

Alaska Health Facilities Data Reporting Program 2023 Annual Report



Alaska Department of Health

Division of Public Health

Health Analytics and Vital Records



Alaska Health Facilities Data Reporting Program 2023 Annual Report

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Purpose Of This Report

The Alaska Health Facilities Data Reporting (HFDR) Program 2023 Annual Report contains information about the program and summary information about health conditions and billed charges from inpatient stays, emergency department visits, outpatient surgery procedures, and other outpatient visits. This report provides the public with descriptive statistics about health facility usage in the state of Alaska.

Preparation

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The HFDR Annual Reports and additional publications are available online at:

<https://health.alaska.gov/dph/VitalStats/Pages/data/default.aspx>

The HFDR Program Guidelines are available online at:

<https://health.alaska.gov/dph/VitalStats/Pages/HFDR/default.aspx>

Acknowledgments

Data supplied by hospitals and other health care facilities across the state provide the basis for information presented in this report. We thank them for their participation.

The Hospital Industry Data Institute (HIDI), our data clearinghouse, works with facilities to collect data and returns cleaned and encrypted datasets back to the DOH. We are extremely grateful for their services.

The Alaska Hospital and Healthcare Association (AHHA) (formerly the Alaska State Hospital and Nursing Home Association) (ASHNHA) provides substantial input into the HFDR program, and we are deeply appreciative of their assistance.

HAVRS also extends our gratitude to each person who participates in our data gathering efforts. Accurate data are essential to quality public health decision support in Alaska.

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Executive Summary

Discharge Summary

This section provides a high-level summary of key statistics from the 2023 Health Facilities Data Reporting Program Annual Report. Detailed information about each type of discharge can be found in its respective chapter.

Table 1. Discharges by Characteristic (2023)¹

| Characteristic | Inpatient | Outpatient Emergency | Outpatient Surgery | Outpatient Other | Outpatient Lab or Radiology |
|----------------------|-----------|-------------------------|-----------------------|---------------------|--------------------------------|
| Sex: Male | 27,675 | 133,620 | 41,440 | 211,219 | 157,920 |
| Sex: Female | 33,000 | 151,306 | 47,962 | 311,299 | 259,987 |
| Race: White | 31,158 | 123,226 | 50,776 | 178,141 | 258,624 |
| Race: AI/AN | 17,047 | 103,630 | 13,468 | 293,991 | 94,959 |
| Race: Asian/PI | 3,625 | 17,577 | 3,913 | 10,865 | 20,881 |
| Race: Black | 1,980 | 12,555 | 2,511 | 6,225 | 10,530 |
| Ethnicity: Hispanic | 2,002 | 11,737 | 2,903 | 11,064 | 11,952 |
| Age Group: <15 | 10,130 | 42,620 | 6,147 | 68,085 | 29,072 |
| Age Group: 15-24 | 4,355 | 36,979 | 4,280 | 45,427 | 29,821 |
| Age Group: 25-34 | 8,272 | 46,635 | 6,630 | 64,392 | 45,779 |
| Age Group: 35-44 | 6,306 | 43,010 | 10,526 | 61,438 | 52,454 |
| Age Group: 45-54 | 5,212 | 32,327 | 15,136 | 56,595 | 53,244 |
| Age Group: 55-64 | 7,823 | 34,093 | 19,052 | 76,508 | 71,467 |
| Age Group: 65-74 | 9,492 | 28,680 | 18,840 | 90,447 | 83,625 |
| Age Group: 75+ | 9,089 | 20,613 | 8,977 | 59,692 | 52,514 |
| Payer: Medicare | 18,584 | 50,257 | 24,474 | 145,685 | 127,444 |
| Payer: Medicaid | 19,054 | 112,505 | 15,214 | 144,559 | 78,430 |
| Payer: Commercial | 14,153 | 67,216 | 33,329 | 142,269 | 161,680 |
| Payer: Self Pay | 4,014 | 26,629 | 3,810 | 59,808 | 22,580 |
| Payer: Other | 4,876 | 28,525 | 12,760 | 30,446 | 27,931 |
| Region: Anchorage | 23,824 | 115,857 | 39,235 | 200,604 | 128,012 |
| Region: Gulf Coast | 6,897 | 25,564 | 12,560 | 94,587 | 74,815 |
| Region: Interior | 6,630 | 29,415 | 7,014 | 43,037 | 80,298 |
| Region: Mat-Su | 8,840 | 32,339 | 17,086 | 22,457 | 37,827 |
| Region: Northern | 3,628 | 19,755 | 2,238 | 53,837 | 20,279 |
| Region: Southeast | 4,873 | 22,071 | 7,497 | 33,262 | 48,818 |
| Region: Southwest | 4,610 | 29,902 | 3,465 | 71,916 | 24,274 |
| Region: Out of State | 1,313 | 9,468 | 474 | 2,778 | 3,504 |
| Alaska 2023 | 60,684 | 285,134 | 89,596 | 522,774 | 418,066 |
| Alaska 2022 | 58,506 | 275,568 | 85,252 | 475,483 | 521,311 |
| Alaska 2021 | 57,723 | 244,319 | 84,565 | 529,750 | 651,751 |

¹A discharge (episode of service) is only counted once during the event year even if more than one billing record exists for that same visit or stay.

Table 2. Total Billed Charges by Characteristic (2023)¹

| Characteristic | Inpatient | Outpatient Emergency | Outpatient Surgery | Outpatient Other | Outpatient Lab or Radiology |
|----------------------|-----------------|-------------------------|-----------------------|---------------------|--------------------------------|
| Sex: Male | \$3,040,575,465 | \$728,768,111 | \$1,008,204,259 | \$689,030,132 | \$196,513,501 |
| Sex: Female | \$2,739,936,107 | \$859,855,239 | \$1,089,602,172 | \$880,518,453 | \$292,383,718 |
| Race: White | \$3,269,686,792 | \$805,916,948 | \$1,323,433,861 | \$895,826,362 | \$297,103,824 |
| Race: AI/AN | \$1,324,378,009 | \$461,551,068 | \$241,103,374 | \$477,856,046 | \$121,170,436 |
| Race: Asian/PI | \$375,894,563 | \$104,552,589 | \$73,123,786 | \$67,548,650 | \$21,146,494 |
| Race: Black | \$226,764,651 | \$75,257,871 | \$45,860,806 | \$38,213,307 | \$10,187,272 |
| Ethnicity: Hispanic | \$169,088,315 | \$68,825,658 | \$60,239,748 | \$46,799,566 | \$13,666,869 |
| Age Group: <15 | \$529,361,314 | \$120,635,130 | \$116,945,680 | \$83,838,295 | \$19,127,749 |
| Age Group: 15-24 | \$258,692,998 | \$175,768,242 | \$99,047,544 | \$92,135,302 | \$28,606,118 |
| Age Group: 25-34 | \$485,192,974 | \$247,332,353 | \$154,768,640 | \$136,981,172 | \$48,559,650 |
| Age Group: 35-44 | \$542,273,037 | \$246,767,758 | \$251,984,657 | \$157,880,131 | \$59,830,498 |
| Age Group: 45-54 | \$629,460,429 | \$202,495,148 | \$305,576,458 | \$184,725,369 | \$67,487,333 |
| Age Group: 55-64 | \$1,036,153,304 | \$227,718,625 | \$444,148,802 | \$299,725,740 | \$95,696,522 |
| Age Group: 65-74 | \$1,262,606,738 | \$204,462,473 | \$491,473,080 | \$372,017,370 | \$107,496,857 |
| Age Group: 75+ | \$1,037,257,357 | \$163,477,201 | \$235,450,942 | \$242,362,402 | \$62,153,761 |
| Payer: Medicare | \$2,307,216,971 | \$365,669,875 | \$635,827,083 | \$612,387,573 | \$156,545,076 |
| Payer: Medicaid | \$1,647,495,299 | \$549,456,282 | \$324,258,930 | \$289,260,481 | \$80,123,552 |
| Payer: Commercial | \$1,149,186,260 | \$386,875,760 | \$698,942,782 | \$471,088,407 | \$186,335,992 |
| Payer: Self Pay | \$213,985,238 | \$136,342,851 | \$83,625,194 | \$82,751,431 | \$29,552,565 |
| Payer: Other | \$463,195,268 | \$151,023,545 | \$356,881,252 | \$114,354,386 | \$36,550,646 |
| Region: Anchorage | \$2,725,447,775 | \$724,218,848 | \$884,670,224 | \$533,100,957 | \$145,548,732 |
| Region: Gulf Coast | \$574,536,931 | \$162,076,108 | \$269,536,820 | \$336,907,236 | \$96,350,633 |
| Region: Interior | \$485,954,184 | \$133,928,429 | \$163,473,756 | \$158,343,681 | \$75,329,165 |
| Region: Mat-Su | \$979,765,713 | \$232,878,284 | \$574,494,273 | \$212,206,783 | \$63,686,928 |
| Region: Northern | \$219,549,022 | \$75,692,256 | \$41,128,475 | \$79,363,863 | \$27,629,149 |
| Region: Southeast | \$322,205,553 | \$105,987,793 | \$91,074,479 | \$132,653,045 | \$56,292,155 |
| Region: Southwest | \$326,998,199 | \$95,390,292 | \$61,769,956 | \$99,823,866 | \$20,977,290 |
| Region: Out of State | \$140,776,235 | \$55,260,987 | \$12,887,355 | \$16,774,473 | \$3,004,212 |
| Alaska 2023 | \$5,781,209,742 | \$1,589,375,022 | \$2,099,572,539 | \$1,569,865,511 | \$489,108,769 |
| Alaska 2022 | \$5,307,497,165 | \$1,382,657,293 | \$1,917,846,586 | \$1,401,218,900 | \$465,165,242 |
| Alaska 2021 | \$4,941,882,656 | \$1,177,455,647 | \$1,787,950,034 | \$1,356,335,062 | \$484,784,816 |

¹Billed Charges sum the amounts charged to the primary payer on all billing records, and include covered and non-covered charges.

Figure 1. Inpatient Discharges by Month (2021-2023)

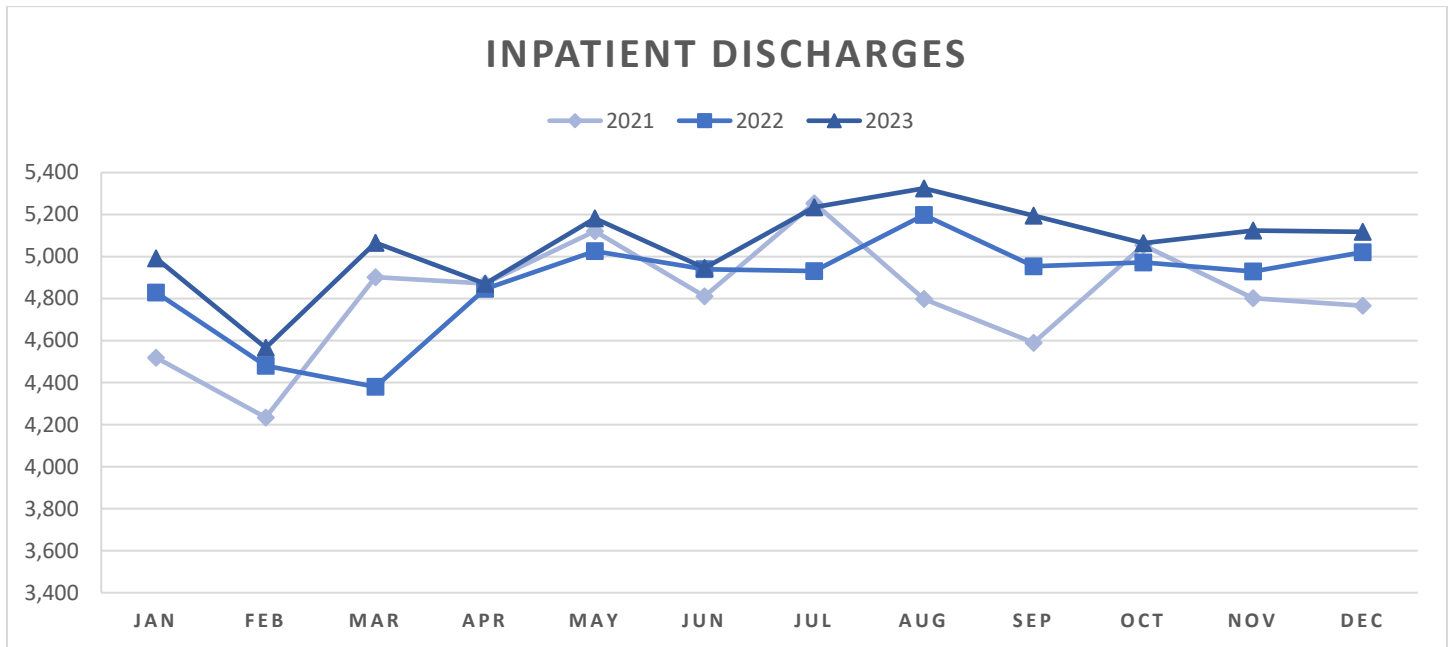


Table 3 Inpatient Discharges by Month (2021-2023)

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2021 | 4,519 | 4,234 | 4,902 | 4,872 | 5,121 | 4,811 | 5,254 | 4,798 | 4,590 | 5,054 | 4,802 | 4,766 |
| 2022 | 4,829 | 4,480 | 4,380 | 4,846 | 5,026 | 4,940 | 4,931 | 5,198 | 4,954 | 4,972 | 4,929 | 5,021 |
| 2023 | 4,992 | 4,566 | 5,066 | 4,871 | 5,182 | 4,946 | 5,235 | 5,325 | 5,195 | 5,064 | 5,124 | 5,118 |

Figure 2. Outpatient Emergency Department Discharges by Month (2021-2023)

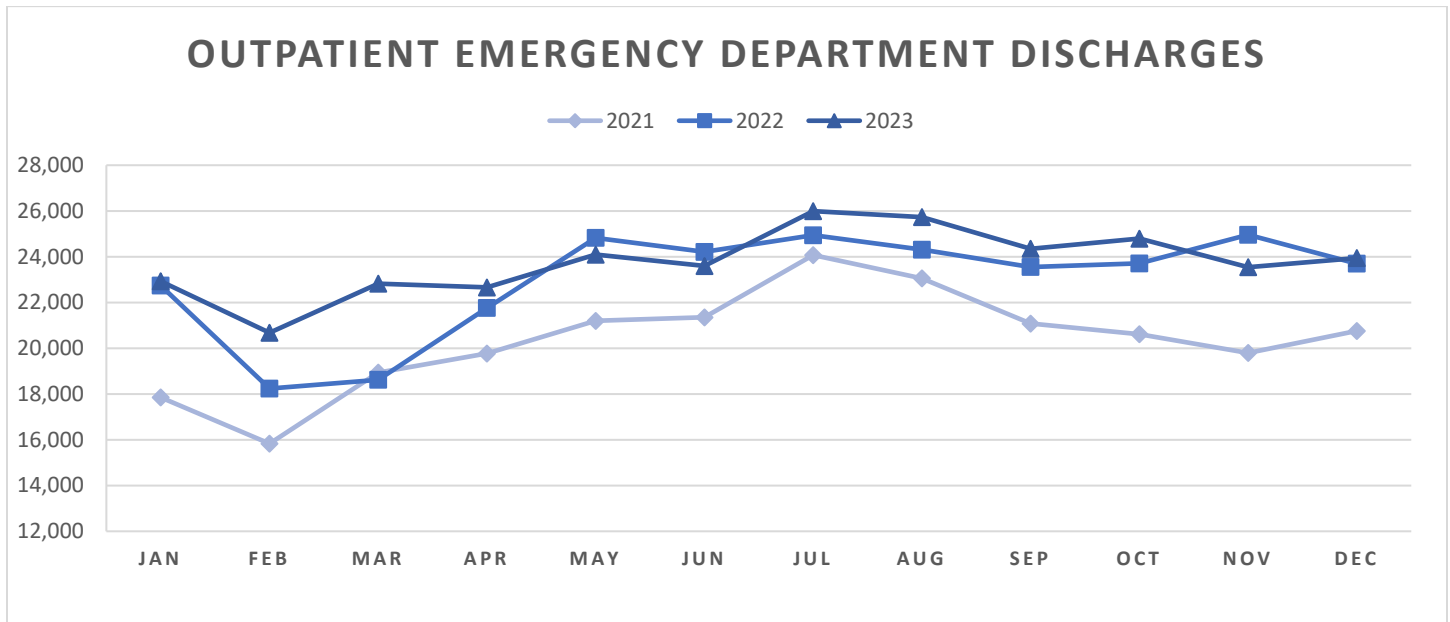


Table 4. Outpatient Emergency Department Discharges by Month (2021-2023)

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2021 | 17,851 | 15,832 | 18,937 | 19,771 | 21,197 | 21,353 | 24,073 | 23,055 | 21,080 | 20,616 | 19,796 | 20,758 |
| 2022 | 22,740 | 18,239 | 18,621 | 21,762 | 24,823 | 24,213 | 24,941 | 24,312 | 23,551 | 23,709 | 24,960 | 23,697 |
| 2023 | 22,928 | 20,678 | 22,825 | 22,660 | 24,093 | 23,597 | 25,993 | 25,732 | 24,349 | 24,793 | 23,543 | 23,943 |

Figure 3. Outpatient All Other Discharges by Month (2021-2023)

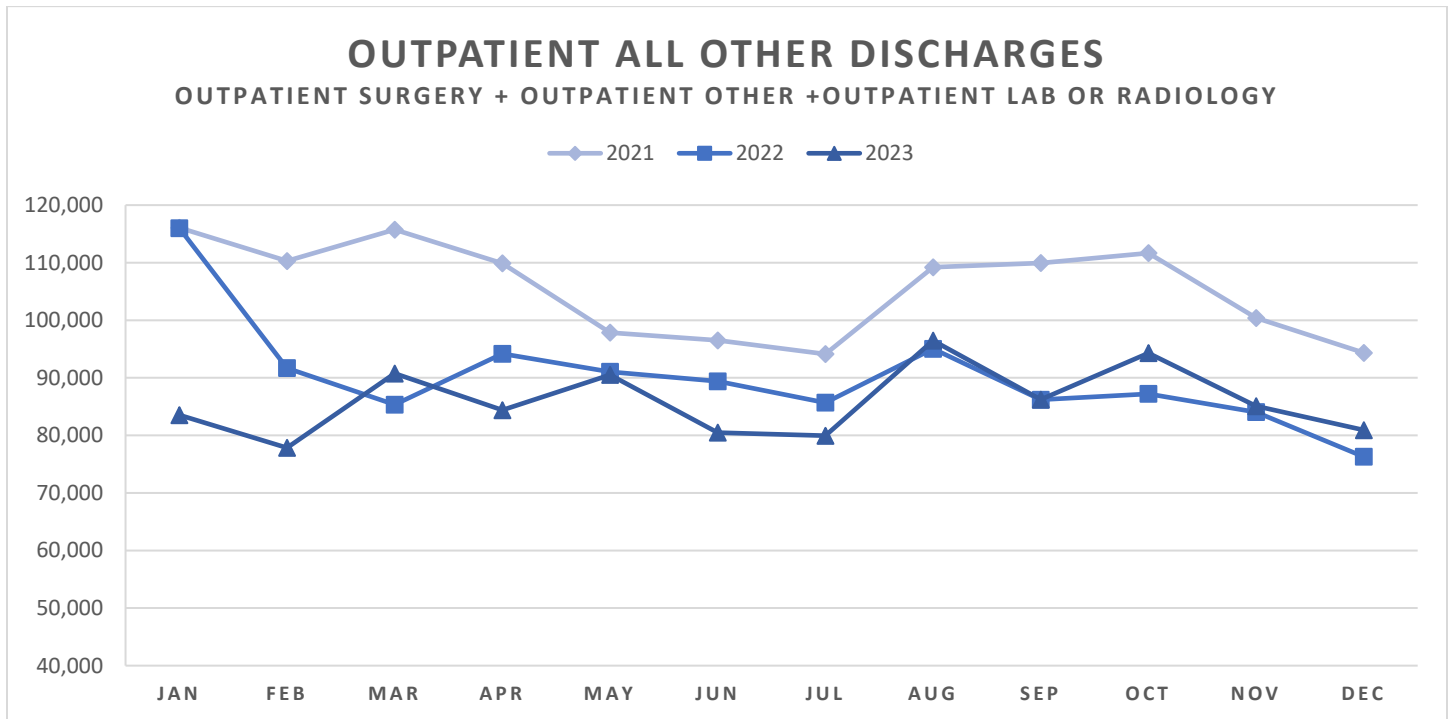


Table 5. Outpatient All Other Visits by Month (2021-2023)

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------|---------|---------|---------|---------|--------|--------|--------|---------|---------|---------|---------|--------|
| 2021 | 116,069 | 110,294 | 115,738 | 109,896 | 97,858 | 96,512 | 94,126 | 109,213 | 109,951 | 111,674 | 100,400 | 94,335 |
| 2022 | 115,993 | 91,688 | 85,330 | 94,171 | 91,039 | 89,393 | 85,679 | 95,033 | 86,188 | 87,206 | 84,043 | 76,283 |
| 2023 | 83,527 | 77,841 | 90,757 | 84,390 | 90,516 | 80,481 | 79,938 | 96,467 | 86,216 | 94,302 | 85,085 | 80,916 |

Introduction

The Data

The Health Facilities Data Reporting (HFDR) program is responsible for the collection of quarterly health facility billing (discharge) data submissions required by Alaska Administrative Code Title 7, Chapter 27, Section 660 ([7 AAC 27.660](#)). This report provides information on the program's management and administration, and summary statistics for discharges occurring during calendar year 2023.

The HFDR program collects inpatient and outpatient discharge data (including emergency department) from private, municipal, state, and federal hospitals (with the exception of two military hospitals: Bassett Army Community Hospital and Joint Base Elmendorf-Richardson Hospital), hospitals operated by Alaska Native organizations, psychiatric hospitals, residential psychiatric treatment centers, intermediate care facilities, and ambulatory surgical facilities. These facilities are listed in Appendix A. The combined data comprise the Alaska HFDR inpatient and outpatient data sets.

Health facilities are required to submit discharge data quarterly to the Alaska Department of Health (DOH) via a contracted third-party data clearinghouse, the [Hospital Industry Data Institute](#) (HIDI), where data are edited for accuracy and quality before being delivered to the HFDR program.

Data reported are from billing records for each hospital discharge and include: coded clinical information such as principal and secondary diagnoses and procedure codes, length of stay, financial information such as billed charges and expected payment source, and patient demographic information, such as age, race, and gender. In an effort to reduce the reporting burden on facilities, the industry-standard [Uniform Billing data format](#) (UB-04) developed by the [National Uniform Billing Committee](#) (NUBC) and electronic transmission are used for data collection and submission.

Program History

The HFDR program, for which reporting is mandatory, is based on its predecessor program, the Hospital Discharge Data System (HDDS), which was established in 2001, and for which reporting was voluntary. HDDS was managed by The Alaska Hospital and Healthcare Association (AHHA) with grant funds from the DOH under formal agreement on data security, confidentiality, and data use. Inpatient data were

collected from 2001-2012 and outpatient data were collected from 2008-2012.

The strengths of the HDDS program and the processes, policies, and procedures developed over the years, led to a robust HFDR framework. The drawback to HDDS was that participation was limited, varying over the years from a low of 11 to a high of 17 out of 25 hospitals submitting data. This precluded whole-state analysis. Additionally, the 32% of hospitals that never reported were mostly rural and small Tribal hospitals.

Regulatory Reporting Requirements

Increasing public and policy-maker interest in health status, healthcare costs, and healthcare quality provided impetus for a more robust data program. Regulations to require reporting under [7 AAC 27.660](#) became effective in December 2014 for discharges occurring in 2015. Under [7 AAC 27.660](#), discharge data reporting is required for facilities that provide Medicaid services subject to [7 AAC 105 –160](#) or are subject to licensure under Alaska Statute [47.32](#) and [7 AAC 12](#). Facilities which are required to report but do not may be referred to the Alaska Division of Health Care Services to determine whether sanctions may be appropriate under Medicaid or Facilities Licensing and Certification Regulations.

