users per Month

## 2024 Users

| January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| 10875   | 10912    | 10920 | 10959 | 11001 | 11032 | 11098 | 11186  | 11251     | 11317   | 11376    | 11395    |
| 279     | 267      | 261   | 279   | 269   | 243   | 266   | 267    | 260       | 275     | 259      | 265      |
| 1393    | 1234     | 1275  | 1277  | 1265  | 1193  | 1254  | 1241   | 1239      | 1289    | 1225     | 1205     |

## 2023 Users

| January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| 10216   | 10266    | 10341 | 10383 | 10442 | 10487 | 10532 | 10614  | 10669     | 10730   | 10789    | 10825    |
| 241     | 242      | 259   | 233   | 259   | 256   | 247   | 282    | 253       | 264     | 252      | 234      |
| 1418    | 1379     | 1382  | 1310  | 1320  | 1331  | 1377  | 1426   | 1295      | 1370    | 1357     | 1245     |

## 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     |

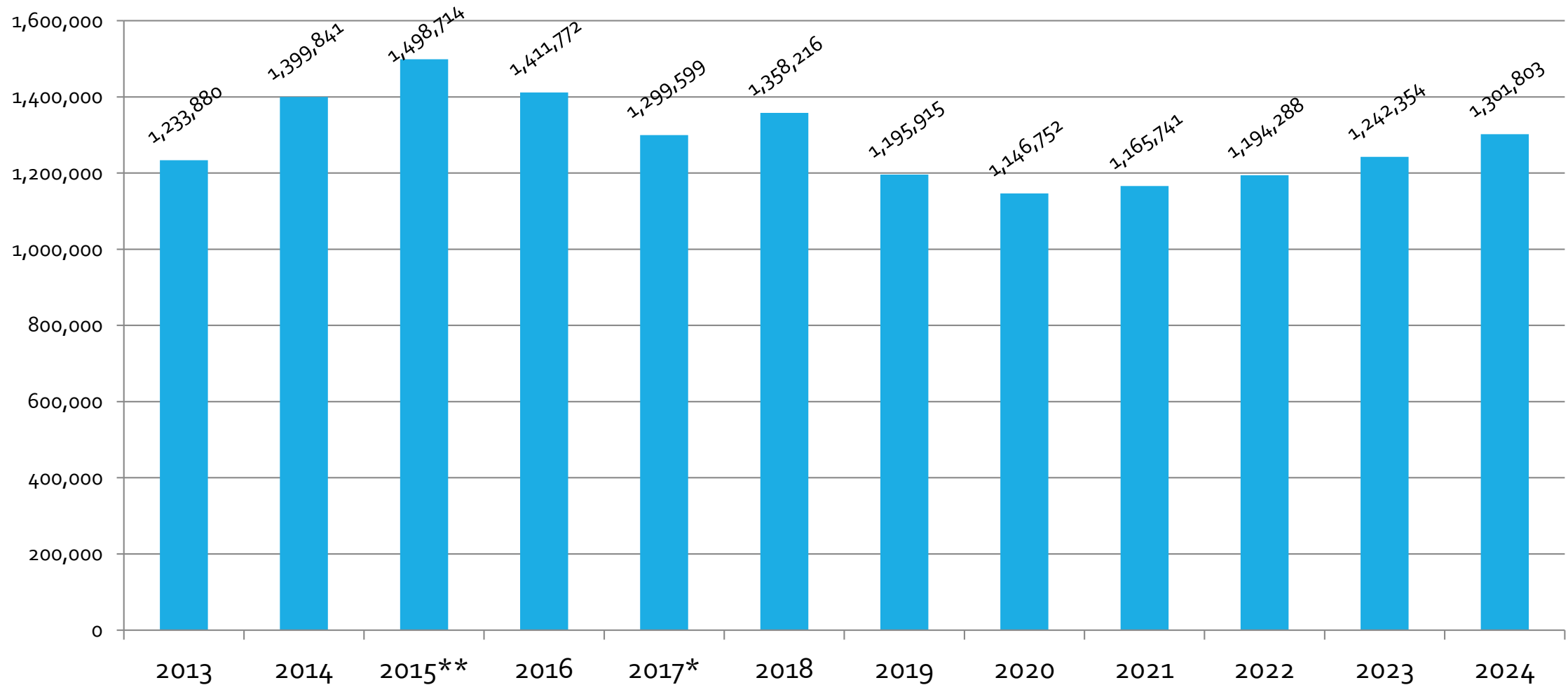
