Statistical Abstract California Workers’ Compensation Medical Billing Data

2017 to 2019

February 22, 2022

**Department of Industrial Relations**

**Division of Workers’ Compensation**

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# Introduction

The Workers’ Compensation System (WCIS) was mandated by statute in 1993. Its primary objective is to provide state policy makers with reliable, independent information regarding the performance of the California workers’ compensation system. California Labor Code §138.6 mandates the data to be collected via electronic data interchange (EDI) following the EDI standards developed by the International Association of Industrial Accident Boards and Commissions (IAIABC).

The WCIS has two components: the First Report of Injury (FROI) and the Subsequent Report of Injury (SROI) component collects indemnity payment data while the Medical Bill component collects information on medical services provided to injured workers and payments made for the services..

The WCIS has been electronically collecting medical bill data since September of 2006. Title 8 of the California Code of Regulations (CCR) section 9700 et seq. mandates all claims administrators or their agents to report, within 90 calendar days, every medical bill, with a date of service of September 22, 2006 and beyond, they either paid or denied. This section of the regulation also mandates claims administrators to report when there is a lump sum lien payment or settlement. Data collected includes both insured and self-insured employers data.

## Data source and Data limitations

The 2020 statistical abstract presents information on workers’ compensation medical bill data collected through WCIS from 2017 through 2019. Although 8 CCR § 9700 et seq. requires all claims administrators to report all paid, denied and settled medical bill information to WCIS, it is estimated that medical bill information is reported on only 70-75% of workers’ compensation claims. In addition, there is significant lag time between claim payment and reporting to WCIS. Regardless of these limitations, the WCIS data are believed to be representative of the medical bills in the state’s workers’ compensation system. The 2017 to 2019 data presented was queried as of July of 2021 and are believed to be fairly complete.

The WCIS validates incoming data using algorithms by crosschecking data fields. However, data reported is not verified with data senders. Data presented here is as reported to WCIS.

Section one of this abstract is this introduction. The second section of the report presents aggregated statistics on volume and characteristics of medical bills. It provides the type of bills, the geographic distribution of bills, and the place of service. The third section presents payment and volume of selected medical services. The 4th section provides information on drug utilization and payments. The last section presents the distribution of medical providers by specialty and their share of payment from the medical payment pie.

## Data Contact

Questions on this publication should be sent to: [WCIS@dir.ca.gov](mailto:WCIS@dir.ca.gov) with subject line: Medical Billing Statistical Abstract

# Bill Characteristics

The WCIS collects data on about 135 medical billing data elements. In this presentation only a selected few characteristics are shown. Based on the relevance of the information to the topic, some tables show data by date of service while others show data by date of injury.

## Distribution of Bill Types

Professional bills are charges for services rendered by physicians, DME suppliers, and other non-physician providers. With the adoption of the DWC medical billing regulations, professional bills can be billed either using paper billing CMS 1500 forms or its electronic equivalent. Institutional bills are bills that are generated for work performed by hospitals, skilled nursing facilities and other institutions for outpatient services. Institutional charges are billed on UB04 form or it can be billed electronically using the ANSI 837-I. Prescription bills are bills generated by pharmacy and are usually billed using the NCPDP form Telecommunication Standard version D.0 . Dental bills are billed using Dental Claim Form or the electronic equivalent of each paper form. Bills for drugs dispensed by physicians are billed as professional bills.

Regardless of the format the medical bill payment was made, all medical bill data reporting to WCIS is done electronically using the IAIABC medical bill data reporting standard Release 2.0. For details of data collection in WCIS, refer to California medical bill data collection implementation guide. [[1]](#footnote-2)

Table :: Distribution of Bills Lines by Bill Type and Year of Service

| Bill Type | 2017  N | 2017  % | 2018  N | 2018  % | 2019  N | 2019  % |
| --- | --- | --- | --- | --- | --- | --- |
| Dental | 47,594 | 0.2 | 53,269 | 0.2 | 64,427 | 0.2 |
| Lien | 54,512 | 0.2 | 50,531 | 0.2 | 38,783 | 0.1 |
| Institutional | 1,815,803 | 6.0 | 1,874,403 | 6.0 | 1,852,448 | 6.1 |
| Prescription | 1,862,264 | 6.1 | 1,456,021 | 4.7 | 1,270,218 | 4.2 |
| Professional | 26,632,973 | 87.6 | 27,771,746 | 89.0 | 27,209,025 | 89.4 |
| Total | 30,413,146 | 100 | 31,205,970 | 100 | 30,434,901 | 100 |

Table :: Distribution of Payment by Bill Type and Year of Service

| Bill Type | 2017  N | 2017  % | 2018  N | 2018  % | 2019  N | 2019  % |
| --- | --- | --- | --- | --- | --- | --- |
| Dental | $17,913,121 | 0.7 | $22,255,519 | 0.8 | $26,349,363 | 0.9 |
| Lien | $97,178,793 | 3.7 | $90,456,306 | 3.2 | $71,512,453 | 2.5 |
| Institutional | $710,083,329 | 27.0 | $784,092,547 | 27.8 | $784,915,194 | 27.6 |
| Prescription | $114,331,403 | 4.3 | $102,483,179 | 3.6 | $99,915,445 | 3.5 |
| Professional | $1,690,122,477 | 64.3 | $1,824,857,739 | 64.6 | $1,866,309,770 | 65.5 |
| Total | **$2,629,629,124** | **100** | **$2,824,145,291** | **100** | **$2,849,002,225** | **100** |

## Geographic Distribution of Bills

Figure :: Distribution of Services by County - 2017 Year of Service

Shows the range of bill count  for each of California's counties for year of service 2017.


Figure :2: Distribution of Services by County – 2018 Year of Service

Shows the range of bill count  for each of California's counties for year of service 2018.


Figure : Distribution of Services by County – 2019 Year of Service

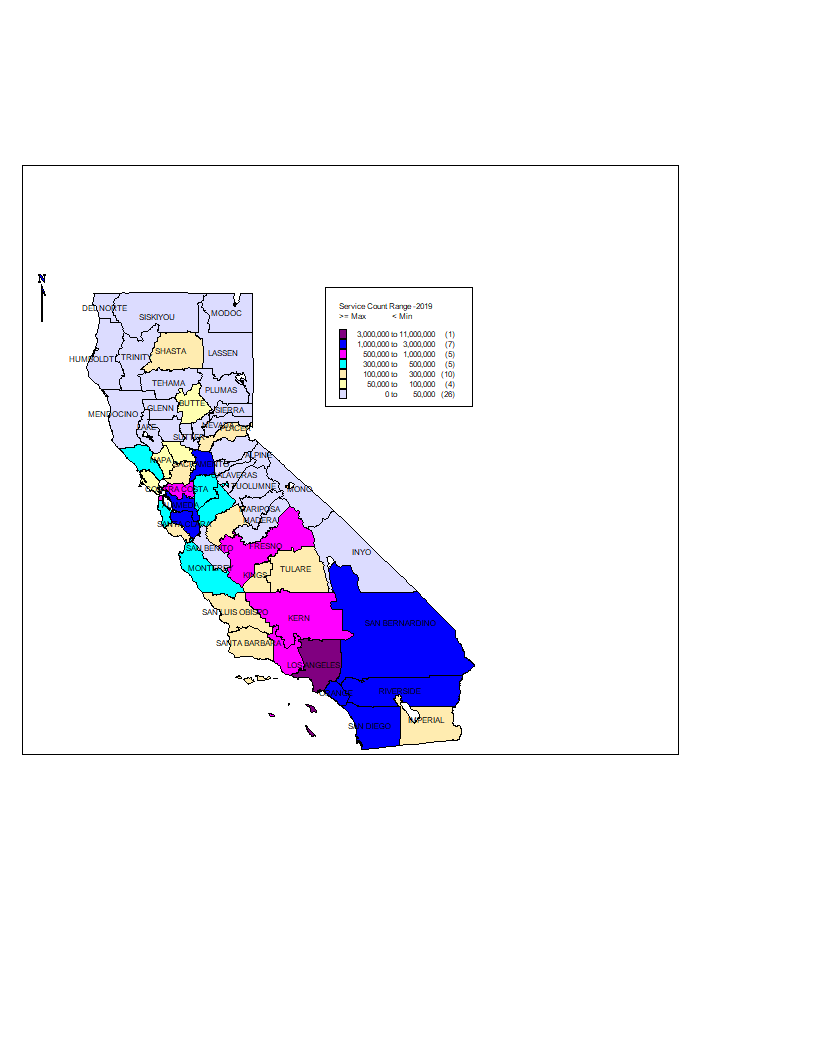


Table : Number of Medical Bills by Region, County and Year of Service

| Region | County | 2017 | 2018 | 2019 |
| --- | --- | --- | --- | --- |
| BAY AREA | ALAMEDA | 1,010,063 | 1,069,376 | 1,055,578 |
|  | CONTRA COSTA | 574,357 | 602,404 | 598,491 |
|  | MARIN | 85,866 | 93,820 | 94,291 |
|  | NAPA | 78,612 | 91,430 | 95,519 |
|  | SAN FRANCISCO | 559,180 | 571,339 | 577,208 |
|  | SAN MATEO | 385,330 | 405,848 | 401,604 |
|  | SANTA CLARA | 1,036,433 | 1,073,369 | 1,048,562 |
|  | SOLANO | 218,829 | 239,809 | 247,544 |
|  | SONOMA | 357,087 | 327,011 | 342,326 |
| BAY AREA Total |  | **4,305,757** | **4,474,406** | **4,461,123** |
|  |  | 15% | 16% | 16% |
| CENTRAL COAST | MONTEREY | 300,436 | 309,180 | 362,475 |
|  | SAN BENITO | 21,191 | 19,128 | 22,373 |
|  | SAN LUIS OBISPO | 126,667 | 125,620 | 133,309 |
|  | SANTA BARBARA | 273,519 | 274,395 | 271,468 |
|  | SANTA CRUZ | 151,959 | 173,475 | 177,002 |
|  | VENTURA | 509,544 | 509,442 | 539,460 |
| CENTRAL COAST Total |  | **1,383,316** | **1,411,240** | **1,506,087** |
|  |  | 5% | 5% | 5% |
| CENTRAL VALLEY | FRESNO | 631,490 | 658,612 | 715,271 |
|  | KERN | 533,087 | 517,922 | 514,115 |
|  | KINGS | 86,971 | 100,052 | 110,335 |
|  | MADERA | 47,202 | 44,770 | 43,364 |
|  | MERCED | 91,475 | 94,744 | 106,760 |
|  | SAN JOAQUIN | 357,208 | 384,903 | 401,936 |
|  | STANISLAUS | 279,105 | 301,957 | 304,099 |
|  | TULARE | 226,913 | 229,085 | 272,829 |
| CENTRAL VALLEY Total |  | **2,253,451** | **2,332,045** | **2,468,709** |
|  |  | 8% | 8% | 9% |
| EASTERN SIERRA FOOTHILLS | ALPINE | 19 | 1 | 15 |
|  | AMADOR | 7,686 | 5,406 | 7,336 |
|  | CALAVERAS | 5,240 | 6,789 | 7,249 |
|  | EL DORADO | 41,769 | 39,225 | 37,380 |
|  | INYO | 4,756 | 6,233 | 5,820 |
|  | MARIPOSA | 3,098 | 2,564 | 1,798 |
|  | MONO | 11,268 | 9,256 | 8,390 |
|  | NEVADA | 34,353 | 34,322 | 37,285 |
|  | PLACER | 232,469 | 239,198 | 248,201 |
|  | TUOLUMNE | 15,929 | 15,991 | 19,281 |
| EASTERN SIERRA FOOTHILLS Total |  | **356,587** | **358,985** | **372,755** |
|  |  | 1% | 1% | 1% |
| INLAND EMPIRE | IMPERIAL | 116,173 | 113,555 | 123,202 |
|  | ORANGE | 2,688,116 | 2,806,304 | 2,786,228 |
|  | RIVERSIDE | 1,139,132 | 1,203,661 | 1,252,693 |
|  | SAN BERNARDINO | 1,722,461 | 1,547,152 | 1,835,001 |
| INLAND EMPIRE Total |  | **5,665,882** | **5,670,672** | **5,997,124** |
|  |  | 20% | 20% | 21% |
| LOS ANGELES | LOS ANGELES | 10,820,421 | 10,981,626 | 10,068,534 |
| LOS ANGELES Total |  | **10,820,421** | **10,981,626** | **10,068,534** |
|  |  | 39% | 38% | 35% |
| NORTH STATE-SHASTA | DEL NORTE | 17,870 | 13,992 | 13,148 |
|  | HUMBOLDT | 41,824 | 39,473 | 41,239 |
|  | LAKE | 17,570 | 17,452 | 17,486 |
|  | LASSEN | 16,471 | 17,029 | 16,922 |
|  | MENDOCINO | 29,863 | 31,485 | 31,331 |
|  | MODOC | 1,605 | 1,171 | 1,446 |
|  | PLUMAS | 7,600 | 7,225 | 7,500 |
|  | SHASTA | 126,272 | 117,064 | 114,515 |
|  | SIERRA | 90 | 64 | 214 |
|  | SISKIYOU | 16,189 | 15,228 | 14,480 |
|  | TRINITY | 1,707 | 1,383 | 1,798 |
| NORTH STATE-SHASTA Total |  | **277,061** | **261,566** | **260,079** |
|  |  | 1% | 1% | 1% |
| SACRAMENTO VALLEY | SACRAMENTO | 728,939 | 866,201 | 1,148,217 |
|  | YOLO | 62,302 | 66,758 | 65,528 |
| SACRAMENTO VALLEY Total |  | **791,241** | **932,959** | **1,213,745** |
|  |  | 3% | 3% | 4% |
| SACRAMENTO VALLEY (N.) | BUTTE | 83,964 | 82,003 | 82,112 |
|  | COLUSA | 4,421 | 4,927 | 5,789 |
|  | GLENN | 7,949 | 7,750 | 7,998 |
|  | SUTTER | 36,394 | 34,925 | 37,053 |
|  | TEHAMA | 23,110 | 25,626 | 26,848 |
|  | YUBA | 14,611 | 13,266 | 10,380 |
| SACRAMENTO VALLEY (N.) Total |  | **170,449** | **168,497** | **170,180** |
|  |  | 1% | 1% | 1% |
| SAN DIEGO | SAN DIEGO | 2,003,959 | 2,117,982 | 2,079,357 |
| SAN DIEGO Total |  | **2,003,959** | **2,117,982** | **2,079,357** |
|  |  | 7% | 7% | 7% |
|  |  |  |  |  |
| Grand Total |  | **28,028,124** | **28,709,978** | **28,597,693** |

Table : Number of Bills by Region, County and Year of Injury

| REGION | COUNTY | 2017 | 2018 | 2019 |
| --- | --- | --- | --- | --- |
| BAY AREA | ALAMEDA | 832,363 | 833,374 | 712,571 |
|  | CONTRA COSTA | 441,095 | 437,337 | 378,249 |
|  | MARIN | 71,095 | 78,742 | 72,372 |
|  | NAPA | 69,289 | 80,272 | 69,161 |
|  | SAN FRANCISCO | 445,439 | 451,137 | 389,802 |
|  | SAN MATEO | 325,985 | 330,572 | 267,372 |
|  | SANTA CLARA | 874,006 | 880,063 | 703,936 |
|  | SOLANO | 192,503 | 203,507 | 175,927 |
|  | SONOMA | 250,676 | 261,879 | 238,213 |
| BAY AREA Total |  | 3,502,451 | 3,556,883 | 3,007,603 |
|  |  | *15.0%* | *15.4%* | *14.9%* |
| CENTRAL COAST | MONTEREY | 262,758 | 274,460 | 253,897 |
|  | SAN BENITO | 16,367 | 17,544 | 15,593 |
|  | SAN LUIS OBISPO | 89,544 | 93,947 | 87,997 |
|  | SANTA BARBARA | 217,865 | 208,905 | 187,223 |
|  | SANTA CRUZ | 123,137 | 137,999 | 114,003 |
|  | VENTURA | 425,843 | 430,505 | 416,802 |
| CENTRAL COAST Total |  | 1,135,514 | 1,163,360 | 1,075,515 |
|  |  | *4.9%* | *5.0%* | *5.3%* |
| CENTRAL VALLEY | FRESNO | 506,816 | 520,489 | 470,452 |
|  | KERN | 413,479 | 435,236 | 370,151 |
|  | KINGS | 85,029 | 84,860 | 73,416 |
|  | MADERA | 41,917 | 40,392 | 37,263 |
|  | MERCED | 84,861 | 83,119 | 78,301 |
|  | SAN JOAQUIN | 330,240 | 340,808 | 301,267 |
|  | STANISLAUS | 239,932 | 243,237 | 218,406 |
|  | TULARE | 188,853 | 216,448 | 200,439 |
| CENTRAL VALLEY Total |  | 1,891,127 | 1,964,589 | 1,749,695 |
|  |  | *8.1%* | *8.5%* | *8.6%* |
| EASTERN SIERRA FOOTHILLS | ALPINE | 19 | 1 | 14 |
|  | AMADOR | 4,348 | 4,150 | 4,051 |
|  | CALAVERAS | 3,683 | 5,159 | 4,681 |
|  | EL DORADO | 28,520 | 29,482 | 23,816 |
|  | INYO | 4,087 | 5,425 | 4,479 |
|  | MARIPOSA | 2,656 | 1,932 | 1,594 |
|  | MONO | 11,445 | 6,420 | 7,491 |
|  | NEVADA | 30,293 | 30,512 | 29,890 |
|  | PLACER | 172,146 | 181,005 | 174,132 |
|  | TUOLUMNE | 15,228 | 14,206 | 13,258 |
| EASTERN SIERRA FOOTHILLS  Total |  | 272,425 | 278,292 | 263,406 |
|  |  | *1.2%* | *1.25%* | *1.3%* |
| INLAND EMPIRE | IMPERIAL | 100,683 | 91,530 | 83,811 |
|  | ORANGE | 2,235,837 | 2,210,962 | 1,912,815 |
|  | RIVERSIDE | 983,021 | 1,003,251 | 903,135 |
|  | SAN BERNARDINO | 1,323,220 | 1,360,807 | 1,525,898 |
| INLAND EMPIRE Total |  | 4,642,761 | 4,666,550 | 4,425,659 |
|  |  | *19.9%* | *20.2%* | *21.9%* |
| LOS ANGELES | LOS ANGELES | 9,112,597 | 8,567,495 | 7,099,838 |
| LOS ANGELES Total |  | 9,112,597 | 8,567,495 | 7,099,838 |
|  |  | *39.0%* | *37.2%* | *35.1%* |
| NORTH STATE-SHASTA | DEL NORTE | 11,541 | 7,094 | 8,640 |
|  | HUMBOLDT | 32,491 | 33,775 | 34,528 |
|  | LAKE | 16,202 | 13,639 | 9,363 |
|  | LASSEN | 9,056 | 9,355 | 8,052 |
|  | MENDOCINO | 26,716 | 22,891 | 24,478 |
|  | MODOC | 1,117 | 892 | 687 |
|  | PLUMAS | 6,282 | 5,366 | 5,212 |
|  | SHASTA | 92,678 | 79,236 | 77,636 |
|  | SIERRA | 45 | 32 | 101 |
|  | SISKIYOU | 12,761 | 10,006 | 9,214 |
|  | TRINITY | 1,685 | 1,226 | 1,364 |
| NORTH STATE-SHASTA Total |  | 210,574 | 183,512 | 179,275 |
|  |  | *0.9%* | *0.8%* | *0.9%* |
| SACRAMENTO VALLEY | SACRAMENTO | 659,180 | 778,546 | 776,802 |
|  | YOLO | 54,842 | 60,378 | 53,901 |
| SACRAMENTO VALLEY Total |  | 714,022 | 838,924 | 830,703 |
|  |  | *3.1%* | *3.6%* | *4.1%* |
| SACRAMENTO VALLEY (N.) | BUTTE | 69,706 | 62,731 | 63,637 |
|  | COLUSA | 3,941 | 4,537 | 4,487 |
|  | GLENN | 7,162 | 6,145 | 5,794 |
|  | SUTTER | 30,008 | 25,963 | 27,722 |
|  | TEHAMA | 20,409 | 20,407 | 17,548 |
|  | YUBA | 11,775 | 11,251 | 8,422 |
| SACRAMENTO VALLEY (N.) Total |  | 143,001 | 131,034 | 127,610 |
|  |  | *0.6%* | *0.6%* | *0.6%* |
| SAN DIEGO | SAN DIEGO | 1,720,010 | 1,697,947 | 1,490,952 |
| SAN DIEGO Total |  | 1,720,010 | 1,697,947 | 1,490,952 |
|  |  | *7.4%* | *7.4%* | *7.4%* |
|  |  |  |  |  |
| Grand Total |  | 23,344,482 | 23,048,586 | 20,250,256 |