Data Collection and Flow

DOH has contracted with HIDI to collect, validate, encrypt, and clean facility data. Facilities upload their data quarterly within 60 days of quarter-end via a secure online portal. HIDI runs edit scripts to validate the data, and facilities are notified of any corrections that are necessary. HIDI's edit process identifies invalid or missing data as well as noting uncommon values and exceptions to logical tests. Facilities have 30 days following the initial submission due date to review the error validation reports and, if necessary, provide corrections to HIDI.

After HIDI processes the reported data and the facilities have made their corrections, datasets are forwarded to the DOH. Program staff import the files into statistical analysis software, calculate new fields to facilitate data analysis, and look for other possible errors or inconsistencies in the data. If issues are identified, staff will work directly with facilities to address the issue, which may include submitting a replacement dataset to HIDI. After this process is complete, datasets are made available for distribution.

Data Purposes

HFDR data are used for public health planning, injury and disease surveillance, health services research, quality assessment and performance improvement activities, community health status assessments, and informing policy deliberations. As a longitudinal dataset, trends can be monitored over time; standardization enables comparison to national benchmarks.

Facilities and AHHA use discharge reporting data for monitoring quantity and quality assessment, market share, re-admissions, and other quality improvement and planning activities.

Participating facilities may request to purchase a copy of the dataset to work with directly and may also request customized analyses from HealthAnalytics@alaska.gov.

DOH has used HFDR data in analyses covering a broad range of public health topics in response to inquiries, such as legislative requests, media requests, grant reporting requirements, and data analysis requests, as well as publishing bulletins and briefs on topics of interest.

Because the datasets contain individual discharge records with billed charges, there is an interest in what these data say about healthcare costs in Alaska. However, it is important to note that billed charges may not reflect what is ultimately paid by patients, commercial insurance companies, Medicaid, Medicare, and other primary payers who ultimately settle bills with the facility.

Data Release

Limited datasets may be released for certain approved purposes under the Health Insurance Portability and Accountability Act of 1996 (HIPAA), provided that a data use agreement is in place between the user and the DOH. Minimum necessary data may be used only for approved public health practice, research, and healthcare operations purposes. Alaska facilities that participate in the HFDR program may request a statewide dataset for healthcare operations purposes if they comply with their required data reporting obligations. The healthcare operations datasets include diagnosis, procedure, patient demographic information, total billed charges, and facility identification numbers, but do not include the charges for each itemized revenue code.

All limited dataset requests must include a signed data use agreement, an explanation of the research or other purpose of the request, and a justification for each

variable requested. Data are transmitted via a secure data transfer service.

The Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP) receives inpatient and outpatient datasets to include in the [National Inpatient Sample](#), a multi-state dataset used for national health services research and policy analysis, and to include in the [Nationwide Emergency Department Sample](#) and the [Nationwide Ambulatory Surgery Sample](#).

Quality Improvement

All Alaska ambulatory surgical centers and non-military hospitals are required to submit discharge data. Most facilities reported data by the quarterly due date, allowing datasets to be extracted within 2-4 weeks following the previous quarter's end.

An important program goal is to balance stakeholder need for timely access to data with data quality. Facilities now largely submit data by the due dates, so the focus has shifted to improving data quality. Responding to HIDI's edit reports will assist facilities towards the goal of less than 5% of records with missing or invalid required fields.

Funding/Program Sustainability

The HFDR program is managed by Alaska Health Analytics and Vital Records Section (HAVRS), which charges fees for special requests for data analysis and datasets to ensure sustainability of the resources required to operate the program. The fees help offset the program costs, which include staff time, computer resources, and the cost of contracted data management

Data Notes

- The unit of analysis for inpatient and emergency department records is the stay or visit. A patient could have multiple inpatient discharges or emergency department visits in a single year, and each of these would count as a separate visit or stay.
- Some visits or stays generate more than one billing record. To summarize discharge counts in this report, only the first bill is counted regardless of the number of billing records for each stay or visit. However, the total billed charges shown in this report are a sum of all the billed amounts for that stay or visit.
- Length of stay is calculated as the sum of all days from date of admission to discharge.
- Primary payer is the first expected payer at the time of the hospital stay or visit.

- The diagnoses codes used are the *International Classification of Disease, Tenth Revision, Clinical Modification*, (ICD-10-CM).
- Four race categories are reported: Caucasian (White); American Indian or Alaska Native (AI/AN); Asian, Native Hawaiian or Other Pacific Islander (Asian/PI); and Black or African American (Black). Individuals can currently only be identified as a single race category. Hispanic/Latino ethnicity is displayed separately and is independent of race (includes peoples of any race).
- Regional reports are summarized by the patient's place of residence and use Alaska Public Health Regions (Appendix B).
- Discharges are grouped based on the principal diagnoses into categories by the US Agency for Healthcare Research and Quality (AHRQ) Healthcare Cost and Utilization Project's (HCUP) Clinical Classification Software Refined (CCSR) categories, unless otherwise noted.
- Outpatient visits include emergency department, outpatient surgery, outpatient observation, radiology, labs, therapies, and other services billed by the facilities.
- Inpatient and outpatient data records contain one principal diagnosis and up to 29 secondary diagnoses; however, the diagnosis tables in this report reflect the principal diagnoses only.
- Outpatient *procedures* are reported in a separate file in which the unit of analysis is the procedure. A single patient visit may have one or more procedures.
- Patient race and ethnicity are not collected directly on the UB-04 form and are instead reported by facilities using other patient records (e.g., admission or new patient forms). Data collection methods and completeness for race-ethnicity items may vary by facility and may not always be self-reported by the patient. For example, Samuel Simmonds Memorial Hospital did not report race or ethnicity data for 2020-2021 and data for 2022 were incomplete. Data by race and ethnicity should be interpreted with caution.

Data Source

Alaska Department of Health, Division of Public Health, Health Analytics and Vital Records Section, Health Facilities Data Reporting Program, 2023v2, 2022v2, 2021v2 datasets.

Limitations

- The UB-04 form, from which much of the HFDR data are derived, was originally developed for facilities to submit billing claims data to Medicare, Medicaid, and other third-party payers to charge for services rendered. Because the primary purpose of the information collected on these forms was intended for administrative billing claims purposes, public health surveillance (i.e., estimating incidence of disease and injury) is a secondary use of these data. Conditions may be underestimated by discharge data because this only includes individuals treated and discharged at health facilities.
- Billed charges used in this report may differ significantly from what is ultimately paid and settled by insurance companies and other payers. It may also not reflect additional charges made by individual clinicians or healthcare service providers (e.g., billed using a CMS 1500 form instead of a UB-04 form).

Inpatient Discharges

Methodology

Diagnoses Aggregation

The medical diagnoses assigned to each hospital discharge are a key criterion in the analysis of health facilities data. Diagnoses are determined by health care facilities as part of their treatment and billing process and are based on codes defined in the *International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM)* manual. While the ICD-10-CM contains codes for thousands of individual diagnoses, these are commonly aggregated into more statistically meaningful categories to facilitate public health analysis.

In this chapter, the AHRQ Clinical Classification Software Refined (CCSR) program is used to aggregate the principal diagnosis ICD-10-CM code into approximately 530 CCSR categories for tabulation of the leading causes of discharge. Examples of the individual ICD-10-CM principal diagnosis codes included in the ranked CCSR categories are provided. Each CCSR category also falls within a major CCSR domain (group) representing one of 21 body systems. This provides a higher-level overview of diagnoses when further aggregation is needed (major CCSR categories are used during analysis of discharges by revenue code in this chapter). The principal diagnosis code is defined in the NUBC billing data specifications manual as “the condition after study to be chiefly responsible for occasioning the admission of the patient for care.” The CCSR does not consider any of the secondary diagnoses in the billing when grouping the principal diagnosis.¹

Procedure Aggregation

Another way to tabulate discharge data is based on the principal procedure. If an ICD-10 Procedure Coding System (ICD-10-PCS) code is assigned to an inpatient record, it can be grouped using the Healthcare Cost and Utilization Project (HCUP) CCSR program into over 320 clinical procedure categories across 31 major domains (groups). Major groups are used for ranking the leading procedures.

Revenue Code Aggregation

Discharges can also be tabulated based on the hospital resources that were utilized and billed. On the itemized portion of the hospital billing record, revenue codes are used on each listing. Revenue codes that begin with the digits 45 used Emergency Room (ER) resources, those that begin with 36 used Operating Room (OR) resources, and those that begin with 20 or 21 used Intensive Care Unit (ICU) resources. A single discharge may have used resources in all three of these categories; therefore, counts by revenue code group are not mutually exclusive.

Data Highlights

- In 2023, there were 60,684 inpatient hospital discharges in Alaska, generating ~\$5.8 billion in billed charges.
- The median billed charge for a hospitalization was \$49,085, with a median stay lasting three days.
- Medicaid was the most common primary payer at 31.4% of hospitalizations, followed by Medicare at 30.6%.
- The top three leading causes of hospitalization by CCSR category were:
 1. *Liveborn infants* (6,949 discharges), with a median charge of \$6,621 and stay of two days.
 2. *Septicemia* (4,601 discharges), with a median charge of \$83,071 and stay of five days.
 3. *Complications specified during childbirth* (1,605 discharges), with a median charge of \$22,712 and stay of two days.
- The most common procedure by major PCS CCSR group was *pregnancy-related procedures* (6,931 discharges). This was the leading procedure for patients ages 15-44 years.
- *Diseases of the circulatory system* was the most common major diagnosis CCSR category for discharges that utilized ER and ICU revenue code resources (16.2% of ER discharges and 25.3% of ICU discharges).

¹ Discharges can also be categorized using alternative diagnoses aggregation methods such as “Diagnosis-Related Groups” (DRG). Statewide and Alaska Public Health Regions top 10 DRG categories are provided in Appendix C for reference.

- There were 1,467 COVID-19 hospitalizations in 2023, down from 3,100 in 2022.
- The average billed charge for an COVID-19 hospitalization in 2023 was \$123,236, or \$187,260 if admitted to the ICU.
- The average length of stay for an COVID-19 hospitalization in 2023 was 9.7 days, or 12.8 if admitted to the ICU.

Hospitalizations by Characteristic

Table 6. All Hospitalizations (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|-----------------|-------------|------------|
| Sex: Male | 27,675 | 45.6% | \$58,390 | \$3,040,575,465 | 3 | 184,722 |
| Sex: Female | 33,000 | 54.4% | \$42,659 | \$2,739,936,107 | 3 | 173,952 |
| Race: White | 31,158 | 51.3% | \$60,029 | \$3,269,686,792 | 3 | 184,639 |
| Race: AI/AN | 17,047 | 28.1% | \$37,666 | \$1,324,378,009 | 3 | 100,995 |
| Race: Asian/PI | 3,625 | 6.0% | \$54,291 | \$375,894,563 | 3 | 20,973 |
| Race: Black | 1,980 | 3.3% | \$62,534 | \$226,764,651 | 3 | 13,882 |
| Ethnicity: Hispanic | 2,002 | 3.3% | \$44,592 | \$169,088,315 | 3 | 10,600 |
| Age Group: <15 | 10,130 | 16.7% | \$9,898 | \$529,361,314 | 2 | 46,481 |
| Age Group: 15-24 | 4,355 | 7.2% | \$31,646 | \$258,692,998 | 3 | 20,958 |
| Age Group: 25-34 | 8,272 | 13.6% | \$33,225 | \$485,192,974 | 2 | 33,263 |
| Age Group: 35-44 | 6,306 | 10.4% | \$46,421 | \$542,273,037 | 3 | 33,079 |
| Age Group: 45-54 | 5,212 | 8.6% | \$68,881 | \$629,460,429 | 3 | 33,319 |
| Age Group: 55-64 | 7,823 | 12.9% | \$76,865 | \$1,036,153,304 | 4 | 53,108 |
| Age Group: 65-74 | 9,492 | 15.6% | \$80,543 | \$1,262,606,738 | 4 | 68,525 |
| Age Group: 75+ | 9,089 | 15.0% | \$73,236 | \$1,037,257,357 | 4 | 69,956 |
| Payer: Medicare | 18,584 | 30.6% | \$76,842 | \$2,307,216,971 | 4 | 138,188 |
| Payer: Medicaid | 19,054 | 31.4% | \$40,854 | \$1,647,495,299 | 3 | 115,373 |
| Payer: Commercial | 14,153 | 23.3% | \$38,590 | \$1,149,186,260 | 2 | 63,190 |
| Payer: Self Pay | 4,014 | 6.6% | \$22,903 | \$213,985,238 | 2 | 15,553 |
| Payer: Other | 4,876 | 8.0% | \$44,588 | \$463,195,268 | 3 | 26,386 |
| Region: Anchorage | 23,824 | 39.3% | \$61,931 | \$2,725,447,775 | 3 | 158,900 |
| Region: Gulf Coast | 6,897 | 11.4% | \$44,940 | \$574,536,931 | 3 | 40,147 |
| Region: Interior | 6,630 | 10.9% | \$38,044 | \$485,954,184 | 3 | 32,937 |
| Region: Mat-Su | 8,840 | 14.6% | \$67,426 | \$979,765,713 | 3 | 46,119 |
| Region: Northern | 3,628 | 6.0% | \$28,047 | \$219,549,022 | 2 | 16,878 |
| Region: Southeast | 4,873 | 8.0% | \$29,149 | \$322,205,553 | 3 | 28,779 |
| Region: Southwest | 4,610 | 7.6% | \$23,129 | \$326,998,199 | 3 | 26,530 |
| Region: Out of State | 1,313 | 2.2% | \$63,242 | \$140,776,235 | 3 | 8,027 |
| Alaska 2023 | 60,684 | 100.0% | \$49,085 | \$5,781,209,742 | 3 | 358,759 |
| Alaska 2022 | 58,506 | - | \$46,194 | \$5,307,497,165 | 3 | 348,565 |
| Alaska 2021 | 57,723 | - | \$43,573 | \$4,941,882,656 | 3 | 342,433 |

Leading Causes of Hospitalization by Characteristic (CCSR Diagnosis Categories)

Table 7. #1: Liveborn Infant (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Male | 3,660 | 52.7% | \$7,325 | \$147,591,124 | 2 | 13,816 |
| Sex: Female | 3,289 | 47.3% | \$5,942 | \$121,087,341 | 2 | 11,809 |
| Race: White | 1,928 | 27.7% | \$5,791 | \$27,782,119 | 2 | 4,388 |
| Race: AI/AN | 1,914 | 27.5% | \$9,239 | \$38,264,160 | 2 | 5,751 |
| Race: Asian/PI | 263 | 3.8% | \$5,982 | \$20,965,651 | 2 | 1,375 |
| Race: Black | 83 | 1.2% | \$7,751 | \$3,644,397 | 2 | 329 |
| Ethnicity: Hispanic | 245 | 3.5% | \$5,973 | \$4,694,804 | 2 | 593 |
| Age Group: <15 | 6,949 | 100.0% | \$6,621 | \$268,678,465 | 2 | 25,625 |
| Payer: Medicaid | 2,062 | 29.7% | \$7,550 | \$132,853,796 | 2 | 10,640 |
| Payer: Commercial | 2,501 | 36.0% | \$5,725 | \$76,656,526 | 2 | 8,019 |
| Payer: Self Pay | 1,565 | 22.5% | \$9,131 | \$28,227,255 | 2 | 3,965 |
| Payer: Other | 821 | 11.8% | \$4,912 | \$30,940,889 | 2 | 3,001 |
| Region: Anchorage | 2,632 | 37.9% | \$7,000 | \$138,240,531 | 2 | 11,564 |
| Region: Gulf Coast | 717 | 10.3% | \$5,331 | \$17,677,387 | 2 | 1,980 |
| Region: Interior | 988 | 14.2% | \$6,350 | \$27,664,474 | 2 | 3,407 |
| Region: Mat-Su | 977 | 14.1% | \$6,882 | \$28,154,467 | 1 | 2,709 |
| Region: Northern | 359 | 5.2% | \$10,313 | \$13,965,795 | 2 | 1,361 |
| Region: Southeast | 541 | 7.8% | \$6,053 | \$14,541,331 | 2 | 1,649 |
| Region: Southwest | 717 | 10.3% | \$6,459 | \$27,599,434 | 2 | 2,887 |
| Region: Out of State | 16 | 0.2% | \$5,951 | \$816,924 | 2 | 65 |
| Alaska 2023 | 6,949 | 100.0% | \$6,621 | \$268,678,465 | 2 | 25,625 |
| Alaska 2022 | 6,889 | - | \$6,341 | \$299,624,703 | 2 | 26,880 |
| Alaska 2021 | 7,014 | - | \$5,784 | \$294,619,821 | 2 | 27,719 |

Table 8. #2: Septicemia (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Male | 2,434 | 52.9% | \$87,755 | \$375,701,587 | 5 | 21,754 |
| Sex: Female | 2,166 | 47.1% | \$78,157 | \$301,617,012 | 5 | 17,134 |
| Race: White | 2,588 | 56.2% | \$85,829 | \$379,841,721 | 5 | 22,088 |
| Race: AI/AN | 1,159 | 25.2% | \$75,987 | \$171,764,894 | 5 | 10,101 |
| Race: Asian/PI | 374 | 8.1% | \$83,458 | \$51,236,649 | 5 | 2,708 |
| Race: Black | 157 | 3.4% | \$104,208 | \$30,547,106 | 6 | 1,755 |
| Ethnicity: Hispanic | 145 | 3.2% | \$77,110 | \$17,323,036 | 4 | 1,007 |
| Age Group: <15 | 68 | 1.5% | \$49,507 | \$7,029,820 | 4 | 394 |
| Age Group: 15-24 | 106 | 2.3% | \$62,764 | \$14,259,344 | 3 | 749 |
| Age Group: 25-34 | 365 | 7.9% | \$68,916 | \$47,821,696 | 4 | 2,421 |
| Age Group: 35-44 | 510 | 11.1% | \$73,471 | \$81,224,821 | 4 | 4,483 |
| Age Group: 45-54 | 579 | 12.6% | \$85,239 | \$100,248,085 | 5 | 5,298 |
| Age Group: 55-64 | 859 | 18.7% | \$91,203 | \$141,214,496 | 5 | 7,502 |
| Age Group: 65-74 | 1,055 | 22.9% | \$89,248 | \$155,247,694 | 5 | 9,146 |
| Age Group: 75+ | 1,058 | 23.0% | \$83,265 | \$130,272,642 | 5 | 8,895 |
| Payer: Medicare | 2,191 | 47.6% | \$86,860 | \$312,470,897 | 5 | 19,624 |
| Payer: Medicaid | 1,332 | 29.0% | \$82,190 | \$213,457,574 | 5 | 11,579 |
| Payer: Commercial | 633 | 13.8% | \$74,297 | \$93,809,456 | 4 | 4,508 |
| Payer: Self Pay | 186 | 4.0% | \$63,589 | \$22,165,461 | 3 | 1,122 |
| Payer: Other | 259 | 5.6% | \$88,116 | \$35,433,703 | 5 | 2,056 |
| Region: Anchorage | 2,228 | 48.4% | \$90,898 | \$363,860,622 | 5 | 21,093 |
| Region: Gulf Coast | 460 | 10.0% | \$61,821 | \$51,282,523 | 4 | 3,540 |
| Region: Interior | 284 | 6.2% | \$73,759 | \$36,444,719 | 4 | 2,123 |
| Region: Mat-Su | 740 | 16.1% | \$99,130 | \$114,112,686 | 5 | 5,248 |
| Region: Northern | 131 | 2.8% | \$72,612 | \$18,239,399 | 5 | 1,061 |
| Region: Southeast | 353 | 7.7% | \$43,161 | \$35,785,951 | 4 | 2,592 |
| Region: Southwest | 242 | 5.3% | \$67,171 | \$34,488,428 | 5 | 2,093 |
| Region: Out of State | 154 | 3.3% | \$71,213 | \$22,471,414 | 5 | 1,094 |
| Alaska 2023 | 4,601 | 100.0% | \$83,071 | \$677,337,091 | 5 | 38,889 |
| Alaska 2022 | 4,257 | - | \$80,505 | \$631,735,709 | 5 | 38,952 |
| Alaska 2021 | 3,892 | - | \$79,708 | \$595,362,460 | 5 | 36,177 |

Table 9. #3: Complications Specified During Childbirth (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Female | 1,605 | 100.0% | \$22,712 | \$42,567,654 | 2 | 3,407 |
| Race: White | 723 | 45.0% | \$26,217 | \$21,236,657 | 2 | 1,529 |
| Race: AI/AN | 578 | 36.0% | \$15,803 | \$11,574,562 | 2 | 1,193 |
| Race: Asian/PI | 134 | 8.3% | \$24,096 | \$4,009,819 | 2 | 286 |
| Race: Black | 35 | 2.2% | \$28,616 | \$1,223,885 | 2 | 94 |
| Ethnicity: Hispanic | 95 | 5.9% | \$26,666 | \$2,911,402 | 2 | 208 |
| Age Group: <15 | 1 | 0.1% | \$18,119 | \$18,119 | 1 | 1 |
| Age Group: 15-24 | 476 | 29.7% | \$21,632 | \$12,372,304 | 2 | 1,047 |
| Age Group: 25-34 | 863 | 53.8% | \$22,937 | \$22,446,485 | 2 | 1,774 |
| Age Group: 35-44 | 261 | 16.3% | \$23,859 | \$7,601,580 | 2 | 579 |
| Age Group: 45-54 | 4 | 0.2% | \$30,313 | \$129,166 | 2 | 6 |
| Payer: Medicare | 6 | 0.4% | \$23,363 | \$177,880 | 2 | 11 |
| Payer: Medicaid | 801 | 49.9% | \$20,846 | \$19,685,839 | 2 | 1,657 |
| Payer: Commercial | 580 | 36.1% | \$24,544 | \$16,795,351 | 2 | 1,262 |
| Payer: Self Pay | 103 | 6.4% | \$21,039 | \$2,685,255 | 2 | 210 |
| Payer: Other | 115 | 7.2% | \$25,172 | \$3,223,328 | 2 | 267 |
| Region: Anchorage | 549 | 34.2% | \$25,942 | \$17,144,677 | 2 | 1,241 |
| Region: Gulf Coast | 184 | 11.5% | \$22,203 | \$4,569,972 | 2 | 357 |
| Region: Interior | 179 | 11.2% | \$19,096 | \$4,577,404 | 2 | 439 |
| Region: Mat-Su | 225 | 14.0% | \$33,221 | \$7,867,515 | 2 | 399 |
| Region: Northern | 114 | 7.1% | \$18,181 | \$2,229,227 | 2 | 207 |
| Region: Southeast | 123 | 7.7% | \$15,690 | \$2,335,852 | 2 | 285 |
| Region: Southwest | 225 | 14.0% | \$9,000 | \$3,724,765 | 2 | 467 |
| Region: Out of State | 6 | 0.4% | \$18,688 | \$118,241 | 2 | 12 |
| Alaska 2023 | 1,605 | 100.0% | \$22,712 | \$42,567,654 | 2 | 3,407 |
| Alaska 2022 | 1,714 | - | \$20,527 | \$41,532,981 | 2 | 3,496 |
| Alaska 2021 | 1,774 | - | \$18,927 | \$41,174,098 | 2 | 3,638 |