### Chart Legend

Total Users

Avg. Daily Active Users

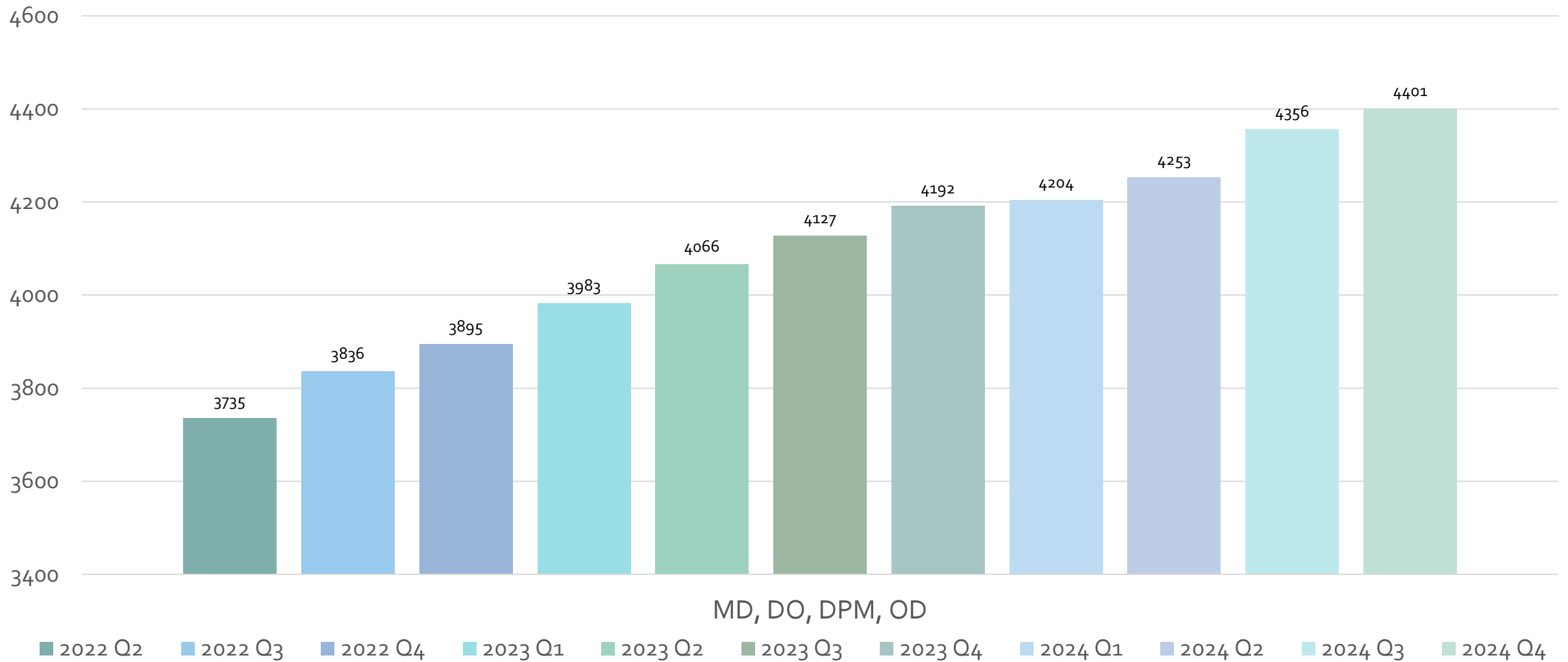
Monthly Active Users

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



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

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

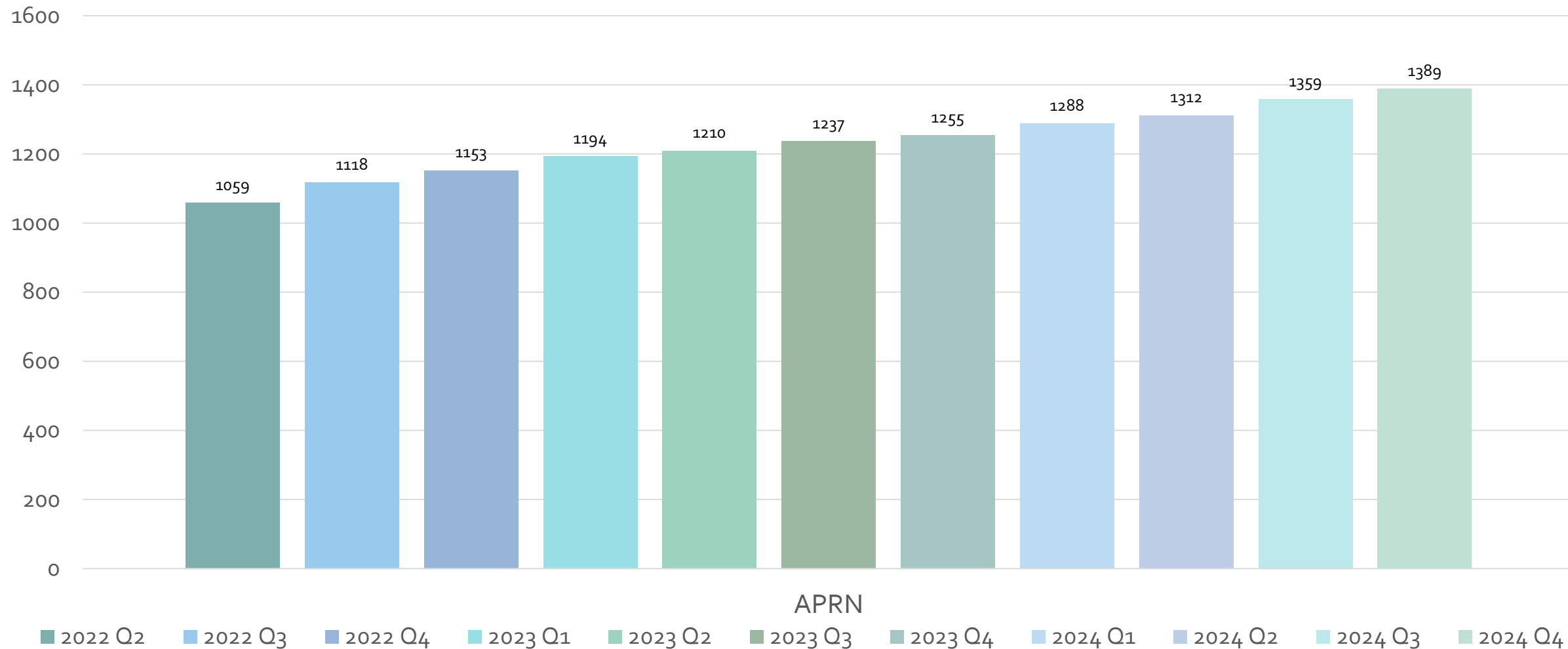


# MEDICAL DOCTORS ACTIVE ACCOUNTS



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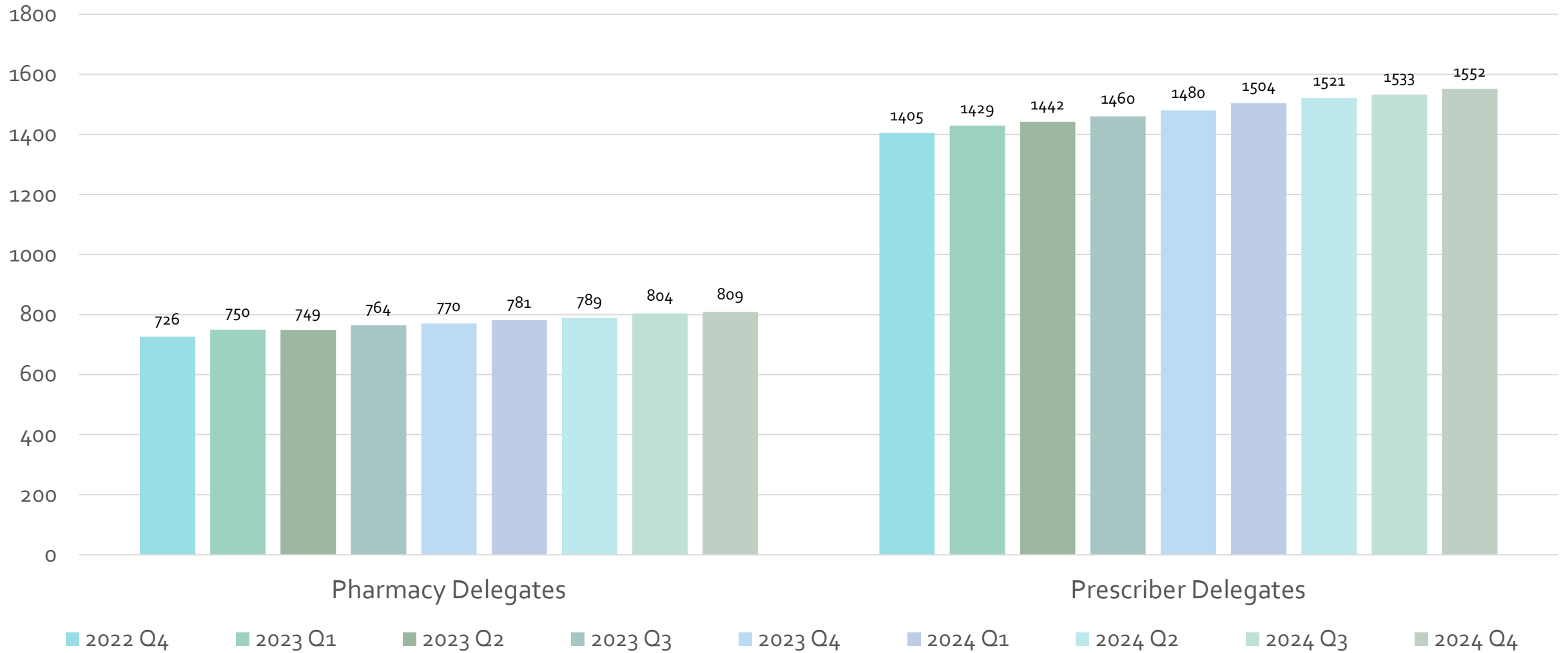
# PHARMACISTS ACTIVE ACCOUNTS



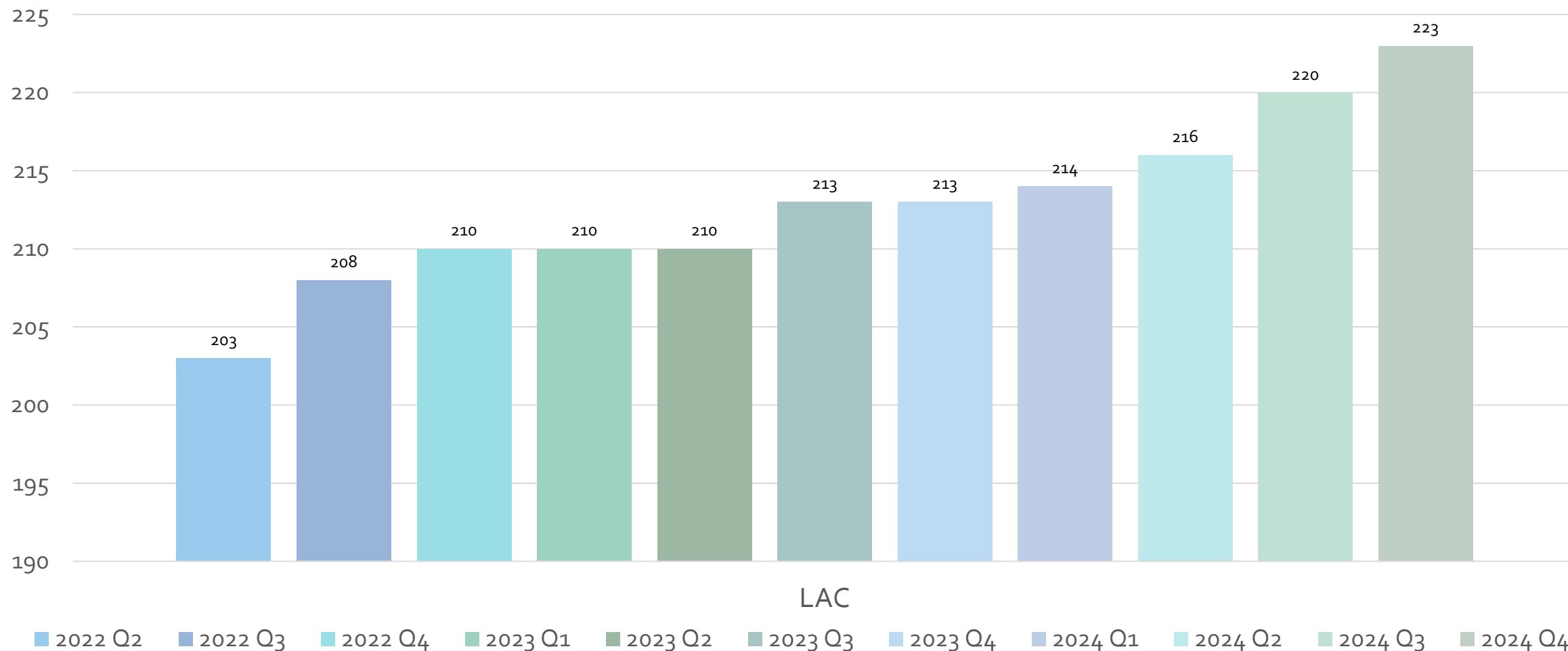
# ADVANCED PRACTICE NURSES ACTIVE ACCOUNTS



# PHYSICIAN ASSISTANTS & DENTISTS ACTIVE ACCOUNTS

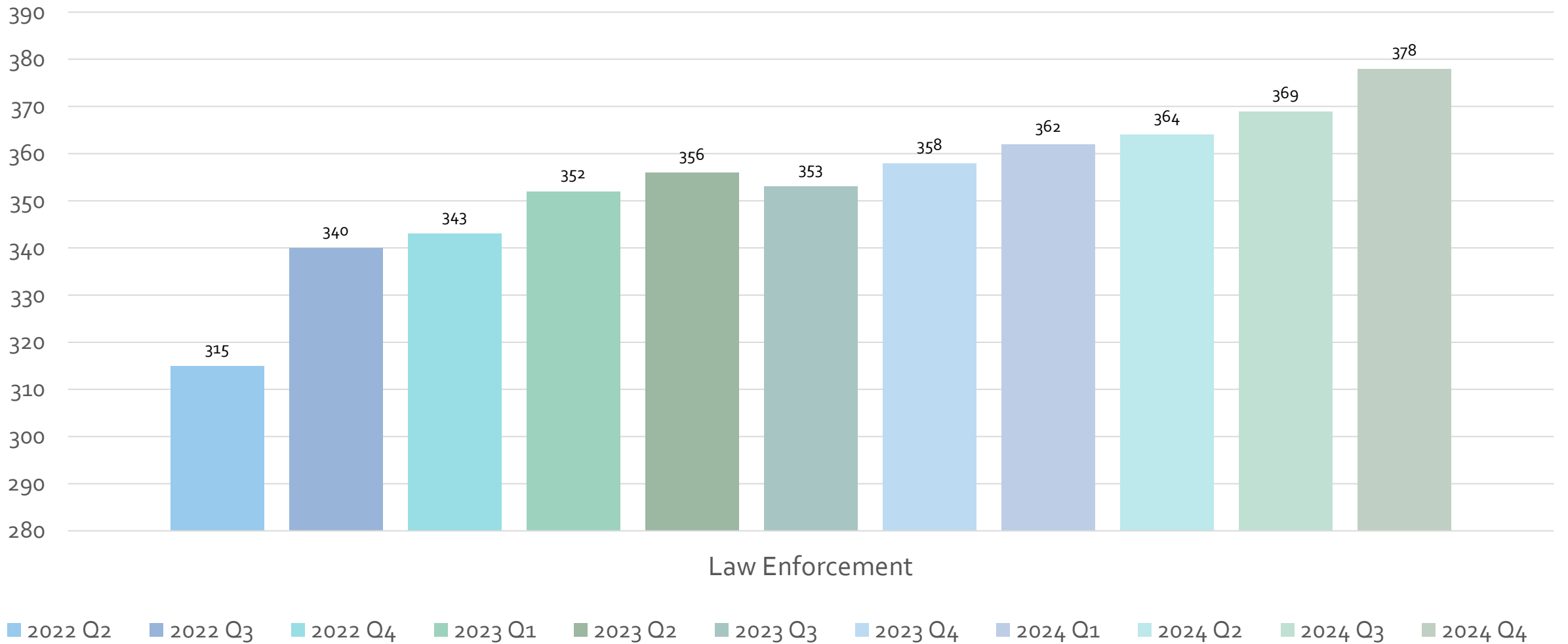


# PHARMACY & PRESCRIBER DELEGATE ACTIVE ACCOUNTS



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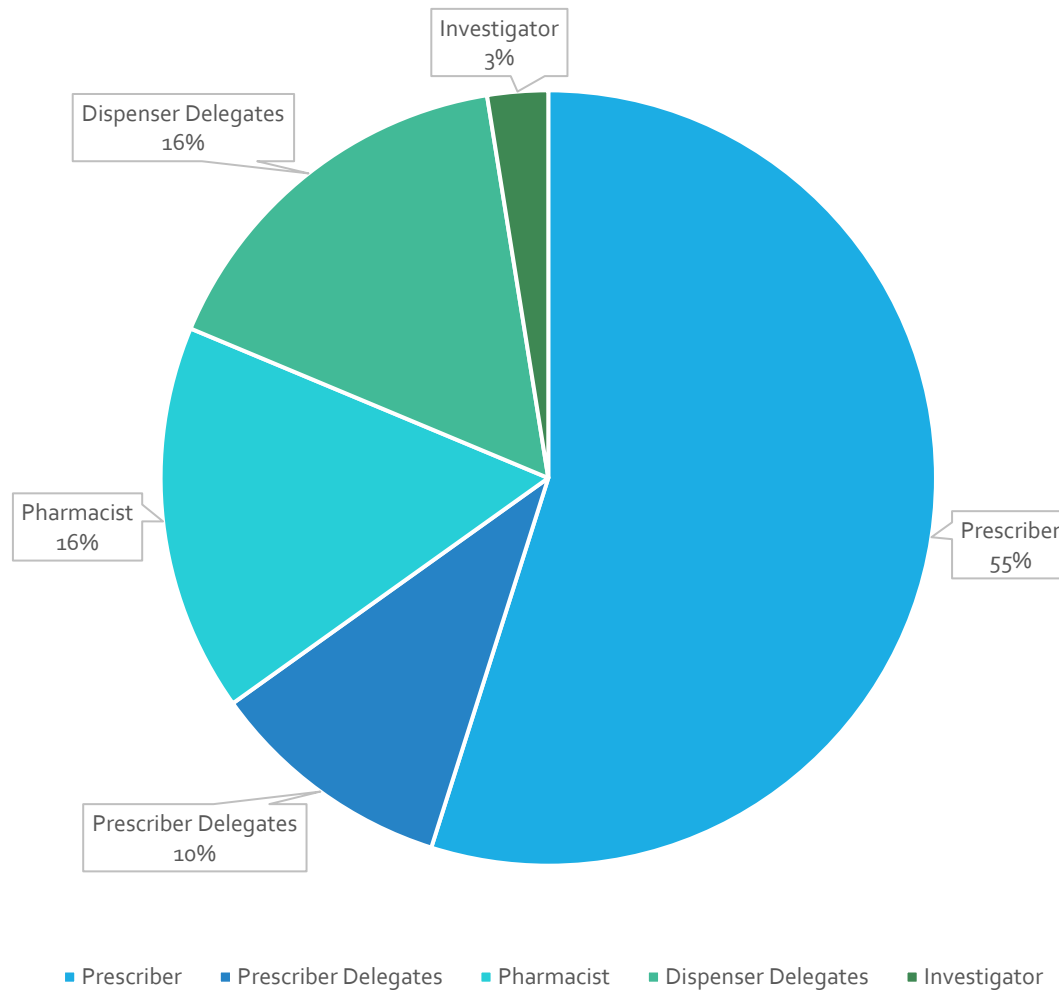
# LICENSED ADDICTION COUNSELORS ACTIVE ACCOUNTS