## Place of Service

Place of Service (DN 0555) reported on all bill types, except Lien bills and Institutional bills, shows the setting in which a service was provided. On Institutional bills, Facility Code (DN 0504 ) are reported to show the type of facilty the service was rendered at.

Table : Distribution of Medical Services by Place of Service and Year of Service

| Code | 2017  N | 2017  % | 2018  N | 2018  % | 2019  N | 2019  % |
| --- | --- | --- | --- | --- | --- | --- |
| Office | 23,504,858 | 82.3 | 24,677,537 | 84.3 | 24,199,880 | 84.8 |
| Pharmacy | 1,713,289 | 6.0 | 1,326,028 | 4.5 | 1,096,257 | 3.8 |
| Independent Laboratory | 669,097 | 2.3 | 439,630 | 1.5 | 359,276 | 1.3 |
| Home | 569,856 | 2.0 | 587,665 | 2.0 | 602,378 | 2.1 |
| Urgent Care Facility | 489,296 | 1.7 | 642,606 | 2.2 | 692,407 | 2.4 |
| Ambulatory Surgical Center | 264,656 | 0.9 | 246,374 | 0.8 | 233,246 | 0.8 |
| On Campus Outpatient Hospital | 253,255 | 0.9 | 251,170 | 0.9 | 252,435 | 0.9 |
| Inpatient Hospital | 218,808 | 0.8 | 229,191 | 0.8 | 209,950 | 0.7 |
| Emergency Room Hospital | 190,068 | 0.7 | 209,841 | 0.7 | 217,408 | 0.8 |
| Other Place of Service | 578,254 | 2.0 | 550,291 | 1.9 | 544,215 | 1.9 |
| Telehealth | 1,051 | 0.0 | 8,607 | 0.0 | 25,952 | 0.1 |
| All Others | 90,343 | 0.3 | 112,096 | 0.4 | 110,266 | 0.4 |
| Total | **28,542,831** | **100** | **29,281,036** | **100** | **28,543,670** | **100** |

**Note** :(“Other Place of Service” is a CMS category which is used when the place of service does not exist in the CMS list). “All others” Includes all places of services in the CMS list but not separately shown in Table 2.5).

Table : Distribution of Institutional Bills (UB04 Bill Type) by Facility Code and Year of Service

| Facility Type | 2017  N | 2017  % | 2018  N | 2018  % | 2019  N | 2019  % |
| --- | --- | --- | --- | --- | --- | --- |
| Inpatient | 256,316 | 14.3 | 270,345 | 14.4 | 260,121 | 14.0 |
| Hospital Outpatient | 1,251,585 | 69.7 | 1,323,424 | 70.6 | 1,324,495 | 71.5 |
| Outpatient Ambulatory Surgery Center | 189,799 | 10.6 | 175,979 | 9.4 | 164,952 | 8.9 |
| Outpatient Other | 87,492 | 4.9 | 95,727 | 5.1 | 97,473 | 5.3 |
| Unknown | 10,268 | 0.6 | 8,928 | 0.5 | 5,407 | 0.3 |
| Total | **1,795,460** | **100** | **1,874,403** | **100** | **1,852,448** | **100** |

# Payment and Utilization

WCIS collects the amount paid for each service (DN 0574). Claims are counted by using (DN 0005) Jurisdiction Claim Number. Refer to Appendix 1 for CPT codes used for service identification. California has state specific codes (ML set of codes) for billing medical legal expenses

## Payments per Claim

Table : Average Medical Payment per Claim by Year of Injury (YOI) All Claims

| YOI | Claims | Total Paid | Average per claim |
| --- | --- | --- | --- |
| 2017 | 475,933 | $1,787,457,973 | $3,756 |
| 2018 | 511,203 | $1,752,073,436 | $3,427 |
| 2019 | 519,318 | $1,472,501,570 | $2,835 |

Table : Average Medical Payment per Claim by Year of Injury - 1 year Claims \*

| YOI | Claims | Total Paid | Average per claim |
| --- | --- | --- | --- |
| 2017 | 124,759 | $522,125,091 | $4,185 |
| 2018 | 130,310 | $553,509,553 | $4,248 |
| 2019 | 136,464 | $542,129,297 | $3,973 |

Note: \* = Average of 12 month of maturity (date of service minus date of injury)

Table : Average Medical Payment per Claim by Year of Service (YOS) All Claims

| YOS | Claims | Total Paid | Average per claim |
| --- | --- | --- | --- |
| 2017 | 809,903 | $2,284,666,155 | $2,821 |
| 2018 | 858,320 | $2,448,063,172 | $2,852 |
| 2019 | 874,458 | $2,492,658,317 | $2,851 |

Table : Average Medical Payment per Claim by Year of Service 1 Year Claims \*

| YOS | Claims | Total Paid | Average per claim |
| --- | --- | --- | --- |
| 2017 | 174,009 | $484,256,060 | $2,783 |
| 2018 | 183,887 | $524,954,579 | $2,855 |
| 2019 | 190,824 | $553,789,420 | $2,902 |

Note: \* = Average of 12 month of maturity (date of service minus date of injury)

Table : Average Medical Paid per Claim by Service Type and Year of Service

| Service | 2017 | 2018 | 2019 |
| --- | --- | --- | --- |
| Evaluation and Management-Emergency | $433 | $458 | $478 |
| Evaluation and Management office/outpatient | $588 | $603 | $592 |
| Evaluation and Management All | $652 | $675 | $667 |
| Major Radiology | $471 | $477 | $473 |
| Minor Radiology | $91 | $92 | $90 |
| Major Surgery | $3,855 | $3,857 | $3,917 |
| Minor Surgery | $1,577 | $1,363 | $1,221 |
| Medical Legal | $1,709 | $1,646 | $1,810 |
| Neurological/ Neuromuscular Testing | $85 | $89 | $85 |
| Physical Medicine | $792 | $832 | $855 |
| All Services | **$2,821** | **$2,852** | **$2,851** |

Note: See Appendix A for CPT codes used for each service.

Table : Average Medical Paid per Claim by Service Type and Year of Service – 1 Year Claims\*

| Service | 2017 | 2018 | 2019 |
| --- | --- | --- | --- |
| Evaluation and Management-Emergency | $469 | $506 | $522 |
| Evaluation and Management office/outpatient | $495 | $510 | $522 |
| Evaluation and Management All | $538 | $559 | $569 |
| Major Radiology | $485 | $486 | $485 |
| Minor Radiology | $95 | $94 | $93 |
| Major Surgery | $3,909 | $3,903 | $3,937 |
| Minor Surgery | $1,728 | $1,866 | $1,824 |
|  | $1,409 | $1,521 | $1,609 |
| Neurological/ Neuromuscular Testing | $97 | $104 | $91 |
| Physical Medicine | $809 | $846 | $865 |
| All Services | **$2,783** | **$2,855** | **$2,902** |

Note: \* = Average of 12 month of maturity (date of service minus date of injury)

Table : Average Paid Per Claim by Type of Service and Date of Injury

| Service | 2017 | 2018 | 2019 |
| --- | --- | --- | --- |
| Evaluation and Management-Emergency | $440 | $459 | $475 |
| Evaluation and Management office/outpatient | $832 | $788 | $688 |
| Evaluation and Management All | $909 | $871 | $767 |
| Major Radiology | $580 | $559 | $515 |
| Minor Radiology | $105 | $101 | $93 |
| Major Surgery | $4,283 | $4,064 | $3,778 |
| Minor Surgery | $1,160 | $848 | $657 |
| Medical Legal | $2,087 | $2,041 | $1,951 |
| Neurological/ Neuromuscular Testing | $90 | $80 | $69 |
| Physical Medicine | $1,148 | $1,081 | $967 |
| All Services | $3,756 | $3,427 | $2,835 |

Table : Average Medical Payment per Service by Service Type and Year of Service

| Service | 2017 | 2018 | 2019 |
| --- | --- | --- | --- |
| Evaluation and Management Emergency | $245 | $257 | $270 |
| Evaluation and Management Office/out patient | $119 | $121 | $120 |
| Evaluation and Management All | $126 | $128 | $128 |
| Major Radiology | $298 | 298 | $294 |
| Minor Radiology | $46 | $46 | $47 |
| Major Surgery | $1,423 | $1,483 | $1,534 |
| Minor Surgery | $750 | $690 | $644 |
| Medical Legal | $1,245 | $1214 | $1,291 |
| Neurological/ Neuromuscular Testing | $52 | $54 | $52 |
| Physical Medicine | $42 | $45 | $50 |
| All Services | **$110** | **$111** | **$115** |

Table : Average Medical Service per Visit by Service Type and Year of Service

| Service | 2017 | 2018 | 2019 |
| --- | --- | --- | --- |
| Evaluation and Management Emergency | 1.7 | 1.7 | 1.7 |
| Evaluation and Management Office/outpatient | 1.1 | 1.1 | 1.1 |
| Evaluation and Management All | 1.2 | 1.2 | 1.2 |
| Major Radiology | 1.4 | 1.5 | 1.4 |
| Minor Radiology | 1.6 | 1.6 | 1.5 |
| Major Surgery | 3.1 | 3.1 | 3.0 |
| Minor Surgery | 1.7 | 1.6 | 1.6 |
| Medical Legal | 1.1 | 1.1 | 1.1 |
| Neurological/ Neuromuscular Testing | 2.1 | 2.2 | 2.0 |
| Physical Medicine | 2.5 | 2.5 | 2.3 |
| All Services | **3.5** | **3.4** | **3.3** |

Table : Average Medical Service per Claim by Service Type and Year of Service

| Service | 2017 | 2018 | 2019 |
| --- | --- | --- | --- |
| Evaluation and Management Emergency | 1.9 | 1.9 | 1.9 |
| Evaluation and Management/Office/Out patient | 5.4 | 5.4 | 5.3 |
| Evaluation and Management All | 5.8 | 6.0 | 5.8 |
| Major Radiology | 1.8 | 1.8 | 1.8 |
| Minor Radiology | 2.2 | 2.2 | 2.2 |
| Major Surgery | 3.2 | 3.3 | 3.3 |
| Minor Surgery | 2.4 | 2.3 | 2.2 |
| Medical Legal | 1.4 | 1.4 | 1.5 |
| Neurological/ Neuromuscular Testing | 4.9 | 4.8 | 4.6 |
| Physical Medicine | 23.2 | 22.5 | 20.4 |
| All Services | **35** | **34.5** | **33.1** |

## Payment by Injury Description

The type of injury or illness a worker sustained is reported using three data elements (Part of Body, Cause of Injury, and Nature of Injury) in the FROI/SROI system of WCIS. This information is collected and organized using the Workers’ Compensation Insurance Organizations’ (WCIO) Injury Description Tables which can be found at [Injury Description Table - Part/Nature/Cause](https://www.wcio.org/Document%20Library/InjuryDescriptionTablePage.aspx).

Table : Average Paid per Claim by Cause of Injury and Date of Injury

| Cause of Injury | 2017  No. of Claims | 2017  Average Paid | 2018  No. of Claims | 2018  Average Paid | 2019  No. of Claims | 2019  Average Paid |
| --- | --- | --- | --- | --- | --- | --- |
| Abnormal Air Pressure | 94 | $1,915 | 94 | $4,530 | 77 | $1,625 |
| Absorption, Ingestion or Inhalation, NOC. Not otherwise classified in any other code. Applies only to non-impact cases in which the injury resulted from inhalation, absorption (skin contact), ingestion of harmful substances, or vaccinations. | 5,567 | $1,367 | 6,120 | $1,312 | 6,385 | $1,019 |
| Animal or Insect | 8,065 | $1,292 | 8,951 | $1,059 | 9,374 | $886 |
| Broken Glass | 2,313 | $1,223 | 2,525 | $1,168 | 2,507 | $1,149 |
| Caught in, Under or Between, NOC | 6,598 | $3,284 | 7,114 | $2,988 | 7,252 | $2,588 |
| Chemicals | 2,397 | $1,340 | 2,538 | $1,323 | 2,610 | $1,452 |
| Cold Objects or Substances | 214 | $1,183 | 177 | $798 | 198 | $1,185 |
| Collapsing Materials (Slides of Earth) | 180 | $5,331 | 204 | $5,442 | 222 | $5,918 |
| Collision or Sideswipe with Another Vehicle | 6,535 | $5,519 | 6,709 | $6,104 | 7,162 | $4,307 |
| Collision with a Fixed Object | 566 | $6,149 | 664 | $5,852 | 703 | $5,146 |
| Contact With, NOC | 3,416 | $2,170 | 3,954 | $1,840 | 4,248 | $1,501 |
| Continual Noise | 352 | $2,503 | 345 | $2,654 | 410 | $2,487 |
| Crash of Airplane | 6 | $16,168 | 10 | $13,296 | 18 | $27,644 |
| Crash of Rail Vehicle | 20 | $57,856 | 21 | $8,410 | 18 | $7,590 |
| Crash of Water Vehicle | 9 | $3,236 | 16 | $5,230 | 21 | $5,877 |
| Cumulative, NOC | 20,115 | $5,637 | 20,305 | $4,850 | 19,549 | $3,671 |
| Cut, Puncture, Scrape | 18,031 | $1,100 | 19,700 | $1,067 | 20,209 | $1,024 |
| Dust, Gases, Fumes or Vapors | 1,108 | $1,526 | 1,057 | $1,084 | 1,024 | $858 |
| Electrical Current | 566 | $6,713 | 552 | $8,639 | 520 | $5,425 |
| Explosion or Flare Back | 104 | $16,291 | 127 | $13,934 | 134 | $3,209 |
| Fall, Slip, Trip, NOC | 25,245 | $5,026 | 27,688 | $4,802 | 28,849 | $3,985 |
| Falling or Flying Object | 15,328 | $3,108 | 17,077 | $3,075 | 17,076 | $2,567 |
| Fellow Worker, Patient or Other Person | 8,966 | $3,545 | 10,814 | $3,170 | 11,214 | $2,763 |
| Fire or Flame | 424 | $4,621 | 389 | $6,473 | 357 | $6,739 |
| Foreign Matter (Body) in Eye(s) | 7,770 | $602 | 8,472 | $600 | 8,542 | $592 |
| From Different Level (Elevation) | 7,853 | $9,070 | 8,181 | $8,139 | 8,394 | $6,922 |
| From Ladder or Scaffolding | 4,888 | $11,087 | 5,265 | $9,977 | 5,393 | $8,510 |
| From Liquid or Grease Spills | 5,932 | $4,890 | 6,740 | $4,187 | 7,008 | $3,505 |
| Gunshot | 15 | $15,809 | 30 | $50,385 | 17 | $16,185 |
| Hand Tool or Machine in Use | 2,726 | $3,263 | 2,999 | $2,726 | 2,916 | $2,429 |
| Hand Tool, Utensil (Not Powered) | 10,948 | $998 | 12,017 | $988 | 11,507 | $905 |
| Holding or Carrying | 7,511 | $4,177 | 7,983 | $3,722 | 8,550 | $3,093 |
| Hot Objects or Substances | 2,610 | $1,237 | 2,963 | $1,287 | 2,797 | $1,482 |
| Into Openings | 1,296 | $5,521 | 1,526 | $5,476 | 1,518 | $4,896 |
| Jumping | 979 | $5,009 | 1,076 | $4,281 | 1,158 | $4,461 |
| Lifting | 45,237 | $3,894 | 47,498 | $3,629 | 47,044 | $3,057 |
| Machine or Machinery | 2,768 | $6,258 | 2,885 | $5,340 | 2,904 | $5,232 |
| Mold | 91 | $1,567 | 57 | $2,052 | 60 | $1,170 |
| Motor Vehicle | 2,437 | $7,542 | 2,586 | $8,244 | 2,602 | $6,467 |
| Motor Vehicle, NOC | 4,138 | $6,890 | 4,227 | $7,192 | 4,283 | $5,283 |
| Moving Part of Machine | 427 | $2,904 | 496 | $3,831 | 485 | $3,047 |
| Moving Parts of Machine | 978 | $4,601 | 1,182 | $4,610 | 1,180 | $3,965 |
| Natural Disasters | 15 | $2,966 | 18 | $3,008 | 29 | $5,564 |
| Object Being Lifted or Handled | 23,301 | $2,161 | 26,019 | $2,055 | 25,924 | $1,872 |
| Object Handled | 4,769 | $2,287 | 5,416 | $2,142 | 5,909 | $2,168 |
| Object Handled by Others | 2,387 | $3,127 | 2,739 | $3,214 | 2,789 | $2,377 |
| On Ice or Snow | 852 | $5,351 | 823 | $5,123 | 1,074 | $4,365 |
| On Same Level | 20,713 | $4,914 | 21,879 | $4,664 | 23,368 | $3,883 |
| On Stairs | 5,033 | $4,639 | 5,438 | $4,279 | 5,647 | $3,634 |
| Other Miscellaneous, NOC | 32,196 | $3,557 | 32,382 | $2,951 | 32,645 | $2,576 |
| Other Than Physical Cause of Injury | 5,216 | $3,132 | 6,278 | $3,012 | 6,239 | $2,509 |
| Pandemic | 1 | $22,586 |  |  | 4 | $592 |
| Person in Act of a Crime | 2,804 | $5,044 | 3,379 | $4,702 | 3,317 | $3,695 |
| Powered Hand Tool, Appliance | 3,224 | $2,945 | 3,678 | $3,149 | 3,709 | $2,775 |
| Pushing or Pulling | 18,086 | $4,197 | 19,127 | $3,960 | 18,826 | $3,312 |
| Radiation | 64 | $3,852 | 46 | $3,422 | 37 | $1,640 |
| Reaching | 5,284 | $3,788 | 5,424 | $3,598 | 5,873 | $3,058 |
| Repetitive Motion | 27,391 | $4,746 | 29,008 | $4,304 | 28,651 | $3,443 |
| Rubbed or Abraded, NOC | 598 | $1,537 | 557 | $1,597 | 474 | $1,493 |
| Sanding, Scraping, Cleaning Operation | 118 | $2,216 | 147 | $2,175 | 134 | $2,312 |
| Slip, or Trip, Did Not Fall | 4,244 | $4,439 | 4,411 | $3,867 | 4,191 | $3,230 |
| Stationary Object | 9,349 | $2,408 | 10,281 | $2,404 | 10,224 | $2,055 |
| Steam or Hot Fluids | 1,927 | $1,852 | 2,237 | $1,656 | 2,195 | $1,705 |
| Stepping on Sharp Object | 1,902 | $1,594 | 1,991 | $1,755 | 1,882 | $1,385 |
| Strain or Injury by, NOC | 35,298 | $4,036 | 38,891 | $3,638 | 40,661 | $3,051 |
| Striking Against or Stepping on, NOC | 4,295 | $2,856 | 4,542 | $2,535 | 4,577 | $2,421 |
| Struck or Injured, NOC | 13,874 | $2,837 | 14,153 | $2,558 | 15,557 | $2,192 |
| Temperature Extremes | 750 | $1,847 | 631 | $2,230 | 730 | $1,631 |
| Terrorism | 17 | $9,039 | 14 | $11,206 | 17 | $4,509 |
| Twisting | 10,354 | $3,873 | 11,328 | $3,716 | 11,531 | $3,033 |
| Using Tool or Machinery | 3,423 | $4,846 | 3,899 | $3,891 | 3,738 | $3,167 |
| Vehicle Upset | 364 | $10,608 | 395 | $11,856 | 431 | $11,480 |
| Welding Operations | 106 | $1,291 | 131 | $4,492 | 103 | $1,066 |