Table 10. #4: Heart Failure (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Male | 909 | 64.5% | \$63,487 | \$82,869,843 | 4 | 4,972 |
| Sex: Female | 635 | 45.0% | \$61,216 | \$57,806,859 | 4 | 3,815 |
| Race: White | 869 | 61.6% | \$65,695 | \$85,348,622 | 4 | 4,973 |
| Race: AI/AN | 365 | 25.9% | \$49,986 | \$26,621,466 | 4 | 2,073 |
| Race: Asian/PI | 142 | 10.1% | \$73,498 | \$13,546,531 | 4 | 822 |
| Race: Black | 104 | 7.4% | \$70,595 | \$10,212,042 | 4 | 541 |
| Ethnicity: Hispanic | 30 | 2.1% | \$66,600 | \$2,811,103 | 4 | 132 |
| Age Group: <15 | 7 | 0.5% | \$38,856 | \$253,057 | 2 | 27 |
| Age Group: 15-24 | 5 | 0.4% | \$65,017 | \$455,810 | 5 | 24 |
| Age Group: 25-34 | 45 | 3.2% | \$80,111 | \$4,689,122 | 5 | 338 |
| Age Group: 35-44 | 99 | 7.0% | \$62,763 | \$9,893,349 | 4 | 596 |
| Age Group: 45-54 | 166 | 11.8% | \$65,448 | \$15,567,708 | 4 | 841 |
| Age Group: 55-64 | 275 | 19.5% | \$66,075 | \$24,220,094 | 4 | 1,447 |
| Age Group: 65-74 | 404 | 28.7% | \$61,613 | \$36,867,067 | 4 | 2,159 |
| Age Group: 75+ | 543 | 38.5% | \$59,919 | \$48,730,494 | 4 | 3,355 |
| Payer: Medicare | 928 | 65.8% | \$61,546 | \$84,721,248 | 4 | 5,425 |
| Payer: Medicaid | 357 | 25.3% | \$62,763 | \$30,607,230 | 4 | 1,980 |
| Payer: Commercial | 127 | 9.0% | \$64,866 | \$12,707,869 | 3 | 577 |
| Payer: Self Pay | 34 | 2.4% | \$70,302 | \$3,609,043 | 4 | 226 |
| Payer: Other | 98 | 7.0% | \$62,507 | \$9,031,312 | 4 | 579 |
| Region: Anchorage | 652 | 46.2% | \$74,199 | \$69,109,203 | 4 | 4,232 |
| Region: Gulf Coast | 180 | 12.8% | \$45,082 | \$11,022,033 | 4 | 871 |
| Region: Interior | 134 | 9.5% | \$51,203 | \$9,518,934 | 3 | 613 |
| Region: Mat-Su | 242 | 17.2% | \$87,962 | \$29,096,419 | 4 | 1,216 |
| Region: Northern | 90 | 6.4% | \$39,633 | \$5,021,857 | 3 | 370 |
| Region: Southeast | 125 | 8.9% | \$34,761 | \$7,611,767 | 4 | 820 |
| Region: Southwest | 73 | 5.2% | \$32,786 | \$5,385,630 | 5 | 463 |
| Region: Out of State | 47 | 3.3% | \$60,053 | \$3,697,498 | 3 | 191 |
| Alaska 2023 | 1,544 | 109.5% | \$62,398 | \$140,676,702 | 4 | 8,787 |
| Alaska 2022 | 1,410 | - | \$59,850 | \$122,725,629 | 4 | 8,468 |
| Alaska 2021 | 1,317 | - | \$58,142 | \$112,107,394 | 4 | 8,325 |

Table 11. #5: Alcohol-Related Disorders (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Male | 866 | 59.4% | \$37,275 | \$45,483,592 | 3 | 5,029 |
| Sex: Female | 592 | 40.6% | \$36,350 | \$29,062,582 | 3 | 3,009 |
| Race: White | 538 | 36.9% | \$43,071 | \$30,243,275 | 3 | 3,718 |
| Race: AI/AN | 751 | 51.5% | \$33,915 | \$36,616,190 | 3 | 3,146 |
| Race: Asian/PI | 9 | 0.6% | \$46,363 | \$375,399 | 3 | 37 |
| Race: Black | 22 | 1.5% | \$41,270 | \$1,184,933 | 4 | 165 |
| Ethnicity: Hispanic | 44 | 3.0% | \$28,354 | \$1,508,365 | 2 | 173 |
| Age Group: 15-24 | 71 | 4.9% | \$24,800 | \$2,285,423 | 2 | 396 |
| Age Group: 25-34 | 316 | 21.7% | \$34,261 | \$14,895,179 | 3 | 1,697 |
| Age Group: 35-44 | 463 | 31.8% | \$35,341 | \$22,066,841 | 3 | 2,421 |
| Age Group: 45-54 | 273 | 18.7% | \$35,892 | \$14,639,343 | 3 | 1,353 |
| Age Group: 55-64 | 212 | 14.5% | \$41,929 | \$11,741,459 | 3 | 1,291 |
| Age Group: 65-74 | 111 | 7.6% | \$52,426 | \$8,150,209 | 4 | 800 |
| Age Group: 75+ | 12 | 0.8% | \$46,740 | \$767,720 | 5 | 80 |
| Payer: Medicare | 148 | 10.2% | \$53,228 | \$10,334,799 | 4 | 980 |
| Payer: Medicaid | 893 | 61.2% | \$35,344 | \$44,500,313 | 3 | 4,535 |
| Payer: Commercial | 198 | 13.6% | \$37,519 | \$9,610,162 | 3 | 1,256 |
| Payer: Self Pay | 130 | 8.9% | \$28,102 | \$4,545,015 | 2 | 355 |
| Payer: Other | 89 | 6.1% | \$47,247 | \$5,555,885 | 4 | 912 |
| Region: Anchorage | 612 | 42.0% | \$46,808 | \$36,814,343 | 4 | 3,925 |
| Region: Gulf Coast | 107 | 7.3% | \$34,100 | \$5,269,442 | 3 | 541 |
| Region: Interior | 99 | 6.8% | \$38,307 | \$4,954,299 | 3 | 507 |
| Region: Mat-Su | 143 | 9.8% | \$53,815 | \$9,179,417 | 4 | 982 |
| Region: Northern | 177 | 12.1% | \$27,035 | \$7,239,441 | 2 | 614 |
| Region: Southeast | 219 | 15.0% | \$21,261 | \$6,529,244 | 3 | 807 |
| Region: Southwest | 69 | 4.7% | \$20,351 | \$2,705,109 | 3 | 352 |
| Region: Out of State | 30 | 2.1% | \$36,947 | \$1,807,835 | 3 | 302 |
| Alaska 2023 | 1,458 | 100.0% | \$37,200 | \$74,546,173 | 3 | 8,038 |
| Alaska 2022 | 1,397 | - | \$36,318 | \$73,265,487 | 3 | 7,974 |
| Alaska 2021 | 1,286 | - | \$33,808 | \$63,297,433 | 3 | 6,931 |

Table 12. #6: Depressive Disorders (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Male | 492 | 38.4% | \$42,798 | \$29,922,175 | 6 | 4,122 |
| Sex: Female | 789 | 61.6% | \$46,500 | \$52,162,660 | 7 | 7,380 |
| Race: White | 594 | 46.4% | \$55,592 | \$43,654,725 | 7 | 5,825 |
| Race: AI/AN | 528 | 41.2% | \$33,614 | \$28,924,870 | 5 | 4,059 |
| Race: Asian/PI | 28 | 2.2% | \$38,906 | \$1,762,081 | 5 | 261 |
| Race: Black | 32 | 2.5% | \$41,165 | \$1,703,753 | 8 | 292 |
| Ethnicity: Hispanic | 49 | 3.8% | \$64,309 | \$3,711,259 | 5 | 395 |
| Age Group: <15 | 217 | 16.9% | \$46,500 | \$14,253,895 | 14 | 3,271 |
| Age Group: 15-24 | 455 | 35.5% | \$39,515 | \$27,168,810 | 6 | 4,002 |
| Age Group: 25-34 | 235 | 18.3% | \$46,039 | \$15,701,832 | 4 | 1,591 |
| Age Group: 35-44 | 142 | 11.1% | \$38,988 | \$8,273,067 | 5 | 874 |
| Age Group: 45-54 | 110 | 8.6% | \$57,926 | \$8,014,005 | 6 | 842 |
| Age Group: 55-64 | 84 | 6.6% | \$45,447 | \$5,635,479 | 4 | 563 |
| Age Group: 65-74 | 30 | 2.3% | \$53,470 | \$2,566,185 | 6 | 281 |
| Age Group: 75+ | 8 | 0.6% | \$59,912 | \$471,563 | 5 | 78 |
| Payer: Medicare | 62 | 4.8% | \$51,620 | \$5,232,572 | 4 | 532 |
| Payer: Medicaid | 711 | 55.5% | \$42,627 | \$43,577,247 | 6 | 6,118 |
| Payer: Commercial | 346 | 27.0% | \$55,145 | \$24,381,024 | 7 | 3,569 |
| Payer: Self Pay | 48 | 3.7% | \$26,379 | \$1,976,591 | 5 | 255 |
| Payer: Other | 113 | 8.8% | \$38,864 | \$6,911,201 | 5 | 1,026 |
| Region: Anchorage | 316 | 24.7% | \$65,127 | \$26,737,540 | 10 | 3,792 |
| Region: Gulf Coast | 103 | 8.0% | \$51,116 | \$6,786,876 | 8 | 1,021 |
| Region: Interior | 346 | 27.0% | \$34,136 | \$17,172,088 | 4 | 2,466 |
| Region: Mat-Su | 159 | 12.4% | \$81,234 | \$15,201,560 | 7 | 1,651 |
| Region: Northern | 107 | 8.4% | \$39,780 | \$5,626,300 | 5 | 769 |
| Region: Southeast | 91 | 7.1% | \$27,318 | \$3,939,951 | 5 | 664 |
| Region: Southwest | 146 | 11.4% | \$20,361 | \$6,131,385 | 6 | 1,065 |
| Region: Out of State | 12 | 0.9% | \$25,987 | \$387,019 | 5 | 66 |
| Alaska 2023 | 1,281 | 100.0% | \$44,029 | \$82,084,836 | 6 | 11,502 |
| Alaska 2022 | 1,347 | - | \$43,746 | \$80,112,165 | 6 | 11,684 |
| Alaska 2021 | 1,325 | - | \$46,004 | \$79,808,530 | 6 | 13,587 |

Table 13. #7: Hypertension and Hypertensive-Related Conditions Complicating Pregnancy, Childbirth, and the Puerperium (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Female | 1,241 | 100.0% | \$32,066 | \$50,786,409 | 3 | 4,258 |
| Race: White | 533 | 42.9% | \$32,294 | \$20,755,479 | 3 | 1,703 |
| Race: AI/AN | 468 | 37.7% | \$26,631 | \$16,784,655 | 3 | 1,502 |
| Race: Asian/PI | 101 | 8.1% | \$42,062 | \$5,722,403 | 3 | 452 |
| Race: Black | 34 | 2.7% | \$33,146 | \$1,670,271 | 3 | 143 |
| Ethnicity: Hispanic | 56 | 4.5% | \$40,158 | \$2,947,744 | 3 | 204 |
| Age Group: <15 | 2 | 0.2% | \$33,341 | \$66,682 | 3 | 6 |
| Age Group: 15-24 | 319 | 25.7% | \$30,901 | \$12,230,109 | 3 | 1,091 |
| Age Group: 25-34 | 658 | 53.0% | \$32,166 | \$26,960,522 | 3 | 2,250 |
| Age Group: 35-44 | 260 | 21.0% | \$32,247 | \$11,461,671 | 3 | 904 |
| Age Group: 45-54 | 2 | 0.2% | \$33,712 | \$67,424 | 4 | 7 |
| Payer: Medicare | 1 | 0.1% | \$31,382 | \$31,382 | 2 | 2 |
| Payer: Medicaid | 542 | 43.7% | \$30,029 | \$21,852,844 | 3 | 1,866 |
| Payer: Commercial | 528 | 42.5% | \$32,945 | \$21,539,783 | 3 | 1,741 |
| Payer: Self Pay | 74 | 6.0% | \$34,806 | \$3,152,206 | 3 | 251 |
| Payer: Other | 96 | 7.7% | \$32,393 | \$4,210,194 | 3 | 398 |
| Region: Anchorage | 405 | 32.6% | \$40,240 | \$20,262,741 | 3 | 1,616 |
| Region: Gulf Coast | 126 | 10.2% | \$25,612 | \$4,045,542 | 2 | 357 |
| Region: Interior | 181 | 14.6% | \$25,369 | \$5,951,295 | 3 | 582 |
| Region: Mat-Su | 188 | 15.1% | \$39,970 | \$8,565,521 | 2 | 558 |
| Region: Northern | 79 | 6.4% | \$24,589 | \$2,773,795 | 2 | 244 |
| Region: Southeast | 95 | 7.7% | \$20,496 | \$3,153,528 | 3 | 348 |
| Region: Southwest | 165 | 13.3% | \$26,050 | \$5,971,558 | 3 | 546 |
| Region: Out of State | 2 | 0.2% | \$31,215 | \$62,429 | 4 | 7 |
| Alaska 2023 | 1,241 | 100.0% | \$32,066 | \$50,786,409 | 3 | 4,258 |
| Alaska 2022 | 1,189 | - | \$28,803 | \$47,056,209 | 3 | 4,137 |
| Alaska 2021 | 1,115 | - | \$29,221 | \$43,681,504 | 3 | 3,920 |

Table 14. #8: Spondylopathies/Spondyloarthropathy Including Infective (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Male | 611 | 51.0% | \$225,057 | \$190,104,152 | 3 | 3,047 |
| Sex: Female | 587 | 49.0% | \$230,231 | \$177,948,739 | 3 | 2,584 |
| Race: White | 914 | 76.3% | \$234,836 | \$285,531,385 | 3 | 4,011 |
| Race: AI/AN | 107 | 8.9% | \$136,807 | \$24,971,590 | 3 | 725 |
| Race: Asian/PI | 46 | 3.8% | \$271,080 | \$15,721,716 | 4 | 281 |
| Race: Black | 47 | 3.9% | \$248,968 | \$14,447,241 | 4 | 250 |
| Ethnicity: Hispanic | 39 | 3.3% | \$221,346 | \$12,366,262 | 4 | 192 |
| Age Group: 15-24 | 6 | 0.5% | \$138,154 | \$1,108,231 | 2 | 13 |
| Age Group: 25-34 | 43 | 3.6% | \$217,950 | \$10,145,172 | 3 | 147 |
| Age Group: 35-44 | 94 | 7.8% | \$187,315 | \$22,441,401 | 2 | 309 |
| Age Group: 45-54 | 186 | 15.5% | \$227,695 | \$56,261,364 | 3 | 635 |
| Age Group: 55-64 | 287 | 24.0% | \$238,059 | \$94,778,857 | 3 | 1,249 |
| Age Group: 65-74 | 348 | 29.0% | \$240,780 | \$118,010,790 | 3 | 1,865 |
| Age Group: 75+ | 234 | 19.5% | \$213,691 | \$65,307,076 | 4 | 1,413 |
| Payer: Medicare | 559 | 46.7% | \$221,116 | \$167,636,836 | 3 | 2,952 |
| Payer: Medicaid | 155 | 12.9% | \$187,722 | \$41,076,280 | 3 | 750 |
| Payer: Commercial | 294 | 24.5% | \$247,806 | \$96,054,631 | 3 | 1,165 |
| Payer: Self Pay | 15 | 1.3% | \$95,911 | \$1,842,237 | 3 | 60 |
| Payer: Other | 175 | 14.6% | \$265,861 | \$61,442,907 | 3 | 704 |
| Region: Anchorage | 595 | 49.7% | \$243,612 | \$196,563,782 | 3 | 2,989 |
| Region: Gulf Coast | 203 | 16.9% | \$162,778 | \$49,521,294 | 3 | 932 |
| Region: Interior | 86 | 7.2% | \$186,386 | \$23,823,492 | 3 | 334 |
| Region: Mat-Su | 227 | 18.9% | \$271,927 | \$74,443,833 | 2 | 828 |
| Region: Northern | 23 | 1.9% | \$132,631 | \$5,408,428 | 3 | 111 |
| Region: Southeast | 40 | 3.3% | \$217,699 | \$12,027,659 | 4 | 243 |
| Region: Southwest | 17 | 1.4% | \$178,206 | \$3,642,164 | 6 | 167 |
| Region: Out of State | 7 | 0.6% | \$238,946 | \$2,622,241 | 3 | 27 |
| Alaska 2023 | 1,198 | 100.0% | \$225,739 | \$368,052,892 | 3 | 5,631 |
| Alaska 2022 | 1,134 | - | \$215,019 | \$318,962,178 | 3 | 5,569 |
| Alaska 2021 | 1,001 | - | \$183,935 | \$242,156,042 | 3 | 3,840 |

Table 15. #9: Schizophrenia Spectrum and Other Psychotic Disorders (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Male | 630 | 62.9% | \$51,726 | \$63,811,021 | 5 | 6,000 |
| Sex: Female | 371 | 37.1% | \$52,075 | \$30,992,548 | 6 | 3,699 |
| Race: White | 363 | 36.3% | \$63,895 | \$40,915,319 | 6 | 3,902 |
| Race: AI/AN | 508 | 50.7% | \$41,067 | \$43,392,304 | 5 | 4,573 |
| Race: Asian/PI | 22 | 2.2% | \$60,929 | \$1,886,852 | 6 | 255 |
| Race: Black | 63 | 6.3% | \$74,118 | \$5,031,957 | 5 | 495 |
| Ethnicity: Hispanic | 33 | 3.3% | \$73,577 | \$3,289,701 | 7 | 360 |
| Age Group: <15 | 2 | 0.2% | \$114,980 | \$229,960 | 35 | 70 |
| Age Group: 15-24 | 194 | 19.4% | \$48,560 | \$20,901,834 | 5 | 1,937 |
| Age Group: 25-34 | 321 | 32.1% | \$46,601 | \$26,129,244 | 5 | 2,654 |
| Age Group: 35-44 | 231 | 23.1% | \$46,362 | \$24,113,591 | 5 | 1,980 |
| Age Group: 45-54 | 118 | 11.8% | \$55,106 | \$9,677,471 | 6 | 1,443 |
| Age Group: 55-64 | 84 | 8.4% | \$68,587 | \$7,206,069 | 5 | 664 |
| Age Group: 65-74 | 46 | 4.6% | \$68,781 | \$5,000,906 | 7 | 717 |
| Age Group: 75+ | 5 | 0.5% | \$244,695 | \$1,544,494 | 33 | 234 |
| Payer: Medicare | 284 | 28.4% | \$59,327 | \$31,138,915 | 6 | 3,351 |
| Payer: Medicaid | 546 | 54.5% | \$46,820 | \$44,426,684 | 5 | 4,187 |
| Payer: Commercial | 48 | 4.8% | \$42,142 | \$3,852,491 | 4 | 347 |
| Payer: Self Pay | 50 | 5.0% | \$56,631 | \$8,396,801 | 11 | 1,297 |
| Payer: Other | 73 | 7.3% | \$53,567 | \$6,988,679 | 5 | 517 |
| Region: Anchorage | 326 | 32.6% | \$70,616 | \$42,717,691 | 5 | 3,213 |
| Region: Gulf Coast | 68 | 6.8% | \$53,832 | \$5,673,546 | 7 | 797 |
| Region: Interior | 228 | 22.8% | \$47,699 | \$17,771,600 | 5 | 1,893 |
| Region: Mat-Su | 86 | 8.6% | \$96,973 | \$11,640,357 | 6 | 1,078 |
| Region: Northern | 77 | 7.7% | \$53,671 | \$5,204,822 | 6 | 597 |
| Region: Southeast | 74 | 7.4% | \$29,168 | \$4,544,392 | 5 | 838 |
| Region: Southwest | 122 | 12.2% | \$25,942 | \$5,356,702 | 6 | 982 |
| Region: Out of State | 18 | 1.8% | \$64,930 | \$1,754,387 | 9 | 275 |
| Alaska 2023 | 1,001 | 100.0% | \$52,075 | \$94,803,569 | 5 | 9,699 |
| Alaska 2022 | 1,026 | - | \$42,419 | \$73,857,467 | 5 | 8,002 |
| Alaska 2021 | 1,056 | - | \$34,520 | \$55,515,886 | 5 | 7,557 |

Table 16. #10: Cerebral Infarction (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges | Median Days | Total Days |
|----------------------|------------|---------------------|---------------|---------------|-------------|------------|
| Sex: Male | 553 | 58.0% | \$82,095 | \$84,925,610 | 4 | 4,879 |
| Sex: Female | 401 | 42.0% | \$80,274 | \$55,658,251 | 4 | 3,159 |
| Race: White | 550 | 57.7% | \$82,185 | \$78,701,162 | 4 | 4,278 |
| Race: AI/AN | 203 | 21.3% | \$67,589 | \$24,933,226 | 4 | 1,862 |
| Race: Asian/PI | 90 | 9.4% | \$105,000 | \$17,368,405 | 6 | 963 |
| Race: Black | 50 | 5.2% | \$85,072 | \$8,239,112 | 4 | 576 |
| Ethnicity: Hispanic | 27 | 2.8% | \$98,553 | \$3,984,707 | 4 | 195 |
| Age Group: <15 | 3 | 0.3% | \$54,319 | \$136,059 | 3 | 9 |
| Age Group: 15-24 | 4 | 0.4% | \$172,498 | \$1,448,345 | 6 | 23 |
| Age Group: 25-34 | 8 | 0.8% | \$52,077 | \$897,331 | 3 | 29 |
| Age Group: 35-44 | 41 | 4.3% | \$88,657 | \$6,721,416 | 3 | 325 |
| Age Group: 45-54 | 116 | 12.2% | \$89,497 | \$17,489,088 | 3 | 814 |
| Age Group: 55-64 | 190 | 19.9% | \$89,545 | \$30,384,076 | 5 | 1,838 |
| Age Group: 65-74 | 273 | 28.6% | \$79,214 | \$41,723,817 | 4 | 2,496 |
| Age Group: 75+ | 319 | 33.4% | \$78,599 | \$41,783,730 | 4 | 2,504 |
| Payer: Medicare | 525 | 55.0% | \$80,527 | \$75,054,720 | 4 | 4,568 |
| Payer: Medicaid | 172 | 18.0% | \$96,558 | \$28,547,963 | 5 | 1,669 |
| Payer: Commercial | 154 | 16.1% | \$78,808 | \$21,192,944 | 3 | 904 |
| Payer: Self Pay | 35 | 3.7% | \$67,582 | \$4,828,875 | 2 | 237 |
| Payer: Other | 68 | 7.1% | \$88,867 | \$10,959,359 | 4 | 660 |
| Region: Anchorage | 427 | 44.8% | \$95,502 | \$74,244,648 | 4 | 4,473 |
| Region: Gulf Coast | 101 | 10.6% | \$65,698 | \$10,479,883 | 3 | 700 |
| Region: Interior | 112 | 11.7% | \$65,297 | \$10,751,350 | 3 | 612 |
| Region: Mat-Su | 122 | 12.8% | \$107,038 | \$21,667,146 | 3 | 781 |
| Region: Northern | 30 | 3.1% | \$41,189 | \$3,534,514 | 3 | 234 |
| Region: Southeast | 78 | 8.2% | \$61,157 | \$8,542,241 | 6 | 661 |
| Region: Southwest | 45 | 4.7% | \$66,229 | \$5,943,405 | 5 | 357 |
| Region: Out of State | 37 | 3.9% | \$98,297 | \$4,873,330 | 4 | 194 |
| Alaska 2023 | 954 | 100.0% | \$81,505 | \$140,583,862 | 4 | 8,038 |
| Alaska 2022 | 942 | - | \$76,310 | \$115,702,507 | 4 | 7,307 |
| Alaska 2021 | 900 | - | \$72,587 | \$105,222,674 | 4 | 7,766 |

Leading Causes of Hospitalization by Principal Diagnoses (CCSR and ICD-10-CM Diagnosis Categories)