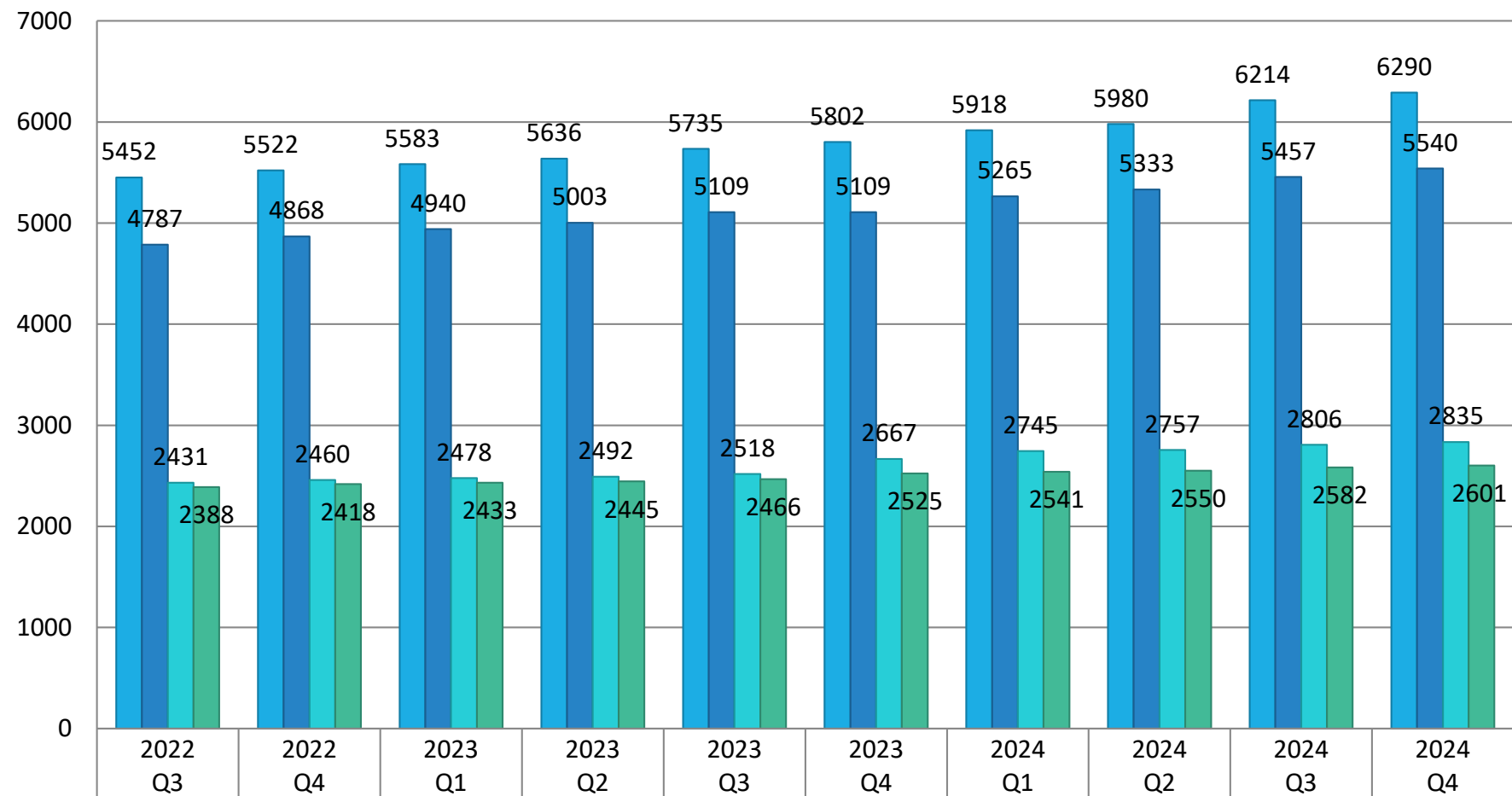
# LAW ENFORCEMENT ACTIVE ACCOUNTS

# Account Holders by Role Type

Account Holders by Group

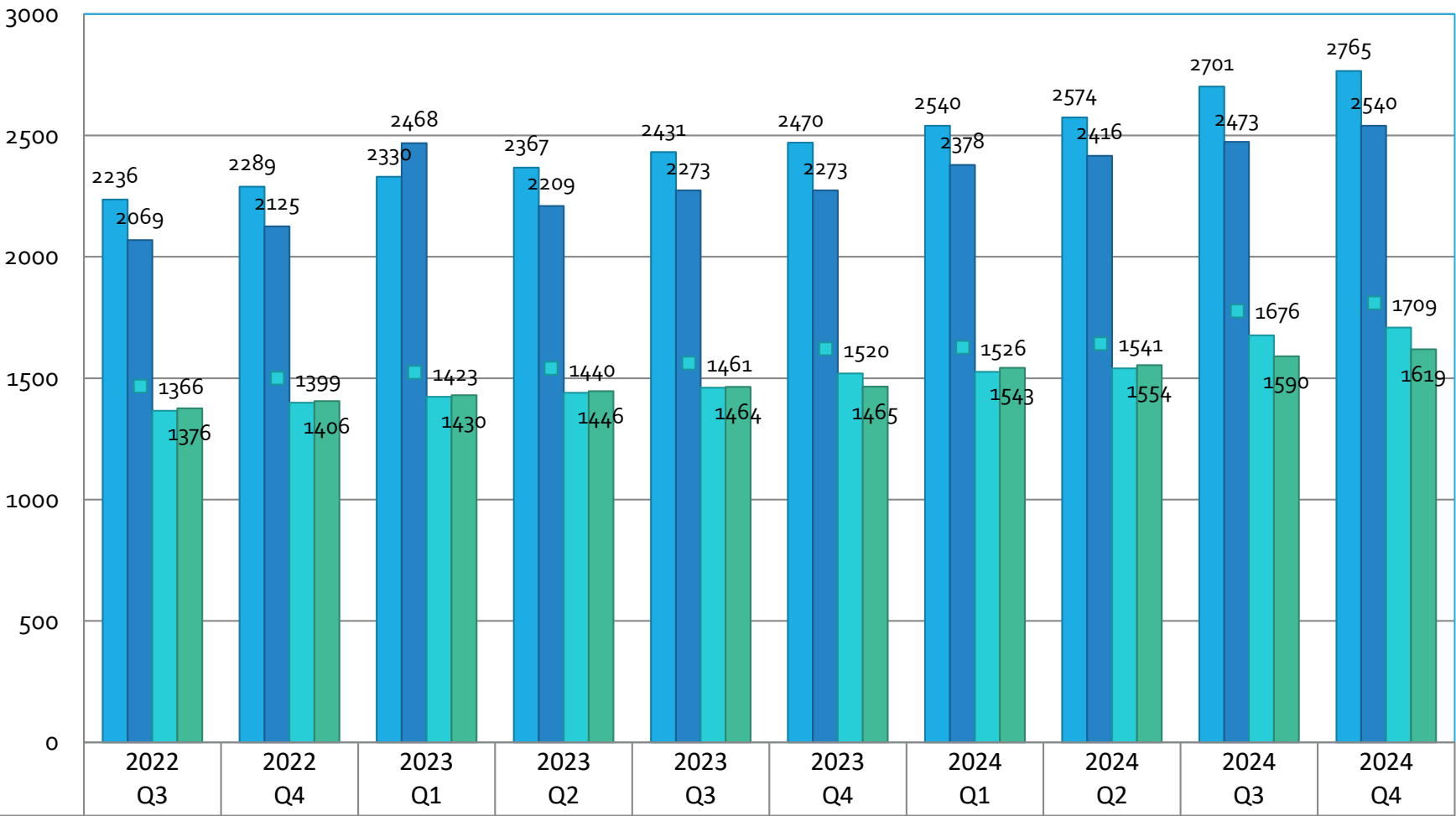


# Doctors - Authorization vs. Utilization



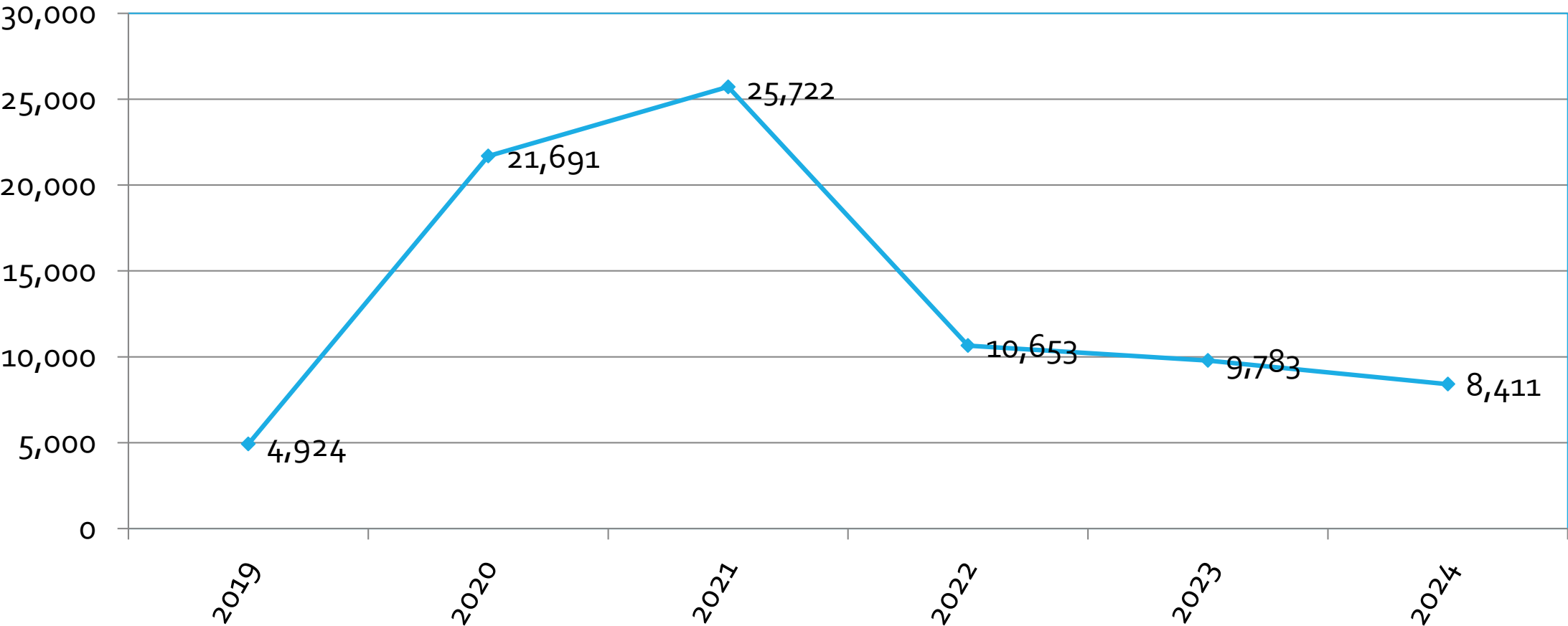
|                                                                                          |      |      |      |      |      |      |      |      |      |      |
|------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|
| ND DEA Registered Doctors                                                                | 5452 | 5522 | 5583 | 5636 | 5735 | 5802 | 5918 | 5980 | 6214 | 6290 |
| ND Doctors who authorized prescriptions                                                  | 4787 | 4868 | 4940 | 5003 | 5109 | 5109 | 5265 | 5333 | 5457 | 5540 |
| ND Doctors also registered with ND PDMP                                                  | 2431 | 2460 | 2478 | 2492 | 2518 | 2667 | 2745 | 2757 | 2806 | 2835 |
| ND Doctor/their appointed delegate who accessed the system on their behalf (counts as 1) | 2388 | 2418 | 2433 | 2445 | 2466 | 2525 | 2541 | 2550 | 2582 | 2601 |