Table : Average Paid per Claim by Nature of Injury and Date of Injury

| Nature of Injury | 2017  No. of Claims | 2017  Average Paid Per Claim | 2018  No. of Claims | 2018  Average Paid Per Claim | 2019  No. of Claims | 2019  Average Paid Per Claim |
| --- | --- | --- | --- | --- | --- | --- |
| AIDS | 76 | $1,029 | 83 | $1,183 | 39 | $1,590 |
| Adverse reaction to a vaccination or inoculation |  |  |  |  | 2 | $848 |
| All Other Cumulative Injuries | 19,307 | $5,090 | 18,130 | $4,641 | 17,313 | $3,565 |
| All Other Occupational Disease Injury, NOC | 2,035 | $3,776 | 2,584 | $3,251 | 3,593 | $2,139 |
| All Other Specific Injuries, NOC | 39,814 | $4,295 | 44,380 | $3,959 | 45,278 | $3,096 |
| Amputation | 545 | $19,681 | 587 | $22,431 | 635 | $17,280 |
| Angina Pectoris | 104 | $3,639 | 107 | $4,107 | 129 | $2,553 |
| Asbestosis | 97 | $2,709 | 126 | $1,599 | 113 | $6,268 |
| Asphyxiation | 56 | $3,073 | 75 | $3,469 | 50 | $1,983 |
| Black Lung | 5 | $5,650 | 7 | $4,349 | 5 | $939 |
| Burn | 7,357 | $2,293 | 8,191 | $2,244 | 8,066 | $2,274 |
| Byssinosis | 4 | $9,351 | 2 | $5,463 | 4 | $592 |
| Cancer | 314 | $27,116 | 352 | $17,828 | 345 | $10,994 |
| Carpal Tunnel Syndrome | 2,893 | $6,664 | 3,099 | $6,041 | 2,823 | $4,766 |
| Concussion | 2,222 | $7,944 | 2,658 | $7,003 | 2,857 | $5,643 |
| Contagious Diseases | 1,555 | $716 | 1,334 | $805 | 1,541 | $613 |
| Contusion | 55,670 | $2,641 | 63,091 | $2,420 | 67,101 | $2,158 |
| Crushing | 4,830 | $3,933 | 5,585 | $3,840 | 5,621 | $3,449 |
| Dermatitis | 2,898 | $651 | 3,289 | $575 | 3,181 | $508 |
| Dislocation | 2,913 | $15,267 | 2,886 | $13,041 | 2,651 | $10,044 |
| Dust Disease, NOC (All other Pneumoconiosis) | 137 | $2,829 | 160 | $1,536 | 120 | $966 |
| Electric Shock | 492 | $4,423 | 530 | $5,688 | 517 | $3,939 |
| Enucleation | 9 | $2,526 | 15 | $4,156 | 15 | $2,199 |
| Foreign Body | 9,184 | $640 | 9,425 | $655 | 9,118 | $655 |
| Fracture | 13,111 | $11,518 | 14,259 | $11,465 | 14,400 | $10,436 |
| Freezing | 70 | $2,356 | 40 | $5,050 | 50 | $2,073 |
| Hearing Loss or Impairment | 399 | $3,143 | 403 | $2,694 | 431 | $2,345 |
| Heat Prostration | 822 | $1,524 | 704 | $1,801 | 713 | $1,336 |
| Hepatitis C | 14 | $1,039 | 8 | $739 | 9 | $2,698 |
| Hernia | 2,698 | $7,219 | 2,719 | $6,808 | 2,718 | $5,985 |
| Infection | 1,924 | $1,887 | 1,940 | $2,275 | 1,984 | $1,923 |
| Inflammation | 12,768 | $4,018 | 14,179 | $3,467 | 17,985 | $2,714 |
| Laceration | 47,084 | $1,436 | 50,532 | $1,438 | 49,438 | $1,336 |
| Loss of Hearing | 322 | $3,443 | 323 | $3,412 | 302 | $2,723 |
| Mental Disorder | 1,062 | $5,496 | 1,073 | $4,372 | 985 | $3,589 |
| Mental Stress | 5,034 | $4,806 | 5,851 | $4,345 | 6,043 | $3,677 |
| Multiple Injuries Including Both Physical and Psychological | 1,589 | $6,628 | 1,478 | $7,166 | 1,611 | $4,935 |
| Multiple Physical Injuries Only | 15,370 | $5,550 | 14,976 | $5,492 | 15,913 | $4,215 |
| Myocardial Infarction (Heart Attack) | 2,163 | $3,970 | 1,876 | $4,016 | 1,770 | $3,377 |
| No Physical Injury | 4,702 | $2,113 | 5,899 | $1,507 | 5,938 | $1,240 |
| Poisoning-Chemical (Other than Metals) | 282 | $2,319 | 373 | $1,261 | 347 | $974 |
| Poisoning-General (Not OD or Cumulative Injury) | 370 | $1,248 | 397 | $795 | 377 | $924 |
| Poisoning-Metal | 21 | $306 | 23 | $1,971 | 50 | $843 |
| Puncture | 18,400 | $905 | 20,715 | $909 | 20,774 | $867 |
| Radiation | 19 | $17,981 | 16 | $9,330 | 28 | $1,680 |
| Respiratory Disorders (Gases, Fumes, Chemicals, etc.) | 1,639 | $1,966 | 1,423 | $1,784 | 1,530 | $1,305 |
| Rupture | 564 | $12,745 | 681 | $11,319 | 714 | $10,367 |
| Severance | 242 | $9,099 | 203 | $5,944 | 206 | $7,947 |
| Silicosis | 13 | $2,766 | 8 | $6,050 | 12 | $1,185 |
| Sprain or Tear | 47,007 | $4,155 | 49,213 | $3,778 | 49,179 | $3,157 |
| Strain or Tear | 142,954 | $3,995 | 152,235 | $3,654 | 151,775 | $3,084 |
| Syncope | 752 | $4,254 | 844 | $3,537 | 921 | $2,233 |
| VDT-Related Diseases | 58 | $4,872 | 113 | $6,084 | 86 | $3,485 |
| Vascular | 244 | $10,601 | 334 | $7,318 | 308 | $6,280 |

Table : Average Paid per Claim by Part of Body Injured and Date of Injury

| Part of Body | 2017  No. of Claims | 2017  Average Paid | 2018  No. of Claims | 2018 Average Paid | 2019 No. of Claims | 2019 Average Paid |
| --- | --- | --- | --- | --- | --- | --- |
| Abdomen incl. Groin (excl. Internal Organs) | 6,838 | $3,942 | 7,116 | $3,774 | 7,465 | $3,466 |
| Ankle | 17,408 | $3,519 | 19,267 | $3,318 | 20,332 | $2,902 |
| Artificial Appliance | 12 | $2,303 | 22 | $4,247 | 13 | $29,391 |
| Body Systems and Multiple Body Systems | 6,325 | $4,100 | 6,445 | $3,709 | 6,887 | $2,708 |
| Brain | 1,583 | $13,076 | 1,897 | $10,952 | 2,184 | $8,904 |
| Buttocks | 767 | $3,524 | 859 | $2,742 | 941 | $2,384 |
| Chest (incl. Ribs, Sternum and Soft Tissue) | 5,891 | $2,718 | 6,592 | $2,625 | 6,649 | $2,462 |
| Disc (Cervical) | 1,109 | $9,946 | 1,145 | $7,642 | 1,095 | $5,583 |
| Disc (excl. Cervical) | 1,403 | $5,960 | 1,794 | $4,871 | 1,831 | $3,390 |
| Ear(s) | 1,765 | $2,336 | 1,871 | $2,046 | 1,931 | $1,679 |
| Elbow | 9,369 | $3,886 | 9,808 | $3,675 | 9,959 | $3,141 |
| Eye(s) | 15,720 | $814 | 16,997 | $774 | 16,927 | $735 |
| Facial Bones (Jaw) | 1,898 | $3,583 | 1,860 | $3,739 | 1,974 | $2,722 |
| Finger(s) | 39,907 | $1,610 | 43,814 | $1,617 | 43,485 | $1,497 |
| Foot | 15,194 | $2,674 | 16,786 | $2,635 | 17,170 | $2,177 |
| Great Toe | 1,585 | $1,269 | 1,662 | $1,504 | 1,901 | $1,300 |
| Hand (excl. Wrist and Fingers) | 29,224 | $2,203 | 31,653 | $2,146 | 31,792 | $1,837 |
| Heart | 1,037 | $8,448 | 1,219 | $9,320 | 1,255 | $8,003 |
| Hip | 3,468 | $7,310 | 3,699 | $6,178 | 3,907 | $5,295 |
| Insufficient Info to Properly Identify-Unclassified | 4,248 | $3,088 | 4,582 | $2,868 | 4,700 | $2,538 |
| Internal Organs (excl. Heart and Lungs) | 2,162 | $4,809 | 2,045 | $4,823 | 1,942 | $3,617 |
| Knee | 33,146 | $5,379 | 35,811 | $4,867 | 37,455 | $4,080 |
| Larynx | 114 | $2,273 | 98 | $2,441 | 106 | $1,052 |
| Low Back Area (Lumbar and Lumbo-Sacral) | 51,647 | $3,907 | 54,719 | $3,529 | 55,067 | $2,877 |
| Lower Arm | 13,982 | $2,685 | 14,361 | $2,582 | 14,752 | $2,258 |
| Lower Leg | 9,127 | $4,034 | 9,684 | $4,240 | 9,964 | $3,542 |
| Lumbar and/or Sacral Vertebrae (Vertebrae NOC Trunk) | 3,817 | $5,055 | 3,474 | $4,566 | 3,527 | $3,840 |
| Lungs | 2,291 | $2,604 | 2,242 | $2,490 | 2,183 | $1,821 |
| Mouth (Lips, Tongue, Throat, Taste) | 1,399 | $2,818 | 1,620 | $2,695 | 1,644 | $2,123 |
| Multiple Body Parts (incl. Body Systems and Body Parts) | 48,798 | $5,225 | 50,102 | $4,758 | 50,759 | $3,711 |
| Multiple Head Injury | 8,309 | $3,086 | 9,371 | $3,141 | 9,839 | $2,725 |
| Multiple Lower Extremities | 3,793 | $4,874 | 4,160 | $4,101 | 4,424 | $3,727 |
| Multiple Neck Injury | 2,530 | $4,594 | 2,688 | $4,147 | 2,785 | $3,199 |
| Multiple Trunk | 2,621 | $4,117 | 2,734 | $3,251 | 2,640 | $3,047 |
| Multiple Upper Extremities | 8,970 | $4,226 | 9,695 | $3,948 | 9,189 | $3,289 |
| No Physical Injury | 5,046 | $3,801 | 5,547 | $3,392 | 5,456 | $2,857 |
| Nose | 1,417 | $3,626 | 1,568 | $2,100 | 1,589 | $2,082 |
| Pelvis | 650 | $10,428 | 653 | $7,966 | 674 | $10,051 |
| Sacrum and Coccyx | 413 | $3,024 | 402 | $3,621 | 452 | $2,949 |
| Shoulder(s) | 29,898 | $6,382 | 32,190 | $5,755 | 32,631 | $4,738 |
| Skull | 3,650 | $3,850 | 4,041 | $3,879 | 4,364 | $2,608 |
| Soft Tissue | 13,229 | $3,981 | 14,094 | $3,348 | 14,259 | $2,810 |
| Spinal Cord | 397 | $10,788 | 414 | $8,141 | 395 | $7,660 |
| Spinal Cord (Nerve Tissue other than Cervical Segment) | 303 | $8,680 | 312 | $6,895 | 356 | $4,414 |
| Teeth | 756 | $6,120 | 833 | $6,241 | 818 | $6,167 |
| Thumb | 12,742 | $1,689 | 13,849 | $1,695 | 13,937 | $1,495 |
| Toe(s) | 2,849 | $1,553 | 3,141 | $1,508 | 2,963 | $1,633 |
| Trachea | 96 | $3,606 | 97 | $976 | 94 | $2,133 |
| Upper Arm (excl. Clavicle and Scapula) | 7,282 | $4,381 | 8,456 | $3,977 | 8,447 | $3,382 |
| Upper Back Area (Thoracic Area) | 9,122 | $3,240 | 9,722 | $3,107 | 9,731 | $2,605 |
| Upper Leg | 3,208 | $4,064 | 3,568 | $3,159 | 3,763 | $3,313 |
| Vertebrae | 1,467 | $5,768 | 1,876 | $4,820 | 2,006 | $3,715 |
| Whole Body | 883 | $3,421 | 933 | $5,356 | 1,083 | $2,438 |
| Wrist | 19,875 | $3,710 | 21,517 | $3,497 | 21,550 | $2,990 |
| Wrist(s) & Hand(s) | 4,268 | $4,563 | 4,853 | $4,425 | 4,763 | $3,580 |

# Drug Utilization and Payment

Drug information in WCIS is collected in professional and prescription bills. Data in this section uses NDC paid code (DN 0728) from WCIS and other drug information such as Therapeutic Group code, Brand/Generic code presented in Medispan Database.

## Brand/Generic Code

WCIS collects drug information from professional and prescription bills. Where indicated, physician dispensed and prescription bills are shown separately.