Table 17. Top Ten Hospitalization CCSR Categories with Top Three ICD-10-CM Principal Diagnoses (2023)

| Rank | CCSR Diagnosis Category | Top Three Principal Diagnoses |
|------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Liveborn infant 6,949 (11.5%) | Single liveborn infant, delivered vaginally (5,074) Single liveborn infant, delivered by cesarean (1,655) Twin liveborn infant, delivered by cesarean (88) |
| 2 | Septicemia 4,601 (7.6%) | Sepsis, unspecified organism (3,135) Sepsis due to Escherichia coli [E. coli] (350) Other specified sepsis (257) |
| 3 | Complications specified during childbirth 1,605 (2.6%) | Streptococcus B carrier state complicating childbirth (299) Anemia complicating childbirth (270) Abnormality in fetal heart rate and rhythm complicating labor and delivery (182) |
| 4 | Heart failure 1,544 (2.5%) | Hypertensive heart disease with heart failure (675) Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease (544) Acute on chronic systolic (congestive) heart failure (125) |
| 5 | Alcohol-related disorders 1,458 (2.4%) | Alcohol dependence with withdrawal, unspecified (471) Alcohol abuse with withdrawal, unspecified (151) Alcohol dependence with withdrawal delirium (141) |
| 6 | Depressive disorders 1,281 (2.1%) | Major depressive disorder, recurrent severe without psychotic features (411) Major depressive disorder, single episode, unspecified (175) Major depressive disorder, single episode, severe without psychotic features (161) |
| 7 | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 1,241 (2.0%) | Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth (314) Severe pre-eclampsia complicating childbirth (213) Mild to moderate pre-eclampsia, complicating childbirth (173) |
| 8 | Spondylopathies/spondyloarthropathy (including infective) 1,198 (2.0%) | Spinal stenosis, cervical region (255) Spinal stenosis, lumbar region with neurogenic claudication (210) Spondylolisthesis, lumbar region (104) |

| Rank | CCSR Diagnosis Category | Top Three Principal Diagnoses |
|------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9 | Schizophrenia spectrum and other psychotic disorders 1,001 (1.6%) | Schizophrenia, unspecified (215) Schizoaffective disorder, bipolar type (215) Schizoaffective disorder, unspecified (160) |
| 10 | Cerebral infarction 954 (1.6%) | Cerebral infarction, unspecified (255) Other cerebral infarction (151) Other cerebral infarction due to occlusion or stenosis of small artery (83) |

Leading Causes of Hospitalization by Public Health Region (CCSR Diagnosis Categories)

Table 18. Top Ten Leading Causes of Hospitalization by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 1 | Liveborn infant 2,632 (11.1%) | Liveborn infant 717 (10.4%) | Liveborn infant 988 (14.9%) | Liveborn infant 977 (11.1%) | Liveborn infant 359 (10.2%) | Liveborn infant 541 (11.1%) | Liveborn infant 717 (15.7%) | Liveborn infant 6,949 (11.5%) |
| 2 | Septicemia 2,228 (9.4%) | Septicemia 460 (6.7%) | Depressive disorders 346 (5.2%) | Septicemia 740 (8.4%) | Alcohol-related disorders 177 (5.0%) | Septicemia 353 (7.3%) | Septicemia 242 (5.3%) | Septicemia 4,601 (7.6%) |
| 3 | Heart failure 652 (2.7%) | Spondylopathies/ spondyloarthropa thy (including infective) 203 (2.9%) | Septicemia 284 (4.3%) | Heart failure 242 (2.7%) | Septicemia 131 (3.7%) | Alcohol-related disorders 219 (4.5%) | Complications specified during childbirth 225 (4.9%) | Complications specified during childbirth 1,605 (2.6%) |
| 4 | Alcohol-related disorders 612 (2.6%) | Complications specified during childbirth 184 (2.7%) | Schizophrenia spectrum and other psychotic disorders 228 (3.4%) | Spondylopathies/ spondyloarthropa thy (including infective) 227 (2.6%) | Complications specified during childbirth 114 (3.2%) | Heart failure 125 (2.6%) | Hypertension and hypertensive- related conditions complicating pregnancy; childbirth; and the puerperium 165 (3.6%) | Heart failure 1,544 (2.5%) |
| 5 | Spondylopathies/ spondyloarthropa thy (including infective) 595 (2.5%) | Heart failure 180 (2.6%) | Bipolar and related disorders 212 (3.2%) | Complications specified during childbirth 225 (2.5%) | Depressive disorders 107 (3.0%) | Complications specified during childbirth 123 (2.5%) | Skin and subcutaneous tissue infections 155 (3.4%) | Alcohol-related disorders 1,458 (2.4%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 6 | Complications specified during childbirth 549 (2.3%) | Osteoarthritis 140 (2.0%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 181 (2.7%) | Acute myocardial infarction 210 (2.4%) | Heart failure 90 (2.5%) | Osteoarthritis 100 (2.1%) | Depressive disorders 146 (3.2%) | Depressive disorders 1,281 (2.1%) |
| 7 | Respiratory failure; insufficiency; arrest 488 (2.0%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 126 (1.8%) | Complications specified during childbirth 179 (2.7%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 188 (2.1%) | Suicidal ideation/attempt /intentional self-harm 82 (2.3%) | Pneumonia (except that caused by tuberculosis) 100 (2.1%) | Pneumonia (except that caused by tuberculosis) 144 (3.2%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 1,241 (2.0%) |
| 8 | Diabetes mellitus with complication 431 (1.8%) | Skin and subcutaneous tissue infections 112 (1.6%) | Heart failure 134 (2.0%) | Depressive disorders 159 (1.8%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 79 (2.2%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 95 (2.0%) | Schizophrenia spectrum and other psychotic disorders 122 (2.7%) | Spondylopathies/spondyloarthropathy (including infective) 1,198 (2.0%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------|
| 9 | Cerebral infarction 427 (1.8%) | Diabetes mellitus with complication 110 (1.6%) | Cerebral infarction 112 (1.7%) | Diabetes mellitus with complication 156 (1.8%) | Schizophrenia spectrum and other psychotic disorders 77 (2.2%) | Acute myocardial infarction 93 (1.9%) | Suicidal ideation/attempt/intentional self-harm 111 (2.4%) | Schizophrenia spectrum and other psychotic disorders 1,001 (1.7%) |
| 10 | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 405 (1.7%) | Urinary tract infections 110 (1.6%) | Malposition, disproportion or other labor complications 112 (1.7%) | Respiratory failure; insufficiency; arrest 155 (1.8%) | Chronic obstructive pulmonary disease and bronchiectasis 75 (2.1%) | Depressive disorders 91 (1.9%) | Early or threatened labor 90 (2.0%) | Cerebral infarction 954 (1.6%) |

Leading Causes of Hospitalization by Age Group (CCSR Diagnosis Categories)

Table 19. Top Ten Leading Causes of Hospitalization by Age Group (2023)

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|----------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------|
| 1 | Liveborn infant 6,949 (78.2%) | Depressive disorders 217 (17.5%) | Complications specified during childbirth 476 (11.0%) | Complications specified during childbirth 863 (10.4%) | Septicemia 510 (8.1%) | Septicemia 579 (11.1%) | Septicemia 859 (11.0%) | Septicemia 2,113 (11.4%) | Liveborn infant 6,949 (11.5%) |
| 2 | Acute bronchitis 186 (2.1%) | Appendicitis and other appendiceal conditions 69 (5.6%) | Depressive disorders 455 (10.5%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 658 (8.0%) | Alcohol-related disorders 463 (7.3%) | Alcohol-related disorders 273 (5.2%) | Spondylopathies/spondyloarthropathy (including infective) 287 (3.7%) | Heart failure 947 (5.1%) | Septicemia 4,601 (7.6%) |
| 3 | Respiratory failure; insufficiency; arrest 142 (1.6%) | Disruptive, impulse-control and conduct disorders 50 (4.0%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 319 (7.3%) | Prolonged pregnancy 470 (5.7%) | Complications specified during childbirth 261 (4.1%) | Spondylopathies/spondyloarthropathy (including infective) 186 (3.6%) | Heart failure 275 (3.5%) | Cerebral infarction 592 (3.2%) | Complications specified during childbirth 1,605 (2.6%) |

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|---------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 4 | Pneumonia (except that caused by tuberculosis) 122 (1.4%) | Suicidal ideation/attempt/intentional self-harm 49 (4.0%) | Schizophrenia spectrum and other psychotic disorders 194 (4.5%) | Previous C-section 397 (4.8%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 260 (4.1%) | Heart failure 166 (3.2%) | Acute myocardial infarction 226 (2.9%) | Spondylopathies/spondyloarthropathy (including infective) 582 (3.1%) | Heart failure 1,544 (2.5%) |
| 5 | Hemolytic jaundice and perinatal jaundice 96 (1.1%) | Trauma- and stressor-related disorders 43 (3.5%) | Suicidal ideation/attempt/intentional self-harm 185 (4.3%) | Malposition, disproportion or other labor complications 395 (4.8%) | Schizophrenia spectrum and other psychotic disorders 231 (3.7%) | Skin and subcutaneous tissue infections 143 (2.7%) | Osteoarthritis 223 (2.9%) | Acute myocardial infarction 540 (2.9%) | Alcohol-related disorders 1,458 (2.4%) |
| 6 | Other specified and unspecified perinatal conditions 94 (1.1%) | Neurodevelopmental disorders 42 (3.4%) | Prolonged pregnancy 182 (4.2%) | Septicemia 365 (4.4%) | Previous C-section 208 (3.3%) | Diabetes mellitus with complication 136 (2.6%) | Alcohol-related disorders 212 (2.7%) | Cardiac dysrhythmias 454 (2.4%) | Depressive disorders 1,281 (2.1%) |
| 7 | Short gestation; low birth weight; and fetal growth retardation 72 (0.8%) | Diabetes mellitus with complication 40 (3.2%) | Uncomplicated pregnancy, delivery or puerperium 175 (4.0%) | Schizophrenia spectrum and other psychotic disorders 321 (3.9%) | Depressive disorders 142 (2.3%) | Acute myocardial infarction 121 (2.3%) | Diabetes mellitus with complication 209 (2.7%) | Osteoarthritis 449 (2.4%) | Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 1,241 (2.0%) |

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 8 | Skin and subcutaneous tissue infections 62 (0.7%) | Pneumonia (except that caused by tuberculosis) 35 (2.8%) | Early or threatened labor 155 (3.6%) | Early or threatened labor 319 (3.9%) | Malposition, disproportion or other labor complications 140 (2.2%) | Schizophrenia spectrum and other psychotic disorders 118 (2.3%) | Cerebral infarction 190 (2.4%) | Pneumonia (except that caused by tuberculosis) 446 (2.4%) | Spondylopathies/spondyloarthropathy (including infective) 1,198 (2.0%) |
| 9 | Respiratory distress syndrome 53 (0.6%) | Asthma 34 (2.7%) | Bipolar and related disorders 128 (2.9%) | Alcohol-related disorders 316 (3.8%) | Skin and subcutaneous tissue infections 138 (2.2%) | Cerebral infarction 116 (2.2%) | Respiratory failure; insufficiency; arrest 174 (2.2%) | Fracture of the neck of the femur (hip), initial encounter 439 (2.4%) | Schizophrenia spectrum and other psychotic disorders 1,001 (1.7%) |
| 10 | Perinatal infections 51 (0.6%) | Skin and subcutaneous tissue infections 34 (2.7%) | Malposition, disproportion or other labor complications 113 (2.6%) | Uncomplicated pregnancy, delivery or puerperium 315 (3.8%) | Bipolar and related disorders 133 (2.1%) | Depressive disorders 110 (2.1%) | Acute and unspecified renal failure 161 (2.1%) | Acute and unspecified renal failure 426 (2.3%) | Cerebral infarction 954 (1.6%) |

Procedures (PCS CCSR Procedure Major Groups and Categories)

Table 20. Top Ten PCS CCSR Major Group Categories with Top Three PCS CCSR Categories (2023)

| Rank | PCS CCSR Groups | Top Three Procedures |
|------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Pregnancy-related procedures 6,931 (20.0%) | Spontaneous vaginal delivery (4,729) Cesarean section (1,838) Assisted vaginal delivery (182) |
| 2 | Musculoskeletal, subcutaneous tissue, and fascia procedures 5,579 (16.1%) | Spine fusion (1,007) Knee arthroplasty (631) Hip arthroplasty (621) |
| 3 | Gastrointestinal system procedures 3,663 (10.6%) | Esophagogastroduodenoscopy (EGD) with biopsy (494) Colectomy (467) GI system endoscopy without biopsy (diagnostic) (403) |
| 4 | Administration of therapeutic substances 3,469 (10.0%) | Vaccinations (1,741) Transfusion of blood and blood products (534) Potential COVID-19 therapies (372) |
| 5 | Cardiovascular procedures 3,444 (9.9%) | Venous and arterial catheter placement (866) Percutaneous coronary interventions (PCI) (616) Pacemaker and defibrillator procedures (241) |
| 6 | Extracorporeal or systemic assistance and performance 2,701 (7.8%) | Non-invasive ventilation (1,562) Mechanical ventilation (670) Hemodialysis (280) |
| 7 | Respiratory system procedures 1,238 (3.6%) | Airway intubation (389) Chest tube placement and therapeutic thoracentesis (347) Bronchoscopy (diagnostic) (116) |
| 8 | Rehabilitation, evaluation, and treatment 785 (2.3%) | Physical, occupational, and respiratory therapy treatment (707) Speech therapy treatment (67) Speech therapy evaluation (11) |

| Rank | PCS CCSR Groups | Top Three Procedures |
|------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 9 | Central nervous system procedures 782 (2.3%) | Lumbar puncture (345) CNS excision procedures (107) Spinal cord decompression (84) |
| 10 | Male reproductive system procedures 782 (2.3%) | Circumcision (672) Prostatectomy (42) Prostate and seminal vesicle procedures (excluding prostatectomy) (30) |

Table 21. Top Ten PCS CCSR Procedure Major Group Categories by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------|
| 1 | Pregnancy-related procedures 2,833 (19.3%) | Pregnancy-related procedures 754 (19.1%) | Pregnancy-related procedures 1,009 (29.3%) | Pregnancy-related procedures 1,042 (18.6%) | Pregnancy-related procedures 367 (24.5%) | Pregnancy-related procedures 481 (18.2%) | Pregnancy-related procedures 415 (20.4%) | Pregnancy-related procedures 6,931 (20.0%) |
| 2 | Musculoskeletal, subcutaneous tissue, and fascia procedures 2,366 (16.2%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 733 (18.5%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 482 (14.0%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 894 (15.9%) | Administration of therapeutic substances 263 (17.6%) | Administration of therapeutic substances 473 (17.9%) | Administration of therapeutic substances 357 (17.5%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 5,579 (16.1%) |
| 3 | Gastrointestinal system procedures 1,532 (10.5%) | Cardiovascular procedures 411 (10.4%) | Cardiovascular procedures 370 (10.7%) | Cardiovascular procedures 667 (11.9%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 200 (13.4%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 401 (15.2%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 329 (16.2%) | Gastrointestinal system procedures 3,663 (10.6%) |
| 4 | Cardiovascular procedures 1,499 (10.2%) | Gastrointestinal system procedures 404 (10.2%) | Gastrointestinal system procedures 356 (10.3%) | Administration of therapeutic substances 662 (11.8%) | Gastrointestinal system procedures 173 (11.6%) | Gastrointestinal system procedures 278 (10.5%) | Gastrointestinal system procedures 250 (12.3%) | Administration of therapeutic substances 3,469 (10.0%) |
| 5 | Extracorporeal or systemic assistance and performance 1,331 (9.1%) | Extracorporeal or systemic assistance and performance 339 (8.6%) | Administration of therapeutic substances 237 (6.9%) | Gastrointestinal system procedures 577 (10.3%) | Cardiovascular procedures 85 (5.7%) | Cardiovascular procedures 206 (7.8%) | Extracorporeal or systemic assistance and performance 147 (7.2%) | Cardiovascular procedures 3,444 (9.9%) |
| 6 | Administration of therapeutic substances 1,153 (7.9%) | Administration of therapeutic substances 225 (5.7%) | Extracorporeal or systemic assistance and performance 215 (6.2%) | Extracorporeal or systemic assistance and performance 353 (6.3%) | Extracorporeal or systemic assistance and performance 72 (4.8%) | Extracorporeal or systemic assistance and performance 168 (6.4%) | Cardiovascular procedures 100 (4.9%) | Extracorporeal or systemic assistance and performance 2,701 (7.8%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|---------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|-------------------------------------------------|----------------------------------------------------|--------------------------------------------------|----------------------------------------------------|---------------------------------------------------------|
| 7 | Respiratory system procedures 528 (3.6%) | Respiratory system procedures 123 (3.1%) | Respiratory system procedures 143 (4.2%) | Respiratory system procedures 211 (3.8%) | Hepatobiliary and pancreas procedures 41 (2.7%) | Respiratory system procedures 93 (3.5%) | Respiratory system procedures 66 (3.2%) | Respiratory system procedures 1,238 (3.6%) |
| 8 | Rehabilitation, evaluation, and treatment 470 (3.2%) | Male reproductive system procedures 118 (3.0%) | Central nervous system procedures 87 (2.5%) | Urinary system procedures 147 (2.6%) | Respiratory system procedures 40 (2.7%) | Substance use disorder treatment 78 (3.0%) | Hepatobiliary and pancreas procedures 63 (3.1%) | Rehabilitation, evaluation, and treatment 785 (2.3%) |
| 9 | Central nervous system procedures 343 (2.3%) | Urinary system procedures 105 (2.7%) | Male reproductive system procedures 76 (2.2%) | Central nervous system procedures 133 (2.4%) | Male reproductive system procedures 34 (2.3%) | Urinary system procedures 70 (2.7%) | Central nervous system procedures 34 (1.7%) | Central nervous system procedures 782 (2.3%) |
| 10 | Male reproductive system procedures 332 (2.3%) | Central nervous system procedures 101 (2.6%) | Measurement and monitoring 70 (2.0%) | Measurement and monitoring 119 (2.1%) | Imaging 28 (1.9%) | Male reproductive system procedures 69 (2.6%) | Ear, nose, and throat procedures 34 (1.7%) | Male reproductive system procedures 782 (2.3%) |

Table 22. Top Ten PCS CCSR Procedure Major Group Categories by Age (2023)

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|----------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| 1 | Administration of therapeutic substances 1,789 (44.5%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 119 (27.0%) | Pregnancy-related procedures 1,575 (66.5%) | Pregnancy-related procedures 3,904 (68.9%) | Pregnancy-related procedures 1,432 (37.5%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 752 (24.3%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 1,218 (25.9%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 2,419 (23.0%) | Pregnancy-related procedures 6,931 (20.0%) |
| 2 | Extracorporeal or systemic assistance and performance 698 (17.4%) | Gastrointestinal system procedures 107 (24.3%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 184 (7.8%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 362 (6.4%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 474 (12.4%) | Gastrointestinal system procedures 532 (17.2%) | Gastrointestinal system procedures 714 (15.2%) | Cardiovascular procedures 1,860 (17.7%) | Musculoskeletal, subcutaneous tissue, and fascia procedures 5,579 (16.1%) |
| 3 | Male reproductive system procedures 671 (16.7%) | Ear, nose, and throat procedures 39 (8.8%) | Gastrointestinal system procedures 139 (5.9%) | Gastrointestinal system procedures 270 (4.8%) | Gastrointestinal system procedures 431 (11.3%) | Cardiovascular procedures 377 (12.2%) | Cardiovascular procedures 670 (14.2%) | Gastrointestinal system procedures 1,292 (12.3%) | Gastrointestinal system procedures 3,663 (10.6%) |
| 4 | Gastrointestinal system procedures 178 (4.4%) | Extracorporeal or systemic assistance and performance 38 (8.6%) | Extracorporeal or systemic assistance and performance 58 (2.4%) | Administration of therapeutic substances 153 (2.7%) | Cardiovascular procedures 240 (6.3%) | Extracorporeal or systemic assistance and performance 246 (7.9%) | Extracorporeal or systemic assistance and performance 434 (9.2%) | Administration of therapeutic substances 878 (8.4%) | Administration of therapeutic substances 3,469 (10.0%) |
| 5 | Extracorporeal or systemic therapies 166 (4.1%) | Administration of therapeutic substances 35 (7.9%) | Administration of therapeutic substances 54 (2.3%) | Substance use disorder treatment 150 (2.6%) | Extracorporeal or systemic assistance and performance 227 (5.9%) | Administration of therapeutic substances 172 (5.6%) | Administration of therapeutic substances 254 (5.4%) | Extracorporeal or systemic assistance and performance 877 (8.3%) | Cardiovascular procedures 3,444 (9.9%) |
| 6 | Ear, nose, and throat procedures 129 (3.2%) | Cardiovascular procedures 22 (5.0%) | Respiratory system procedures 51 (2.2%) | Cardiovascular procedures 145 (2.6%) | Substance use disorder treatment 186 (4.9%) | Respiratory system procedures 131 (4.2%) | Respiratory system procedures 241 (5.1%) | Respiratory system procedures 526 (5.0%) | Extracorporeal or systemic assistance and performance 2,701 (7.8%) |

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|--------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| 7 | Cardiovascular procedures 92 (2.3%) | Central nervous system procedures 20 (4.5%) | Central nervous system procedures 43 (1.8%) | Extracorporeal or systemic assistance and performance 122 (2.2%) | Administration of therapeutic substances 134 (3.5%) | Substance use disorder treatment 110 (3.6%) | Hepatobiliary and pancreas procedures 145 (3.1%) | Rehabilitation, evaluation, and treatment 477 (4.5%) | Respiratory system procedures 1,238 (3.6%) |
| 8 | Central nervous system procedures 91 (2.3%) | Measurement and monitoring 13 (2.9%) | Substance use disorder treatment 41 (1.7%) | Respiratory system procedures 97 (1.7%) | Respiratory system procedures 117 (3.1%) | Hepatobiliary and pancreas procedures 105 (3.4%) | Rehabilitation, evaluation, and treatment 145 (3.1%) | Urinary system procedures 399 (3.8%) | Rehabilitation, evaluation, and treatment 785 (2.3%) |
| 9 | Respiratory system procedures 64 (1.6%) | Respiratory system procedures 10 (2.3%) | Cardiovascular procedures 38 (1.6%) | Hepatobiliary and pancreas procedures 87 (1.5%) | Hepatobiliary and pancreas procedures 88 (2.3%) | Urinary system procedures 96 (3.1%) | Central nervous system procedures 139 (3.0%) | Measurement and monitoring 303 (2.9%) | Central nervous system procedures 782 (2.3%) |
| 10 | Musculoskeletal, subcutaneous tissue, and fascia procedures 51 (1.3%) | General region procedures 7 (1.6%) | Hepatobiliary and pancreas procedures 31 (1.3%) | Central nervous system procedures 74 (1.3%) | Central nervous system procedures 76 (2.0%) | Central nervous system procedures 87 (2.8%) | Measurement and monitoring 131 (2.8%) | Hepatobiliary and pancreas procedures 294 (2.8%) | Male reproductive system procedures 782 (2.3%) |

Emergency Room (ER), Operating Room (OR), and Intensive Care Unit (ICU) Utilization (Major CCSR Group Diagnosis Categories)