# Other Practitioners - Authorization vs. Utilization

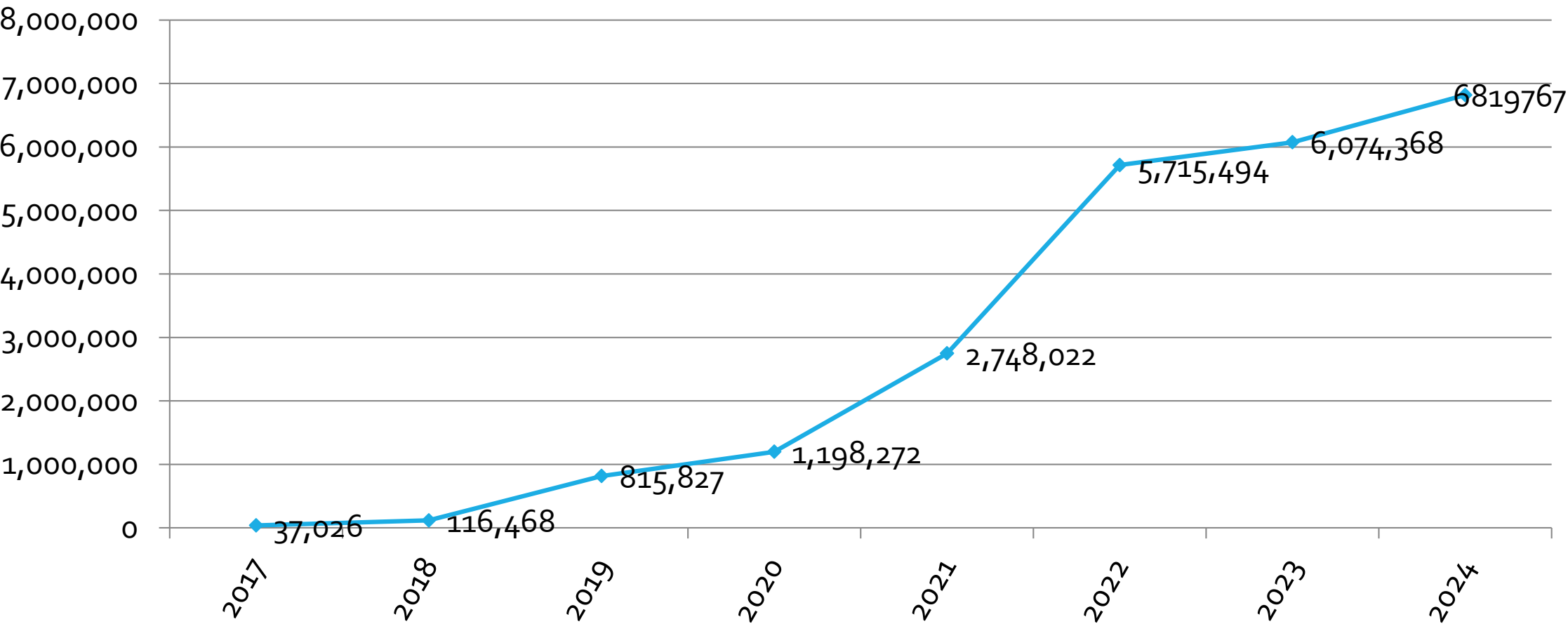


|                                                                                                |      |      |      |      |      |      |      |      |      |      |
|------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|
| ND DEA Registered Other Practitioners                                                          | 2236 | 2289 | 2330 | 2367 | 2431 | 2470 | 2540 | 2574 | 2701 | 2765 |
| ND Other Practitioners Authorized Prescriptions                                                | 2069 | 2125 | 2468 | 2209 | 2273 | 2273 | 2378 | 2416 | 2473 | 2540 |
| ND Other Practitioners Registered with ND PDMP                                                 | 1366 | 1399 | 1423 | 1440 | 1461 | 1520 | 1526 | 1541 | 1676 | 1709 |
| ND Practitioner/their Appointed Delegate who Accessed the System on their behalf (counts as 1) | 1376 | 1406 | 1430 | 1446 | 1464 | 1465 | 1543 | 1554 | 1590 | 1619 |

# ND Health Information Exchange Yearly Requests



# ND Gateway Requests



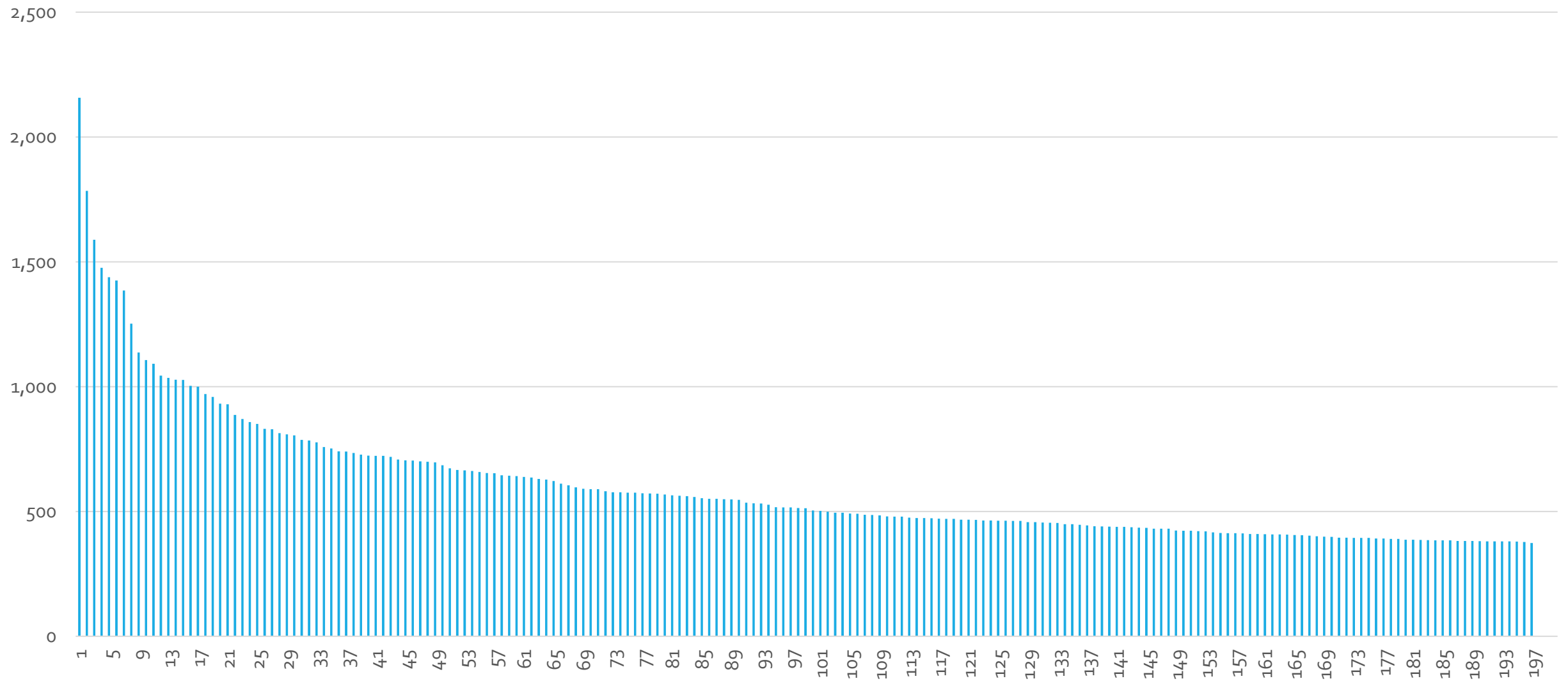
# Prescriptions Dispensed by Class

|                      | 2021<br>Q4 | 2022<br>Q1 | 2022<br>Q2 | 2022<br>Q3 | 2022<br>Q4 | 2023<br>Q1 | 2023<br>Q2 | 2023<br>Q3 | 2023<br>Q4 | 2024<br>Q1 | 2024<br>Q2 | 2024<br>Q3 | 2024<br>Q4 |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Anesthetic           | 300        | 271        | 283        | 356        | 290        | 278        | 260        | 250        | 228        | 253        | 248        | 267        | 286        |
| Cannabinoid          | 133        | 139        | 190        | 129        | 153        | 126        | 162        | 157        | 175        | 123        | 43         | 65         | 83         |
| Narcotic/<br>Opioids | 116,319    | 111,085    | 110,425    | 109,155    | 115,735    | 114,039    | 110,992    | 106,994    | 112,600    | 108,994    | 108,451    | 107,696    | 113,786    |
| Other                | 47,924     | 45,938     | 40,445     | 46,033     | 38,230     | 38,095     | 39,245     | 38,585     | 39,942     | 38,462     | 39,301     | 40,994     | 40,624     |
| Sedative             | 90,929     | 89,194     | 97,260     | 90,502     | 100,119    | 103,135    | 100,863    | 99,785     | 102,354    | 101,677    | 101,792    | 103,594    | 96,543     |
| Steroid              | 3,312      | 3,279      | 3,523      | 2,841      | 3,635      | 3,744      | 4,091      | 4,268      | 4,441      | 4,583      | 5,099      | 5,483      | 5,803      |
| Stimulant            | 65,936     | 67,644     | 70,232     | 59,331     | 76,563     | 80,612     | 81,619     | 82,966     | 89,755     | 93,615     | 95,479     | 98,258     | 100,783    |
| Blank                | 201        | 208        | 207        | 140        | 68         | 167        | 210        | 72         | 212        | 233        | 223        | 406*       | 7,423**    |
| Total                | 325,054    | 317,782    | 322,565    | 308,960    | 334,951    | 340,268    | 337,442    | 333,238    | 349,707    | 347,940    | 350,699    | 356,763    | 365,331    |

# Prescriptions Dispensed by Class

|             | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Anesthetic  | 45        | 1,484     | 2122      | 1,559     | 1346      | 1,115     | 1,016     | 1,054     |
| Cannabinoid | 770       | 728       | 735       | 664       | 617       | 674       | 621       | 314       |
| GI Narcotic | 2,645     | 3,001     | 3,067     | 3,163     | 474       | ---       | ---       | 1         |
| Narcotic    | 573,534   | 515,653   | 489,357   | 454,230   | 449,764   | 454,003   | 445,464   | 439,313   |
| Neuropain   | 36,696    | 9,948     | ---       | ---       | ---       | ---       | ---       | 5,968     |
| Other       | 86,863    | 179,939   | 187,426   | 185,668   | 188,014   | 166,705   | 156,325   | 159,435   |
| Sedative    | 378,375   | 386,733   | 384,362   | 370,528   | 361,259   | 391,789   | 406,859   | 403,810   |
| Steroid     | 8,428     | 10,156    | 10,546    | 10,974    | 12,227    | 14,184    | 16,556    | 20,973    |
| Stimulant   | 201,242   | 208,872   | 217,918   | 222,649   | 248,148   | 287,028   | 334,786   | 388,245   |
| Unassigned  | 149       | 285       | 530       | 638       | 660       | 646       | 647       | 2,384     |
| Total       | 1,288,747 | 1,316,799 | 1,296,063 | 1,250,073 | 1,262,509 | 1,316,144 | 1,362,274 | 1,421,497 |

\*null and unassigned categories are all under "Unassigned".