Table : Distribution of Prescription by Brand Name Code and Dispenser Type – 2017

| Brand Name Code | All | Pharmacy | Physician |
| --- | --- | --- | --- |
| Generic Name | 1,833,937 | 1,386,360 | 447,577 |
| Trade Marked Name | 351,188 | 207,096 | 144,092 |
| Total | 2,185,125 | 1,593,456 | 591,669 |

Table : Distribution of Prescription by Brand Name Code and Dispenser Type – 2018

| Brand Name Code | All | Pharmacy | Physician |
| --- | --- | --- | --- |
| Generic Name | 1,566,156 | 1,168,372 | 397,784 |
| Trade Marked Name | 264,048 | 172,604 | 91,444 |
| Total | 1,830,204 | 1,340,976 | 489,228 |

Table : Distribution of Prescription by Brand Name Code and Dispenser Type – 2019

| Brand Name Code | All | Pharmacy | Physician |
| --- | --- | --- | --- |
| Generic Name | 1,399,959 | 1,069,386 | 330,573 |
| Trade Marked Name | 172,644 | 127,885 | 44,759 |
| Total | 1,572,603 | 1,197,271 | 375,332 |

## Drug Group Classification

Table : Distribution of Drug Group Count, Sum Paid and Average Paid per Service - 2017

| Drug Group | Count | Sum Paid | Avg. Paid |
| --- | --- | --- | --- |
| ADHD/Anti-Narcolepsy/Anti-Obesity/Anorexiants | 2,498 | $533,210 | $213 |
| Alternative Medicines | 1,666 | $25,390 | $15 |
| Aminoglycosides | 29 | $5,781 | $199 |
| Analgesics - Anti-Inflammatory | 484,958 | $15,817,051 | $33 |
| Analgesics - Nonnarcotic | 58,577 | $336,813 | $6 |
| Analgesics - Opioid | 368,200 | $19,831,004 | $54 |
| Androgens-Anabolic | 1,062 | $517,928 | $488 |
| Anorectal Agents | 958 | $73,678 | $77 |
| Antacids | 623 | $3,598 | $6 |
| Anthelmintics | 33 | $1,080 | $33 |
| Antianginal Agents | 1,768 | $305,483 | $173 |
| Antianxiety Agents | 34,617 | $346,734 | $10 |
| Antiarrhythmics | 1,346 | $238,495 | $177 |
| Antiasthmatic and Bronchodilator Agents | 9,915 | $2,190,055 | $221 |
| Anticoagulants | 6,598 | $2,073,088 | $314 |
| Anticonvulsants | 157,992 | $15,126,775 | $96 |
| Antidepressants | 131,248 | $4,407,609 | $34 |
| Antidiabetics | 9,945 | $2,513,273 | $253 |
| Antidiarrheal/Probiotic Agents | 1,183 | $22,507 | $19 |
| Antidotes and Specific Antagonists | 141 | $152,121 | $1,079 |
| Antiemetics | 7,652 | $246,331 | $32 |
| Antifungals | 950 | $1,000,901 | $1,054 |
| Antihistamines | 23,364 | $384,176 | $16 |
| Antihyperlipidemics | 23,600 | $2,459,390 | $104 |
| Antihypertensives | 32,717 | $1,665,879 | $51 |
| Anti-Infective Agents - Misc. | 7,313 | $356,936 | $49 |
| Antimalarials | 185 | $8,342 | $45 |
| Antimyasthenic/Cholinergic Agents | 21 | $10,070 | $480 |
| Antimycobacterial Agents | 530 | $26,179 | $49 |
| Antineoplastics and Adjunctive Therapies | 715 | $1,695,802 | $2,372 |
| Antiparkinson and Related Therapy Agents | 835 | $52,941 | $63 |
| Antipsychotics/Antimanic Agents | 9,617 | $1,904,664 | $198 |
| Antiseptics & Disinfectants | 226 | $4,090 | $18 |
| Antivirals | 2,639 | $2,080,334 | $788 |
| Beta Blockers | 19,615 | $986,556 | $50 |
| Calcium Channel Blockers | 10,134 | $265,272 | $26 |
| Cardiotonics | 553 | $23,871 | $43 |
| Cardiovascular Agents - Misc. | 5,935 | $3,578,649 | $603 |
| Cephalosporins | 18,564 | $574,532 | $31 |
| Chemicals | 40,866 | $970,501 | $24 |
| Contraceptives | 116 | $1,256 | $11 |
| Corticosteroids | 27,145 | $488,716 | $18 |
| Cough/Cold/Allergy | 7,128 | $45,763 | $6 |
| Dermatologicals | 164,991 | $22,273,241 | $135 |
| Diagnostic Products | 2,826 | $288,078 | $102 |
| Dietary Products/Dietary Management Products | 635 | $88,605 | $140 |
| Digestive Aids | 79 | $63,114 | $799 |
| Diuretics | 8,345 | $116,676 | $14 |
| Endocrine and Metabolic Agents - Misc. | 804 | $590,629 | $735 |
| Estrogens | 103 | $1,480 | $14 |
| Fluoroquinolones | 1,923 | $25,281 | $13 |
| Gastrointestinal Agents - Misc. | 6,849 | $1,918,263 | $280 |
| General Anesthetics | 67 | $5,864 | $88 |
| Genitourinary Agents - Miscellaneous | 1,868 | $71,193 | $38 |
| Gout Agents | 609 | $56,048 | $92 |
| Hematological Agents - Misc. | 4,256 | $1,327,103 | $312 |
| Hematopoietic Agents | 1,308 | $40,067 | $31 |
| Hemostatics | 26 | $308 | $12 |
| Hypnotics/Sedatives/Sleep Disorder Agents | 32,612 | $1,101,575 | $34 |
| Laxatives | 22,239 | $257,249 | $12 |
| Local Anesthetics-Parenteral | 12,860 | $273,454 | $21 |
| Macrolides | 956 | $43,309 | $45 |
| Medical Devices and Supplies | 4,121 | $111,059 | $27 |
| Migraine Products | 3,534 | $897,493 | $254 |
| Minerals & Electrolytes | 3,616 | $71,953 | $20 |
| Miscellaneous Therapeutic Classes | 1,053 | $693,166 | $658 |
| Mouth/Throat/Dental Agents | 1,125 | $24,453 | $22 |
| Multivitamins | 581 | $2,426 | $4 |
| Musculoskeletal Therapy Agents | 205,085 | $8,689,519 | $42 |
| Nasal Agents - Systemic and Topical | 1,807 | $128,472 | $71 |
| Neuromuscular Agents | 322 | $371,728 | $1,154 |
| Nutrients | 193 | $1,227 | $6 |
| Ophthalmic Agents | 12,160 | $784,726 | $65 |
| Otic Agents | 214 | $23,064 | $108 |
| Passive Immunizing and Treatment Agents | 37 | $19,412 | $525 |
| Penicillins | 6,256 | $108,462 | $17 |
| Pharmaceutical Adjuvants | 28,545 | $650,445 | $23 |
| Progestins | 63 | $2,952 | $47 |
| Psychotherapeutic and Neurological Agents - Misc. | 4,080 | $1,947,448 | $477 |
| Respiratory Agents - Misc. | 17 | $93,783 | $5,517 |
| Sulfonamides | 1 | $0 | $0 |
| Tetracyclines | 1,442 | $67,053 | $47 |
| Thyroid Agents | 1,466 | $28,087 | $19 |
| Toxoids | 8,647 | $357,788 | $41 |
| Ulcer Drugs/Antispasmodics/Anticholinergics | 132,261 | $7,942,525 | $60 |
| Urinary Antispasmodics | 2,253 | $462,378 | $205 |
| Vaccines | 1,440 | $60,351 | $42 |
| Vaginal Products | 75 | $8,322 | $111 |
| Vasopressors | 323 | $49,974 | $155 |
| Vitamins | 2,334 | $10,778 | $5 |
| Total | **2,200,184** | **$135,503,403** |  |

Table : Distribution of Drugs by Drug Group Count, Sum Paid and Average Paid per Service -2018

| Drug Group | Count | Sum Paid | Average Paid |
| --- | --- | --- | --- |
| ADHD/Anti-Narcolepsy/Anti-Obesity/Anorexiants | 1,959 | $298,188 | $152 |
| Allergenic Extracts/Biologicals Misc | 1 | $588 | $588 |
| Alternative Medicines | 1,546 | $19,426 | $13 |
| Aminoglycosides | 23 | $7,673 | $334 |
| Analgesics - Anti-Inflammatory | 482,622 | $14,608,835 | $30 |
| Analgesics - Nonnarcotic | 73,224 | $434,160 | $6 |
| Analgesics - Opioid | 246,414 | $13,352,900 | $54 |
| Androgens-Anabolic | 1,039 | $472,905 | $455 |
| Anorectal Agents | 936 | $59,016 | $63 |
| Antacids | 430 | $2,351 | $5 |
| Anthelmintics | 67 | $24,653 | $368 |
| Antianginal Agents | 1,689 | $304,855 | $180 |
| Antianxiety Agents | 25,655 | $258,375 | $10 |
| Antiarrhythmics | 1,622 | $290,647 | $179 |
| Antiasthmatic and Bronchodilator Agents | 10,151 | $2,443,138 | $241 |
| Anticoagulants | 7,565 | $2,816,289 | $372 |
| Anticonvulsants | 121,899 | $14,355,222 | $118 |
| Antidepressants | 96,576 | $3,400,484 | $35 |
| Antidiabetics | 8,639 | $2,764,815 | $320 |
| Antidiarrheal/Probiotic Agents | 603 | $17,954 | $30 |
| Antidotes and Specific Antagonists | 365 | $90,310 | $247 |
| Antiemetics | 7,295 | $346,220 | $47 |
| Antifungals | 937 | $1,074,680 | $1,147 |
| Antihistamines | 9,059 | $85,829 | $9 |
| Antihyperlipidemics | 22,588 | $2,552,201 | $113 |
| Antihypertensives | 32,125 | $1,499,118 | $47 |
| Anti-Infective Agents - Misc. | 7,867 | $347,727 | $44 |
| Antimalarials | 119 | $8,948 | $75 |
| Antimyasthenic/Cholinergic Agents | 12 | $7,487 | $624 |
| Antimycobacterial Agents | 526 | $24,403 | $46 |
| Antineoplastics and Adjunctive Therapies | 806 | $2,622,631 | $3,254 |
| Antiparkinson and Related Therapy Agents | 866 | $50,003 | $58 |
| Antipsychotics/Antimanic Agents | 8,683 | $1,528,983 | $176 |
| Antiseptics & Disinfectants | 190 | $5,787 | $30 |
| Antivirals | 3,378 | $2,765,460 | $819 |
| Beta Blockers | 19,225 | $1,057,007 | $55 |
| Calcium Channel Blockers | 9,573 | $236,036 | $25 |
| Cardiotonics | 535 | $20,939 | $39 |
| Cardiovascular Agents - Misc. | 5,872 | $3,755,031 | $639 |
| Cephalosporins | 21,505 | $313,914 | $15 |
| Chemicals | 22,128 | $664,225 | $30 |
| Contraceptives | 151 | $1,338 | $9 |
| Corticosteroids | 28,446 | $421,027 | $15 |
| Cough/Cold/Allergy | 1,044 | $23,002 | $22 |
| Dermatologicals | 141,745 | $18,739,449 | $132 |
| Diagnostic Products | 3,448 | $359,686 | $104 |
| Dietary Products/Dietary Management Products | 637 | $83,741 | $131 |
| Digestive Aids | 62 | $43,761 | $706 |
| Diuretics | 8,314 | $104,955 | $13 |
| Endocrine and Metabolic Agents - Misc. | 877 | $1,029,260 | $1,174 |
| Estrogens | 99 | $1,695 | $17 |
| Fluoroquinolones | 2,203 | $29,822 | $14 |
| Gastrointestinal Agents - Misc. | 5,076 | $1,751,778 | $345 |
| General Anesthetics | 70 | $7,001 | $100 |
| Genitourinary Agents - Miscellaneous | 1,874 | $70,031 | $37 |
| Gout Agents | 582 | $63,879 | $110 |
| Hematological Agents - Misc. | 4,313 | $1,401,340 | $325 |
| Hematopoietic Agents | 1,657 | $25,779 | $16 |
| Hemostatics | 46 | $667 | $15 |
| Hypnotics/Sedatives/Sleep Disorder Agents | 20,012 | $775,830 | $39 |
| Laxatives | 18,738 | $217,035 | $12 |
| Local Anesthetics-Parenteral | 14,036 | $303,074 | $22 |
| Macrolides | 808 | $54,377 | $67 |
| Mmedical Devices and Supplies | 3,847 | $166,312 | $43 |
| Migraine Products | 3,370 | $754,710 | $224 |
| Minerals & Electrolytes | 3,384 | $79,609 | $24 |
| Miscellaneous Therapeutic Classes | 1,031 | $683,317 | $663 |
| Mouth/Throat/Dental Agents | 967 | $23,565 | $24 |
| Multivitamins | 599 | $3,014 | $5 |
| Musculoskeletal Therapy Agents | 142,441 | $5,448,102 | $38 |
| Nasal Agents - Systemic and Topical | 1,745 | $96,646 | $55 |
| Neuromuscular Agents | 347 | $427,047 | $1,231 |
| Nutrients | 178 | $1,541 | $9 |
| Ophthalmic Agents | 12,817 | $820,329 | $64 |
| Otic Agents | 193 | $19,576 | $101 |
| Passive Immunizing and Treatment Agents | 40 | $8,631 | $216 |
| Penicillins | 7,139 | $130,067 | $18 |
| Pharmaceutical Adjuvants | 11,954 | $204,664 | $17 |
| Progestins | 55 | $1,224 | $22 |
| Psychotherapeutic and Neurological Agents - Misc. | 3,373 | $1,981,218 | $587 |
| Respiratory Agents - Misc. | 16 | $144,947 | $9,059 |
| Sulfonamides | 2 | $1,303 | $652 |
| Tetracyclines | 1,700 | $54,804 | $32 |
| Thyroid Agents | 1,436 | $34,893 | $24 |
| Toxoids | 8,873 | $307,864 | $35 |
| Ulcer Drugs/Antispasmodics/Anticholinergics | 110,558 | $7,196,729 | $65 |
| Urinary Antispasmodics | 2,212 | $447,742 | $202 |
| Vaccines | 1,533 | $63,184 | $41 |
| Vaginal Products | 111 | $11,829 | $107 |
| Vasopressors | 375 | $65,298 | $174 |
| Vitamins | 2,160 | $9,509 | $4 |
| Total | **1,833,008** | **$119,713,872** |  |

Table : Distribution of Drugs by Drug Group Count, Sum Paid and Average Paid per Service – 2019

| Drug Group | Count | Sum Paid | Average Paid |
| --- | --- | --- | --- |
| ADHD/Anti-Narcolepsy/Anti-Obesity/Anorexiants | 1,803 | $309,162 | $171 |
| Alternative Medicines | 1,377 | $18,071 | $13 |
| Aminoglycosides | 27 | $553 | $20 |
| Analgesics - Anti-Inflammatory | 452,111 | $15,549,156 | $34 |
| Analgesics - Nonnarcotic | 67,455 | $391,988 | $6 |
| Analgesics – Opioid | 176,891 | $8,936,560 | $51 |
| Androgens-Anabolic | 878 | $292,313 | $333 |
| Anorectal Agents | 680 | $50,026 | $74 |
| Antacids | 336 | $2,185 | $7 |
| Anthelmintics | 38 | $1,980 | $52 |
| Antianginal Agents | 1,663 | $290,036 | $174 |
| Antianxiety Agents | 19,497 | $174,469 | $9 |
| Antiarrhythmics | 1,629 | $318,668 | $196 |
| Antiasthmatic And Bronchodilator Agents | 10,314 | $2,547,507 | $247 |
| Anticoagulants | 7,636 | $3,553,760 | $465 |
| Anticonvulsants | 108,970 | $12,049,447 | $111 |
| Antidepressants | 83,411 | $2,830,137 | $34 |
| Antidiabetics | 8,019 | $3,189,342 | $398 |
| Antidiarrheal/Probiotic Agents | 522 | $18,665 | $36 |
| Antidotes and Specific Antagonists | 2,568 | $446,080 | $174 |
| Antiemetics | 6,551 | $334,857 | $51 |
| Antifungals | 967 | $1,269,467 | $1,313 |
| Antihistamines | 3,219 | $30,634 | $10 |
| Antihyperlipidemics | 22,619 | $2,468,242 | $109 |
| Antihypertensives | 33,437 | $1,820,654 | $54 |
| Anti-Infective Agents - Misc. | 6,995 | $381,807 | $55 |
| Antimalarials | 117 | $6,791 | $58 |
| Antimyasthenic/Cholinergic Agents | 22 | $9,803 | $446 |
| Antimycobacterial Agents | 393 | $20,112 | $51 |
| Antineoplastics and Adjunctive Therapies | 887 | $4,021,722 | $4,534 |
| Antiparkinson and Related Therapy Agents | 770 | $36,271 | $47 |
| Antipsychotics/Antimanic Agents | 7,677 | $1,574,581 | $205 |
| Antiseptics & Disinfectants | 133 | $1,623 | $12 |
| Antivirals | 2,916 | $2,669,781 | $916 |
| Beta Blockers | 19,334 | $1,060,979 | $55 |
| Calcium Channel Blockers | 9,756 | $256,401 | $26 |
| Cardiotonics | 469 | $20,818 | $44 |
| Cardiovascular Agents - Misc. | 5,738 | $3,047,713 | $531 |
| Cephalosporins | 18,123 | $208,700 | $12 |
| Chemicals | 11,302 | $367,900 | $33 |
| Contraceptives | 66 | $299 | $5 |
| Corticosteroids | 27,083 | $411,084 | $15 |
| Cough/Cold/Allergy | 997 | $17,294 | $17 |
| Dermatologicals | 127,274 | $17,955,041 | $141 |
| Diagnostic Products | 2,971 | $264,661 | $89 |
| Dietary Products/Dietary Management Products | 376 | $70,675 | $188 |
| Digestive Aids | 92 | $84,491 | $918 |
| Diuretics | 7,770 | $102,337 | $13 |
| Endocrine and Metabolic Agents - Misc. | 777 | $1,002,337 | $1,290 |
| Estrogens | 98 | $2,951 | $30 |
| Fluoroquinolones | 1,789 | $27,991 | $16 |
| Gastrointestinal Agents - Misc. | 3,868 | $1,513,819 | $391 |
| General Anesthetics | 68 | $7,934 | $117 |
| Genitourinary Agents - Miscellaneous | 1,831 | $50,059 | $27 |
| Gout Agents | 513 | $44,942 | $88 |
| Hematological Agents - Misc. | 4,272 | $1,734,952 | $406 |
| Hematopoietic Agents | 2,084 | $255,945 | $123 |
| Hemostatics | 32 | $2,798 | $87 |
| Hypnotics/Sedatives/Sleep Disorder Agents | 11,056 | $588,483 | $53 |
| Laxatives | 15,217 | $170,189 | $11 |
| Local Anesthetics-Parenteral | 12,214 | $254,558 | $21 |
| Macrolides | 710 | $43,100 | $61 |
| Medical Devices and Supplies | 3,200 | $162,955 | $51 |
| Migraine Products | 3,712 | $983,708 | $265 |
| Minerals & Electrolytes | 3,099 | $66,404 | $21 |
| Miscellaneous Therapeutic Classes | 910 | $483,565 | $531 |
| Mouth/Throat/Dental Agents | 1,049 | $17,041 | $16 |
| Multivitamins | 551 | $2,658 | $5 |
| Musculoskeletal Therapy Agents | 107,807 | $4,807,410 | $45 |
| Nasal Agents - Systemic And Topical | 1,665 | $79,134 | $48 |
| Neuromuscular Agents | 400 | $514,615 | $1,287 |
| Nutrients | 144 | $1,233 | $9 |
| Ophthalmic Agents | 11,084 | $838,127 | $76 |
| Otic Agents | 189 | $24,258 | $128 |
| Passive Immunizing and Treatment Agents | 54 | $65,436 | $1,212 |
| Penicillins | 6,601 | $125,549 | $19 |
| Pharmaceutical Adjuvants | 6,638 | $106,818 | $16 |
| Progestins | 43 | $492 | $11 |
| Psychotherapeutic and Neurological Agents - Misc. | 2,954 | $2,179,469 | $738 |
| Respiratory Agents - Misc. | 28 | $264,802 | $9,457 |
| Tetracyclines | 1,821 | $41,172 | $23 |
| Thyroid Agents | 1,362 | $39,485 | $29 |
| Toxoids | 6,479 | $264,560 | $41 |
| Ulcer Drugs/Antispasmodics/Anticholinergics | 89,483 | $6,825,058 | $76 |
| Urinary Antispasmodics | 2,090 | $440,028 | $211 |
| Vaccines | 1,215 | $47,623 | $39 |
| Vaginal Products | 74 | $6,037 | $82 |
| Vasopressors | 313 | $56,174 | $179 |
| Vitamins | 2,042 | $8,589 | $4 |
| Total | 1,573,415 | 113,637,297 |  |