Table 23. Major CCSR Group Discharges (Column %) by Revenue Code Group (2022-2023)

| Major CCSR Group of Principal Diagnosis | ER 2022 | ER 2023 | OR 2022 | OR 2023 | ICU 2022 | ICU 2023 | 2022 | 2023 |
|---------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Pregnancy, Childbirth and the Puerperium | 563 (1.9%) | 292 (0.9%) | 2,271 (13.1%) | 2,434 (13.4%) | 734 (4.6%) | 800 (5.0%) | 8,097 (13.8%) | 8,083 (13.3%) |
| Certain Conditions Originating in the Perinatal Period | 111 (0.4%) | 121 (0.4%) | 434 (2.5%) | 399 (2.2%) | 55 (0.3%) | 33 (0.2%) | 7,367 (12.6%) | 7,439 (12.3%) |
| Diseases of the Circulatory System | 4,760 (16.1%) | 4,998 (16.2%) | 1,969 (11.3%) | 2,086 (11.5%) | 3,946 (24.7%) | 4,028 (25.3%) | 6,469 (11.1%) | 6,846 (11.3%) |
| Mental, Behavioral and Neurodevelopmental Disorders | 2,929 (9.9%) | 2,961 (9.6%) | 136 (0.8%) | 128 (0.7%) | 1,392 (8.7%) | 1,193 (7.5%) | 5,570 (9.5%) | 5,709 (9.4%) |
| Certain Infectious and Parasitic Diseases | 4,924 (16.7%) | 4,704 (15.3%) | 1,607 (9.2%) | 1,655 (9.1%) | 2,883 (18.0%) | 2,667 (16.7%) | 5,627 (9.6%) | 5,368 (8.8%) |
| Injury, Poisoning and Other Consequences Certain of External Causes | 3,466 (11.7%) | 3,962 (12.9%) | 2,716 (15.6%) | 3,032 (16.7%) | 1,393 (8.7%) | 1,585 (10.0%) | 4,632 (7.9%) | 5,361 (8.8%) |
| Diseases of the Digestive System | 3,707 (12.5%) | 3,948 (12.8%) | 1,922 (11.0%) | 1,998 (11.0%) | 1,275 (8.0%) | 1,321 (8.3%) | 4,577 (7.8%) | 4,847 (8.0%) |
| Diseases of the Respiratory System | 2,517 (8.5%) | 2,579 (8.4%) | 393 (2.3%) | 451 (2.5%) | 1,361 (8.5%) | 1,302 (8.2%) | 3,455 (5.9%) | 3,433 (5.7%) |
| Diseases of the Musculoskeletal System and Connective Tissue | 828 (2.8%) | 828 (2.7%) | 2,513 (14.4%) | 2,465 (13.6%) | 219 (1.4%) | 242 (1.5%) | 2,980 (5.1%) | 2,928 (4.8%) |
| Endocrine, Nutritional and Metabolic Diseases | 1,222 (4.1%) | 1,368 (4.4%) | 714 (4.1%) | 657 (3.6%) | 756 (4.7%) | 745 (4.7%) | 1,968 (3.4%) | 2,063 (3.4%) |
| Diseases of the Genitourinary System | 1,263 (4.3%) | 1,484 (4.8%) | 618 (3.6%) | 676 (3.7%) | 489 (3.1%) | 491 (3.1%) | 1,688 (2.9%) | 1,937 (3.2%) |
| Neoplasms | 649 (2.2%) | 791 (2.6%) | 1,056 (6.1%) | 1,158 (6.4%) | 425 (2.7%) | 442 (2.8%) | 1,448 (2.5%) | 1,633 (2.7%) |
| Diseases of the Nervous System | 935 (3.2%) | 989 (3.2%) | 290 (1.7%) | 267 (1.5%) | 513 (3.2%) | 527 (3.3%) | 1,473 (2.5%) | 1,533 (2.5%) |
| Diseases of the Skin and Subcutaneous Tissue | 689 (2.3%) | 757 (2.5%) | 310 (1.8%) | 275 (1.5%) | 110 (0.7%) | 104 (0.7%) | 922 (1.6%) | 1,045 (1.7%) |
| Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified | 511 (1.7%) | 529 (1.7%) | 75 (0.4%) | 100 (0.6%) | 167 (1.0%) | 203 (1.3%) | 945 (1.6%) | 937 (1.5%) |
| Factors Influencing Health Status and Contact with Health Services | 61 (0.2%) | 86 (0.3%) | 160 (0.9%) | 172 (0.9%) | 64 (0.4%) | 60 (0.4%) | 469 (0.8%) | 687 (1.1%) |
| Diseases of the Blood and Disorders Involving the Immune Mechanism | 315 (1.1%) | 271 (0.9%) | 49 (0.3%) | 51 (0.3%) | 150 (0.9%) | 121 (0.8%) | 406 (0.7%) | 389 (0.6%) |

| Major CCSR Group of Principal Diagnosis | ER 2022 | ER 2023 | OR 2022 | OR 2023 | ICU 2022 | ICU 2023 | 2022 | 2023 |
|----------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Invalid Diagnosis | 17 (0.1%) | 17 (0.1%) | 9 (0.1%) | 12 (0.1%) | 21 (0.1%) | 10 (0.1%) | 163 (0.3%) | 185 (0.3%) |
| Congenital Malformations, Deformations and Chromosomal Abnormalities | 35 (0.1%) | 25 (0.1%) | 131 (0.8%) | 131 (0.7%) | 37 (0.2%) | 42 (0.3%) | 155 (0.3%) | 157 (0.3%) |
| Diseases of the Eye and Adnexa or the Ear and Mastoid Process | 66 (0.2%) | 69 (0.2%) | 26 (0.1%) | 27 (0.1%) | 17 (0.1%) | 13 (0.1%) | 95 (0.2%) | 104 (0.2%) |
| Inpatient Total | 29,568 (100.0%) | 30,779 (100.0%) | 17,399 (100.0%) | 18,174 (100.0%) | 16,007 (100.0%) | 15,929 (100.0%) | 58,506 (100.0%) | 60,684 (100.0%) |

COVID-19 Intensive Care Unit (ICU) Utilization

Table 24. ICU and Non-ICU Discharges by COVID and Non-COVID Diagnosis (2021-2023)

| ICU Use | 2021 COVID | 2021 Non-COVID | 2022 COVID | 2022 Non-COVID | 2023 COVID | 2023 Non-COVID |
|--------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| ICU | 2,167 | 12,895 | 1,351 | 14,656 | 589 | 15,340 |
| Non-ICU | 2,017 | 40,644 | 1,749 | 40,750 | 878 | 43,877 |
| Total | 4,184 | 53,539 | 3,100 | 55,406 | 1,467 | 59,217 |

Table 25. ICU and Non-ICU Average Length of Stay (Days) by COVID and Non-COVID Diagnosis (2021-2023)

| ICU Use | 2021 COVID | 2021 Non-COVID | 2022 COVID | 2022 Non-COVID | 2023 COVID | 2023 Non-COVID |
|--------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| ICU | 12.2 | 7.4 | 11.0 | 7.9 | 12.8 | 7.7 |
| Non-ICU | 6.1 | 5.1 | 7.5 | 5.0 | 7.6 | 5.2 |
| Total | 9.2 | 5.7 | 9.0 | 5.8 | 9.7 | 5.8 |

Table 26. ICU and Non-ICU Average Billed Charges by COVID and Non-COVID Diagnosis (2021-2023)

| ICU Use | 2021 COVID | 2021 Non-COVID | 2022 COVID | 2022 Non-COVID | 2023 COVID | 2023 Non-COVID |
|--------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| ICU | \$222,389 | \$142,317 | \$182,987 | \$153,629 | \$187,260 | \$165,789 |
| Non-ICU | \$55,829 | \$61,809 | \$75,069 | \$65,703 | \$80,285 | \$69,677 |
| Total | \$142,095 | \$81,200 | \$122,100 | \$88,961 | \$123,236 | \$94,575 |

Table 27. ICU and Non-ICU Total Billed Charges by COVID and Non-COVID Diagnosis (2021-2023)

| ICU Use | 2021 COVID | 2021 Non-COVID | 2022 COVID | 2022 Non-COVID | 2023 COVID | 2023 Non-COVID |
|--------------|----------------------|------------------------|----------------------|------------------------|----------------------|------------------------|
| ICU | \$481,916,141 | \$1,835,174,938 | \$247,214,813 | \$2,251,580,151 | \$110,296,371 | \$2,543,204,496 |
| Non-ICU | \$112,607,353 | \$2,512,184,225 | \$131,295,268 | \$2,677,406,933 | \$70,490,334 | \$3,057,218,541 |
| Total | \$594,523,493 | \$4,347,359,163 | \$378,510,081 | \$4,928,987,084 | \$180,786,705 | \$5,600,423,037 |

Outpatient Emergency Department Discharges

Methodology

In this section, outpatient Emergency Department (ED) discharges are grouped by principal diagnoses using the Agency for Healthcare Research and Quality Clinical Classification Software Refined (CCSR) categories which aggregates the principal diagnosis ICD-10-CM code into 540 categories.

Data Highlights

- In 2023, there were 285,134 ED visits in Alaska, generating ~\$1.6 billion in billed charges.
- The median billed charge for an ED visit was \$3,576.
- Medicaid was the most common primary payer at 39.5% of ED visits, followed by commercial insurance at 23.6%.
- The top three leading causes of ED visitation by CCSR category were:
 1. *Abdominal pain and other digestive/abdomen signs and symptoms* (13,788 discharges), with a median charge of \$7,228.
 2. *Other specified upper respiratory infections* (11,767 discharges), with a median charge of \$1,967.
 3. *Alcohol-related disorders* (10,404 discharges), with a median charge of \$4,865.

Emergency Department Visits by Characteristic

Table 28. All Emergency Department Visits (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|-----------------|
| Sex: Male | 133,620 | 46.9% | \$3,330 | \$728,768,111 |
| Sex: Female | 151,306 | 53.1% | \$3,810 | \$859,855,239 |
| Race: White | 123,226 | 43.2% | \$4,723 | \$805,916,948 |
| Race: AI/AN | 103,630 | 36.3% | \$2,680 | \$461,551,068 |
| Race: Asian/PI | 17,577 | 6.2% | \$4,033 | \$104,552,589 |
| Race: Black | 12,555 | 4.4% | \$4,196 | \$75,257,871 |
| Ethnicity: Hispanic | 11,737 | 4.1% | \$3,828 | \$68,825,658 |
| Age Group: <15 | 42,620 | 14.9% | \$1,945 | \$120,635,130 |
| Age Group: 15-24 | 36,979 | 13.0% | \$3,079 | \$175,768,242 |
| Age Group: 25-34 | 46,635 | 16.4% | \$3,577 | \$247,332,353 |
| Age Group: 35-44 | 43,010 | 15.1% | \$3,878 | \$246,767,758 |
| Age Group: 45-54 | 32,327 | 11.3% | \$4,410 | \$202,495,148 |
| Age Group: 55-64 | 34,093 | 12.0% | \$4,769 | \$227,718,625 |
| Age Group: 65-74 | 28,680 | 10.1% | \$5,384 | \$204,462,473 |
| Age Group: 75+ | 20,613 | 7.2% | \$6,378 | \$163,477,201 |
| Payer: Medicare | 50,257 | 17.6% | \$5,649 | \$365,669,875 |
| Payer: Medicaid | 112,505 | 39.5% | \$3,002 | \$549,456,282 |
| Payer: Commercial | 67,216 | 23.6% | \$3,860 | \$386,875,760 |
| Payer: Self Pay | 26,629 | 9.3% | \$3,136 | \$136,342,851 |
| Payer: Other | 28,525 | 10.0% | \$3,184 | \$151,023,545 |
| Region: Anchorage | 115,857 | 40.6% | \$4,249 | \$724,218,848 |
| Region: Gulf Coast | 25,564 | 9.0% | \$4,434 | \$162,076,108 |
| Region: Interior | 29,415 | 10.3% | \$3,775 | \$133,928,429 |
| Region: Mat-Su | 32,339 | 11.3% | \$5,383 | \$232,878,284 |
| Region: Northern | 19,755 | 6.9% | \$2,310 | \$75,692,256 |
| Region: Southeast | 22,071 | 7.7% | \$2,575 | \$105,987,793 |
| Region: Southwest | 29,902 | 10.5% | \$1,893 | \$95,390,292 |
| Region: Out of State | 9,468 | 3.3% | \$3,903 | \$55,260,987 |
| Alaska 2023 | 285,134 | 100.0% | \$3,576 | \$1,589,375,022 |
| Alaska 2022 | 275,568 | - | \$3,091 | \$1,382,657,293 |
| Alaska 2021 | 244,319 | - | \$3,122 | \$1,177,455,647 |

Leading Causes of Emergency Department Visits by Characteristic (CCSR Diagnosis Categories)

Table 29. #1: Abdominal Pain and Other Digestive/Abdomen Signs and Symptoms (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 5,091 | 36.9% | \$6,802 | \$39,304,253 |
| Sex: Female | 8,694 | 63.1% | \$7,441 | \$71,764,558 |
| Race: White | 6,612 | 48.0% | \$8,100 | \$57,955,796 |
| Race: AI/AN | 4,566 | 33.1% | \$5,360 | \$31,148,864 |
| Race: Asian/PI | 808 | 5.9% | \$7,996 | \$7,008,940 |
| Race: Black | 634 | 4.6% | \$8,291 | \$5,942,037 |
| Ethnicity: Hispanic | 686 | 5.0% | \$7,391 | \$5,820,926 |
| Age Group: <15 | 1,597 | 11.6% | \$3,130 | \$7,066,852 |
| Age Group: 15-24 | 2,126 | 15.4% | \$5,966 | \$15,243,268 |
| Age Group: 25-34 | 2,538 | 18.4% | \$7,189 | \$20,591,674 |
| Age Group: 35-44 | 2,338 | 17.0% | \$7,810 | \$20,105,018 |
| Age Group: 45-54 | 1,736 | 12.6% | \$8,400 | \$15,581,199 |
| Age Group: 55-64 | 1,596 | 11.6% | \$8,733 | \$14,825,654 |
| Age Group: 65-74 | 1,125 | 8.2% | \$8,990 | \$10,734,138 |
| Age Group: 75+ | 731 | 5.3% | \$8,960 | \$6,946,039 |
| Payer: Medicare | 2,118 | 15.4% | \$8,868 | \$19,832,079 |
| Payer: Medicaid | 5,339 | 38.7% | \$6,261 | \$39,639,919 |
| Payer: Commercial | 4,047 | 29.4% | \$7,709 | \$33,862,972 |
| Payer: Self Pay | 1,125 | 8.2% | \$6,456 | \$8,780,294 |
| Payer: Other | 1,159 | 8.4% | \$7,180 | \$8,979,250 |
| Region: Anchorage | 5,611 | 40.7% | \$8,564 | \$53,195,033 |
| Region: Gulf Coast | 1,202 | 8.7% | \$7,739 | \$9,766,405 |
| Region: Interior | 1,750 | 12.7% | \$6,836 | \$11,626,005 |
| Region: Mat-Su | 1,814 | 13.2% | \$9,162 | \$16,748,731 |
| Region: Northern | 673 | 4.9% | \$4,802 | \$4,100,525 |
| Region: Southeast | 1,153 | 8.4% | \$5,791 | \$7,089,602 |
| Region: Southwest | 1,208 | 8.8% | \$3,475 | \$5,521,716 |
| Region: Out of State | 339 | 2.5% | \$7,466 | \$2,757,841 |
| Alaska 2023 | 13,788 | 100.0% | \$7,228 | \$111,094,514 |
| Alaska 2022 | 12,036 | - | \$6,303 | \$87,069,494 |
| Alaska 2021 | 11,815 | - | \$5,895 | \$80,630,313 |

Table 30. #2: Other Specified Upper Respiratory Infections (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 5,371 | 45.6% | \$1,946 | \$14,251,232 |
| Sex: Female | 6,394 | 54.3% | \$1,970 | \$17,851,956 |
| Race: White | 3,172 | 27.0% | \$2,362 | \$10,411,587 |
| Race: AI/AN | 5,461 | 46.4% | \$1,701 | \$12,159,953 |
| Race: Asian/PI | 1,160 | 9.9% | \$2,320 | \$3,860,070 |
| Race: Black | 598 | 5.1% | \$2,240 | \$1,838,923 |
| Ethnicity: Hispanic | 549 | 4.7% | \$2,151 | \$1,665,859 |
| Age Group: <15 | 5,277 | 44.8% | \$1,854 | \$12,138,941 |
| Age Group: 15-24 | 1,713 | 14.6% | \$1,973 | \$4,550,238 |
| Age Group: 25-34 | 1,739 | 14.8% | \$2,056 | \$5,032,919 |
| Age Group: 35-44 | 1,181 | 10.0% | \$2,127 | \$3,693,620 |
| Age Group: 45-54 | 676 | 5.7% | \$2,212 | \$2,220,887 |
| Age Group: 55-64 | 520 | 4.4% | \$2,609 | \$1,936,763 |
| Age Group: 65-74 | 464 | 3.9% | \$2,281 | \$1,671,842 |
| Age Group: 75+ | 197 | 1.7% | \$3,406 | \$861,131 |
| Payer: Medicare | 688 | 5.8% | \$2,828 | \$2,689,462 |
| Payer: Medicaid | 5,960 | 50.7% | \$1,930 | \$15,716,201 |
| Payer: Commercial | 2,705 | 23.0% | \$1,992 | \$7,394,635 |
| Payer: Self Pay | 1,394 | 11.8% | \$1,921 | \$3,736,780 |
| Payer: Other | 1,020 | 8.7% | \$1,910 | \$2,569,263 |
| Region: Anchorage | 5,479 | 46.6% | \$2,005 | \$16,898,227 |
| Region: Gulf Coast | 678 | 5.8% | \$2,346 | \$2,138,338 |
| Region: Interior | 866 | 7.4% | \$2,537 | \$2,446,380 |
| Region: Mat-Su | 937 | 8.0% | \$2,318 | \$3,190,412 |
| Region: Northern | 736 | 6.3% | \$1,992 | \$1,638,471 |
| Region: Southeast | 621 | 5.3% | \$1,420 | \$1,182,901 |
| Region: Southwest | 2,185 | 18.6% | \$1,544 | \$3,822,877 |
| Region: Out of State | 248 | 2.1% | \$2,190 | \$750,364 |
| Alaska 2023 | 11,767 | 100.0% | \$1,967 | \$32,106,342 |
| Alaska 2022 | 12,159 | - | \$1,810 | \$29,573,269 |
| Alaska 2021 | 7,832 | - | \$1,807 | \$18,992,772 |

Table 31. #3: Alcohol-Related Disorders (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 5,728 | 55.1% | \$4,400 | \$31,209,791 |
| Sex: Female | 4,675 | 44.9% | \$5,395 | \$29,182,670 |
| Race: White | 1,930 | 18.6% | \$5,958 | \$13,458,360 |
| Race: AI/AN | 7,385 | 71.0% | \$4,521 | \$40,143,559 |
| Race: Asian/PI | 58 | 0.6% | \$5,949 | \$354,422 |
| Race: Black | 109 | 1.0% | \$6,696 | \$772,045 |
| Ethnicity: Hispanic | 198 | 1.9% | \$6,089 | \$1,402,585 |
| Age Group: <15 | 32 | 0.3% | \$2,948 | \$134,393 |
| Age Group: 15-24 | 849 | 8.2% | \$4,306 | \$4,365,954 |
| Age Group: 25-34 | 2,381 | 22.9% | \$5,348 | \$14,636,769 |
| Age Group: 35-44 | 3,139 | 30.2% | \$5,054 | \$18,350,671 |
| Age Group: 45-54 | 1,916 | 18.4% | \$4,983 | \$11,441,950 |
| Age Group: 55-64 | 1,497 | 14.4% | \$3,821 | \$8,071,346 |
| Age Group: 65-74 | 531 | 5.1% | \$3,882 | \$2,972,008 |
| Age Group: 75+ | 58 | 0.6% | \$6,431 | \$443,495 |
| Payer: Medicare | 723 | 6.9% | \$4,805 | \$4,344,675 |
| Payer: Medicaid | 6,713 | 64.5% | \$4,553 | \$37,478,139 |
| Payer: Commercial | 934 | 9.0% | \$5,633 | \$6,068,462 |
| Payer: Self Pay | 1,226 | 11.8% | \$6,219 | \$8,231,628 |
| Payer: Other | 808 | 7.8% | \$4,460 | \$4,294,152 |
| Region: Anchorage | 3,605 | 34.7% | \$7,443 | \$29,053,946 |
| Region: Gulf Coast | 564 | 5.4% | \$5,790 | \$3,836,665 |
| Region: Interior | 1,487 | 14.3% | \$3,447 | \$5,684,486 |
| Region: Mat-Su | 639 | 6.1% | \$6,790 | \$5,470,611 |
| Region: Northern | 1,465 | 14.1% | \$2,908 | \$6,402,857 |
| Region: Southeast | 977 | 9.4% | \$2,281 | \$3,494,651 |
| Region: Southwest | 1,532 | 14.7% | \$2,083 | \$5,763,294 |
| Region: Out of State | 120 | 1.2% | \$5,234 | \$671,158 |
| Alaska 2023 | 10,404 | 100.0% | \$4,895 | \$60,417,056 |
| Alaska 2022 | 9,376 | - | \$4,493 | \$49,901,701 |
| Alaska 2021 | 9,359 | - | \$4,237 | \$47,165,571 |

Table 32. #4: Nonspecific Chest Pain (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 4,969 | 47.8% | \$7,394 | \$39,157,216 |
| Sex: Female | 5,423 | 52.2% | \$7,536 | \$43,852,956 |
| Race: White | 5,361 | 51.6% | \$7,524 | \$44,734,198 |
| Race: AI/AN | 3,028 | 29.1% | \$6,910 | \$22,024,205 |
| Race: Asian/PI | 666 | 6.4% | \$7,863 | \$5,592,248 |
| Race: Black | 603 | 5.8% | \$7,788 | \$5,117,234 |
| Ethnicity: Hispanic | 466 | 4.5% | \$7,617 | \$3,857,479 |
| Age Group: <15 | 215 | 2.1% | \$3,601 | \$889,571 |
| Age Group: 15-24 | 928 | 8.9% | \$5,984 | \$5,832,125 |
| Age Group: 25-34 | 1,490 | 14.3% | \$7,160 | \$10,941,059 |
| Age Group: 35-44 | 1,701 | 16.4% | \$7,575 | \$13,590,090 |
| Age Group: 45-54 | 1,703 | 16.4% | \$7,599 | \$13,846,261 |
| Age Group: 55-64 | 1,932 | 18.6% | \$7,775 | \$16,900,604 |
| Age Group: 65-74 | 1,419 | 13.7% | \$7,738 | \$12,377,237 |
| Age Group: 75+ | 1,004 | 9.7% | \$7,673 | \$8,633,226 |
| Payer: Medicare | 2,516 | 24.2% | \$7,749 | \$21,884,558 |
| Payer: Medicaid | 3,064 | 29.5% | \$7,242 | \$23,486,640 |
| Payer: Commercial | 3,006 | 28.9% | \$7,391 | \$23,336,430 |
| Payer: Self Pay | 805 | 7.7% | \$7,637 | \$6,487,223 |
| Payer: Other | 1,003 | 9.6% | \$7,200 | \$7,820,291 |
| Region: Anchorage | 4,550 | 43.8% | \$8,201 | \$40,619,914 |
| Region: Gulf Coast | 916 | 8.8% | \$6,641 | \$7,379,797 |
| Region: Interior | 1,218 | 11.7% | \$5,702 | \$7,383,736 |
| Region: Mat-Su | 1,566 | 15.1% | \$7,639 | \$14,955,007 |
| Region: Northern | 352 | 3.4% | \$5,023 | \$2,157,804 |
| Region: Southeast | 903 | 8.7% | \$4,488 | \$5,313,526 |
| Region: Southwest | 606 | 5.8% | \$4,066 | \$2,993,010 |
| Region: Out of State | 274 | 2.6% | \$7,470 | \$2,152,457 |
| Alaska 2023 | 10,394 | 100.0% | \$7,462 | \$83,015,142 |
| Alaska 2022 | 9,536 | - | \$6,868 | \$70,540,470 |
| Alaska 2021 | 9,645 | - | \$6,573 | \$67,936,584 |

Table 33. #5: Superficial Injury, Contusion, Initial Encounter (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 4,874 | 51.1% | \$2,393 | \$21,914,936 |
| Sex: Female | 4,653 | 48.8% | \$2,413 | \$20,696,875 |
| Race: White | 4,440 | 46.5% | \$2,656 | \$22,053,834 |
| Race: AI/AN | 3,169 | 33.2% | \$2,144 | \$12,030,868 |
| Race: Asian/PI | 519 | 5.4% | \$2,569 | \$2,344,360 |
| Race: Black | 373 | 3.9% | \$2,577 | \$2,014,354 |
| Ethnicity: Hispanic | 434 | 4.5% | \$2,405 | \$1,994,298 |
| Age Group: <15 | 1,798 | 18.8% | \$1,650 | \$4,047,501 |
| Age Group: 15-24 | 1,424 | 14.9% | \$2,249 | \$5,527,845 |
| Age Group: 25-34 | 1,430 | 15.0% | \$2,363 | \$6,189,617 |
| Age Group: 35-44 | 1,306 | 13.7% | \$2,466 | \$5,750,649 |
| Age Group: 45-54 | 930 | 9.7% | \$2,966 | \$4,821,947 |
| Age Group: 55-64 | 1,041 | 10.9% | \$2,881 | \$5,163,735 |
| Age Group: 65-74 | 824 | 8.6% | \$4,112 | \$5,193,883 |
| Age Group: 75+ | 776 | 8.1% | \$6,252 | \$5,920,353 |
| Payer: Medicare | 1,584 | 16.6% | \$4,671 | \$10,817,378 |
| Payer: Medicaid | 3,601 | 37.7% | \$2,215 | \$13,985,894 |
| Payer: Commercial | 2,154 | 22.6% | \$2,319 | \$8,622,298 |
| Payer: Self Pay | 943 | 9.9% | \$2,304 | \$4,242,896 |
| Payer: Other | 1,261 | 13.2% | \$2,295 | \$4,965,548 |
| Region: Anchorage | 3,923 | 41.1% | \$2,825 | \$20,085,797 |
| Region: Gulf Coast | 993 | 10.4% | \$2,846 | \$4,991,343 |
| Region: Interior | 1,041 | 10.9% | \$1,965 | \$3,556,905 |
| Region: Mat-Su | 992 | 10.4% | \$2,634 | \$5,309,809 |
| Region: Northern | 692 | 7.3% | \$1,780 | \$2,117,526 |
| Region: Southeast | 777 | 8.1% | \$1,535 | \$2,585,079 |
| Region: Southwest | 682 | 7.1% | \$1,701 | \$1,990,418 |
| Region: Out of State | 412 | 4.3% | \$2,603 | \$1,938,662 |
| Alaska 2023 | 9,543 | 100.0% | \$2,403 | \$42,634,015 |
| Alaska 2022 | 8,979 | - | \$2,162 | \$35,074,576 |
| Alaska 2021 | 8,648 | - | \$2,082 | \$32,174,949 |