# TOP 200 PRESCRIBERS BY NUMBER OF PRESCRIPTIONS IN 2024, QUARTER 4

# Reportable Prescriptions per Patient County

## Quarter 4 - 2024

| Patient County       | 2024 Estimated County Population | Prescription Count | Prescription Count Per Population | Quantity          | Quantity Count Per Population | Patient Count* | Prescription Count Per Patient* | Quantity Per Patient* |
|----------------------|----------------------------------|--------------------|-----------------------------------|-------------------|-------------------------------|----------------|---------------------------------|-----------------------|
| <b>Grand Total</b>   | <b>788,940</b>                   | <b>311,914</b>     | <b>0.40</b>                       | <b>16,977,303</b> | <b>21.52</b>                  | <b>113,951</b> | <b>2.74</b>                     | <b>148.99</b>         |
| <b>Adams</b>         | 2,193                            | 919                | 0.42                              | 50,817            | 23.17                         | 305            | 3.01                            | 166.61                |
| <b>Barnes</b>        | 10,691                           | 5,500              | 0.51                              | 301,870           | 28.24                         | 1,812          | 3.04                            | 166.59                |
| <b>Benson</b>        | 5,718                            | 2,724              | 0.48                              | 140,568           | 24.58                         | 895            | 3.04                            | 157.06                |
| <b>Billings</b>      | 1,043                            | 190                | 0.18                              | 10,879            | 10.43                         | 100            | 1.90                            | 108.79                |
| <b>Bottineau</b>     | 6,314                            | 2,180              | 0.35                              | 117,742           | 18.65                         | 859            | 2.54                            | 137.07                |
| <b>Bowman</b>        | 2,835                            | 936                | 0.33                              | 49,478            | 17.45                         | 355            | 2.64                            | 139.37                |
| <b>Burke</b>         | 2,136                            | 808                | 0.38                              | 51,349            | 24.04                         | 313            | 2.58                            | 164.05                |
| <b>Burleigh</b>      | 100,628                          | 38,674             | 0.38                              | 2,079,733         | 20.67                         | 14,343         | 2.70                            | 145.00                |
| <b>Cass</b>          | 200,011                          | 75,816             | 0.38                              | 3,890,045         | 19.45                         | 27,713         | 2.74                            | 140.37                |
| <b>Cavalier</b>      | 3,584                            | 1,570              | 0.44                              | 88,357            | 24.65                         | 613            | 2.56                            | 144.14                |
| <b>Dickey</b>        | 4,872                            | 2,169              | 0.45                              | 122,320           | 25.11                         | 718            | 3.02                            | 170.36                |
| <b>Divide</b>        | 2,101                            | 770                | 0.37                              | 52,611            | 25.04                         | 259            | 2.97                            | 203.13                |
| <b>Dunn</b>          | 4,044                            | 1,698              | 0.42                              | 96,863            | 23.95                         | 633            | 2.68                            | 153.02                |
| <b>Eddy</b>          | 2,219                            | 1,058              | 0.48                              | 63,025            | 28.40                         | 356            | 2.97                            | 177.04                |
| <b>Emmons</b>        | 3,194                            | 885                | 0.28                              | 52,654            | 16.49                         | 375            | 2.36                            | 140.41                |
| <b>Foster</b>        | 3,238                            | 1,406              | 0.43                              | 75,894            | 23.44                         | 519            | 2.71                            | 146.23                |
| <b>Golden Valley</b> | 1,740                            | 702                | 0.40                              | 38,213            | 21.96                         | 269            | 2.61                            | 142.05                |

\*An exact Patient Count, Prescription Count Per Patient and Quantity Per Patient have been added to this report. Plans are to move to this reporting metric exclusively in the future (2026) and remove the estimated amounts. Estimated amounts

# Reportable Prescriptions per Patient County

## Quarter 4 - 2024

| Patient County     | 2024 Estimated County Population | Prescription Count | Prescription Count Per Population | Quantity          | Quantity Count Per Population | Patient Count* | Prescription Count Per Patient* | Quantity Per Patient* |
|--------------------|----------------------------------|--------------------|-----------------------------------|-------------------|-------------------------------|----------------|---------------------------------|-----------------------|
| <b>Grand Total</b> | <b>788,940</b>                   | <b>311,914</b>     | <b>0.40</b>                       | <b>16,977,303</b> | <b>21.52</b>                  | <b>113,951</b> | <b>2.74</b>                     | <b>148.99</b>         |
| <b>Grand Forks</b> | 72,995                           | 28,892             | 0.40                              | 1,556,102         | 21.32                         | 10,032         | 2.88                            | 155.11                |
| <b>Grant</b>       | 2,192                            | 784                | 0.36                              | 47,820            | 21.82                         | 274            | 2.86                            | 174.52                |
| <b>Griggs</b>      | 2,247                            | 959                | 0.43                              | 50,886            | 22.65                         | 360            | 2.66                            | 141.35                |
| <b>Hettinger</b>   | 2,419                            | 857                | 0.35                              | 52,193            | 21.58                         | 335            | 2.56                            | 155.80                |
| <b>Kidder</b>      | 2,303                            | 848                | 0.37                              | 54,708            | 23.76                         | 336            | 2.52                            | 162.82                |
| <b>LaMoure</b>     | 4,116                            | 1,324              | 0.32                              | 79,452            | 19.30                         | 570            | 2.32                            | 139.39                |
| <b>Logan</b>       | 1,900                            | 648                | 0.34                              | 41,193            | 21.68                         | 248            | 2.61                            | 166.10                |
| <b>McHenry</b>     | 5,067                            | 2,115              | 0.42                              | 126,861           | 25.04                         | 864            | 2.45                            | 146.83                |
| <b>McIntosh</b>    | 2,481                            | 1,013              | 0.41                              | 61,075            | 24.62                         | 369            | 2.75                            | 165.51                |
| <b>McKenzie</b>    | 14,615                           | 4,341              | 0.30                              | 219,462           | 15.02                         | 1,650          | 2.63                            | 133.01                |
| <b>McLean</b>      | 9,806                            | 4,086              | 0.42                              | 254,519           | 25.96                         | 1,545          | 2.64                            | 164.74                |
| <b>Mercer</b>      | 8,291                            | 3,005              | 0.36                              | 167,921           | 20.25                         | 1,132          | 2.65                            | 148.34                |
| <b>Morton</b>      | 34,085                           | 13,803             | 0.40                              | 802,729           | 23.55                         | 5,100          | 2.71                            | 157.40                |
| <b>Mountrail</b>   | 9,525                            | 3,671              | 0.39                              | 208,028           | 21.84                         | 1,347          | 2.73                            | 154.44                |
| <b>Nelson</b>      | 2,983                            | 1,510              | 0.51                              | 81,190            | 27.22                         | 513            | 2.94                            | 158.27                |
| <b>Oliver</b>      | 1,896                            | 592                | 0.31                              | 33,836            | 17.85                         | 247            | 2.40                            | 136.99                |
| <b>Pembina</b>     | 6,577                            | 3,062              | 0.47                              | 180,020           | 27.37                         | 1,121          | 2.73                            | 160.59                |
| <b>Pierce</b>      | 3,873                            | 1,579              | 0.41                              | 90,509            | 23.37                         | 582            | 2.71                            | 155.51                |

# Reportable Prescriptions per Patient County

## Quarter 4 - 2024

| Patient County     | 2024 Estimated County Population | Prescription Count | Prescription Count Per Population | Quantity          | Quantity Count Per Population | Patient Count* | Prescription Count Per Patient* | Quantity Per Patient* |
|--------------------|----------------------------------|--------------------|-----------------------------------|-------------------|-------------------------------|----------------|---------------------------------|-----------------------|
| <b>Grand Total</b> | <b>788,940</b>                   | <b>311,914</b>     | <b>0.40</b>                       | <b>16,977,303</b> | <b>21.52</b>                  | 113,951        | 2.74                            | 148.99                |
| <b>Ramsey</b>      | 11,410                           | 5,838              | 0.51                              | 319,615           | 28.01                         | 1,928          | 3.03                            | 165.78                |
| <b>Ransom</b>      | 5,559                            | 2,707              | 0.49                              | 143,517           | 25.82                         | 926            | 2.92                            | 154.99                |
| <b>Renville</b>    | 2,308                            | 794                | 0.34                              | 47,813            | 20.72                         | 334            | 2.38                            | 143.15                |
| <b>Richland</b>    | 16,542                           | 6,562              | 0.40                              | 363,610           | 21.98                         | 2,497          | 2.63                            | 145.62                |
| <b>Rolette</b>     | 11,589                           | 5,780              | 0.50                              | 305,966           | 26.40                         | 1,919          | 3.01                            | 159.44                |
| <b>Sargent</b>     | 3,748                            | 1,231              | 0.33                              | 77,256            | 20.61                         | 558            | 2.21                            | 138.45                |
| <b>Sheridan</b>    | 1,246                            | 568                | 0.46                              | 34,113            | 27.38                         | 203            | 2.80                            | 168.04                |
| <b>Sioux</b>       | 3,600                            | 1,184              | 0.33                              | 75,921            | 21.09                         | 413            | 2.87                            | 183.83                |
| <b>Slope</b>       | 666                              | 217                | 0.33                              | 16,498            | 24.77                         | 77             | 2.82                            | 214.26                |
| <b>Stark</b>       | 33,284                           | 13,626             | 0.41                              | 746,465           | 22.43                         | 4,844          | 2.81                            | 154.10                |
| <b>Steele</b>      | 1,771                            | 672                | 0.38                              | 42,309            | 23.89                         | 269            | 2.50                            | 157.28                |
| <b>Stutsman</b>    | 21,308                           | 10,583             | 0.50                              | 594,610           | 27.91                         | 3,586          | 2.95                            | 165.81                |
| <b>Towner</b>      | 2,000                            | 1,117              | 0.56                              | 71,765            | 35.88                         | 411            | 2.72                            | 174.61                |
| <b>Traill</b>      | 7,861                            | 3,249              | 0.41                              | 196,229           | 24.96                         | 1,296          | 2.51                            | 151.41                |
| <b>Walsh</b>       | 10,150                           | 4,986              | 0.49                              | 280,445           | 27.63                         | 1,753          | 2.84                            | 159.98                |
| <b>Ward</b>        | 67,876                           | 23,038             | 0.34                              | 1,244,424         | 18.33                         | 9,132          | 2.52                            | 136.27                |
| <b>Wells</b>       | 3,830                            | 1,925              | 0.50                              | 111,293           | 29.06                         | 701            | 2.75                            | 158.76                |
| <b>Williams</b>    | 40,260                           | 14,641             | 0.36                              | 799,505           | 19.86                         | 5,282          | 2.77                            | 151.36                |

# Opioid Prescriptions per ND Patient County

## Quarter 4 - 2024

| Patient County       | 2024<br>Estimated<br>County<br>Population | Prescription<br>Count | Prescription Count<br>Per Population | Quantity         | Quantity Count Per<br>Population | Patient<br>Count | Prescription Count<br>Per Patient | Quantity Per Patient |
|----------------------|-------------------------------------------|-----------------------|--------------------------------------|------------------|----------------------------------|------------------|-----------------------------------|----------------------|
| <b>Grand Total</b>   | <b>788,940</b>                            | <b>85,690</b>         | <b>0.11</b>                          | <b>4,121,800</b> | <b>5.22</b>                      | <b>40,055</b>    | <b>2.14</b>                       | <b>102.90</b>        |
| <b>Adams</b>         | 2,193                                     | 356                   | 0.16                                 | 19,406           | 8.85                             | 146              | 2.44                              | 132.91               |
| <b>Barnes</b>        | 10,691                                    | 1,504                 | 0.14                                 | 73,190           | 6.85                             | 632              | 2.38                              | 115.81               |
| <b>Benson</b>        | 5,718                                     | 1,215                 | 0.21                                 | 55,279           | 9.67                             | 473              | 2.57                              | 116.87               |
| <b>Billings</b>      | 1,043                                     | 78                    | 0.07                                 | 3,282            | 3.15                             | 47               | 1.66                              | 69.83                |
| <b>Bottineau</b>     | 6,314                                     | 637                   | 0.10                                 | 26,059           | 4.13                             | 320              | 1.99                              | 81.43                |
| <b>Bowman</b>        | 2,835                                     | 245                   | 0.09                                 | 12,960           | 4.57                             | 122              | 2.01                              | 106.23               |
| <b>Burke</b>         | 2,136                                     | 263                   | 0.12                                 | 17,419           | 8.15                             | 114              | 2.31                              | 152.80               |
| <b>Burleigh</b>      | 100,628                                   | 11,567                | 0.11                                 | 559,945          | 5.56                             | 5,345            | 2.16                              | 104.76               |
| <b>Cass</b>          | 200,011                                   | 15,864                | 0.08                                 | 627,526          | 3.14                             | 7,955            | 1.99                              | 78.88                |
| <b>Cavalier</b>      | 3,584                                     | 485                   | 0.14                                 | 21,681           | 6.05                             | 246              | 1.97                              | 88.13                |
| <b>Dickey</b>        | 4,872                                     | 671                   | 0.14                                 | 34,194           | 7.02                             | 268              | 2.50                              | 127.59               |
| <b>Divide</b>        | 2,101                                     | 313                   | 0.15                                 | 21,443           | 10.21                            | 142              | 2.20                              | 151.01               |
| <b>Dunn</b>          | 4,044                                     | 608                   | 0.15                                 | 34,869           | 8.62                             | 272              | 2.24                              | 128.19               |
| <b>Eddy</b>          | 2,219                                     | 364                   | 0.16                                 | 21,774           | 9.81                             | 151              | 2.41                              | 144.20               |
| <b>Emmons</b>        | 3,194                                     | 327                   | 0.10                                 | 14,685           | 4.60                             | 159              | 2.06                              | 92.36                |
| <b>Foster</b>        | 3,238                                     | 454                   | 0.14                                 | 23,880           | 7.37                             | 228              | 1.99                              | 104.74               |
| <b>Golden Valley</b> | 1,740                                     | 220                   | 0.13                                 | 12,397           | 7.12                             | 120              | 1.83                              | 103.31               |