Table : Distribution of Pharmacy Dispensed Brand Name Drugs by Drug Group 2017

| Drug Group | Count | Rank |
| --- | --- | --- |
| Analgesics - Anti-Inflammatory | 47,027 | 1 |
| Anticonvulsants | 27,305 | 2 |
| Dermatologicals | 22,371 | 3 |
| Pharmaceutical Adjuvants | 15,490 | 4 |
| Analgesics – Opioid | 15,311 | 5 |
| Antiasthmatic and Bronchodilator Agents | 7,089 | 6 |
| Gastrointestinal Agents - Misc. | 5,534 | 7 |
| Cardiovascular Agents - Misc. | 5,293 | 8 |
| Laxatives | 5,141 | 9 |
| Antidepressants | 4,427 | 10 |
| Antidiabetics | 4,286 | 11 |
| Anticoagulants | 3,825 | 12 |
| Ulcer Drugs/Antispasmodics/Anticholinergics | 3,814 | 13 |
| Musculoskeletal Therapy Agents | 3,748 | 14 |
| Psychotherapeutic And Neurological Agents - Misc. | 3,427 | 15 |
| Medical Devices And Supplies | 3,393 | 16 |
| Ophthalmic Agents | 2,675 | 17 |
| Beta Blockers | 2,634 | 18 |
| Antihyperlipidemics | 2,150 | 19 |
| Antihypertensives | 2,103 | 20 |
| Antivirals | 1,954 | 21 |
| Hypnotics/Sedatives/Sleep Disorder Agents | 1,605 | 22 |
| Diagnostic Products | 1,372 | 23 |
| Antihistamines | 1,338 | 24 |
| Antipsychotics/Antimanic Agents | 1,157 | 25 |
| Urinary Antispasmodics | 1,110 | 26 |
| Minerals & Electrolytes | 1,013 | 27 |
| Analgesics - Nonnarcotic | 897 | 28 |
| Antidiarrheal/Probiotic Agents | 828 | 29 |
| Hematological Agents - Misc. | 823 | 30 |
| Migraine Products | 623 | 31 |
| Anorectal Agents | 582 | 32 |
| Antianginal Agents | 582 | 32 |
| Androgens-Anabolic | 491 | 34 |
| Calcium Channel Blockers | 379 | 35 |
| Dietary Products/Dietary Management Products | 367 | 36 |
| ADHD/Anti-Narcolepsy/Anti-Obesity/Anorexiants | 343 | 37 |
| Nasal Agents - Systemic And Topical | 309 | 38 |
| Endocrine and Metabolic Agents - Misc. | 305 | 39 |
| Thyroid Agents | 267 | 40 |
| Antacids | 245 | 41 |
| Alternative Medicines | 228 | 42 |
| Neuromuscular Agents | 220 | 43 |
| Vaccines | 199 | 44 |
| Cough/Cold/Allergy | 199 | 44 |
| Antianxiety Agents | 167 | 46 |
| Antiarrhythmics | 163 | 47 |
| Hematopoietic Agents | 163 | 47 |
| Multivitamins | 156 | 49 |
| Genitourinary Agents - Miscellaneous | 150 | 50 |
| Cardiotonics | 145 | 51 |
| Antineoplastics and Adjunctive Therapies | 145 | 51 |
| Antiseptics & Disinfectants | 142 | 53 |
| Miscellaneous Therapeutic Classes | 135 | 54 |
| Antidotes And Specific Antagonists | 118 | 55 |
| Mouth/Throat/Dental Agents | 116 | 56 |
| Antifungals | 115 | 57 |
| Antiemetics | 97 | 58 |
| Gout Agents | 93 | 59 |
| Contraceptives | 89 | 60 |
| Anti-Infective Agents - Misc. | 87 | 61 |
| Digestive Aids | 74 | 62 |
| Corticosteroids | 61 | 63 |
| Otic Agents | 59 | 64 |
| Toxoids | 44 | 65 |
| Vaginal Products | 40 | 66 |
| Vasopressors | 38 | 67 |
| Diuretics | 34 | 68 |
| Vitamins | 33 | 69 |
| Chemicals | 25 | 70 |
| Macrolides | 22 | 71 |
| Antimycobacterial Agents | 22 | 71 |
| Estrogens | 17 | 73 |
| Respiratory Agents - Misc. | 17 | 73 |
| Antimyasthenic/Cholinergic Agents | 12 | 75 |
| Antiparkinson and Related Therapy Agents | 9 | 76 |
| Nutrients | 8 | 77 |
| Cephalosporins | 5 | 78 |
| Fluoroquinolones | 5 | 78 |
| Local Anesthetics-Parenteral | 5 | 78 |
| Antimalarials | 2 | 81 |
| Penicillins | 2 | 81 |
| Tetracyclines | 2 | 81 |
| Total | 207,096 |  |

Table : Distribution of Pharmacy Dispensed Brand Name Drugs by Drug Group 2018

| Drug Group | Count | Rank |
| --- | --- | --- |
| Analgesics - Anti-Inflammatory | 43,923 | 1 |
| Anticonvulsants | 22,924 | 2 |
| Dermatologicals | 19,354 | 3 |
| Analgesics - Opioid | 11,245 | 4 |
| Antiasthmatic and Bronchodilator Agents | 7,408 | 5 |
| Anticoagulants | 5,437 | 6 |
| Laxatives | 4,825 | 7 |
| Pharmaceutical Adjuvants | 4,440 | 8 |
| Antidiabetics | 4,148 | 9 |
| Gastrointestinal Agents - Misc. | 4,144 | 10 |
| Antidepressants | 3,325 | 11 |
| Cardiovascular Agents - Misc. | 3,129 | 12 |
| Medical Devices And Supplies | 3,128 | 13 |
| Beta Blockers | 2,866 | 14 |
| Psychotherapeutic And Neurological Agents - Misc. | 2,822 | 15 |
| Ophthalmic Agents | 2,519 | 16 |
| Antivirals | 2,455 | 17 |
| Ulcer Drugs/Antispasmodics/Anticholinergics | 2,424 | 18 |
| Antihypertensives | 2,201 | 19 |
| Antihyperlipidemics | 2,104 | 20 |
| Musculoskeletal Therapy Agents | 1,968 | 21 |
| Diagnostic Products | 1,343 | 22 |
| Hypnotics/Sedatives/Sleep Disorder Agents | 1,291 | 23 |
| Antipsychotics/Antimanic Agents | 1,090 | 24 |
| Urinary Antispasmodics | 1,025 | 25 |
| Analgesics - Nonnarcotic | 887 | 26 |
| Minerals & Electrolytes | 716 | 27 |
| Hematological Agents - Misc. | 689 | 28 |
| Antihistamines | 640 | 29 |
| Anorectal Agents | 635 | 30 |
| Migraine Products | 459 | 31 |
| Antianginal Agents | 457 | 32 |
| Endocrine And Metabolic Agents - Misc. | 392 | 33 |
| Androgens-Anabolic | 387 | 34 |
| Calcium Channel Blockers | 379 | 35 |
| Thyroid Agents | 352 | 36 |
| Antidotes And Specific Antagonists | 330 | 37 |
| Antidiarrheal/Probiotic Agents | 308 | 38 |
| Neuromuscular Agents | 259 | 39 |
| Dietary Products/Dietary Management Products | 248 | 40 |
| Vaccines | 241 | 41 |
| Multivitamins | 239 | 42 |
| Nasal Agents - Systemic And Topical | 237 | 43 |
| ADHD/Anti-Narcolepsy/Anti-Obesity/Anorexiants | 237 | 43 |
| Antineoplastics and Adjunctive Therapies | 232 | 45 |
| Cardiotonics | 215 | 46 |
| Mouth/Throat/Dental Agents | 197 | 47 |
| Hematopoietic Agents | 195 | 48 |
| Antacids | 179 | 49 |
| Antiarrhythmics | 170 | 50 |
| Alternative Medicines | 158 | 51 |
| Cough/Cold/Allergy | 157 | 52 |
| Antiemetics | 141 | 53 |
| Contraceptives | 126 | 54 |
| Antiseptics & Disinfectants | 117 | 55 |
| Miscellaneous Therapeutic Classes | 115 | 56 |
| Antifungals | 110 | 57 |
| Genitourinary Agents - Miscellaneous | 99 | 58 |
| Gout Agents | 93 | 59 |
| Anti-Infective Agents - Misc. | 73 | 60 |
| Antianxiety Agents | 70 | 61 |
| Otic Agents | 65 | 62 |
| Digestive Aids | 58 | 63 |
| Vaginal Products | 56 | 64 |
| Toxoids | 54 | 65 |
| Corticosteroids | 44 | 66 |
| Vasopressors | 30 | 67 |
| Estrogens | 29 | 68 |
| Antimycobacterial Agents | 28 | 69 |
| Macrolides | 27 | 70 |
| Vitamins | 27 | 70 |
| Nutrients | 26 | 72 |
| Cephalosporins | 17 | 73 |
| Respiratory Agents - Misc. | 16 | 74 |
| Diuretics | 11 | 75 |
| Local Anesthetics-Parenteral | 10 | 76 |
| Chemicals | 9 | 77 |
| Antimyasthenic/Cholinergic Agents | 8 | 78 |
| Antiparkinson and Related Therapy Agents | 5 | 79 |
| Anthelmintics | 4 | 80 |
| Passive Immunizing and Treatment Agents | 1 | 81 |
| Tetracyclines | 1 | 81 |
| Fluoroquinolones | 1 | 81 |
| Total | 172,604 |  |

Table : Distribution of Pharmacy Dispensed Brand Name Drugs by Drug Group 2019

| Drug Group | Count | Rank |
| --- | --- | --- |
| Analgesics - Anti-Inflammatory | 21,749 | 1 |
| Dermatologicals | 17,203 | 2 |
| Anticonvulsants | 12,866 | 3 |
| Analgesics - Opioid | 7,628 | 4 |
| Anticoagulants | 5,953 | 5 |
| Antiasthmatic and Bronchodilator Agents | 5,548 | 6 |
| Antidiabetics | 4,265 | 7 |
| Laxatives | 3,940 | 8 |
| Pharmaceutical Adjuvants | 3,333 | 9 |
| Antihypertensives | 3,219 | 10 |
| Gastrointestinal Agents - Misc. | 3,205 | 11 |
| Beta Blockers | 2,870 | 12 |
| Antidepressants | 2,865 | 13 |
| Medical Devices And Supplies | 2,721 | 14 |
| Antihyperlipidemics | 2,540 | 15 |
| Antidotes And Specific Antagonists | 2,521 | 16 |
| Psychotherapeutic and Neurological Agents - Misc. | 2,380 | 17 |
| Antivirals | 2,225 | 18 |
| Ulcer Drugs/Antispasmodics/Anticholinergics | 2,176 | 19 |
| Ophthalmic Agents | 2,170 | 20 |
| Musculoskeletal Therapy Agents | 1,858 | 21 |
| Cardiovascular Agents - Misc. | 1,386 | 22 |
| Antipsychotics/Antimanic Agents | 1,264 | 23 |
| Diagnostic Products | 1,110 | 24 |
| Hypnotics/Sedatives/Sleep Disorder Agents | 917 | 25 |
| Urinary Antispasmodics | 901 | 26 |
| Hematological Agents - Misc. | 818 | 27 |
| Migraine Products | 764 | 28 |
| Minerals & Electrolytes | 564 | 29 |
| Antihistamines | 515 | 30 |
| Anorectal Agents | 451 | 31 |
| Analgesics - Nonnarcotic | 402 | 32 |
| Calcium Channel Blockers | 377 | 33 |
| Endocrine And Metabolic Agents - Misc. | 358 | 34 |
| Thyroid Agents | 352 | 35 |
| Antineoplastics and Adjunctive Therapies | 317 | 36 |
| Vaccines | 293 | 37 |
| Neuromuscular Agents | 269 | 38 |
| Mouth/Throat/Dental Agents | 224 | 39 |
| Antidiarrheal/Probiotic Agents | 224 | 39 |
| Antiarrhythmics | 218 | 41 |
| Hematopoietic Agents | 199 | 42 |
| Dietary Products/Dietary Management Products | 193 | 43 |
| ADHD/Anti-Narcolepsy/Anti-Obesity/Anorexiants | 181 | 44 |
| Alternative Medicines | 177 | 45 |
| Antacids | 176 | 46 |
| Nasal Agents - Systemic and Topical | 171 | 47 |
| Cardiotonics | 156 | 48 |
| Multivitamins | 151 | 49 |
| Antianginal Agents | 148 | 50 |
| Cough/Cold/Allergy | 148 | 50 |
| Antifungals | 139 | 52 |
| Antiemetics | 105 | 53 |
| Digestive Aids | 92 | 54 |
| Miscellaneous Therapeutic Classes | 88 | 55 |
| Otic Agents | 74 | 56 |
| Antiseptics & Disinfectants | 71 | 57 |
| Toxoids | 70 | 58 |
| Anti-Infective Agents - Misc. | 67 | 59 |
| Androgens-Anabolic | 53 | 60 |
| Gout Agents | 52 | 61 |
| Contraceptives | 49 | 62 |
| Antianxiety Agents | 48 | 63 |
| Corticosteroids | 41 | 64 |
| Vitamins | 38 | 65 |
| Vaginal Products | 34 | 66 |
| Genitourinary Agents - Miscellaneous | 31 | 67 |
| Respiratory Agents - Misc. | 28 | 68 |
| Antimycobacterial Agents | 26 | 69 |
| Estrogens | 24 | 70 |
| Passive Immunizing and Treatment Agents | 16 | 71 |
| Macrolides | 14 | 72 |
| Antimyasthenic/Cholinergic Agents | 12 | 73 |
| Vasopressors | 12 | 73 |
| Nutrients | 12 | 73 |
| Local Anesthetics-Parenteral | 8 | 76 |
| Chemicals | 7 | 77 |
| Cephalosporins | 7 | 77 |
| Diuretics | 3 | 79 |
| Penicillins | 2 | 80 |
| Fluoroquinolones | 1 | 81 |
| Hemostatics | 1 | 81 |
| Antiparkinson and Related Therapy Agents | 1 | 81 |
| Total | 127,885 |  |