Table 34. #6: Musculoskeletal Pain, Not Low Back Pain (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 4,295 | 46.3% | \$2,552 | \$16,767,909 |
| Sex: Female | 4,970 | 53.6% | \$2,759 | \$20,603,139 |
| Race: White | 4,004 | 43.1% | \$3,262 | \$18,465,065 |
| Race: AI/AN | 3,605 | 38.8% | \$2,199 | \$11,823,181 |
| Race: Asian/PI | 481 | 5.2% | \$3,624 | \$2,281,182 |
| Race: Black | 452 | 4.9% | \$3,290 | \$1,988,336 |
| Ethnicity: Hispanic | 342 | 3.7% | \$3,144 | \$1,477,981 |
| Age Group: <15 | 755 | 8.1% | \$2,187 | \$1,995,700 |
| Age Group: 15-24 | 1,001 | 10.8% | \$2,358 | \$3,441,315 |
| Age Group: 25-34 | 1,298 | 14.0% | \$2,489 | \$4,941,550 |
| Age Group: 35-44 | 1,499 | 16.2% | \$2,621 | \$5,796,232 |
| Age Group: 45-54 | 1,328 | 14.3% | \$2,831 | \$5,611,210 |
| Age Group: 55-64 | 1,490 | 16.1% | \$2,764 | \$6,167,731 |
| Age Group: 65-74 | 1,129 | 12.2% | \$3,197 | \$5,254,556 |
| Age Group: 75+ | 765 | 8.2% | \$4,101 | \$4,162,718 |
| Payer: Medicare | 1,969 | 21.2% | \$3,377 | \$9,408,853 |
| Payer: Medicaid | 3,442 | 37.1% | \$2,404 | \$12,453,913 |
| Payer: Commercial | 2,009 | 21.6% | \$2,821 | \$8,383,389 |
| Payer: Self Pay | 855 | 9.2% | \$2,468 | \$3,076,216 |
| Payer: Other | 1,005 | 10.8% | \$2,572 | \$4,084,265 |
| Region: Anchorage | 3,737 | 40.3% | \$3,109 | \$17,270,339 |
| Region: Gulf Coast | 893 | 9.6% | \$3,054 | \$4,027,474 |
| Region: Interior | 721 | 7.8% | \$2,214 | \$2,465,058 |
| Region: Mat-Su | 1,396 | 15.0% | \$3,110 | \$6,734,320 |
| Region: Northern | 571 | 6.2% | \$1,863 | \$1,542,558 |
| Region: Southeast | 674 | 7.3% | \$1,773 | \$1,775,818 |
| Region: Southwest | 1,012 | 10.9% | \$1,839 | \$2,526,277 |
| Region: Out of State | 248 | 2.7% | \$2,924 | \$986,754 |
| Alaska 2023 | 9,280 | 100.0% | \$2,643 | \$37,406,635 |
| Alaska 2022 | 8,265 | - | \$2,437 | \$30,407,410 |
| Alaska 2021 | 7,609 | - | \$2,364 | \$26,890,633 |

Table 35. #7: Skin and Subcutaneous Tissue Infections (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 5,082 | 57.3% | \$2,208 | \$19,310,545 |
| Sex: Female | 3,775 | 42.6% | \$2,105 | \$13,682,659 |
| Race: White | 3,583 | 40.4% | \$2,751 | \$15,651,697 |
| Race: AI/AN | 3,746 | 42.3% | \$1,772 | \$11,297,804 |
| Race: Asian/PI | 413 | 4.7% | \$2,953 | \$2,011,430 |
| Race: Black | 304 | 3.4% | \$2,636 | \$1,216,358 |
| Ethnicity: Hispanic | 297 | 3.4% | \$2,477 | \$1,326,053 |
| Age Group: <15 | 1,207 | 13.6% | \$1,538 | \$2,583,376 |
| Age Group: 15-24 | 969 | 10.9% | \$1,973 | \$2,905,575 |
| Age Group: 25-34 | 1,605 | 18.1% | \$2,097 | \$5,624,368 |
| Age Group: 35-44 | 1,706 | 19.2% | \$2,435 | \$6,983,331 |
| Age Group: 45-54 | 1,289 | 14.5% | \$2,499 | \$5,360,634 |
| Age Group: 55-64 | 1,040 | 11.7% | \$2,933 | \$4,736,671 |
| Age Group: 65-74 | 672 | 7.6% | \$2,829 | \$3,044,844 |
| Age Group: 75+ | 370 | 4.2% | \$3,086 | \$1,766,349 |
| Payer: Medicare | 1,171 | 13.2% | \$3,145 | \$5,537,290 |
| Payer: Medicaid | 4,419 | 49.8% | \$2,088 | \$15,561,949 |
| Payer: Commercial | 1,633 | 18.4% | \$2,121 | \$6,210,068 |
| Payer: Self Pay | 926 | 10.4% | \$2,156 | \$3,354,896 |
| Payer: Other | 716 | 8.1% | \$1,979 | \$2,358,189 |
| Region: Anchorage | 3,514 | 39.6% | \$2,823 | \$15,921,190 |
| Region: Gulf Coast | 705 | 8.0% | \$2,580 | \$2,962,124 |
| Region: Interior | 772 | 8.7% | \$2,078 | \$2,416,478 |
| Region: Mat-Su | 1,009 | 11.4% | \$2,992 | \$4,572,724 |
| Region: Northern | 595 | 6.7% | \$1,618 | \$1,374,341 |
| Region: Southeast | 537 | 6.1% | \$1,466 | \$1,318,210 |
| Region: Southwest | 1,452 | 16.4% | \$1,531 | \$3,442,893 |
| Region: Out of State | 263 | 3.0% | \$2,397 | \$964,601 |
| Alaska 2023 | 8,865 | 100.0% | \$2,161 | \$33,022,392 |
| Alaska 2022 | 8,179 | - | \$2,088 | \$28,142,537 |
| Alaska 2021 | 7,385 | - | \$1,944 | \$22,753,892 |

Table 36. #8: Sprains and Strains, Initial Encounter (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 3,774 | 48.3% | \$2,432 | \$14,281,257 |
| Sex: Female | 4,028 | 51.5% | \$2,549 | \$16,497,454 |
| Race: White | 3,696 | 47.3% | \$2,634 | \$15,984,028 |
| Race: AI/AN | 2,093 | 26.8% | \$2,197 | \$6,482,815 |
| Race: Asian/PI | 627 | 8.0% | \$2,831 | \$2,519,399 |
| Race: Black | 551 | 7.0% | \$2,920 | \$2,466,702 |
| Ethnicity: Hispanic | 480 | 6.1% | \$2,886 | \$2,065,334 |
| Age Group: <15 | 851 | 10.9% | \$2,258 | \$2,252,578 |
| Age Group: 15-24 | 1,507 | 19.3% | \$2,408 | \$4,870,216 |
| Age Group: 25-34 | 1,463 | 18.7% | \$2,451 | \$5,434,543 |
| Age Group: 35-44 | 1,328 | 17.0% | \$2,555 | \$5,376,863 |
| Age Group: 45-54 | 916 | 11.7% | \$2,822 | \$4,258,818 |
| Age Group: 55-64 | 929 | 11.9% | \$2,831 | \$4,354,331 |
| Age Group: 65-74 | 549 | 7.0% | \$2,831 | \$2,537,131 |
| Age Group: 75+ | 262 | 3.3% | \$4,471 | \$1,701,926 |
| Payer: Medicare | 829 | 10.6% | \$3,262 | \$4,283,160 |
| Payer: Medicaid | 2,626 | 33.6% | \$2,469 | \$9,880,912 |
| Payer: Commercial | 2,317 | 29.6% | \$2,438 | \$9,047,162 |
| Payer: Self Pay | 764 | 9.8% | \$2,451 | \$2,845,847 |
| Payer: Other | 1,285 | 16.4% | \$2,368 | \$4,770,955 |
| Region: Anchorage | 3,540 | 45.3% | \$3,002 | \$16,725,392 |
| Region: Gulf Coast | 715 | 9.1% | \$2,853 | \$3,034,658 |
| Region: Interior | 1,053 | 13.5% | \$1,919 | \$2,806,175 |
| Region: Mat-Su | 621 | 7.9% | \$2,868 | \$3,038,329 |
| Region: Northern | 479 | 6.1% | \$1,827 | \$1,186,635 |
| Region: Southeast | 586 | 7.5% | \$1,493 | \$1,525,431 |
| Region: Southwest | 440 | 5.6% | \$1,884 | \$1,032,018 |
| Region: Out of State | 355 | 4.5% | \$2,670 | \$1,388,641 |
| Alaska 2023 | 7,821 | 100.0% | \$2,473 | \$30,828,036 |
| Alaska 2022 | 7,522 | - | \$2,320 | \$25,899,224 |
| Alaska 2021 | 6,980 | - | \$2,222 | \$22,398,735 |

Table 37. #9: Open Wounds to Limbs, Initial Encounter (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 4,628 | 61.8% | \$2,237 | \$14,577,075 |
| Sex: Female | 2,846 | 38.0% | \$2,213 | \$8,566,443 |
| Race: White | 3,909 | 52.2% | \$2,402 | \$12,731,709 |
| Race: AI/AN | 2,272 | 30.3% | \$1,777 | \$5,943,679 |
| Race: Asian/PI | 371 | 5.0% | \$2,452 | \$1,201,928 |
| Race: Black | 240 | 3.2% | \$2,587 | \$1,074,506 |
| Ethnicity: Hispanic | 340 | 4.5% | \$2,415 | \$1,142,799 |
| Age Group: <15 | 1,052 | 14.0% | \$1,848 | \$2,490,460 |
| Age Group: 15-24 | 1,410 | 18.8% | \$2,236 | \$4,573,315 |
| Age Group: 25-34 | 1,497 | 20.0% | \$2,236 | \$4,787,618 |
| Age Group: 35-44 | 1,242 | 16.6% | \$2,259 | \$3,840,091 |
| Age Group: 45-54 | 787 | 10.5% | \$2,326 | \$2,488,258 |
| Age Group: 55-64 | 686 | 9.2% | \$2,290 | \$2,110,395 |
| Age Group: 65-74 | 472 | 6.3% | \$2,380 | \$1,512,194 |
| Age Group: 75+ | 328 | 4.4% | \$2,552 | \$1,327,194 |
| Payer: Medicare | 781 | 10.4% | \$2,436 | \$2,847,136 |
| Payer: Medicaid | 2,512 | 33.5% | \$2,189 | \$8,068,553 |
| Payer: Commercial | 2,045 | 27.3% | \$2,236 | \$5,765,143 |
| Payer: Self Pay | 862 | 11.5% | \$2,246 | \$2,834,288 |
| Payer: Other | 1,289 | 17.2% | \$2,236 | \$3,656,140 |
| Region: Anchorage | 2,889 | 38.6% | \$2,368 | \$10,086,451 |
| Region: Gulf Coast | 846 | 11.3% | \$2,472 | \$2,647,325 |
| Region: Interior | 679 | 9.1% | \$2,236 | \$1,703,180 |
| Region: Mat-Su | 994 | 13.3% | \$3,344 | \$4,026,516 |
| Region: Northern | 393 | 5.2% | \$1,647 | \$960,789 |
| Region: Southeast | 732 | 9.8% | \$1,243 | \$1,314,695 |
| Region: Southwest | 535 | 7.1% | \$1,567 | \$1,269,709 |
| Region: Out of State | 390 | 5.2% | \$2,236 | \$1,078,053 |
| Alaska 2023 | 7,489 | 100.0% | \$2,236 | \$23,171,259 |
| Alaska 2022 | 6,937 | - | \$2,051 | \$20,083,016 |
| Alaska 2021 | 6,909 | - | \$1,872 | \$17,623,931 |

Table 38. #10: Respiratory Signs and Symptoms (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 3,312 | 49.8% | \$3,141 | \$15,940,631 |
| Sex: Female | 3,339 | 50.2% | \$3,507 | \$17,119,429 |
| Race: White | 2,680 | 40.3% | \$4,712 | \$16,388,131 |
| Race: AI/AN | 2,730 | 41.0% | \$2,472 | \$10,743,088 |
| Race: Asian/PI | 466 | 7.0% | \$4,230 | \$2,464,520 |
| Race: Black | 262 | 3.9% | \$3,769 | \$1,369,246 |
| Ethnicity: Hispanic | 220 | 3.3% | \$3,825 | \$1,163,722 |
| Age Group: <15 | 1,425 | 21.4% | \$1,935 | \$3,579,430 |
| Age Group: 15-24 | 620 | 9.3% | \$2,680 | \$2,438,610 |
| Age Group: 25-34 | 732 | 11.0% | \$3,664 | \$3,645,589 |
| Age Group: 35-44 | 735 | 11.0% | \$4,061 | \$4,015,209 |
| Age Group: 45-54 | 670 | 10.1% | \$4,572 | \$3,908,843 |
| Age Group: 55-64 | 843 | 12.7% | \$4,559 | \$5,330,007 |
| Age Group: 65-74 | 880 | 13.2% | \$4,817 | \$5,307,613 |
| Age Group: 75+ | 746 | 11.2% | \$5,201 | \$4,834,759 |
| Payer: Medicare | 1,547 | 23.3% | \$5,359 | \$10,018,101 |
| Payer: Medicaid | 2,537 | 38.1% | \$2,707 | \$10,718,328 |
| Payer: Commercial | 1,395 | 21.0% | \$3,699 | \$7,323,243 |
| Payer: Self Pay | 572 | 8.6% | \$2,680 | \$2,344,317 |
| Payer: Other | 602 | 9.0% | \$2,833 | \$2,661,898 |
| Region: Anchorage | 2,715 | 40.8% | \$3,937 | \$15,028,739 |
| Region: Gulf Coast | 498 | 7.5% | \$4,148 | \$2,867,135 |
| Region: Interior | 668 | 10.0% | \$3,413 | \$2,766,722 |
| Region: Mat-Su | 941 | 14.1% | \$4,874 | \$6,308,332 |
| Region: Northern | 344 | 5.2% | \$1,992 | \$1,136,246 |
| Region: Southeast | 421 | 6.3% | \$2,722 | \$1,654,434 |
| Region: Southwest | 890 | 13.4% | \$2,197 | \$2,505,709 |
| Region: Out of State | 165 | 2.5% | \$3,097 | \$756,007 |
| Alaska 2023 | 6,653 | 100.0% | \$3,357 | \$33,065,888 |
| Alaska 2022 | 6,839 | - | \$2,704 | \$28,913,065 |
| Alaska 2021 | 5,321 | - | \$3,227 | \$24,144,922 |

Leading Causes of Emergency Department Visits by Principal Diagnoses (CCSR and ICD-10-CM Diagnosis Categories)

Table 39. Top Ten Emergency Department Visit CCSR Categories with Top Three ICD-10-CM Principal Diagnoses (2023)

| Rank | CCSR Diagnosis Category | Top Three Principal Diagnoses |
|------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Abdominal pain and other digestive/abdomen signs and symptoms 13,788 (4.8%) | Unspecified abdominal pain (3,370) Epigastric pain (2,033) Right lower quadrant pain (1,644) |
| 2 | Other specified upper respiratory infections 11,767 (4.1%) | Acute upper respiratory infection, unspecified (5,491) Acute pharyngitis, unspecified (2,715) Streptococcal pharyngitis (2,314) |
| 3 | Alcohol-related disorders 10,404 (3.6%) | Alcohol abuse with intoxication, unspecified (3,710) Alcohol dependence with withdrawal, unspecified (1,228) Alcohol abuse with intoxication, uncomplicated (1,000) |
| 4 | Nonspecific chest pain 10,394 (3.6%) | Chest pain, unspecified (5,108) Other chest pain (4,892) Precordial pain (394) |
| 5 | Superficial injury; contusion, initial encounter 9,543 (3.3%) | Contusion of other part of head, initial encounter (718) Contusion of scalp, initial encounter (536) Injury of conjunctiva and corneal abrasion without foreign body, left eye, initial encounter (301) |
| 6 | Musculoskeletal pain, not low back pain 9,280 (3.3%) | Pain in right knee (784) Pain in left knee (753) Pain in right shoulder (660) |
| 7 | Skin and subcutaneous tissue infections 8,865 (3.1%) | Cellulitis of left lower limb (1,057) Cellulitis of right lower limb (1,007) Impetigo, unspecified (431) |
| 8 | Sprains and strains, initial encounter 7,821 (2.7%) | Strain of muscle, fascia and tendon at neck level, initial encounter (993) Strain of muscle, fascia and tendon of lower back, initial encounter (965) Sprain of unspecified ligament of right ankle, initial encounter (715) |

| Rank | CCSR Diagnosis Category | Top Three Principal Diagnoses |
|------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9 | Open wounds to limbs, initial encounter 7,489 (2.6%) | Laceration without foreign body of left index finger without damage to nail, initial encounter (548) Laceration without foreign body of left hand, initial encounter (502) Laceration without foreign body of left thumb without damage to nail, initial encounter (417) |
| 10 | Respiratory signs and symptoms 6,653 (2.3%) | Cough, unspecified (1,832) Shortness of breath (1,029) Epistaxis (909) |

Leading Causes of Emergency Department Visits by Public Health Region (CCSR Diagnosis Categories)

Table 40. Top Ten Leading Causes of Emergency Department Visits by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 | Abdominal pain and other digestive/abdomen signs and symptoms 5,611 (4.8%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,202 (4.7%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,750 (5.9%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,814 (5.6%) | Alcohol-related disorders 1,465 (7.4%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,153 (5.2%) | Other specified upper respiratory infections 2,185 (7.4%) | Abdominal pain and other digestive/abdomen signs and symptoms 13,788 (4.8%) |
| 2 | Other specified upper respiratory infections 5,479 (4.7%) | Superficial injury; contusion, initial encounter 993 (3.9%) | Alcohol-related disorders 1,487 (5.1%) | Nonspecific chest pain 1,566 (4.8%) | Code is unacceptable as a first-listed diagnosis DX1 (only used for the outpatient default CCSR) 898 (4.5%) | Alcohol-related disorders 977 (4.4%) | Alcohol-related disorders 1,532 (5.2%) | Other specified upper respiratory infections 11,767 (4.1%) |
| 3 | Nonspecific chest pain 4,550 (3.9%) | Nonspecific chest pain 916 (3.6%) | Nonspecific chest pain 1,218 (4.1%) | Musculoskeletal pain, not low back pain 1,396 (4.3%) | Other specified upper respiratory infections 736 (3.7%) | Nonspecific chest pain 903 (4.1%) | Skin and subcutaneous tissue infections 1,452 (4.9%) | Alcohol-related disorders 10,404 (3.7%) |
| 4 | Superficial injury; contusion, initial encounter 3,923 (3.4%) | Musculoskeletal pain, not low back pain 893 (3.5%) | Sprains and strains, initial encounter 1,053 (3.6%) | Skin and subcutaneous tissue infections 1,009 (3.1%) | Superficial injury; contusion, initial encounter 692 (3.5%) | Superficial injury; contusion, initial encounter 777 (3.5%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,208 (4.1%) | Nonspecific chest pain 10,394 (3.6%) |
| 5 | Musculoskeletal pain, not low back pain 3,737 (3.2%) | Open wounds to limbs, initial encounter 846 (3.3%) | Superficial injury; contusion, initial encounter 1,041 (3.5%) | Open wounds to limbs, initial encounter 994 (3.1%) | Abdominal pain and other digestive/abdomen signs and symptoms 673 (3.4%) | Open wounds to limbs, initial encounter 732 (3.3%) | Musculoskeletal pain, not low back pain 1,012 (3.4%) | Superficial injury; contusion, initial encounter 9,543 (3.4%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|---------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------|
| 6 | Alcohol-related disorders 3,605 (3.1%) | Sprains and strains, initial encounter 715 (2.8%) | Other specified upper respiratory infections 866 (2.9%) | Superficial injury; contusion, initial encounter 992 (3.1%) | Skin and subcutaneous tissue infections 595 (3.0%) | Musculoskeletal pain, not low back pain 674 (3.1%) | Respiratory signs and symptoms 890 (3.0%) | Musculoskeletal pain, not low back pain 9,280 (3.3%) |
| 7 | Sprains and strains, initial encounter 3,540 (3.1%) | Skin and subcutaneous tissue infections 705 (2.8%) | Skin and subcutaneous tissue infections 772 (2.6%) | Respiratory signs and symptoms 941 (2.9%) | Musculoskeletal pain, not low back pain 571 (2.9%) | Other specified upper respiratory infections 621 (2.8%) | Urinary tract infections 732 (2.5%) | Skin and subcutaneous tissue infections 8,865 (3.1%) |
| 8 | Skin and subcutaneous tissue infections 3,514 (3.0%) | Other specified upper respiratory infections 678 (2.7%) | Musculoskeletal pain, not low back pain 721 (2.5%) | Other specified upper respiratory infections 937 (2.9%) | Sprains and strains, initial encounter 479 (2.4%) | Sprains and strains, initial encounter 586 (2.7%) | Superficial injury; contusion, initial encounter 682 (2.3%) | Sprains and strains, initial encounter 7,821 (2.7%) |
| 9 | Open wounds to limbs, initial encounter 2,889 (2.5%) | Urinary tract infections 635 (2.5%) | Open wounds to limbs, initial encounter 679 (2.3%) | Nausea and vomiting 897 (2.8%) | Open wounds to limbs, initial encounter 393 (2.0%) | Skin and subcutaneous tissue infections 537 (2.4%) | Otitis media 666 (2.2%) | Open wounds to limbs, initial encounter 7,489 (2.6%) |
| 10 | Urinary tract infections 2,729 (2.4%) | Alcohol-related disorders 564 (2.2%) | Respiratory signs and symptoms 668 (2.3%) | Urinary tract infections 824 (2.5%) | Tobacco-related disorders 353 (1.8%) | Nausea and vomiting 505 (2.3%) | Nonspecific chest pain 606 (2.0%) | Respiratory signs and symptoms 6,653 (2.3%) |

Leading Causes of Emergency Department Visits by Age Group (CCSR Diagnosis Categories)

Table 41. Top Ten Leading Causes of Emergency Department Visits by Age Group (2023)