# Opioid Prescriptions per ND Patient County

## Quarter 4 - 2024

| Patient County     | 2024<br>Estimated<br>County<br>Population | Prescription<br>Count | Prescription Count<br>Per Population | Quantity         | Quantity Count Per<br>Population | Patient<br>Count | Prescription Count<br>Per Patient | Quantity Per Patient |
|--------------------|-------------------------------------------|-----------------------|--------------------------------------|------------------|----------------------------------|------------------|-----------------------------------|----------------------|
| <b>Grand Total</b> | <b>788,940</b>                            | <b>85,690</b>         | <b>0.11</b>                          | <b>4,121,800</b> | <b>5.22</b>                      | <b>40,055</b>    | <b>2.14</b>                       | <b>102.90</b>        |
| <b>Grand Forks</b> | 72,995                                    | 7,818                 | 0.11                                 | 380,456          | 5.21                             | 3,615            | 2.16                              | 105.24               |
| <b>Grant</b>       | 2,192                                     | 306                   | 0.14                                 | 17,707           | 8.08                             | 131              | 2.34                              | 135.17               |
| <b>Griggs</b>      | 2,247                                     | 227                   | 0.10                                 | 10,182           | 4.53                             | 125              | 1.82                              | 81.46                |
| <b>Hettinger</b>   | 2,419                                     | 352                   | 0.15                                 | 20,865           | 8.63                             | 173              | 2.03                              | 120.61               |
| <b>Kidder</b>      | 2,303                                     | 283                   | 0.12                                 | 17,999           | 7.82                             | 138              | 2.05                              | 130.43               |
| <b>LaMoure</b>     | 4,116                                     | 406                   | 0.10                                 | 17,047           | 4.14                             | 210              | 1.93                              | 81.18                |
| <b>Logan</b>       | 1,900                                     | 199                   | 0.10                                 | 9,761            | 5.14                             | 102              | 1.95                              | 95.70                |
| <b>McHenry</b>     | 5,067                                     | 640                   | 0.13                                 | 29,927           | 5.91                             | 327              | 1.96                              | 91.52                |
| <b>McIntosh</b>    | 2,481                                     | 438                   | 0.18                                 | 20,807           | 8.39                             | 173              | 2.53                              | 120.27               |
| <b>McKenzie</b>    | 14,615                                    | 1,120                 | 0.08                                 | 51,527           | 3.53                             | 577              | 1.94                              | 89.30                |
| <b>McLean</b>      | 9,806                                     | 1,438                 | 0.15                                 | 80,899           | 8.25                             | 643              | 2.24                              | 125.82               |
| <b>Mercer</b>      | 8,291                                     | 1,081                 | 0.13                                 | 59,677           | 7.20                             | 465              | 2.32                              | 128.34               |
| <b>Morton</b>      | 34,085                                    | 4,440                 | 0.13                                 | 235,045          | 6.90                             | 2,046            | 2.17                              | 114.88               |
| <b>Mountrail</b>   | 9,525                                     | 1,080                 | 0.11                                 | 56,586           | 5.94                             | 489              | 2.21                              | 115.72               |
| <b>Nelson</b>      | 2,983                                     | 474                   | 0.16                                 | 23,909           | 8.02                             | 207              | 2.29                              | 115.50               |
| <b>Oliver</b>      | 1,896                                     | 226                   | 0.12                                 | 12,652           | 6.67                             | 118              | 1.92                              | 107.22               |
| <b>Pembina</b>     | 6,577                                     | 968                   | 0.15                                 | 50,973           | 7.75                             | 443              | 2.19                              | 115.06               |
| <b>Pierce</b>      | 3,873                                     | 507                   | 0.13                                 | 22,510           | 5.81                             | 236              | 2.15                              | 95.38                |

# Opioid Prescriptions per ND Patient County

## Quarter 4 - 2024

| Patient County     | 2024<br>Estimated<br>County<br>Population | Prescription<br>Count | Prescription Count<br>Per Population | Quantity         | Quantity Count Per<br>Population | Patient<br>Count | Prescription Count<br>Per Patient | Quantity Per Patient |
|--------------------|-------------------------------------------|-----------------------|--------------------------------------|------------------|----------------------------------|------------------|-----------------------------------|----------------------|
| <b>Grand Total</b> | <b>788,940</b>                            | <b>85,690</b>         | <b>0.11</b>                          | <b>4,121,800</b> | <b>5.22</b>                      | <b>40,055</b>    | <b>2.14</b>                       | <b>102.90</b>        |
| <b>Ramsey</b>      | 11,410                                    | 1,950                 | 0.17                                 | 97,213           | 8.52                             | 804              | 2.43                              | 120.91               |
| <b>Ransom</b>      | 5,559                                     | 763                   | 0.14                                 | 30,082           | 5.41                             | 343              | 2.22                              | 87.70                |
| <b>Renville</b>    | 2,308                                     | 194                   | 0.08                                 | 9,433            | 4.09                             | 109              | 1.78                              | 86.54                |
| <b>Richland</b>    | 16,542                                    | 1,529                 | 0.09                                 | 63,031           | 3.81                             | 746              | 2.05                              | 84.49                |
| <b>Rolette</b>     | 11,589                                    | 1,987                 | 0.17                                 | 109,570          | 9.45                             | 869              | 2.29                              | 126.09               |
| <b>Sargent</b>     | 3,748                                     | 315                   | 0.08                                 | 12,771           | 3.41                             | 181              | 1.74                              | 70.56                |
| <b>Sheridan</b>    | 1,246                                     | 223                   | 0.18                                 | 12,018           | 9.65                             | 95               | 2.35                              | 126.51               |
| <b>Sioux</b>       | 3,600                                     | 556                   | 0.15                                 | 33,308           | 9.25                             | 232              | 2.40                              | 143.57               |
| <b>Slope</b>       | 666                                       | 85                    | 0.13                                 | 8,893            | 13.35                            | 36               | 2.36                              | 247.03               |
| <b>Stark</b>       | 33,284                                    | 4,641                 | 0.14                                 | 244,835          | 7.36                             | 1,992            | 2.33                              | 122.91               |
| <b>Steele</b>      | 1,771                                     | 199                   | 0.11                                 | 8,413            | 4.75                             | 89               | 2.24                              | 94.53                |
| <b>Stutsman</b>    | 21,308                                    | 2,880                 | 0.14                                 | 135,173          | 6.34                             | 1,282            | 2.25                              | 105.44               |
| <b>Towner</b>      | 2,000                                     | 416                   | 0.21                                 | 25,451           | 12.73                            | 180              | 2.31                              | 141.39               |
| <b>Traill</b>      | 7,861                                     | 726                   | 0.09                                 | 29,438           | 3.74                             | 366              | 1.98                              | 80.43                |
| <b>Walsh</b>       | 10,150                                    | 1,474                 | 0.15                                 | 76,285           | 7.52                             | 678              | 2.17                              | 112.51               |
| <b>Ward</b>        | 67,876                                    | 5,567                 | 0.08                                 | 246,751          | 3.64                             | 2,826            | 1.97                              | 87.31                |
| <b>Wells</b>       | 3,830                                     | 640                   | 0.17                                 | 31,938           | 8.34                             | 285              | 2.25                              | 112.06               |
| <b>Williams</b>    | 40,260                                    | 4,371                 | 0.11                                 | 248,681          | 6.18                             | 1,984            | 2.20                              | 125.34               |

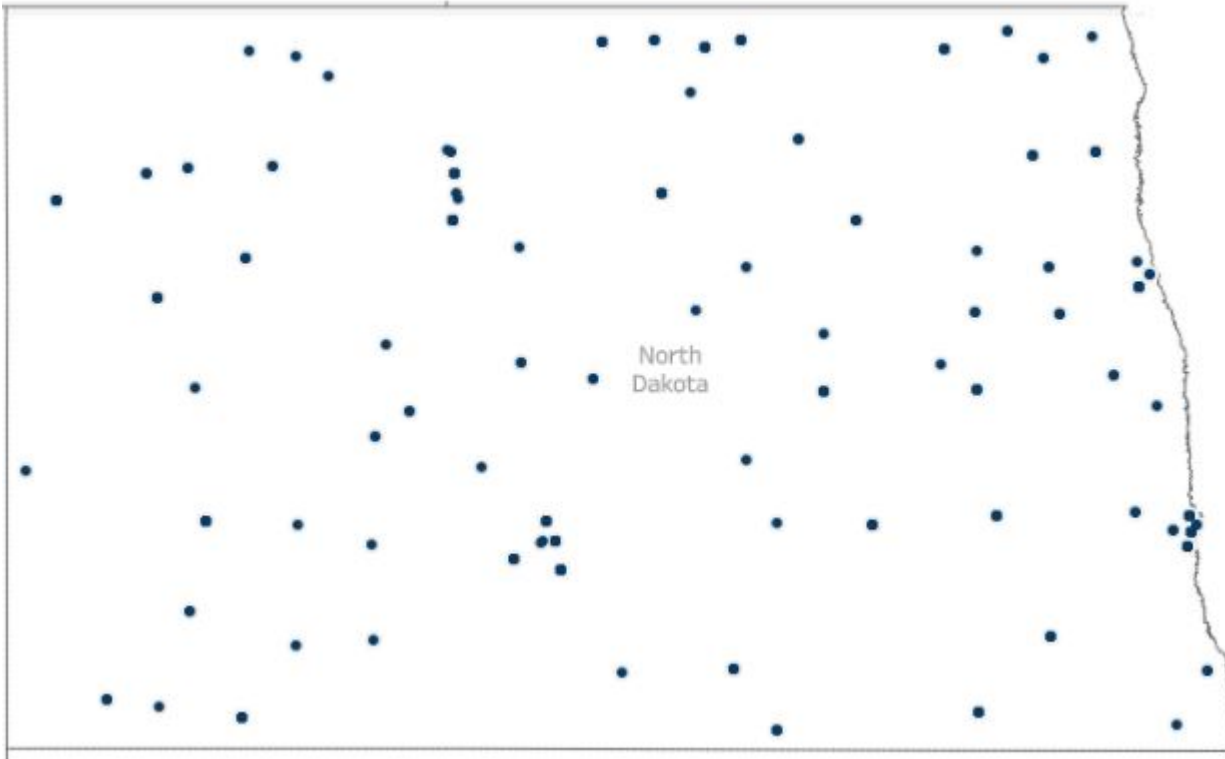
## PMP InterConnect

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. It is governed by its 52 PDMP members.