Table : Distribution of Physician Dispensed Brand Name Drugs by Drug Group 2017

| Drug Group | Count | Rank |
| --- | --- | --- |
| Analgesics - Anti-Inflammatory | 31,448 | 1 |
| Musculoskeletal Therapy Agents | 20,578 | 2 |
| Anticonvulsants | 19,365 | 3 |
| Antihistamines | 19,087 | 4 |
| Dermatologicals | 14,187 | 5 |
| Pharmaceutical Adjuvants | 9,065 | 6 |
| Corticosteroids | 8,575 | 7 |
| Toxoids | 8,569 | 8 |
| Local Anesthetics-Parenteral | 3,895 | 9 |
| Analgesics - Nonnarcotic | 3,493 | 10 |
| Vaccines | 1,241 | 11 |
| Ulcer Drugs/Antispasmodics/Anticholinergics | 934 | 12 |
| Diagnostic Products | 577 | 13 |
| Laxatives | 453 | 14 |
| Ophthalmic Agents | 379 | 15 |
| Antivirals | 221 | 16 |
| Analgesics - Opioid | 195 | 17 |
| Dietary Products/Dietary Management Products | 165 | 18 |
| Antiasthmatic And Bronchodilator Agents | 159 | 19 |
| Medical Devices And Supplies | 149 | 20 |
| Cardiovascular Agents - Misc. | 140 | 21 |
| Neuromuscular Agents | 102 | 22 |
| Antidiabetics | 80 | 23 |
| Anticoagulants | 73 | 24 |
| Antineoplastics And Adjunctive Therapies | 70 | 25 |
| Psychotherapeutic And Neurological Agents - Misc. | 64 | 26 |
| Gastrointestinal Agents - Misc. | 57 | 27 |
| Antihyperlipidemics | 55 | 28 |
| Beta Blockers | 54 | 29 |
| Miscellaneous Therapeutic Classes | 43 | 30 |
| Antidepressants | 43 | 30 |
| Urinary Antispasmodics | 42 | 32 |
| Antihypertensives | 41 | 33 |
| Anti-Infective Agents - Misc. | 41 | 33 |
| Androgens-Anabolic | 38 | 35 |
| Passive Immunizing And Treatment Agents | 37 | 36 |
| Minerals & Electrolytes | 31 | 37 |
| Antifungals | 28 | 38 |
| Antidiarrheal/Probiotic Agents | 27 | 39 |
| Hemostatics | 25 | 40 |
| Hypnotics/Sedatives/Sleep Disorder Agents | 25 | 40 |
| Nasal Agents - Systemic And Topical | 21 | 42 |
| Cephalosporins | 21 | 42 |
| Endocrine And Metabolic Agents - Misc. | 20 | 44 |
| Hematological Agents - Misc. | 18 | 45 |
| Antiemetics | 18 | 45 |
| Hematopoietic Agents | 17 | 47 |
| Antiseptics & Disinfectants | 13 | 48 |
| Alternative Medicines | 12 | 49 |
| Antianginal Agents | 11 | 50 |
| Multivitamins | 9 | 51 |
| Antianxiety Agents | 8 | 52 |
| Anorectal Agents | 8 | 52 |
| Calcium Channel Blockers | 8 | 52 |
| Antacids | 6 | 55 |
| Nutrients | 5 | 56 |
| Genitourinary Agents - Miscellaneous | 5 | 56 |
| General Anesthetics | 5 | 56 |
| Fluoroquinolones | 5 | 56 |
| Cardiotonics | 4 | 60 |
| Penicillins | 4 | 60 |
| Antiarrhythmics | 4 | 60 |
| Mouth/Throat/Dental Agents | 3 | 63 |
| Migraine Products | 3 | 63 |
| Tetracyclines | 3 | 63 |
| Antipsychotics/Antimanic Agents | 2 | 66 |
| Cough/Cold/Allergy | 2 | 66 |
| Vasopressors | 1 | 68 |
| Contraceptives | 1 | 68 |
| Macrolides | 1 | 68 |
| Digestive Aids | 1 | 68 |
| Estrogens | 1 | 68 |
| Antimycobacterial Agents | 1 | 68 |
| Total | 144,092 |  |

Table : Distribution of Physician Dispensed Brand Name Drugs by Drug Group 2018

| Drug Group | Count | Rank |
| --- | --- | --- |
| Analgesics - Anti-Inflammatory | 17,432 | 1 |
| Dermatologicals | 15,205 | 2 |
| Musculoskeletal Therapy Agents | 13,454 | 3 |
| Corticosteroids | 11,122 | 4 |
| Toxoids | 8,709 | 5 |
| Pharmaceutical Adjuvants | 6,528 | 6 |
| Antihistamines | 5,722 | 7 |
| Analgesics - Nonnarcotic | 4,342 | 8 |
| Local Anesthetics-Parenteral | 3,460 | 9 |
| Vaccines | 1,290 | 10 |
| Diagnostic Products | 924 | 11 |
| Anticonvulsants | 640 | 12 |
| Laxatives | 366 | 13 |
| Antivirals | 352 | 14 |
| Ophthalmic Agents | 289 | 15 |
| Dietary Products/Dietary Management Products | 182 | 16 |
| Medical Devices and Supplies | 157 | 17 |
| Antiasthmatic and Bronchodilator Agents | 137 | 18 |
| Analgesics - Opioid | 117 | 19 |
| Neuromuscular Agents | 88 | 20 |
| Antineoplastics and Adjunctive Therapies | 64 | 21 |
| Anti-Infective Agents - Misc. | 62 | 22 |
| Cardiovascular Agents - Misc. | 61 | 23 |
| Anticoagulants | 56 | 24 |
| Antidiabetics | 52 | 25 |
| Gastrointestinal Agents - Misc. | 48 | 26 |
| Antihyperlipidemics | 42 | 27 |
| Hemostatics | 41 | 28 |
| Passive Immunizing and Treatment Agents | 39 | 29 |
| Beta Blockers | 34 | 30 |
| Minerals & Electrolytes | 34 | 30 |
| Miscellaneous Therapeutic Classes | 33 | 32 |
| Antidepressants | 26 | 33 |
| Endocrine and Metabolic Agents - Misc. | 26 | 33 |
| Antihypertensives | 25 | 35 |
| Antiemetics | 24 | 36 |
| Anorectal Agents | 24 | 36 |
| Androgens-Anabolic | 23 | 38 |
| Antiseptics & Disinfectants | 18 | 39 |
| Ulcer Drugs/Antispasmodics/Anticholinergics | 17 | 40 |
| Psychotherapeutic and Neurological Agents - Misc. | 15 | 41 |
| Nasal Agents - Systemic And Topical | 14 | 42 |
| Hypnotics/Sedatives/Sleep Disorder Agents | 13 | 43 |
| Vasopressors | 12 | 44 |
| Multivitamins | 12 | 44 |
| Hematopoietic Agents | 10 | 46 |
| Calcium Channel Blockers | 9 | 47 |
| Antianginal Agents | 9 | 47 |
| Urinary Antispasmodics | 8 | 49 |
| Hematological Agents - Misc. | 8 | 49 |
| Antidiarrheal/Probiotic Agents | 7 | 51 |
| Penicillins | 7 | 51 |
| Antiarrhythmics | 6 | 53 |
| Mouth/Throat/Dental Agents | 6 | 53 |
| General Anesthetics | 6 | 53 |
| Antimycobacterial Agents | 4 | 56 |
| Cephalosporins | 3 | 57 |
| Cardiotonics | 3 | 57 |
| Thyroid Agents | 3 | 57 |
| Contraceptives | 3 | 57 |
| Cough/Cold/Allergy | 2 | 61 |
| Antacids | 2 | 61 |
| Antifungals | 2 | 61 |
| Macrolides | 2 | 61 |
| Estrogens | 2 | 61 |
| Nutrients | 2 | 61 |
| Antidotes and Specific Antagonists | 2 | 61 |
| Migraine Products | 1 | 68 |
| Allergenic Extracts/Biologicals Misc. | 1 | 68 |
| Vitamins | 1 | 68 |
| Digestive Aids | 1 | 68 |
| Antianxiety Agents | 1 | 68 |
| Otic Agents | 1 | 68 |
| Total | 91,444 |  |

Table : Distribution of Physician Dispensed Brand Name Drugs by Drug Group 2019

| Drug Group | Count | Rank |
| --- | --- | --- |
| Corticosteroids | 10,871 | 1 |
| Dermatologicals | 6,771 | 2 |
| Analgesics - Anti-Inflammatory | 6,323 | 3 |
| Toxoids | 6,104 | 4 |
| Analgesics - Nonnarcotic | 3,434 | 5 |
| Local Anesthetics-Parenteral | 2,736 | 6 |
| Pharmaceutical Adjuvants | 2,731 | 7 |
| Musculoskeletal Therapy Agents | 2,143 | 8 |
| Diagnostic Products | 998 | 9 |
| Vaccines | 922 | 10 |
| Laxatives | 312 | 11 |
| Antivirals | 189 | 12 |
| Ophthalmic Agents | 161 | 13 |
| Neuromuscular Agents | 131 | 14 |
| Medical Devices and Supplies | 124 | 15 |
| Antihistamines | 83 | 16 |
| Dietary Products/Dietary Management Products | 67 | 17 |
| Antineoplastics and Adjunctive Therapies | 64 | 18 |
| Antiasthmatic and Bronchodilator Agents | 50 | 19 |
| Miscellaneous Therapeutic Classes | 45 | 20 |
| Passive Immunizing and Treatment Agents | 38 | 21 |
| Minerals & Electrolytes | 34 | 22 |
| Anti-Infective Agents - Misc. | 33 | 23 |
| Anticonvulsants | 32 | 24 |
| Analgesics - Opioid | 30 | 25 |
| Antiseptics & Disinfectants | 21 | 26 |
| Anorectal Agents | 21 | 26 |
| Hemostatics | 20 | 28 |
| Endocrine and Metabolic Agents - Misc. | 20 | 28 |
| Antifungals | 20 | 28 |
| Antidepressants | 20 | 28 |
| Antipsychotics/Antimanic Agents | 18 | 32 |
| Antidiabetics | 18 | 32 |
| Hematological Agents - Misc. | 14 | 34 |
| Fluoroquinolones | 13 | 35 |
| Androgens-Anabolic | 13 | 35 |
| Gastrointestinal Agents - Misc. | 12 | 37 |
| Psychotherapeutic and Neurological Agents - Misc. | 12 | 37 |
| Mouth/Throat/Dental Agents | 11 | 39 |
| Ulcer Drugs/Antispasmodics/Anticholinergics | 10 | 40 |
| Nasal Agents - Systemic and Topical | 9 | 41 |
| Anticoagulants | 9 | 41 |
| Antiemetics | 9 | 41 |
| Hypnotics/Sedatives/Sleep Disorder Agents | 9 | 41 |
| Penicillins | 9 | 41 |
| Antidotes and Specific Antagonists | 8 | 46 |
| Urinary Antispasmodics | 5 | 47 |
| Tetracyclines | 4 | 48 |
| Antihyperlipidemics | 4 | 48 |
| Hematopoietic Agents | 4 | 48 |
| Cephalosporins | 3 | 51 |
| Migraine Products | 3 | 51 |
| Antidiarrheal/Probiotic Agents | 3 | 51 |
| Multivitamins | 2 | 54 |
| Cardiovascular Agents - Misc. | 2 | 54 |
| General Anesthetics | 2 | 54 |
| Contraceptives | 1 | 57 |
| Calcium Channel Blockers | 1 | 57 |
| Beta Blockers | 1 | 57 |
| Adhd/Anti-Narcolepsy/Anti-Obesity/Anorexiants | 1 | 57 |
| Antihypertensives | 1 | 57 |
| Total | 44,759 |  |

# Provider Data

The WCIS collects provider specialty using DN 0537 Billing Provider Primary Specialty Code and DN 0595 Rendering Line Provider Primary Specialty Code. Taxonomy code used for reporting these data elements is the NUCC Taxonomy code[[2]](#footnote-3)list.

## Payment share

WCIS collects total amount paid for each provider for each service .Providers could report only one specialty on each bill. However, since a provider may have different specialties, the same provider could report one taxonomy for one bill and a different taxonomy for some other bill.

Table : Top 50 Provider Taxonomy by percent paid- 2017

| Taxonomy | Classification | Specialization | Total Paid | % Paid | Bill Count | % of Bills | Avg. Paid |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 207X00000X | Orthopaedic Surgery |  | $235,025,512 | 10.9 | 1,208,376 | 6.3 | $194.50 |
| 225100000X | Physical Therapist |  | $187,440,844 | 8.7 | 4,752,181 | 24.6 | $39.44 |
| 282N00000X | General Acute Care Hospital |  | $167,884,004 | 7.8 | 399,231 | 2.1 | $420.52 |
| 208D00000X | General Practice |  | $109,682,298 | 5.1 | 881,800 | 4.6 | $124.38 |
| 174400000X | Specialist |  | $85,088,485 | 4.0 | 524,497 | 2.7 | $162.23 |
| 261QA1903X | Clinic/Center | Ambulatory Surgical | $72,343,187 | 3.4 | 51,610 | 0.3 | $1,401.73 |
| 332B00000X | Durable Medical Equipment & Medical Supplies |  | $62,160,634 | 2.9 | 295,232 | 1.5 | $210.55 |
| 2083X0100X | Preventive Medicine | Occupational Medicine | $61,335,303 | 2.8 | 805,682 | 4.2 | $76.13 |
| 208100000X | Physical Medicine & Rehabilitation |  | $56,505,884 | 2.6 | 473,805 | 2.5 | $119.26 |
| 207R00000X | Internal Medicine |  | $55,436,862 | 2.6 | 417,718 | 2.2 | $132.71 |
| 207Q00000X | Family Medicine |  | $52,704,601 | 2.4 | 644,314 | 3.3 | $81.80 |
| 2085R0202X | Radiology | Diagnostic Radiology | $45,691,886 | 2.1 | 285,503 | 1.5 | $160.04 |
| 261QM1300X | Clinic/Center | Multi-Specialty | $44,322,000 | 2.1 | 346,604 | 1.8 | $127.88 |
| 111N00000X | Chiropractor |  | $39,981,087 | 1.9 | 882,561 | 4.6 | $45.30 |
| 207P00000X | Emergency Medicine |  | $34,941,240 | 1.6 | 286,352 | 1.5 | $122.02 |
| 363A00000X | Physician Assistant |  | $34,159,599 | 1.6 | 515,374 | 2.7 | $66.28 |
| 333600000X | Pharmacy |  | $33,797,894 | 1.6 | 437,848 | 2.3 | $77.19 |
| 207XS0117X | Orthopaedic Surgery | Orthopaedic Surgery of the Spine | $30,328,689 | 1.4 | 143,830 | 0.7 | $210.86 |
| 171100000X | Acupuncturist |  | $29,591,322 | 1.4 | 795,567 | 4.1 | $37.20 |
| 207L00000X | Anesthesiology |  | $25,841,737 | 1.2 | 146,431 | 0.8 | $176.48 |
| 207XX0005X | Orthopaedic Surgery | Sports Medicine | $24,350,367 | 1.1 | 124,734 | 0.6 | $195.22 |
| 3336C0003X | Pharmacy | Community/Retail Pharmacy | $24,317,648 | 1.1 | 282,575 | 1.5 | $86.06 |
| 208600000X | Surgery |  | $23,866,755 | 1.1 | 93,285 | 0.5 | $255.85 |
| 207XS0106X | Orthopaedic Surgery | Hand Surgery | $23,646,961 | 1.1 | 148,270 | 0.8 | $159.49 |
| 2084P0800X | Psychiatry & Neurology | Psychiatry | $21,593,839 | 1.0 | 56,284 | 0.3 | $383.66 |
| 2084N0400X | Psychiatry & Neurology | Neurology | $20,111,611 | 0.9 | 88,091 | 0.5 | $228.30 |
| 207LP2900X | Anesthesiology | Pain Medicine | $20,044,428 | 0.9 | 141,765 | 0.7 | $141.39 |
| 251E00000X | Home Health |  | $19,454,433 | 0.9 | 66,980 | 0.3 | $290.45 |
| 103T00000X | Psychologist |  | $18,144,948 | 0.8 | 69,974 | 0.4 | $259.31 |
| 2081P2900X | Physical Medicine & Rehabilitation | Pain Medicine | $17,911,512 | 0.8 | 124,471 | 0.6 | $143.90 |
| 171R00000X | Interpreter |  | $16,791,647 | 0.8 | 131,274 | 0.7 | $127.91 |
| 193200000X | Multi-Specialty |  | $15,148,365 | 0.7 | 145,256 | 0.8 | $104.29 |
| 208VP0000X | Pain Medicine | Pain Medicine | $14,574,759 | 0.7 | 95,169 | 0.5 | $153.15 |
| 208VP0014X | Pain Medicine | Interventional Pain Medicine | $13,214,639 | 0.6 | 102,012 | 0.5 | $129.54 |
| 207T00000X | Neurological Surgery |  | $12,612,257 | 0.6 | 33,315 | 0.2 | $378.58 |
| 314000000X | Skilled Nursing Facility |  | $12,285,673 | 0.6 | 14,222 | 0.1 | $863.85 |
| 207QA0505X | Family Medicine | Adult Medicine | $12,231,137 | 0.6 | 78,497 | 0.4 | $155.82 |
| 291U00000X | Clinical Medical Laboratory |  | $11,567,061 | 0.5 | 184,227 | 1.0 | $62.79 |
| 103TC0700X | Psychologist | Clinical | $11,276,578 | 0.5 | 61,823 | 0.3 | $182.40 |
| 225X00000X | Occupational Therapist |  | $11,223,705 | 0.5 | 278,289 | 1.4 | $40.33 |
| 122300000X | Dentist |  | $10,461,458 | 0.5 | 17,410 | 0.1 | $600.89 |
| 202C00000X | Independent Medical Examiner |  | $9,535,340 | 0.4 | 16,228 | 0.1 | $587.59 |
| 1223G0001X | Dentist | General Practice | $9,121,434 | 0.4 | 59,853 | 0.3 | $152.40 |
| 363AM0700X | Physician Assistant | Medical | $9,030,056 | 0.4 | 126,129 | 0.7 | $71.59 |
| 204D00000X | Neuromusculoskeletal Medicine & OMM |  | $8,859,720 | 0.4 | 76,268 | 0.4 | $116.17 |
| 390200000X | Student in an Organized Health Care Education/Training Program |  | $8,804,949 | 0.4 | 72,913 | 0.4 | $120.76 |
| 193400000X | Single Specialty |  | $8,683,093 | 0.4 | 43,801 | 0.2 | $198.24 |
| 343900000X | Non-emergency Medical Transport (VAN) |  | $7,774,262 | 0.4 | 81,880 | 0.4 | $94.95 |
| 2083P0500X | Preventive Medicine | Preventive Medicine/Occupational Environmental Medicine | $7,046,961 | 0.3 | 89,166 | 0.5 | $79.03 |
| 261QP2000X | Clinic/Center | Physical Therapy | $6,715,040 | 0.3 | 159,341 | 0.8 | $42.14 |
| All Others | All Others |  | $258,534,408 | 12.0 | 1,967,332 | 10.2 | $131.41 |