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|---------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 | Other specified upper respiratory infections 2,779 (13.3%) | Other specified upper respiratory infections 2,498 (11.5%) | Abdominal pain and other digestive/abdomen signs and symptoms 2,126 (5.8%) | Abdominal pain and other digestive/abdomen signs and symptoms 2,538 (5.4%) | Alcohol-related disorders 3,139 (7.3%) | Alcohol-related disorders 1,916 (5.9%) | Nonspecific chest pain 1,932 (5.7%) | Nonspecific chest pain 2,423 (4.9%) | Abdominal pain and other digestive/abdomen signs and symptoms 13,788 (4.8%) |
| 2 | Fever 1,163 (5.6%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,175 (5.4%) | Other specified upper respiratory infections 1,713 (4.6%) | Alcohol-related disorders 2,381 (5.1%) | Abdominal pain and other digestive/abdomen signs and symptoms 2,338 (5.4%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,736 (5.4%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,596 (4.7%) | Musculoskeletal pain, not low back pain 1,894 (3.8%) | Other specified upper respiratory infections 11,767 (4.1%) |
| 3 | Otitis media 1,162 (5.6%) | Superficial injury; contusion, initial encounter 1,106 (5.1%) | Sprains and strains, initial encounter 1,507 (4.1%) | Other specified upper respiratory infections 1,739 (3.7%) | Skin and subcutaneous tissue infections 1,706 (4.0%) | Nonspecific chest pain 1,703 (5.3%) | Alcohol-related disorders 1,497 (4.4%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,856 (3.8%) | Alcohol-related disorders 10,404 (3.7%) |
| 4 | Acute bronchitis 972 (4.7%) | Fracture of the upper limb, initial encounter 888 (4.1%) | Superficial injury; contusion, initial encounter 1,424 (3.9%) | Other specified complications in pregnancy 1,672 (3.6%) | Nonspecific chest pain 1,701 (4.0%) | Musculoskeletal pain, not low back pain 1,328 (4.1%) | Musculoskeletal pain, not low back pain 1,490 (4.4%) | Urinary tract infections 1,800 (3.7%) | Nonspecific chest pain 10,394 (3.6%) |
| 5 | Viral infection 882 (4.2%) | Open wounds to limbs, initial encounter 837 (3.9%) | Open wounds to limbs, initial encounter 1,410 (3.8%) | Skin and subcutaneous tissue infections 1,605 (3.4%) | Musculoskeletal pain, not low back pain 1,499 (3.5%) | Skin and subcutaneous tissue infections 1,289 (4.0%) | Superficial injury; contusion, initial encounter 1,041 (3.1%) | Respiratory signs and symptoms 1,626 (3.3%) | Superficial injury; contusion, initial encounter 9,543 (3.4%) |

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|----------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------|
| 6 | Respiratory signs and symptoms 875 (4.2%) | Sprains and strains, initial encounter 794 (3.7%) | Other specified complications in pregnancy 1,275 (3.5%) | Open wounds to limbs, initial encounter 1,497 (3.2%) | Sprains and strains, initial encounter 1,328 (3.1%) | Superficial injury; contusion, initial encounter 930 (2.9%) | Skin and subcutaneous tissue infections 1,040 (3.1%) | Superficial injury; contusion, initial encounter 1,600 (3.2%) | Musculoskeletal pain, not low back pain 9,280 (3.3%) |
| 7 | Nausea and vomiting 833 (4.0%) | Otitis media 786 (3.6%) | Nausea and vomiting 1,104 (3.0%) | Nonspecific chest pain 1,490 (3.2%) | Superficial injury; contusion, initial encounter 1,306 (3.0%) | Sprains and strains, initial encounter 916 (2.8%) | Sprains and strains, initial encounter 929 (2.7%) | Coronavirus disease – 2019 (COVID-19) 1,472 (3.0%) | Skin and subcutaneous tissue infections 8,865 (3.1%) |
| 8 | Open wounds of head and neck, initial encounter 763 (3.7%) | Open wounds of head and neck, initial encounter 680 (3.1%) | Musculoskeletal pain, not low back pain 1,001 (2.7%) | Sprains and strains, initial encounter 1,463 (3.1%) | Open wounds to limbs, initial encounter 1,242 (2.9%) | Open wounds to limbs, initial encounter 787 (2.4%) | Respiratory signs and symptoms 843 (2.5%) | Chronic obstructive pulmonary disease and bronchiectasis 1,131 (2.3%) | Sprains and strains, initial encounter 7,821 (2.7%) |
| 9 | Superficial injury; contusion, initial encounter 692 (3.3%) | Skin and subcutaneous tissue infections 647 (3.0%) | Skin and subcutaneous tissue infections 969 (2.6%) | Superficial injury; contusion, initial encounter 1,430 (3.1%) | Other specified upper respiratory infections 1,181 (2.7%) | Urinary tract infections 689 (2.1%) | Urinary tract infections 696 (2.0%) | Cardiac dysrhythmias 1,125 (2.3%) | Open wounds to limbs, initial encounter 7,489 (2.6%) |
| 10 | Influenza 643 (3.1%) | Influenza 626 (2.9%) | Urinary tract infections 952 (2.6%) | Musculoskeletal pain, not low back pain 1,298 (2.8%) | Urinary tract infections 926 (2.2%) | Other specified upper respiratory infections 676 (2.1%) | Open wounds to limbs, initial encounter 686 (2.0%) | Skin and subcutaneous tissue infections 1,042 (2.1%) | Respiratory signs and symptoms 6,653 (2.3%) |

Outpatient Surgical Procedures

Methodology

Outpatient surgery in this section is defined by procedures identified using the Healthcare Cost and Utilization Project (HCUP) [Surgery Flag Software](#). The flagged procedures include major therapeutic procedures, invasive minor therapeutic procedures, and major diagnostic procedures. The surgery procedures are from ambulatory surgery center (ASC) billing records and from *all* outpatient hospital discharge records (including any surgery procedures found in the outpatient emergency department discharges).

The American Medical Association's *Current Procedural Terminology* (CPT) is the industry standard for coding outpatient medical procedures. An outpatient bill might have no surgery CPT codes in its itemized list or many. This section has two tables by geographic region: first region by [major CPT defined categories](#) and then region by more specific minor CPT defined categories. For example, one major CPT category is *Surgical Procedures on the Digestive System (CPT range 40490-49999)*, and two of the minor CPT categories within that major category are *Surgical Procedures on the Colon and Rectum (CPT range 45000-45999)*, and *Surgical Procedures on the Esophagus (CPT range 43020-43499)*.

The ten leading cause tables by procedure category are only for the more specific, minor CPT categories. HCUP flagged surgeries are categorized and counted each time they are listed on the billing records. A single visit can have more than one surgical procedure listed, and each flagged procedure is counted. The "Total Charges" column only includes itemized charges for the surgery procedures themselves, which is not necessarily the charge for the entire visit. Due to billing circumstances, some surgery procedure listings do not have an associated billed dollar amount. Therefore, in addition to the "Procedures" count column, a "Total Charges Count" column was added to identify the number of listings for each procedure that had an associated charge included.

Data Highlights

- In 2023, there were 153,606 outpatient surgical procedures in Alaska, generating ~\$1.2 billion in billed charges.
- The median billed charge for a procedure was \$3,822.
- Commercial insurance was the most common primary payer at 37.6% of procedures, followed by Medicare at 28.3%.
- The top three leading causes of surgical procedures by minor CPT category were:
 1. *Surgical procedures on the colon and rectum* (26,620 procedures), with a median charge of \$3,329.
 2. *Surgical procedures on the esophagus* (16,578 procedures), with a median charge of \$2,786.
 3. *Surgical repair (closure) procedures on the integumentary system* (10,357 procedures), with a median charge of \$770.

Surgical Procedures by Characteristic

Table 42. All Surgical Procedures (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|-----------------|
| Sex: Male | 73,153 | 47.6% | \$3,792 | 67,250 | \$559,528,452 |
| Sex: Female | 80,386 | 52.3% | \$3,912 | 73,907 | \$633,799,033 |
| Race: White | 97,676 | 63.6% | \$3,329 | 90,858 | \$689,497,615 |
| Race: AI/AN | 19,967 | 13.0% | \$3,973 | 16,357 | \$128,365,003 |
| Race: Asian/PI | 6,511 | 4.2% | \$3,570 | 5,925 | \$41,350,455 |
| Race: Black | 3,861 | 2.5% | \$3,570 | 3,456 | \$23,754,392 |
| Ethnicity: Hispanic | 5,078 | 3.3% | \$3,570 | 4,622 | \$33,190,839 |
| Age Group: <15 | 9,678 | 6.3% | \$3,792 | 9,147 | \$72,074,659 |
| Age Group: 15-24 | 8,560 | 5.6% | \$3,500 | 7,779 | \$63,730,399 |
| Age Group: 25-34 | 13,010 | 8.5% | \$4,114 | 11,721 | \$101,009,190 |
| Age Group: 35-44 | 18,753 | 12.2% | \$5,172 | 16,989 | \$163,949,063 |
| Age Group: 45-54 | 23,841 | 15.5% | \$3,822 | 21,891 | \$184,967,729 |
| Age Group: 55-64 | 31,276 | 20.4% | \$3,912 | 28,671 | \$257,732,803 |
| Age Group: 65-74 | 32,733 | 21.3% | \$3,570 | 30,360 | \$243,426,785 |
| Age Group: 75+ | 15,714 | 10.2% | \$3,463 | 14,621 | \$106,700,717 |
| Payer: Medicare | 43,500 | 28.3% | \$3,500 | 40,490 | \$302,503,635 |
| Payer: Medicaid | 25,410 | 16.5% | \$3,711 | 22,413 | \$174,219,192 |
| Payer: Commercial | 57,714 | 37.6% | \$3,822 | 53,664 | \$450,413,707 |
| Payer: Self Pay | 6,749 | 4.4% | \$5,401 | 5,759 | \$52,801,071 |
| Payer: Other | 20,225 | 13.2% | \$6,396 | 18,882 | \$213,785,658 |
| Region: Anchorage | 57,889 | 37.7% | \$4,700 | 51,517 | \$507,612,570 |
| Region: Gulf Coast | 40,481 | 26.4% | \$1,863 | 39,802 | \$185,185,276 |
| Region: Interior | 11,221 | 7.3% | \$2,827 | 10,746 | \$75,901,597 |
| Region: Mat-Su | 24,007 | 15.6% | \$8,240 | 21,304 | \$312,617,158 |
| Region: Northern | 3,818 | 2.5% | \$3,444 | 3,288 | \$24,677,401 |
| Region: Southeast | 8,623 | 5.6% | \$2,489 | 8,356 | \$43,901,284 |
| Region: Southwest | 5,576 | 3.6% | \$3,973 | 4,347 | \$34,409,865 |
| Region: Out of State | 1,867 | 1.2% | \$1,089 | 1,741 | \$8,976,338 |
| Alaska 2023 | 153,606 | 100.0% | \$3,822 | 141,216 | \$1,193,751,231 |
| Alaska 2022 | 146,838 | - | \$3,570 | 136,489 | \$1,080,451,529 |
| Alaska 2021 | 150,117 | - | \$3,463 | 139,734 | \$1,018,750,999 |

Leading Causes of Surgical Procedures by Characteristic (Minor CPT Categories)

Table 43. #1: Surgical Procedures on the Colon and Rectum (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Male | 13,658 | 51.3% | \$3,161 | 12,572 | \$39,759,445 |
| Sex: Female | 12,959 | 48.7% | \$3,496 | 11,898 | \$39,301,433 |
| Race: White | 18,339 | 68.9% | \$2,706 | 17,282 | \$51,827,601 |
| Race: AI/AN | 3,170 | 11.9% | \$3,155 | 2,347 | \$8,731,331 |
| Race: Asian/PI | 1,151 | 4.3% | \$3,570 | 1,070 | \$3,656,689 |
| Race: Black | 953 | 3.6% | \$3,570 | 900 | \$3,262,359 |
| Ethnicity: Hispanic | 1,030 | 3.9% | \$3,570 | 963 | \$3,480,974 |
| Age Group: <15 | 309 | 1.2% | \$1,438 | 309 | \$1,007,462 |
| Age Group: 15-24 | 551 | 2.1% | \$3,081 | 516 | \$1,764,438 |
| Age Group: 25-34 | 927 | 3.5% | \$3,570 | 830 | \$2,966,449 |
| Age Group: 35-44 | 2,168 | 8.1% | \$3,570 | 1,882 | \$6,737,019 |
| Age Group: 45-54 | 6,361 | 23.9% | \$3,570 | 5,924 | \$19,959,628 |
| Age Group: 55-64 | 7,180 | 27.0% | \$3,496 | 6,560 | \$21,606,922 |
| Age Group: 65-74 | 7,042 | 26.5% | \$2,706 | 6,545 | \$19,112,984 |
| Age Group: 75+ | 2,082 | 7.8% | \$3,069 | 1,907 | \$5,926,680 |
| Payer: Medicare | 7,721 | 29.0% | \$2,705 | 7,211 | \$21,205,499 |
| Payer: Medicaid | 3,125 | 11.7% | \$3,161 | 2,690 | \$9,032,849 |
| Payer: Commercial | 12,383 | 46.5% | \$3,570 | 11,569 | \$38,381,588 |
| Payer: Self Pay | 733 | 2.8% | \$5,401 | 516 | \$2,326,348 |
| Payer: Other | 2,653 | 10.0% | \$3,069 | 2,482 | \$8,115,187 |
| Region: Anchorage | 9,877 | 37.1% | \$3,711 | 8,756 | \$35,750,422 |
| Region: Gulf Coast | 7,899 | 29.7% | \$776 | 7,772 | \$14,903,145 |
| Region: Interior | 2,390 | 9.0% | \$1,853 | 2,350 | \$4,874,777 |
| Region: Mat-Su | 3,255 | 12.2% | \$5,880 | 2,807 | \$15,589,578 |
| Region: Northern | 599 | 2.3% | \$3,234 | 451 | \$1,762,548 |
| Region: Southeast | 1,686 | 6.3% | \$2,034 | 1,631 | \$3,581,067 |
| Region: Southwest | 812 | 3.1% | \$3,570 | 608 | \$2,301,310 |
| Region: Out of State | 100 | 0.4% | \$2,706 | 96 | \$307,193 |
| Alaska 2023 | 26,620 | 100.0% | \$3,329 | 24,473 | \$79,081,582 |
| Alaska 2022 | 25,216 | - | \$3,069 | 24,054 | \$71,103,588 |
| Alaska 2021 | 24,535 | - | \$2,665 | 23,269 | \$65,699,070 |

Table 44. #2 Surgical Procedures on the Esophagus (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Male | 7,506 | 45.3% | \$2,710 | 6,629 | \$20,627,341 |
| Sex: Female | 9,069 | 54.7% | \$2,786 | 7,981 | \$26,144,754 |
| Race: White | 11,387 | 68.7% | \$2,521 | 10,343 | \$30,455,669 |
| Race: AI/AN | 2,029 | 12.2% | \$3,048 | 1,315 | \$5,740,536 |
| Race: Asian/PI | 635 | 3.8% | \$2,786 | 566 | \$1,804,779 |
| Race: Black | 557 | 3.4% | \$2,786 | 517 | \$1,689,255 |
| Ethnicity: Hispanic | 661 | 4.0% | \$2,786 | 603 | \$1,989,120 |
| Age Group: <15 | 756 | 4.6% | \$1,784 | 755 | \$2,471,434 |
| Age Group: 15-24 | 753 | 4.5% | \$2,786 | 693 | \$2,540,331 |
| Age Group: 25-34 | 1,262 | 7.6% | \$3,048 | 1,088 | \$3,753,256 |
| Age Group: 35-44 | 2,189 | 13.2% | \$2,786 | 1,905 | \$6,435,573 |
| Age Group: 45-54 | 2,705 | 16.3% | \$2,786 | 2,364 | \$7,553,353 |
| Age Group: 55-64 | 3,695 | 22.3% | \$2,786 | 3,158 | \$10,524,711 |
| Age Group: 65-74 | 3,446 | 20.8% | \$2,542 | 3,068 | \$8,750,286 |
| Age Group: 75+ | 1,772 | 10.7% | \$2,368 | 1,579 | \$4,743,151 |
| Payer: Medicare | 4,798 | 28.9% | \$2,521 | 4,331 | \$12,363,447 |
| Payer: Medicaid | 2,901 | 17.5% | \$2,786 | 2,395 | \$8,073,322 |
| Payer: Commercial | 6,565 | 39.6% | \$2,786 | 5,923 | \$19,714,858 |
| Payer: Self Pay | 470 | 2.8% | \$3,056 | 300 | \$1,514,212 |
| Payer: Other | 1,842 | 11.1% | \$2,710 | 1,659 | \$5,100,685 |
| Region: Anchorage | 6,018 | 36.3% | \$3,148 | 5,162 | \$19,259,600 |
| Region: Gulf Coast | 4,674 | 28.2% | \$782 | 4,579 | \$8,541,531 |
| Region: Interior | 1,367 | 8.2% | \$2,059 | 1,311 | \$3,427,958 |
| Region: Mat-Su | 2,541 | 15.3% | \$6,247 | 1,928 | \$10,501,224 |
| Region: Northern | 323 | 1.9% | \$3,353 | 195 | \$1,060,947 |
| Region: Southeast | 1,093 | 6.6% | \$2,034 | 1,047 | \$2,601,434 |
| Region: Southwest | 446 | 2.7% | \$3,048 | 280 | \$1,086,846 |
| Region: Out of State | 110 | 0.7% | \$2,357 | 102 | \$282,701 |
| Alaska 2023 | 16,578 | 100.0% | \$2,786 | 14,610 | \$46,772,095 |
| Alaska 2022 | 15,268 | - | \$2,710 | 14,276 | \$40,843,533 |
| Alaska 2021 | 15,616 | - | \$2,020 | 14,552 | \$39,390,536 |

Table 45. #3: Surgical Repair (Closure) Procedures on the Integumentary System (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Male | 6,395 | 61.7% | \$726 | 5,475 | \$10,452,647 |
| Sex: Female | 3,939 | 38.0% | \$770 | 3,418 | \$10,875,599 |
| Race: White | 5,908 | 57.0% | \$770 | 5,175 | \$10,487,875 |
| Race: AI/AN | 2,135 | 20.6% | \$573 | 1,812 | \$2,917,400 |
| Race: Asian/PI | 527 | 5.1% | \$770 | 415 | \$708,040 |
| Race: Black | 286 | 2.8% | \$770 | 202 | \$312,374 |
| Ethnicity: Hispanic | 439 | 4.2% | \$770 | 353 | \$498,496 |
| Age Group: <15 | 1,585 | 15.3% | \$586 | 1,413 | \$1,573,717 |
| Age Group: 15-24 | 1,343 | 13.0% | \$598 | 1,134 | \$1,379,131 |
| Age Group: 25-34 | 1,517 | 14.6% | \$600 | 1,250 | \$2,024,819 |
| Age Group: 35-44 | 1,415 | 13.7% | \$756 | 1,192 | \$3,604,574 |
| Age Group: 45-54 | 1,071 | 10.3% | \$770 | 918 | \$3,018,746 |
| Age Group: 55-64 | 1,218 | 11.8% | \$774 | 1,049 | \$3,695,517 |
| Age Group: 65-74 | 1,293 | 12.5% | \$1,006 | 1,153 | \$3,956,830 |
| Age Group: 75+ | 894 | 8.6% | \$770 | 786 | \$2,075,860 |
| Payer: Medicare | 2,012 | 19.4% | \$886 | 1,780 | \$5,530,271 |
| Payer: Medicaid | 2,426 | 23.4% | \$586 | 2,006 | \$3,061,612 |
| Payer: Commercial | 3,220 | 31.1% | \$770 | 2,846 | \$5,737,296 |
| Payer: Self Pay | 1,176 | 11.4% | \$770 | 1,001 | \$4,537,279 |
| Payer: Other | 1,523 | 14.7% | \$646 | 1,283 | \$2,474,727 |
| Region: Anchorage | 3,873 | 37.4% | \$872 | 2,857 | \$9,694,330 |
| Region: Gulf Coast | 1,816 | 17.5% | \$636 | 1,797 | \$2,506,552 |
| Region: Interior | 1,122 | 10.8% | \$586 | 1,050 | \$1,279,482 |
| Region: Mat-Su | 921 | 8.9% | \$4,077 | 820 | \$4,919,926 |
| Region: Northern | 490 | 4.7% | \$1,208 | 475 | \$692,234 |
| Region: Southeast | 963 | 9.3% | \$315 | 955 | \$878,644 |
| Region: Southwest | 568 | 5.5% | \$349 | 408 | \$780,127 |
| Region: Out of State | 556 | 5.4% | \$598 | 509 | \$527,408 |
| Alaska 2023 | 10,357 | 100.0% | \$770 | 8,916 | \$21,341,185 |
| Alaska 2022 | 10,027 | - | \$698 | 8,668 | \$20,334,329 |
| Alaska 2021 | 10,272 | - | \$635 | 8,982 | \$19,980,230 |

Table 46. #4: Surgical Procedures on the Anterior Segment of the Eye (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Male | 3,692 | 43.3% | \$4,304 | 3,682 | \$19,734,053 |
| Sex: Female | 4,835 | 56.7% | \$3,912 | 4,831 | \$24,149,486 |
| Race: White | 4,420 | 51.8% | \$3,912 | 4,414 | \$19,006,572 |
| Race: AI/AN | 822 | 9.6% | \$7,758 | 815 | \$5,950,471 |
| Race: Asian/PI | 454 | 5.3% | \$3,912 | 453 | \$2,295,992 |
| Race: Black | 126 | 1.5% | \$3,912 | 126 | \$679,377 |
| Ethnicity: Hispanic | 93 | 1.1% | \$3,463 | 93 | \$549,480 |
| Age Group: <15 | 15 | 0.2% | \$7,066 | 15 | \$97,569 |
| Age Group: 15-24 | 12 | 0.1% | \$9,859 | 12 | \$112,383 |
| Age Group: 25-34 | 40 | 0.5% | \$4,876 | 39 | \$260,442 |
| Age Group: 35-44 | 145 | 1.7% | \$5,960 | 145 | \$941,055 |
| Age Group: 45-54 | 375 | 4.4% | \$5,875 | 374 | \$2,268,787 |
| Age Group: 55-64 | 1,701 | 19.9% | \$5,960 | 1,697 | \$10,127,464 |
| Age Group: 65-74 | 3,718 | 43.6% | \$3,912 | 3,711 | \$18,497,559 |
| Age Group: 75+ | 2,521 | 29.6% | \$3,912 | 2,520 | \$11,578,280 |
| Payer: Medicare | 5,315 | 62.3% | \$3,912 | 5,312 | \$24,704,829 |
| Payer: Medicaid | 464 | 5.4% | \$7,758 | 460 | \$3,688,933 |
| Payer: Commercial | 1,812 | 21.3% | \$3,912 | 1,808 | \$9,795,965 |
| Payer: Self Pay | 173 | 2.0% | \$7,758 | 172 | \$1,338,349 |
| Payer: Other | 763 | 8.9% | \$5,875 | 761 | \$4,355,463 |
| Region: Anchorage | 3,721 | 43.6% | \$3,912 | 3,716 | \$19,077,413 |
| Region: Gulf Coast | 1,825 | 21.4% | \$3,463 | 1,824 | \$6,284,947 |
| Region: Interior | 788 | 9.2% | \$5,875 | 788 | \$5,125,024 |
| Region: Mat-Su | 1,269 | 14.9% | \$7,188 | 1,269 | \$8,248,777 |
| Region: Northern | 170 | 2.0% | \$7,758 | 169 | \$1,253,426 |
| Region: Southeast | 460 | 5.4% | \$3,912 | 457 | \$1,749,235 |
| Region: Southwest | 252 | 3.0% | \$7,758 | 249 | \$1,912,086 |
| Region: Out of State | 42 | 0.5% | \$3,912 | 41 | \$232,632 |
| Alaska 2023 | 8,527 | 100.0% | \$3,969 | 8,513 | \$43,883,539 |
| Alaska 2022 | 8,491 | - | \$3,912 | 8,483 | \$40,594,683 |
| Alaska 2021 | 9,073 | - | \$3,912 | 9,028 | \$44,050,529 |