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

# Gateway Facilities



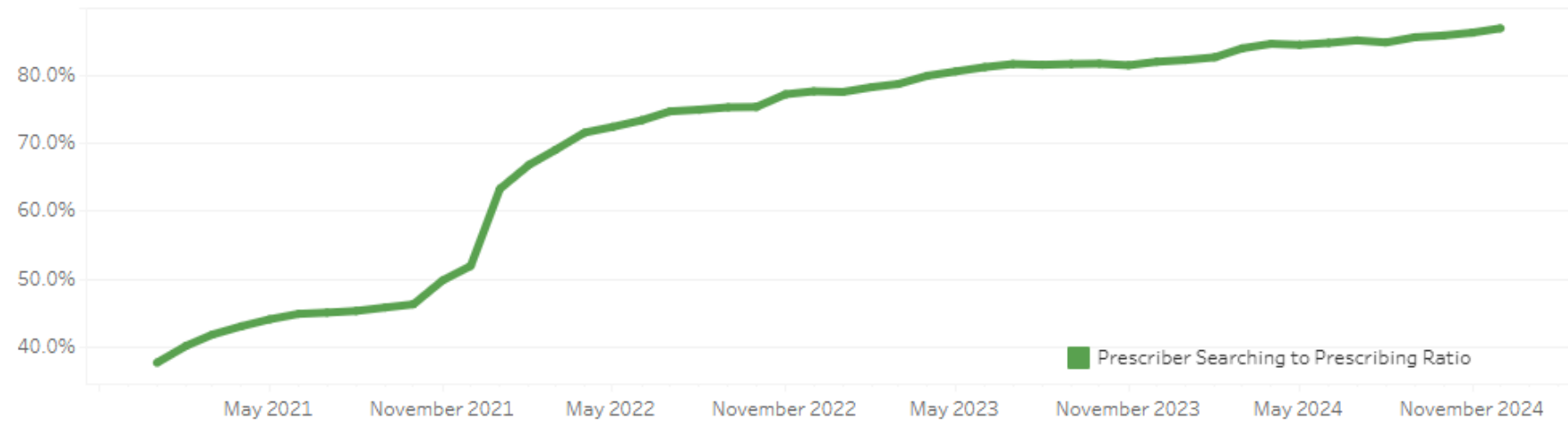
PMP Gateway integrates PDMP data, analytics, insights and resources into electronic health records, health information exchanges, and pharmacy management system workflows, making it easy and efficient for healthcare providers and pharmacists to access patient information, in line with state laws, *before* prescribing/dispensing additional medication.

Currently, ND has had 5.91M successful requests over the past 18 months from 7,606 unique requestor IDs, of which 5,799 were identified as a practitioner ID and actively licensed in ND. Consolidation Process reveals that a single user could request through multiple types of IDs (DEA, NPI, etc), we consolidated Practitioner IDs down to the unique practitioner.

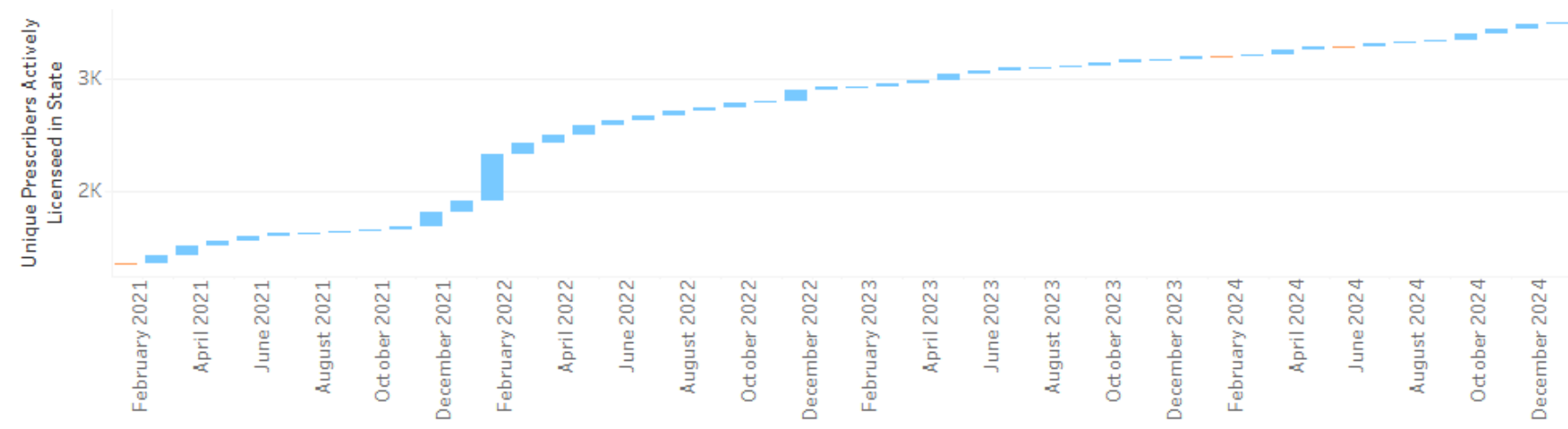
Consolidation reveals that 3,995 practitioners searched in the past 18 months. Filtering those down to practitioners who have an active DEA gives us 3,515 prescribers. Comparing that to the 4047 prescribers who prescribed a controlled substance in ND, and there's an 86.85% search rate using Gateway.

Prescriber Usage Trend

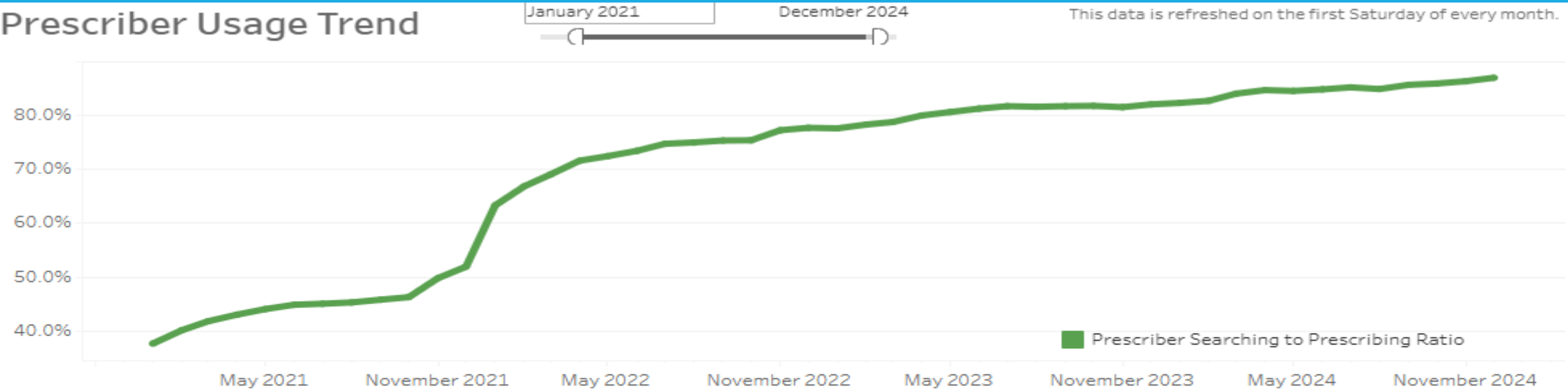
January 2021 December 2024 This data is refreshed on the first Saturday of every month.



|                                                  | 2021    |          |        |        |        |        |        |        |           |         |          |          | 2022    | 2023     |
|--------------------------------------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|---------|----------|
|                                                  | January | February | March  | April  | May    | June   | July   | August | September | October | November | December | January | February |
| Prescribers Actively Licenseed in State (Unique) | 1,350   | 1,429    | 1,520  | 1,560  | 1,598  | 1,624  | 1,627  | 1,638  | 1,661     | 1,685   | 1,822    | 1,909    | 2,326   | 2,326    |
| Prescribers Universe (Unique from AWA Rx E)      | 3,587   | 3,562    | 3,638  | 3,627  | 3,629  | 3,622  | 3,614  | 3,619  | 3,629     | 3,644   | 3,662    | 3,679    | 3,679   | 3,679    |
| Prescriber Searching to Prescribing Ratio        | 37.64%  | 40.12%   | 41.78% | 43.01% | 44.03% | 44.84% | 45.02% | 45.26% | 45.77%    | 46.24%  | 49.75%   | 51.89%   | 63.22%  | 66.00%   |



GATEWAY PENETRATION

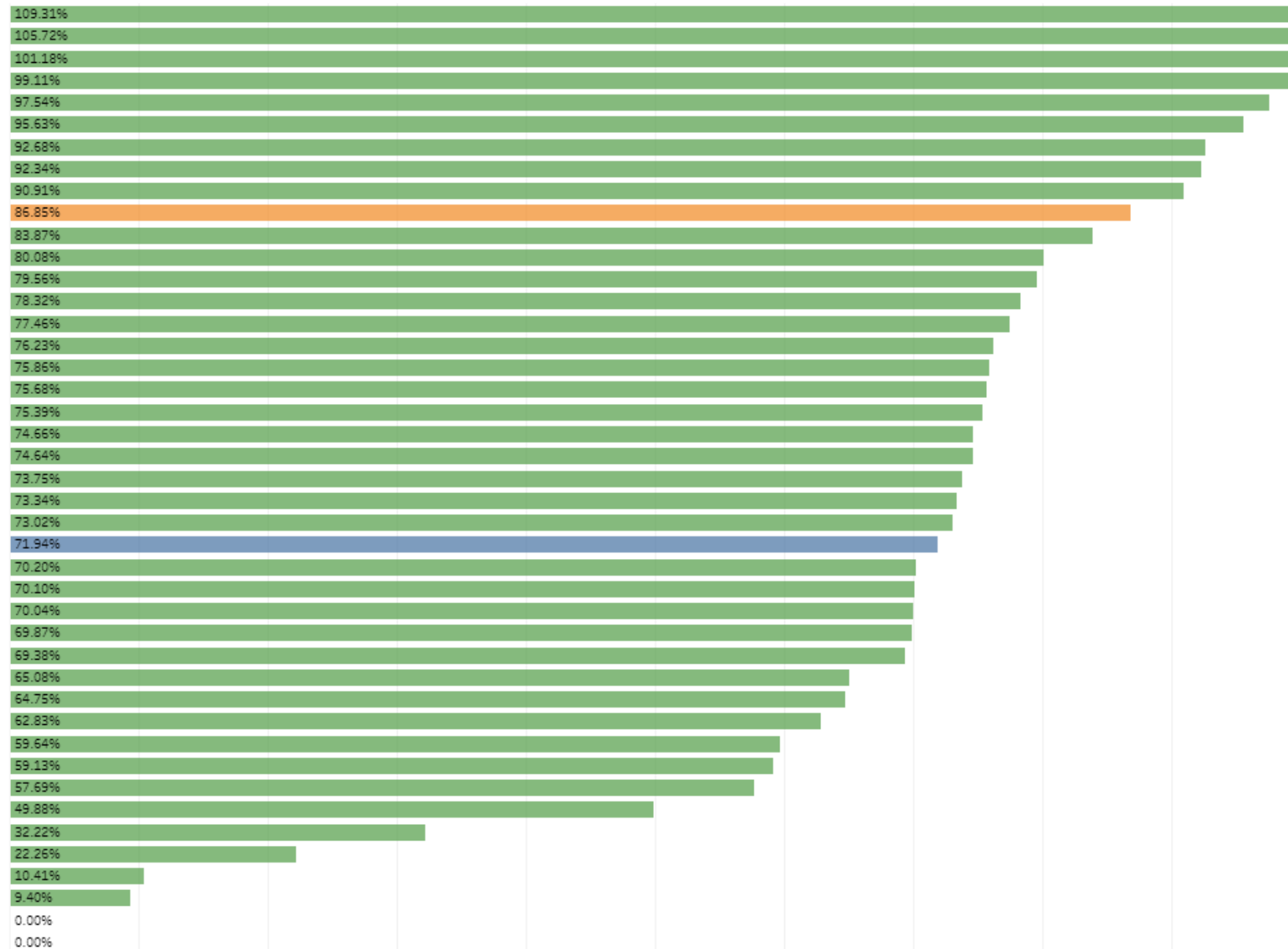


|                                                  | em.. | Decemb.. | 2024    |          |        |        |        |        |        |        |          |         |         |          |
|--------------------------------------------------|------|----------|---------|----------|--------|--------|--------|--------|--------|--------|----------|---------|---------|----------|
|                                                  |      |          | January | February | March  | April  | May    | June   | July   | August | Septem.. | October | Novem.. | Decemb.. |
| Prescribers Actively Licenseed in State (Unique) | ,185 | 3,205    | 3,204   | 3,217    | 3,260  | 3,289  | 3,288  | 3,317  | 3,337  | 3,345  | 3,415    | 3,447   | 3,491   | 3,515    |
| Prescribers Universe (Unique from AWA Rx E)      | ,912 | 3,912    | 3,898   | 3,895    | 3,885  | 3,889  | 3,895  | 3,916  | 3,922  | 3,946  | 3,992    | 4,018   | 4,049   | 4,047    |
| Prescriber Searching to Prescribing Ratio        | 42%  | 81.93%   | 82.20%  | 82.59%   | 83.91% | 84.57% | 84.42% | 84.70% | 85.08% | 84.77% | 85.55%   | 85.79%  | 86.22%  | 86.85%   |