Table : Top 50 Provider Taxonomy by percent paid -2018

| Taxonomy | Classification | Specialization | Total Paid | % Paid | Bill Count | % of Bills | Avg. Paid |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 207X00000X | Orthopaedic Surgery |  | $258,419,528 | 10.6 | 1,286,089 | 5.9 | $201 |
| 225100000X | Physical Therapist |  | $236,656,231 | 9.7 | 5,771,811 | 26.3 | $41 |
| 282N00000X | General Acute Care Hospital |  | $187,257,869 | 7.7 | 435,540 | 2.0 | $430 |
| 208D00000X | General Practice |  | $125,561,659 | 5.1 | 980,540 | 4.5 | $128 |
| 174400000X | Specialist |  | $88,320,385 | 3.6 | 563,438 | 2.6 | $157 |
| 261QA1903X | Clinic/Center | Ambulatory Surgical | $72,290,926 | 3.0 | 54,835 | 0.2 | $1,318 |
| 332B00000X | Durable Medical Equipment & Medical Supplies |  | $71,908,073 | 2.9 | 330,327 | 1.5 | $218 |
| 2083X0100X | Preventive Medicine | Occupational Medicine | $71,070,812 | 2.9 | 913,895 | 4.2 | $78 |
| 207R00000X | Internal Medicine |  | $65,747,859 | 2.7 | 492,858 | 2.2 | $133 |
| 208100000X | Physical Medicine & Rehabilitation |  | $61,876,509 | 2.5 | 492,086 | 2.2 | $126 |
| 207Q00000X | Family Medicine |  | $57,308,632 | 2.3 | 697,191 | 3.2 | $82 |
| 2085R0202X | Radiology | Diagnostic Radiology | $48,519,153 | 2.0 | 301,067 | 1.4 | $161 |
| 111N00000X | Chiropractor |  | $48,163,094 | 2.0 | 1,018,437 | 4.6 | $47 |
| 261QM1300X | Clinic/Center | Multi-Specialty | $46,345,093 | 1.9 | 378,667 | 1.7 | $122 |
| 207P00000X | Emergency Medicine |  | $42,065,010 | 1.7 | 333,245 | 1.5 | $126 |
| 363A00000X | Physician Assistant |  | $41,215,744 | 1.7 | 604,954 | 2.8 | $68 |
| 3336C0003X | Pharmacy | Community/Retail Pharmacy | $39,619,045 | 1.6 | 390,385 | 1.8 | $101 |
| 333600000X | Pharmacy |  | $35,601,030 | 1.5 | 462,179 | 2.1 | $77 |
| 171100000X | Acupuncturist |  | $33,849,091 | 1.4 | 888,539 | 4.0 | $38 |
| 207XS0117X | Orthopaedic Surgery | Orthopaedic Surgery of the Spine | $32,345,908 | 1.3 | 140,082 | 0.6 | $231 |
| 208600000X | Surgery |  | $27,704,744 | 1.1 | 97,580 | 0.4 | $284 |
| 207XX0005X | Orthopaedic Surgery | Sports Medicine | $26,185,076 | 1.1 | 121,593 | 0.6 | $215 |
| 207XS0106X | Orthopaedic Surgery | Hand Surgery | $25,674,763 | 1.1 | 150,732 | 0.7 | $170 |
| 2084P0800X | Psychiatry & Neurology | Psychiatry | $24,819,206 | 1.0 | 62,857 | 0.3 | $395 |
| 207L00000X | Anesthesiology |  | $24,753,747 | 1.0 | 138,962 | 0.6 | $178 |
| 251E00000X | Home Health |  | $23,666,922 | 1.0 | 65,871 | 0.3 | $359 |
| 207LP2900X | Anesthesiology | Pain Medicine | $22,968,487 | 0.9 | 157,995 | 0.7 | $145 |
| 2084N0400X | Psychiatry & Neurology | Neurology | $21,914,117 | 0.9 | 93,690 | 0.4 | $234 |
| 171R00000X | Interpreter |  | $21,436,557 | 0.9 | 185,501 | 0.8 | $116 |
| 103T00000X | Psychologist |  | $21,237,756 | 0.9 | 82,735 | 0.4 | $257 |
| 261QU0200X | Clinic/Center | Urgent Care | $20,364,706 | 0.8 | 262,542 | 1.2 | $78 |
| 2081P2900X | Physical Medicine & Rehabilitation | Pain Medicine | $20,305,409 | 0.8 | 127,337 | 0.6 | $159 |
| 208VP0000X | Pain Medicine | Pain Medicine | $19,355,210 | 0.8 | 122,058 | 0.6 | $159 |
| 208VP0014X | Pain Medicine | Interventional Pain Medicine | $17,657,786 | 0.7 | 114,373 | 0.5 | $154 |
| 193200000X | Multi-Specialty |  | $16,574,916 | 0.7 | 143,110 | 0.7 | $116 |
| 225X00000X | Occupational Therapist |  | $14,296,907 | 0.6 | 343,415 | 1.6 | $42 |
| 122300000X | Dentist |  | $13,150,906 | 0.5 | 20,676 | 0.1 | $636 |
| 207T00000X | Neurological Surgery |  | $13,139,657 | 0.5 | 38,961 | 0.2 | $337 |
| 103TC0700X | Psychologist | Clinical | $12,786,494 | 0.5 | 72,128 | 0.3 | $177 |
| 193400000X | Single Specialty |  | $11,526,438 | 0.5 | 49,531 | 0.2 | $233 |
| 314000000X | Skilled Nursing Facility |  | $11,471,591 | 0.5 | 12,911 | 0.1 | $889 |
| 3336M0002X | Pharmacy | Mail Order Pharmacy | $10,079,294 | 0.4 | 66,145 | 0.3 | $152 |
| 291U00000X | Clinical Medical Laboratory |  | $9,775,086 | 0.4 | 197,373 | 0.9 | $50 |
| 343900000X | Non-emergency Medical Transport (VAN) |  | $9,294,861 | 0.4 | 94,378 | 0.4 | $98 |
| 390200000X | Student in an Organized Health Care Education/Training Program |  | $9,109,404 | 0.4 | 70,333 | 0.3 | $130 |
| 207RC0000X | Internal Medicine | Cardiovascular Disease | $8,406,131 | 0.3 | 41,931 | 0.2 | $200 |
| 204D00000X | Neuromusculoskeletal Medicine & OMM |  | $8,002,152 | 0.3 | 64,450 | 0.3 | $124 |
| 363AM0700X | Physician Assistant | Medical | $7,632,682 | 0.3 | 107,126 | 0.5 | $71 |
| 213E00000X | Podiatrist |  | $7,556,273 | 0.3 | 62,659 | 0.3 | $121 |
| 208200000X | Plastic Surgery |  | $7,380,731 | 0.3 | 29,257 | 0.1 | $252 |
| All Others | All others |  | $290,875,940 | 11.9 | 2,216,376 | 10.1 |  |

Table : Top 50 Provider Taxonomy by percent paid – 2019

| Taxonomy | Classification | Specialization | Total Paid | % Paid | Bill Count | % of Bills | Avg. Paid |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 207X00000X | Orthopaedic Surgery |  | $250,516,566 | 10.1 | 1,169,208 | 5.4 | $214 |
| 225100000X | Physical Therapist |  | $247,042,964 | 9.9 | 5,496,785 | 25.6 | $45 |
| 282N00000X | General Acute Care Hospital |  | $183,404,216 | 7.4 | 403,001 | 1.9 | $455 |
| 208D00000X | General Practice |  | $109,093,650 | 4.4 | 840,250 | 3.9 | $130 |
| 174400000X | Specialist |  | $92,174,466 | 3.7 | 587,439 | 2.7 | $157 |
| 2083X0100X | Preventive Medicine | Occupational Medicine | $87,439,454 | 3.5 | 1,087,371 | 5.1 | $80 |
| 332B00000X | Durable Medical Equipment & Medical Supplies |  | $70,240,928 | 2.8 | 327,832 | 1.5 | $214 |
| 261QA1903X | Clinic/Center | Ambulatory Surgical | $68,609,863 | 2.8 | 50,321 | 0.2 | $1,363 |
| 207R00000X | Internal Medicine |  | $63,985,371 | 2.6 | 417,181 | 1.9 | $153 |
| 208100000X | Physical Medicine & Rehabilitation |  | $62,454,129 | 2.5 | 470,740 | 2.2 | $133 |
| 363A00000X | Physician Assistant |  | $53,641,134 | 2.2 | 801,328 | 3.7 | $67 |
| 207Q00000X | Family Medicine |  | $52,996,848 | 2.1 | 606,321 | 2.8 | $87 |
| 111N00000X | Chiropractor |  | $49,789,344 | 2.0 | 960,365 | 4.5 | $52 |
| 261QM1300X | Clinic/Center | Multi-Specialty | $49,276,803 | 2.0 | 394,054 | 1.8 | $125 |
| 2085R0202X | Radiology | Diagnostic Radiology | $46,878,116 | 1.9 | 303,814 | 1.4 | $154 |
| 333600000X | Pharmacy |  | $46,003,251 | 1.9 | 495,934 | 2.3 | $93 |
| 207P00000X | Emergency Medicine |  | $41,772,785 | 1.7 | 299,107 | 1.4 | $140 |
| 171100000X | Acupuncturist |  | $37,002,572 | 1.5 | 900,258 | 4.2 | $41 |
| 193200000X | Multi-Specialty |  | $35,972,449 | 1.4 | 334,837 | 1.6 | $107 |
| 207XS0117X | Orthopaedic Surgery | Orthopaedic Surgery of the Spine | $29,918,424 | 1.2 | 118,361 | 0.6 | $253 |
| 171R00000X | Interpreter |  | $29,346,116 | 1.2 | 259,564 | 1.2 | $113 |
| 208600000X | Surgery |  | $27,608,608 | 1.1 | 82,639 | 0.4 | $334 |
| 3336C0003X | Pharmacy | Community/Retail Pharmacy | $26,890,027 | 1.1 | 277,712 | 1.3 | $97 |
| 207XS0106X | Orthopaedic Surgery | Hand Surgery | $25,148,375 | 1.0 | 137,549 | 0.6 | $183 |
| 207XX0005X | Orthopaedic Surgery | Sports Medicine | $24,846,181 | 1.0 | 111,957 | 0.5 | $222 |
| 2084P0800X | Psychiatry & Neurology | Psychiatry | $24,589,553 | 1.0 | 61,777 | 0.3 | $398 |
| 207LP2900X | Anesthesiology | Pain Medicine | $23,995,238 | 1.0 | 150,115 | 0.7 | $160 |
| 207L00000X | Anesthesiology |  | $23,225,540 | 0.9 | 119,734 | 0.6 | $194 |
| 103T00000X | Psychologist |  | $23,194,915 | 0.9 | 95,839 | 0.4 | $242 |
| 2084N0400X | Psychiatry & Neurology | Neurology | $22,822,336 | 0.9 | 96,490 | 0.4 | $237 |
| 251E00000X | Home Health |  | $21,267,080 | 0.9 | 57,127 | 0.3 | $372 |
| 208VP0000X | Pain Medicine | Pain Medicine | $21,145,423 | 0.9 | 117,803 | 0.5 | $179 |
| 208VP0014X | Pain Medicine | Interventional Pain Medicine | $20,603,208 | 0.8 | 127,686 | 0.6 | $161 |
| 2081P2900X | Physical Medicine & Rehabilitation | Pain Medicine | $19,455,365 | 0.8 | 125,043 | 0.6 | $156 |
| 261QX0100X | Clinic/Center | Occupational Medicine | $19,357,167 | 0.8 | 283,658 | 1.3 | $68 |
| 122300000X | Dentist |  | $15,878,168 | 0.6 | 24,390 | 0.1 | $651 |
| 225X00000X | Occupational Therapist |  | $15,434,581 | 0.6 | 343,867 | 1.6 | $45 |
| 103TC0700X | Psychologist | Clinical | $14,564,253 | 0.6 | 85,897 | 0.4 | $170 |
| 193400000X | Single Specialty |  | $13,785,547 | 0.6 | 53,146 | 0.2 | $259 |
| 207T00000X | Neurological Surgery |  | $13,221,078 | 0.5 | 32,564 | 0.2 | $406 |
| 204D00000X | Neuromusculoskeletal Medicine & OMM |  | $11,252,591 | 0.5 | 97,138 | 0.5 | $116 |
| 314000000X | Skilled Nursing Facility |  | $10,447,932 | 0.4 | 12,486 | 0.1 | $837 |
| 343900000X | Non-emergency Medical Transport (VAN) |  | $9,610,875 | 0.4 | 91,508 | 0.4 | $105 |
| 207RC0000X | Internal Medicine | Cardiovascular Disease | $9,249,668 | 0.4 | 40,269 | 0.2 | $230 |
| 390200000X | Student in an Organized Health Care Education/Training Program |  | $9,011,243 | 0.4 | 64,366 | 0.3 | $140 |
| 1223G0001X | Dentist | General Practice | $8,825,875 | 0.4 | 32,497 | 0.2 | $272 |
| 291U00000X | Clinical Medical Laboratory |  | $8,207,283 | 0.3 | 168,271 | 0.8 | $49 |
| 213E00000X | Podiatrist |  | $8,136,015 | 0.3 | 66,619 | 0.3 | $122 |
| 363L00000X | Nurse Practitioner |  | $8,117,668 | 0.3 | 116,083 | 0.5 | $70 |
| 261QU0200X | Clinic/Center | Urgent Care | $7,463,689 | 0.3 | 97,321 | 0.5 | $77 |
| All Others |  |  | $289,167,467 |  | 2,016,862 |  |  |

## Provider Count

The NPI information collected in WCIS was cross walked with the NPI database created by CMS. The NPI database has multiple taxonomy codes for providers. The table below uses the primary specialty code reported by the provider for each provider NPI reported to WCIS.