# GATEWAY PENETRATION

## State Blind Ranking by Prescriber Usage Ratio

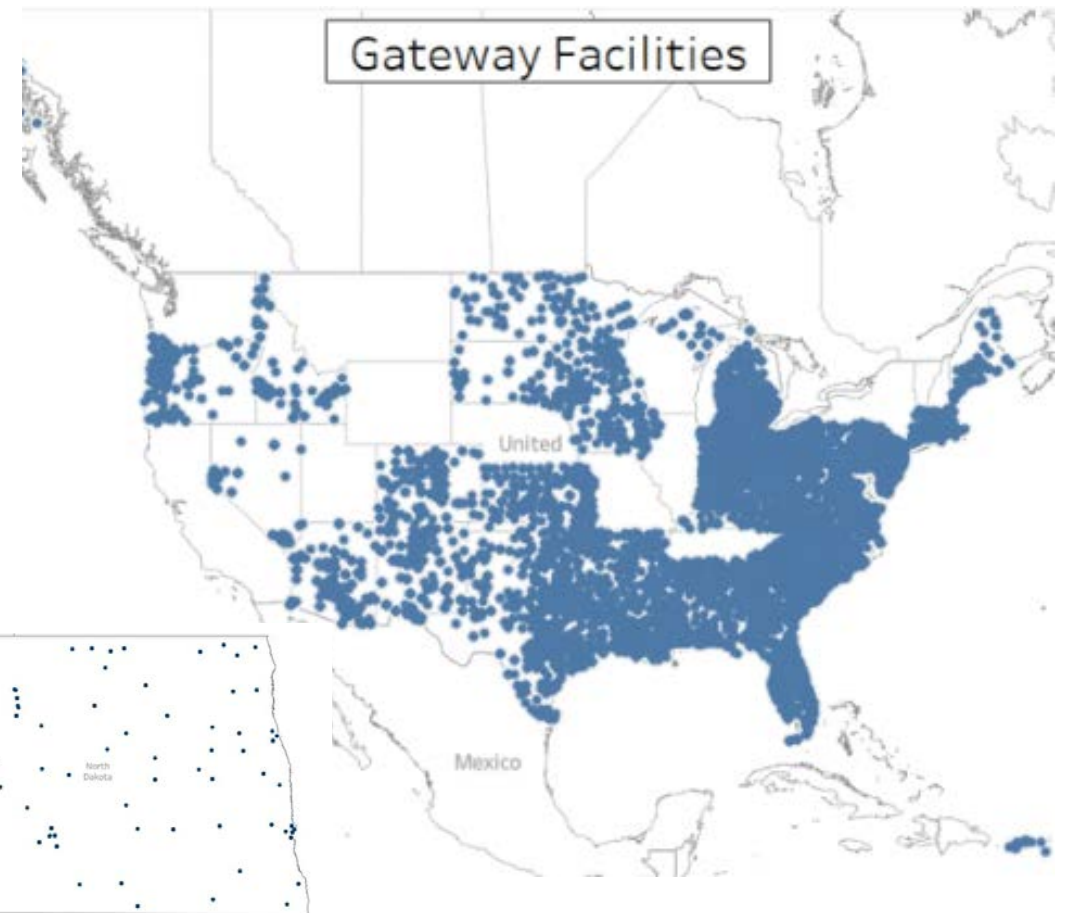
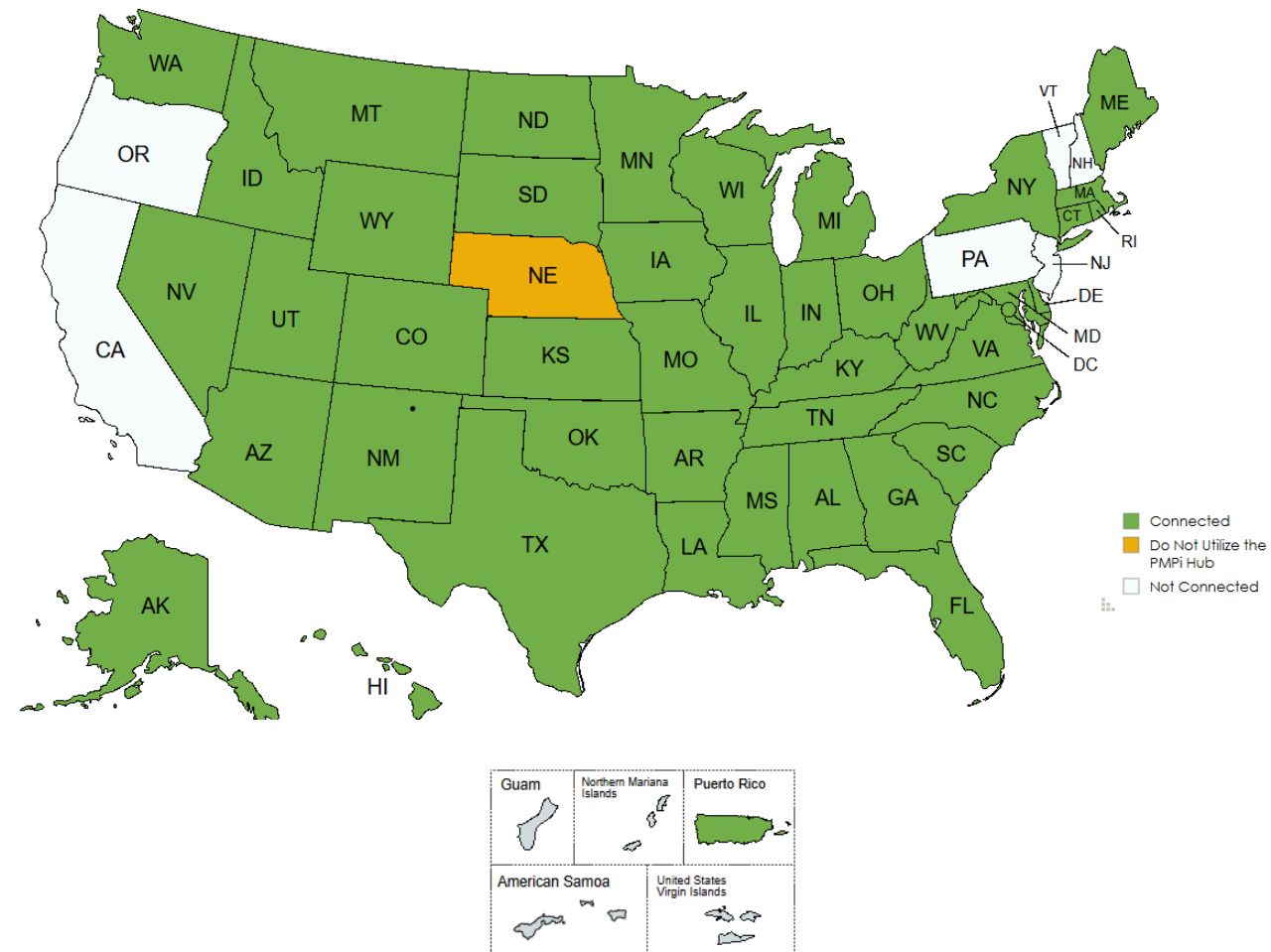
Your State (orange) among other states (green).



## Gateway Statistics: Calculating Prescriber Usage

- Consolidation reveals that 3,995 practitioners searched in the past 18 months.
- Practitioners with an active DEA 3,515
- Comparing that to the 4,047 prescribers who prescribed a controlled substance in ND and there's an 86.85% search rate using Gateway.

This data is refreshed on the first Saturday of every month. These percentages can go above 100% signaling that you have more Gateway Searchers than Prescribers.



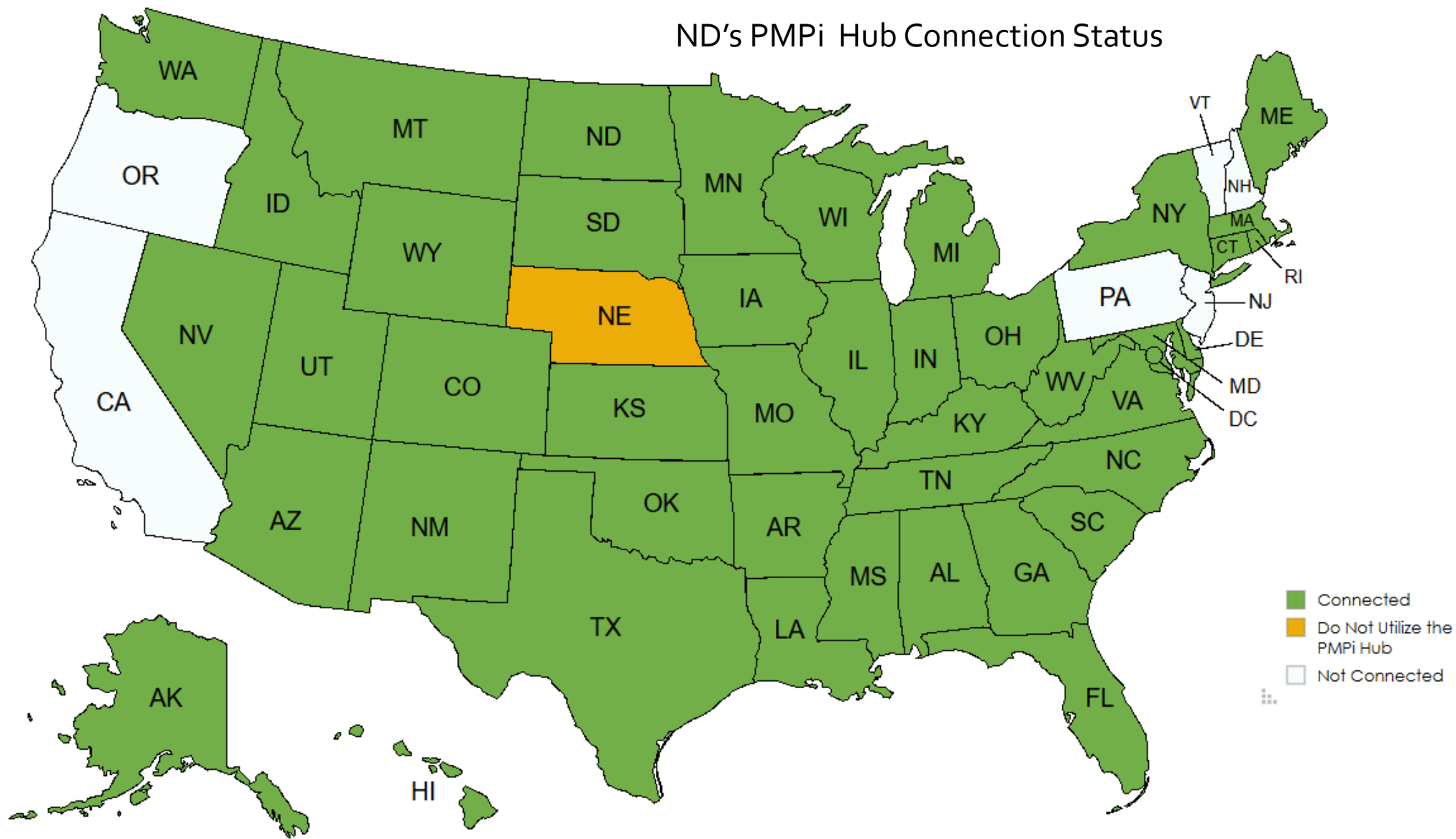
## PDMP Interstate Sharing Hub, PMP Interconnect

- 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