Table : Provider Count by Specialty Classification and Year of Service

| 2017  Classification | 2017  Count | 2018  Classification | 2018  Count | 2019  Classification | 2019  Count |
| --- | --- | --- | --- | --- | --- |
| Internal Medicine | 9,093 | Internal Medicine | 9,177 | Internal Medicine | 8,998 |
| Physical Therapist | 6,094 | Physical Therapist | 6,266 | Physical Therapist | 6,443 |
| Emergency Medicine | 4,557 | Emergency Medicine | 4,615 | Emergency Medicine | 4,578 |
| Family Medicine | 4,318 | Family Medicine | 4,276 | Anesthesiology | 4,208 |
| Anesthesiology | 4,246 | Anesthesiology | 4,258 | Family Medicine | 4,041 |
| Chiropractor | 3,405 | Physician Assistant | 3,576 | Physician Assistant | 3,634 |
| Physician Assistant | 3,341 | Radiology | 3,330 | Radiology | 3,345 |
| Radiology | 3,312 | Chiropractor | 3,311 | Chiropractor | 3,189 |
| Durable Medical Equipment & Medical Supplies | 3,253 | Durable Medical Equipment & Medical Supplies | 3,203 | Durable Medical Equipment & Medical Supplies | 3,114 |
| Orthopaedic Surgery | 2,760 | Orthopaedic Surgery | 2,758 | Orthopaedic Surgery | 2,698 |
| Pharmacy | 2,482 | Pharmacy | 2,497 | Pharmacy | 2,401 |
| Clinic/Center | 1,982 | Acupuncturist | 1,899 | Student in an Organized Health Care Education/Training Program | 2,247 |
| Specialist | 1,864 | Nurse Practitioner | 1,891 | Acupuncturist | 1,970 |
| Acupuncturist | 1,826 | Clinic/Center | 1,829 | Nurse Practitioner | 1,897 |
| Dentist | 1,752 | Student in an Organized Health Care Education/Training Program | 1,814 | Clinic/Center | 1,812 |
| Surgery | 1,702 | Dentist | 1,782 | Dentist | 1,807 |
| Nurse Practitioner | 1,622 | Specialist | 1,743 | Surgery | 1,686 |
| Psychiatry & Neurology | 1,521 | Surgery | 1,714 | Specialist | 1,648 |
| Student in an Organized Health Care Education/Training Program | 1,467 | Psychiatry & Neurology | 1,454 | Psychiatry & Neurology | 1,333 |
| Ophthalmology | 1,136 | Ophthalmology | 1,150 | Ophthalmology | 1,109 |
| Psychologist | 980 | Physical Medicine & Rehabilitation | 960 | Physical Medicine & Rehabilitation | 966 |
| Physical Medicine & Rehabilitation | 961 | Psychologist | 955 | Nurse Anesthetist, Certified Registered | 951 |
| Podiatrist | 919 | Podiatrist | 909 | Psychologist | 916 |
| Pathology | 901 | Pathology | 891 | Podiatrist | 888 |
| Nurse Anesthetist, Certified Registered | 772 | Nurse Anesthetist, Certified Registered | 871 | Pathology | 861 |
| Occupational Therapist | 610 | Occupational Therapist | 630 | Occupational Therapist | 717 |
| Hospitalist | 581 | Hospitalist | 567 | Hospitalist | 626 |
| General Acute Care Hospital | 510 | General Acute Care Hospital | 520 | General Acute Care Hospital | 492 |
| Neurological Surgery | 498 | Otolaryngology | 480 | Registered Nurse | 473 |
| Otolaryngology | 477 | Neurological Surgery | 468 | Optometrist | 462 |
| Optometrist | 456 | Dermatology | 455 | Neurological Surgery | 447 |
| Dermatology | 438 | Optometrist | 454 | Otolaryngology | 440 |
| Registered Nurse | 408 | Registered Nurse | 452 | Dermatology | 432 |
| General Practice | 368 | Preventive Medicine | 365 | Urology | 347 |
| Preventive Medicine | 358 | Urology | 335 | General Practice | 335 |
| Urology | 343 | General Practice | 334 | Preventive Medicine | 327 |
| Plastic Surgery | 295 | Plastic Surgery | 286 | Plastic Surgery | 260 |
| Marriage & Family Therapist | 275 | Obstetrics & Gynecology | 269 | Obstetrics & Gynecology | 254 |
| Ambulance | 264 | Ambulance | 259 | Ambulance | 252 |
| Obstetrics & Gynecology | 257 | Marriage & Family Therapist | 241 | Audiologist | 248 |
| Home Health | 252 | Audiologist | 230 | Marriage & Family Therapist | 246 |
| Audiologist | 249 | Home Health | 229 | Home Health | 240 |
| Clinical Medical Laboratory | 246 | Pediatrics | 226 | Pediatrics | 215 |
| Pediatrics | 227 | Clinical Medical Laboratory | 224 | Pain Medicine | 213 |
| Pain Medicine | 216 | Pain Medicine | 213 | Clinical Medical Laboratory | 200 |
| Social Worker | 191 | Social Worker | 183 | Social Worker | 193 |
| Pharmacist | 175 | Pharmacist | 175 | Counselor | 175 |
| Counselor | 166 | Counselor | 161 | Pharmacist | 158 |
| Prosthetic/Orthotic Supplier | 141 | Prosthetic/Orthotic Supplier | 143 | Physical Therapy Assistant | 156 |
| Clinical Neuropsychologist | 132 | Clinical Neuropsychologist | 130 | Prosthetic/Orthotic Supplier | 140 |
| Skilled Nursing Facility | 132 | Neuromusculoskeletal Medicine & OMM | 128 | Thoracic Surgery (Cardiothoracic Vascular Surgery) | 127 |
| Neuromusculoskeletal Medicine & OMM | 115 | Thoracic Surgery (Cardiothoracic Vascular Surgery) | 127 | Neuromusculoskeletal Medicine & OMM | 119 |
| Nuclear Medicine | 105 | Physical Therapy Assistant | 123 | Nuclear Medicine | 113 |
| Thoracic Surgery (Cardiothoracic Vascular Surgery) | 102 | Nuclear Medicine | 114 | Skilled Nursing Facility | 112 |
| Allergy & Immunology | 98 | Skilled Nursing Facility | 105 | Clinical Neuropsychologist | 110 |
| Audiologist-Hearing Aid Fitter | 84 | Audiologist-Hearing Aid Fitter | 102 | Audiologist-Hearing Aid Fitter | 100 |
| Hearing Instrument Specialist | 79 | Allergy & Immunology | 89 | Allergy & Immunology | 91 |
| Speech-Language Pathologist | 75 | Speech-Language Pathologist | 81 | Speech-Language Pathologist | 89 |
| Physical Therapy Assistant | 74 | Hearing Instrument Specialist | 59 | Massage Therapist | 66 |
| Legal Medicine | 68 | Legal Medicine | 51 | Hearing Instrument Specialist | 65 |
| Neuromusculoskeletal Medicine, Sports Medicine | 52 | Neuromusculoskeletal Medicine, Sports Medicine | 49 | Legal Medicine | 50 |
| Interpreter | 48 | Interpreter | 45 | In Home Supportive Care | 43 |
| Radiologic Technologist | 47 | Massage Therapist | 44 | Rehabilitation Unit | 43 |
| Personal Emergency Response Attendant | 41 | Radiologic Technologist | 43 | Neuromusculoskeletal Medicine, Sports Medicine | 41 |
| Health Maintenance Organization | 39 | Personal Emergency Response Attendant | 38 | Interpreter | 40 |
| Rehabilitation Unit | 37 | Rehabilitation Unit | 38 | Radiologic Technologist | 40 |
| Non-Pharmacy Dispensing Site | 36 | In Home Supportive Care | 33 | Personal Emergency Response Attendant | 35 |
| In Home Supportive Care | 33 | Health Maintenance Organization | 32 | Clinical Nurse Specialist | 34 |
| Specialist/Technologist, Other | 32 | Clinical Nurse Specialist | 29 | Health Maintenance Organization | 34 |
| Clinical Nurse Specialist | 31 | Preferred Provider Organization | 27 | Specialist/Technologist, Other | 33 |
| Preferred Provider Organization | 29 | Non-Pharmacy Dispensing Site | 26 | Non-emergency Medical Transport (VAN) | 26 |
| Colon & Rectal Surgery | 27 | Specialist/Technologist | 26 | Preferred Provider Organization | 26 |
| Rehabilitation Practitioner | 27 | Specialist/Technologist, Other | 26 | Case Manager/Care Coordinator | 25 |
| Massage Therapist | 22 | Colon & Rectal Surgery | 23 | Oral & Maxillofacial Surgery | 25 |
| Psychiatric Unit | 21 | Rehabilitation Practitioner | 23 | Behavior Technician | 24 |
| Dietitian, Registered | 19 | Dietitian, Registered | 20 | Colon & Rectal Surgery | 24 |
| Rehabilitation Hospital | 19 | Psychiatric Unit | 19 | Dietitian, Registered | 23 |
| Orthotist | 18 | Occupational Therapy Assistant | 18 | Rehabilitation Practitioner | 22 |
| Contractor | 17 | Orthotist | 18 | Occupational Therapy Assistant | 21 |
| Licensed Vocational Nurse | 17 | Case Manager/Care Coordinator | 17 | Orthotist | 19 |
| Case Management | 16 | Oral & Maxillofacial Surgery | 17 | Psychiatric Unit | 19 |
| Non-emergency Medical Transport (VAN) | 16 | Physiological Laboratory | 17 | Specialist/Technologist | 19 |
| Transplant Surgery | 16 | Transplant Surgery | 17 | Rehabilitation Hospital | 18 |
| Oral & Maxillofacial Surgery | 15 | Community/Behavioral Health | 16 | Transplant Surgery | 18 |
| Physiological Laboratory | 15 | Non-emergency Medical Transport (VAN) | 16 | Hearing Aid Equipment | 16 |
| Specialist/Technologist | 15 | Emergency Medical Technician, Paramedic | 15 | Non-Pharmacy Dispensing Site | 16 |
| Case Manager/Care Coordinator | 14 | Hearing Aid Equipment | 15 | Physiological Laboratory | 15 |
| Hearing Aid Equipment | 14 | Military Health Care Provider | 15 | Case Management | 14 |
| Hospice Care, Community Based | 14 | Psychiatric Hospital | 15 | Hospice Care, Community Based | 14 |
| Long Term Care Hospital | 14 | Rehabilitation Hospital | 15 | Military Health Care Provider | 14 |
| Psychiatric Hospital | 14 | Case Management | 13 | Psychiatric Hospital | 14 |
| Technician/Technologist | 13 | Contractor | 13 | Contractor | 13 |
| Emergency Medical Technician, Paramedic | 12 | Prosthetist | 13 | Emergency Medical Technician, Paramedic | 13 |
| Home Infusion | 12 | Hospice Care, Community Based | 12 | Community/Behavioral Health | 12 |
| Prosthetist | 12 | Long Term Care Hospital | 12 | Home Infusion | 12 |
| Community/Behavioral Health | 11 | Orthotic Fitter | 12 | Licensed Vocational Nurse | 12 |
| Occupational Therapy Assistant | 11 | Home Infusion | 11 | Prosthetist | 12 |
| Orthotic Fitter | 11 | Licensed Practical Nurse | 11 | Long Term Care Hospital | 11 |
| Technician, Other | 11 | Technician/Technologist | 11 | Naturopath | 11 |
| Independent Medical Examiner | 10 | Portable X-ray and/or Other Portable Diagnostic Imaging Supplier | 10 | Behavior Analyst | 10 |
| Military Health Care Provider | 10 | Behavior Analyst | 9 | Independent Medical Examiner | 10 |
| Behavior Analyst | 9 | Independent Medical Examiner | 9 | Orthotic Fitter | 10 |
| Exclusive Provider Organization | 9 | Licensed Vocational Nurse | 9 | Technician, Other | 9 |
| Portable X-ray and/or Other Portable Diagnostic Imaging Supplier | 9 | Technician, Other | 9 | Licensed Practical Nurse | 8 |
| Electrodiagnostic Medicine | 8 | Behavior Technician | 8 | Portable X-ray and/or Other Portable Diagnostic Imaging Supplier | 8 |
| Medical Genetics, Ph.D. Medical Genetics | 8 | Electrodiagnostic Medicine | 8 | Technician/Technologist | 8 |
| Naturopath | 8 | Exclusive Provider Organization | 8 | Exclusive Provider Organization | 7 |
| Point of Service | 8 | Naturopath | 8 | Specialist/Technologist, Pathology | 7 |
| Special Hospital | 8 | Point of Service | 8 | Electrodiagnostic Medicine | 6 |
| Specialist/Technologist, Pathology | 8 | Advanced Practice Midwife | 7 | Emergency Medical Technician, Intermediate | 6 |
| Licensed Practical Nurse | 7 | Medical Genetics, Ph.D. Medical Genetics | 7 | Licensed Psychiatric Technician | 6 |
| Psychoanalyst | 7 | Special Hospital | 7 | Medical Genetics, Ph.D. Medical Genetics | 6 |
| Eyewear Supplier | 6 | Specialist/Technologist, Pathology | 7 | Special Hospital | 6 |
| Medicare Defined Swing Bed Unit | 6 | Community Health Worker | 6 | Anesthesiologist Assistant | 5 |
| Nursing Care | 6 | Eyewear Supplier | 6 | Assisted Living Facility | 5 |
| Advanced Practice Midwife | 5 | Nursing Care | 6 | Community Health Worker | 5 |
| Assisted Living Facility | 5 | Medicare Defined Swing Bed Unit | 5 | Medicare Defined Swing Bed Unit | 5 |
| Mechanotherapist | 5 | Rehabilitation Counselor | 5 | Advanced Practice Midwife | 4 |
| Pharmacy Technician | 5 | Anesthesiologist Assistant | 4 | Eyewear Supplier | 4 |
| Private Vehicle | 5 | Assisted Living Facility | 4 | Genetic Counselor, MS | 4 |
| Residential Treatment Facility, Physical Disabilities | 5 | Emergency Medical Technician, Intermediate | 4 | Mechanotherapist | 4 |
| Anesthesiologist Assistant | 4 | Midwife | 4 | Nursing Care | 4 |
| Department of Veterans Affairs (VA) Pharmacy | 4 | Nutritionist | 4 | Nursing Facility/Intermediate Care Facility | 4 |
| Medical Genetics | 4 | Psychoanalyst | 4 | Nutritionist | 4 |
| Rehabilitation Counselor | 4 | Residential Treatment Facility, Physical Disabilities | 4 | Point of Service | 4 |
| Specialist/Technologist Cardiovascular | 4 | Respiratory Therapist, Registered | 4 | Private Vehicle | 4 |
| Substance Abuse Rehabilitation Facility | 4 | Specialist/Technologist Cardiovascular | 4 | Respite Care | 4 |
| Behavior Technician | 3 | Dietary Manager | 3 | Substance Abuse Rehabilitation Facility | 4 |
| Community Health Worker | 3 | Kinesiotherapist | 3 | Dental Assistant | 3 |
| Dental Hygienist | 3 | Mechanotherapist | 3 | Health Educator | 3 |
| Emergency Medical Technician, Intermediate | 3 | Medical Genetics | 3 | Kinesiotherapist | 3 |
| Kinesiotherapist | 3 | Military Hospital | 3 | Midwife | 3 |
| Midwife | 3 | Nursing Facility/Intermediate Care Facility | 3 | Military Hospital | 3 |
| Military Hospital | 3 | Private Vehicle | 3 | Psychoanalyst | 3 |
| Public Health or Welfare | 3 | Respite Care | 3 | Public Health or Welfare | 3 |
| Respiratory Therapist, Certified | 3 | Substance Abuse Rehabilitation Facility | 3 | Rehabilitation Counselor | 3 |
| Respite Care | 3 | Chore Provider | 2 | Residential Treatment Facility, Physical Disabilities | 3 |
| Blood Bank | 2 | Day Training, Developmentally Disabled Services | 2 | Specialist/Technologist Cardiovascular | 3 |
| Chronic Disease Hospital | 2 | Dental Hygienist | 2 | Supports Brokerage | 3 |
| Custodial Care Facility | 2 | Department of Veterans Affairs (VA) Pharmacy | 2 | Dental Laboratory | 2 |
| Dietary Manager | 2 | Emergency Medical Technician, Basic | 2 | Dietary Manager | 2 |
| Driver | 2 | Health Educator | 2 | Homeopath | 2 |
| Genetic Counselor, MS | 2 | Mastectomy Fitter | 2 | Medical Genetics | 2 |
| Intermediate Care Facility, Mentally Retarded | 2 | Pharmacy Technician | 2 | Prevention Professional | 2 |
| Nursing Facility/Intermediate Care Facility | 2 | Phlebology | 2 | Reflexologist | 2 |
| Nutritionist | 2 | Psychiatric Residential Treatment Facility | 2 | Respiratory Therapist, Certified | 2 |
| Phlebology | 2 | Public Health or Welfare | 2 | Adult Companion | 1 |
| Reflexologist | 2 | Residential Treatment Facility, Emotionally Disturbed Children | 2 | Anaplastologist | 1 |
| Respiratory Therapist, Registered | 2 | Respiratory Therapist, Certified | 2 | Assistant Behavior Analyst | 1 |
| Secured Medical Transport (VAN) | 2 | Supports Brokerage | 2 | Chronic Disease Hospital | 1 |
| Supports Brokerage | 2 | Voluntary or Charitable | 2 | Clinical Exercise Physiologist | 1 |
| Adult Companion | 1 | Anaplastologist | 1 | Community Based Residential Treatment Facility, Mental Illness | 1 |
| Chore Provider | 1 | Chronic Disease Hospital | 1 | Custodial Care Facility | 1 |
| Community Based Residential Treatment Facility, Mental Illness | 1 | Clinical Pharmacology | 1 | Day Training, Developmentally Disabled Services | 1 |
| Day Training, Developmentally Disabled Services | 1 | Community Based Residential Treatment Facility, Mental Illness | 1 | Dental Hygienist | 1 |
| Dental Laboratory | 1 | Driver | 1 | Department of Veterans Affairs (VA) Pharmacy | 1 |
| Dental Laboratory Technician | 1 | Emergency Response System Companies | 1 | Dietetic Technician, Registered | 1 |
| Emergency Medical Technician, Basic | 1 | Genetic Counselor, MS | 1 | Doula | 1 |
| Health Educator | 1 | Home Health Aide | 1 | Early Intervention Provider Agency | 1 |
| Home Health Aide | 1 | Homeopath | 1 | Home Health Aide | 1 |
| Homeopath | 1 | Indian Health Service/Tribal/Urban Indian Health (I/T/U) Pharmacy | 1 | Indian Health Service/Tribal/Urban Indian Health (I/T/U) Pharmacy | 1 |
| Indian Health Service/Tribal/Urban Indian Health (I/T/U) Pharmacy | 1 | Military/U.S. Coast Guard Pharmacy | 1 | Mastectomy Fitter | 1 |
| Meals | 1 | Multi-Specialty | 1 | Military/U.S. Coast Guard Pharmacy | 1 |
| Multi-Specialty | 1 | Nurse's Aide | 1 | Music Therapist | 1 |
| Nurse's Aide | 1 | Pedorthist | 1 | Peer Specialist | 1 |
| Peer Specialist | 1 | Peer Specialist | 1 | Pharmacy Technician | 1 |
| Prevention Professional | 1 | Prevention Professional | 1 | Phlebology | 1 |
| Psychiatric Residential Treatment Facility | 1 | Reflexologist | 1 | Psychiatric Residential Treatment Facility | 1 |
| Residential Treatment Facility, Emotionally Disturbed Children | 1 | Residential Treatment Facility, Mental Retardation and/or Developmental Disabilities | 1 | Pulmonary Function Technologist | 1 |
| Residential Treatment Facility, Mental Retardation and/or Developmental Disabilities | 1 | Sleep Specialist, PhD | 1 | Residential Treatment Facility, Emotionally Disturbed Children | 1 |
| Sleep Specialist, PhD | 1 | Specialist/Technologist, Health Information | 1 | Respiratory Therapist, Registered | 1 |
| Specialist/Technologist, Health Information | 1 | Technician, Cardiology | 1 | Secured Medical Transport (VAN) | 1 |
| Technician | 1 | Technician, Pathology | 1 | Sleep Specialist, PhD | 1 |
| Technician, Pathology | 1 | Transportation Broker | 1 | Specialist/Technologist, Health Information | 1 |
| Voluntary or Charitable | 1 | **Grand** | **77,255** | Taxi | 1 |
| Grand | **76,462** |  |  | Technician | 1 |
|  |  |  |  | Technician, Cardiology | 1 |
|  |  |  |  | Technician, Health Information | 1 |
|  |  |  |  | Technician, Pathology | 1 |
|  |  |  |  | **Grand** | **76,932** |

**Appendix I**

CPT codes used for the different service groups are as follows:

**Evaluation and Management All**: between 99201 and 99499

**Evaluation and Management ER**: (99281, 99282, 99283, 9284, 99285)

**Evaluation and Management Office and other outpatient**: (99201, 99202, 99203, 99204, 99205, 99211, 99212, 99213, 99214, 99215, 99241, 99242, 99243, 99244, 99245)

**Major Radiology:** (73221,72148,73721,72141,70450,73218,72125,73718,74177,73222, 72146,72131,73700,70551,70486,71260,73200,74176,73722,72158)

**Minor Radiology:** (73030, 72100, 73110, 73130, 73610, 73562, 73630, 73140, 72110, 72040, 73564, 73560, 73080, 73502, 76942)

**Major Surgery:** ( 20680, 23430, 26055, 27447 ,29805 , 29807 ,29822 , 29823 , 29824,29827, 29828 , 29876, 29877 , 29880 , 29881, 29888, 49505, 63047 , 64718, 64721)

**Minor Surgery:** (64635, 17004, 17000, 64633, 11760, 23700, 63650, 64555,1 2042, 12041)

**Neurological/Neuromuscular testing:** (95904, 95900, 95903, 95860, 95851, 95861, 95934, 95831, 95920, 95852, 95832)

**Physical Medicine:** ( 97140, 97110, 97530, 97112, 97035, 97026, 97032, 97010, 97124, 97162, 97164, 97161, 97012, 97016, 97018, 97014, 97113, 97799, 97033 ). These are the top 20 by volume of physical medicine codes in WCIS.

**Medical Legal Codes:** California has state specific codes ( ML set of codes) for billing medical legal expenses (ML100, ML101, ML102, ML103, ML104, ML105, ML106, ML200, ML201, ML202, ML203, ML205, MLPRR).

1. [California Medical Billing Implementation Guide](http://www.dir.ca.gov/dwc/DWCPropRegs/WCIS-Regulations/Final-regulations/Guides/MedicalCAImplementationGuide-Final.pdf) [↑](#footnote-ref-2)
2. <https://nucc.org/index.php/code-sets-mainmenu-41/provider-taxonomy-mainmenu-40/pdf-mainmenu-53> [↑](#footnote-ref-3)