Table 47. #5: Endoscopy/Arthroscopy Procedures on the Musculoskeletal System (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Male | 4,012 | 51.2% | \$16,212 | 3,662 | \$54,222,389 |
| Sex: Female | 3,820 | 48.7% | \$15,520 | 3,479 | \$50,474,756 |
| Race: White | 4,715 | 60.2% | \$11,410 | 4,312 | \$54,365,198 |
| Race: AI/AN | 679 | 8.7% | \$15,204 | 452 | \$8,093,363 |
| Race: Asian/PI | 171 | 2.2% | \$12,955 | 161 | \$2,246,619 |
| Race: Black | 100 | 1.3% | \$14,135 | 83 | \$1,149,473 |
| Ethnicity: Hispanic | 198 | 2.5% | \$12,955 | 157 | \$2,158,869 |
| Age Group: <15 | 105 | 1.3% | \$16,048 | 99 | \$1,673,646 |
| Age Group: 15-24 | 715 | 9.1% | \$17,563 | 625 | \$11,120,661 |
| Age Group: 25-34 | 756 | 9.6% | \$16,600 | 665 | \$11,323,343 |
| Age Group: 35-44 | 1,283 | 16.4% | \$16,600 | 1,182 | \$19,280,401 |
| Age Group: 45-54 | 1,572 | 20.1% | \$15,520 | 1,424 | \$20,348,110 |
| Age Group: 55-64 | 1,964 | 25.1% | \$14,135 | 1,804 | \$24,610,058 |
| Age Group: 65-74 | 1,185 | 15.1% | \$11,410 | 1,104 | \$13,990,570 |
| Age Group: 75+ | 252 | 3.2% | \$10,272 | 238 | \$2,350,356 |
| Payer: Medicare | 1,220 | 15.6% | \$10,564 | 1,118 | \$13,411,650 |
| Payer: Medicaid | 967 | 12.3% | \$15,090 | 771 | \$11,606,634 |
| Payer: Commercial | 2,957 | 37.7% | \$14,417 | 2,707 | \$38,936,225 |
| Payer: Self Pay | 257 | 3.3% | \$12,722 | 207 | \$3,107,720 |
| Payer: Other | 2,437 | 31.1% | \$16,600 | 2,342 | \$37,690,259 |
| Region: Anchorage | 2,634 | 33.6% | \$16,600 | 2,427 | \$43,049,521 |
| Region: Gulf Coast | 2,088 | 26.6% | \$5,911 | 2,056 | \$15,416,439 |
| Region: Interior | 584 | 7.5% | \$9,275 | 553 | \$7,231,582 |
| Region: Mat-Su | 1,781 | 22.7% | \$18,576 | 1,471 | \$30,986,018 |
| Region: Northern | 126 | 1.6% | \$16,600 | 81 | \$1,529,776 |
| Region: Southeast | 437 | 5.6% | \$6,877 | 422 | \$3,883,772 |
| Region: Southwest | 154 | 2.0% | \$17,686 | 105 | \$2,041,654 |
| Region: Out of State | 28 | 0.4% | \$19,356 | 26 | \$558,383 |
| Alaska 2023 | 7,838 | 100.0% | \$16,013 | 7,145 | \$104,752,487 |
| Alaska 2022 | 8,223 | - | \$14,762 | 7,541 | \$102,898,377 |
| Alaska 2021 | 9,232 | - | \$12,955 | 8,554 | \$106,417,440 |

Table 48. #6: Surgical Procedures on the Skin, Subcutaneous and Accessory Structures (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Male | 4,085 | 58.6% | \$963 | 3,797 | \$8,773,543 |
| Sex: Female | 2,879 | 41.3% | \$1,203 | 2,621 | \$6,868,394 |
| Race: White | 4,526 | 65.0% | \$835 | 4,262 | \$9,034,630 |
| Race: AI/AN | 1,395 | 20.0% | \$961 | 1,242 | \$3,653,109 |
| Race: Asian/PI | 227 | 3.3% | \$1,229 | 182 | \$522,990 |
| Race: Black | 122 | 1.8% | \$892 | 84 | \$165,560 |
| Ethnicity: Hispanic | 222 | 3.2% | \$1,275 | 191 | \$470,493 |
| Age Group: <15 | 411 | 5.9% | \$970 | 371 | \$1,164,527 |
| Age Group: 15-24 | 448 | 6.4% | \$1,026 | 389 | \$1,059,150 |
| Age Group: 25-34 | 702 | 10.1% | \$1,115 | 599 | \$1,510,585 |
| Age Group: 35-44 | 861 | 12.4% | \$1,287 | 761 | \$2,564,545 |
| Age Group: 45-54 | 945 | 13.6% | \$1,203 | 870 | \$2,293,294 |
| Age Group: 55-64 | 1,219 | 17.5% | \$1,203 | 1,141 | \$2,501,662 |
| Age Group: 65-74 | 1,479 | 21.2% | \$718 | 1,413 | \$3,162,988 |
| Age Group: 75+ | 899 | 12.9% | \$683 | 874 | \$1,385,187 |
| Payer: Medicare | 2,487 | 35.7% | \$718 | 2,386 | \$4,596,665 |
| Payer: Medicaid | 1,621 | 23.3% | \$892 | 1,441 | \$4,012,198 |
| Payer: Commercial | 1,782 | 25.6% | \$1,203 | 1,636 | \$4,364,619 |
| Payer: Self Pay | 494 | 7.1% | \$1,393 | 447 | \$1,226,476 |
| Payer: Other | 583 | 8.4% | \$1,203 | 511 | \$1,448,103 |
| Region: Anchorage | 1,607 | 23.1% | \$1,526 | 1,308 | \$4,339,803 |
| Region: Gulf Coast | 2,468 | 35.4% | \$630 | 2,464 | \$3,054,869 |
| Region: Interior | 87 | 1.2% | \$2,263 | 78 | \$338,047 |
| Region: Mat-Su | 1,436 | 20.6% | \$1,275 | 1,333 | \$5,158,938 |
| Region: Northern | 333 | 4.8% | \$1,274 | 332 | \$1,012,763 |
| Region: Southeast | 346 | 5.0% | \$752 | 342 | \$747,628 |
| Region: Southwest | 524 | 7.5% | \$331 | 409 | \$768,867 |
| Region: Out of State | 155 | 2.2% | \$724 | 146 | \$217,569 |
| Alaska 2023 | 6,967 | 100.0% | \$1,026 | 6,421 | \$15,648,062 |
| Alaska 2022 | 6,747 | - | \$1,000 | 6,243 | \$14,557,693 |
| Alaska 2021 | 6,426 | - | \$943 | 5,889 | \$13,644,925 |

Table 49. #7: Surgical Procedures on the Abdomen, Peritoneum, and Omentum (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Male | 3,935 | 68.3% | \$4,140 | 3,672 | \$39,335,641 |
| Sex: Female | 1,829 | 31.7% | \$3,808 | 1,626 | \$13,817,893 |
| Race: White | 4,393 | 76.2% | \$3,825 | 4,062 | \$37,996,757 |
| Race: AI/AN | 484 | 8.4% | \$6,852 | 441 | \$5,999,615 |
| Race: Asian/PI | 196 | 3.4% | \$1,865 | 168 | \$916,187 |
| Race: Black | 119 | 2.1% | \$3,550 | 102 | \$949,772 |
| Ethnicity: Hispanic | 194 | 3.4% | \$3,871 | 176 | \$1,752,412 |
| Age Group: <15 | 228 | 4.0% | \$8,000 | 222 | \$2,082,671 |
| Age Group: 15-24 | 129 | 2.2% | \$10,145 | 124 | \$1,607,463 |
| Age Group: 25-34 | 399 | 6.9% | \$6,587 | 347 | \$3,915,812 |
| Age Group: 35-44 | 743 | 12.9% | \$3,825 | 683 | \$7,078,761 |
| Age Group: 45-54 | 892 | 15.5% | \$4,930 | 806 | \$9,524,399 |
| Age Group: 55-64 | 1,476 | 25.6% | \$3,825 | 1,363 | \$12,685,581 |
| Age Group: 65-74 | 1,327 | 23.0% | \$3,825 | 1,220 | \$11,615,923 |
| Age Group: 75+ | 570 | 9.9% | \$3,825 | 533 | \$4,642,924 |
| Payer: Medicare | 1,840 | 31.9% | \$3,825 | 1,713 | \$13,993,392 |
| Payer: Medicaid | 1,081 | 18.8% | \$3,825 | 976 | \$8,198,708 |
| Payer: Commercial | 2,085 | 36.2% | \$5,012 | 1,900 | \$23,133,507 |
| Payer: Self Pay | 193 | 3.3% | \$6,082 | 177 | \$2,272,424 |
| Payer: Other | 566 | 9.8% | \$5,921 | 533 | \$5,563,525 |
| Region: Anchorage | 2,080 | 36.1% | \$4,277 | 1,805 | \$23,580,260 |
| Region: Gulf Coast | 1,776 | 30.8% | \$3,185 | 1,760 | \$9,558,112 |
| Region: Interior | 377 | 6.5% | \$1,303 | 357 | \$2,092,891 |
| Region: Mat-Su | 973 | 16.9% | \$9,622 | 852 | \$12,994,210 |
| Region: Northern | 69 | 1.2% | \$15,208 | 57 | \$1,068,279 |
| Region: Southeast | 298 | 5.2% | \$4,303 | 295 | \$2,039,026 |
| Region: Southwest | 114 | 2.0% | \$9,622 | 97 | \$1,334,943 |
| Region: Out of State | 72 | 1.2% | \$3,825 | 70 | \$425,654 |
| Alaska 2023 | 5,765 | 100.0% | \$3,871 | 5,299 | \$53,161,556 |
| Alaska 2022 | 5,649 | - | \$3,825 | 5,165 | \$49,856,063 |
| Alaska 2021 | 5,475 | - | \$3,360 | 5,013 | \$43,490,921 |

Table 50. #8: Surgical Procedures on the Bladder (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Male | 3,083 | 60.0% | \$3,823 | 2,995 | \$22,297,670 |
| Sex: Female | 2,055 | 40.0% | \$3,033 | 1,997 | \$14,665,594 |
| Race: White | 3,973 | 77.3% | \$2,338 | 3,874 | \$22,607,672 |
| Race: AI/AN | 282 | 5.5% | \$15,204 | 253 | \$3,832,814 |
| Race: Asian/PI | 236 | 4.6% | \$2,192 | 232 | \$1,106,021 |
| Race: Black | 61 | 1.2% | \$2,111 | 59 | \$333,713 |
| Ethnicity: Hispanic | 101 | 2.0% | \$2,250 | 98 | \$477,542 |
| Age Group: <15 | 66 | 1.3% | \$1,867 | 66 | \$306,803 |
| Age Group: 15-24 | 75 | 1.5% | \$4,909 | 70 | \$549,229 |
| Age Group: 25-34 | 338 | 6.6% | \$2,932 | 324 | \$2,444,481 |
| Age Group: 35-44 | 492 | 9.6% | \$5,723 | 477 | \$4,134,904 |
| Age Group: 45-54 | 690 | 13.4% | \$3,823 | 677 | \$5,164,180 |
| Age Group: 55-64 | 996 | 19.4% | \$4,163 | 963 | \$7,829,923 |
| Age Group: 65-74 | 1,377 | 26.8% | \$3,823 | 1,339 | \$10,393,941 |
| Age Group: 75+ | 1,104 | 21.5% | \$2,283 | 1,076 | \$6,139,803 |
| Payer: Medicare | 2,098 | 40.8% | \$2,935 | 2,048 | \$13,880,809 |
| Payer: Medicaid | 720 | 14.0% | \$4,163 | 693 | \$5,536,696 |
| Payer: Commercial | 1,691 | 32.9% | \$4,163 | 1,648 | \$13,424,329 |
| Payer: Self Pay | 137 | 2.7% | \$5,903 | 124 | \$1,145,051 |
| Payer: Other | 492 | 9.6% | \$2,935 | 479 | \$2,976,379 |
| Region: Anchorage | 2,212 | 43.1% | \$3,823 | 2,122 | \$15,763,000 |
| Region: Gulf Coast | 1,749 | 34.0% | \$2,154 | 1,741 | \$7,711,348 |
| Region: Interior | 74 | 1.4% | \$2,034 | 67 | \$434,109 |
| Region: Mat-Su | 609 | 11.9% | \$19,339 | 583 | \$9,791,390 |
| Region: Northern | 35 | 0.7% | \$11,481 | 30 | \$421,748 |
| Region: Southeast | 299 | 5.8% | \$3,563 | 298 | \$1,710,167 |
| Region: Southwest | 63 | 1.2% | \$10,240 | 59 | \$718,008 |
| Region: Out of State | 95 | 1.8% | \$1,088 | 90 | \$400,971 |
| Alaska 2023 | 5,138 | 100.0% | \$3,775 | 4,992 | \$36,963,264 |
| Alaska 2022 | 4,761 | - | \$3,473 | 4,617 | \$31,644,168 |
| Alaska 2021 | 5,211 | - | \$2,668 | 5,114 | \$31,264,772 |

Table 51. #9: Surgical Procedures on the Corpus Uteri (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Female | 4,276 | 99.9% | \$7,128 | 4,010 | \$48,815,148 |
| Race: White | 2,834 | 66.2% | \$7,046 | 2,694 | \$33,365,680 |
| Race: AI/AN | 535 | 12.5% | \$3,782 | 464 | \$5,252,436 |
| Race: Asian/PI | 308 | 7.2% | \$9,843 | 282 | \$3,758,203 |
| Race: Black | 201 | 4.7% | \$1,874 | 190 | \$1,572,010 |
| Ethnicity: Hispanic | 245 | 5.7% | \$7,742 | 233 | \$3,194,593 |
| Age Group: 15-24 | 85 | 2.0% | \$6,783 | 75 | \$779,978 |
| Age Group: 25-34 | 554 | 12.9% | \$8,259 | 516 | \$6,404,261 |
| Age Group: 35-44 | 1,374 | 32.1% | \$8,643 | 1,299 | \$17,850,470 |
| Age Group: 45-54 | 1,190 | 27.8% | \$7,600 | 1,113 | \$13,968,396 |
| Age Group: 55-64 | 472 | 11.0% | \$6,878 | 431 | \$4,748,665 |
| Age Group: 65-74 | 477 | 11.1% | \$2,913 | 457 | \$3,975,000 |
| Age Group: 75+ | 129 | 3.0% | \$3,794 | 124 | \$1,131,302 |
| Payer: Medicare | 604 | 14.1% | \$3,111 | 574 | \$5,105,663 |
| Payer: Medicaid | 730 | 17.1% | \$8,339 | 661 | \$8,311,722 |
| Payer: Commercial | 2,605 | 60.9% | \$8,267 | 2,457 | \$31,528,087 |
| Payer: Self Pay | 162 | 3.8% | \$2,621 | 154 | \$1,653,361 |
| Payer: Other | 180 | 4.2% | \$7,170 | 169 | \$2,259,238 |
| Region: Anchorage | 2,026 | 47.3% | \$9,857 | 1,877 | \$25,223,916 |
| Region: Gulf Coast | 1,059 | 24.7% | \$2,394 | 1,038 | \$7,119,226 |
| Region: Interior | 94 | 2.2% | \$5,975 | 86 | \$1,226,267 |
| Region: Mat-Su | 640 | 14.9% | \$18,096 | 597 | \$11,711,854 |
| Region: Northern | 99 | 2.3% | \$1,843 | 88 | \$753,952 |
| Region: Southeast | 223 | 5.2% | \$5,064 | 218 | \$1,503,674 |
| Region: Southwest | 121 | 2.8% | \$2,459 | 95 | \$1,077,274 |
| Region: Out of State | 19 | 0.4% | \$8,670 | 16 | \$241,909 |
| Alaska 2023 | 4,281 | 100.0% | \$7,103 | 4,015 | \$48,858,071 |
| Alaska 2022 | 4,059 | - | \$6,452 | 3,748 | \$41,236,914 |
| Alaska 2021 | 3,760 | - | \$4,967 | 3,450 | \$33,340,885 |

Table 52. #10: Surgical Procedures on the Femur (Thigh Region) and Knee Joint (2023)

| Characteristic | Procedures | Percent of Category | Median Charge | Total Charges Count | Total Charges |
|----------------------|------------|---------------------|---------------|---------------------|---------------|
| Sex: Male | 1,759 | 49.0% | \$13,370 | 1,540 | \$32,750,851 |
| Sex: Female | 1,832 | 51.0% | \$13,462 | 1,591 | \$37,679,968 |
| Race: White | 2,818 | 78.5% | \$13,145 | 2,459 | \$47,467,485 |
| Race: AI/AN | 166 | 4.6% | \$14,039 | 139 | \$2,171,294 |
| Race: Asian/PI | 62 | 1.7% | \$10,706 | 46 | \$896,497 |
| Race: Black | 67 | 1.9% | \$6,100 | 47 | \$945,362 |
| Ethnicity: Hispanic | 97 | 2.7% | \$13,370 | 87 | \$1,583,699 |
| Age Group: <15 | 57 | 1.6% | \$10,240 | 51 | \$625,979 |
| Age Group: 15-24 | 123 | 3.4% | \$10,880 | 102 | \$1,468,634 |
| Age Group: 25-34 | 107 | 3.0% | \$11,560 | 101 | \$1,369,057 |
| Age Group: 35-44 | 172 | 4.8% | \$11,484 | 157 | \$2,939,561 |
| Age Group: 45-54 | 355 | 9.9% | \$18,435 | 316 | \$8,624,730 |
| Age Group: 55-64 | 977 | 27.2% | \$14,039 | 898 | \$24,300,338 |
| Age Group: 65-74 | 1,330 | 37.0% | \$11,983 | 1,133 | \$23,829,808 |
| Age Group: 75+ | 470 | 13.1% | \$13,370 | 373 | \$7,272,710 |
| Payer: Medicare | 1,532 | 42.7% | \$11,637 | 1,270 | \$24,232,820 |
| Payer: Medicaid | 193 | 5.4% | \$16,565 | 134 | \$2,583,508 |
| Payer: Commercial | 1,153 | 32.1% | \$13,370 | 1,066 | \$22,459,977 |
| Payer: Self Pay | 77 | 2.1% | \$11,943 | 68 | \$1,155,891 |
| Payer: Other | 636 | 17.7% | \$20,503 | 593 | \$19,998,622 |
| Region: Anchorage | 1,149 | 32.0% | \$21,446 | 847 | \$27,349,626 |
| Region: Gulf Coast | 1,382 | 38.5% | \$2,388 | 1,340 | \$13,111,102 |
| Region: Interior | 190 | 5.3% | \$21,919 | 151 | \$3,581,951 |
| Region: Mat-Su | 639 | 17.8% | \$38,241 | 587 | \$22,882,080 |
| Region: Northern | 17 | 0.5% | \$27,956 | 8 | \$215,687 |
| Region: Southeast | 155 | 4.3% | \$12,110 | 150 | \$2,402,747 |
| Region: Southwest | 42 | 1.2% | \$10,240 | 35 | \$647,920 |
| Region: Out of State | 17 | 0.5% | \$15,324 | 13 | \$239,706 |
| Alaska 2023 | 3,591 | 100.0% | \$13,370 | 3,131 | \$70,430,819 |
| Alaska 2022 | 2,866 | - | \$13,145 | 2,396 | \$55,320,433 |
| Alaska 2021 | 2,686 | - | \$12,733 | 2,337 | \$52,094,000 |

Leading Causes of Surgical Procedures by Principal Diagnoses (Minor CPT and ICD-10-CM Diagnosis Categories)

Table 53. Top Ten Surgical Procedure Minor CPT Categories with Top Three ICD-10-CM Principal Diagnoses (2023)

| Rank | CPT Category | Top Three Principal Diagnoses |
|------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Surgical Procedures on the Colon and Rectum 26,620 (17.3%) | Encounter for screening for malignant neoplasm of colon (13,822) Polyp of colon (2,134) Benign neoplasm of ascending colon (643) |
| 2 | Surgical Procedures on the Esophagus 16,578 (10.8%) | Unspecified chronic gastritis without bleeding (1,823) Encounter for screening for malignant neoplasm of colon (1,492) Esophageal obstruction (1,068) |
| 3 | Surgical Repair (Closure) Procedures on the Integumentary System 10,357 (6.7%) | Laceration without foreign body of other part of head, initial encounter (833) Laceration without foreign body of scalp, initial encounter (773) Laceration without foreign body of left index finger without damage to nail, initial encounter (396) |
| 4 | Surgical Procedures on the Anterior Segment of the Eye 8,527 (5.6%) | Combined forms of age-related cataract, left eye (2,362) Combined forms of age-related cataract, right eye (2,349) Age-related nuclear cataract, left eye (563) |
| 5 | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 7,838 (5.1%) | Complex tear of medial meniscus, current injury, right knee, initial encounter (388) Other tear of medial meniscus, current injury, right knee, initial encounter (369) Other tear of medial meniscus, current injury, left knee, initial encounter (362) |
| 6 | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 6,967 (4.5%) | Type 2 diabetes mellitus with foot ulcer (788) Cutaneous abscess of buttock (205) Epidermal cyst (190) |
| 7 | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 5,765 (3.8%) | Unilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent (1,297) Other ascites (516) Bilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent (464) |
| 8 | Surgical Procedures on the Bladder 5,138 (3.3%) | Calculus of ureter (810) Calculus of kidney (762) Calculus of kidney with calculus of ureter (493) |

| Rank | CPT Category | Top Three Principal Diagnoses |
|------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9 | Surgical Procedures on the Corpus Uteri 4,281 (2.8%) | Polyp of corpus uteri (600) Abnormal uterine and vaginal bleeding, unspecified (344) Leiomyoma of uterus, unspecified (289) |
| 10 | Surgical Procedures on the Femur (Thigh Region) and Knee Joint 3,591 (2.3%) | Unilateral primary osteoarthritis, left knee (1,158) Unilateral primary osteoarthritis, right knee (1,098) Bilateral primary osteoarthritis of knee (298) |

Leading Causes of Surgical Procedures by Public Health Region (Major and Minor CPT Categories)

Table 54. Top Ten Leading Causes of Surgical Procedures (Minor CPT Categories) by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1 | Surgical Procedures on the Colon and Rectum 9,877 (17.1%) | Surgical Procedures on the Colon and Rectum 7,899 (19.5%) | Surgical Procedures on the Colon and Rectum 2,390 (21.3%) | Surgical Procedures on the Colon and Rectum 3,255 (13.6%) | Surgical Procedures on the Colon and Rectum 599 (15.7%) | Surgical Procedures on the Colon and Rectum 1,686 (19.6%) | Surgical Procedures on the Colon and Rectum 812 (14.6%) | Surgical Procedures on the Colon and Rectum 26,620 (17.3%) |
| 2 | Surgical Procedures on the Esophagus 6,018 (10.4%) | Surgical Procedures on the Esophagus 4,674 (11.5%) | Surgical Procedures on the Esophagus 1,367 (12.2%) | Surgical Procedures on the Esophagus 2,541 (10.6%) | Surgical Repair (Closure) Procedures on the Integumentary System 490 (12.8%) | Surgical Procedures on the Esophagus 1,093 (12.7%) | Surgical Repair (Closure) Procedures on the Integumentary System 568 (10.2%) | Surgical Procedures on the Esophagus 16,578 (10.8%) |
| 3 | Surgical Repair (Closure) Procedures on the Integumentary System 3,873 (6.7%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 2,468 (6.1%) | Surgical Repair (Closure) Procedures on the Integumentary System 1,122 (10.0%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 1,781 (7.4%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 333 (8.7%) | Surgical Repair (Closure) Procedures on the Integumentary System 963 (11.2%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 524 (9.4%) | Surgical Repair (Closure) Procedures on the Integumentary System 10,357 (6.7%) |
| 4 | Surgical Procedures on the Anterior Segment of the Eye 3,721 (6.4%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 2,088 (5.2%) | Surgical Procedures on the Anterior Segment of the Eye 788 (7.0%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 1,436 (6.0%) | Surgical Procedures on the Esophagus 323 (8.5%) | Surgical Procedures on the Anterior Segment of the Eye 460 (5.3%) | Surgical Procedures on the Esophagus 446 (8.0%) | Surgical Procedures on the Anterior Segment of the Eye 8,527 (5.6%) |
| 5 | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 2,634 (4.6%) | Surgical Procedures on the Anterior Segment of the Eye 1,825 (4.5%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 584 (5.2%) | Surgical Procedures on the Anterior Segment of the Eye 1,269 (5.3%) | Surgical Procedures on the Nails 180 (4.7%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 437 (5.1%) | Introduction or Removal Procedures on the Integumentary System 379 (6.8%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 7,838 (5.1%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 6 | Surgical Procedures on the Bladder 2,212 (3.8%) | Surgical Repair (Closure) Procedures on the Integumentary System 1,816 (4.5%) | Surgical Procedures on the Shoulder 470 (4.2%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 973 (4.1%) | Surgical Procedures on the Anterior Segment of the Eye 170 (4.5%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 346 (4.0%) | Surgical Procedures on the Anterior Segment of the Eye 252 (4.5%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 6,967 (4.5%) |
| 7 | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 2,080 (3.6%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 1,776 (4.4%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 377 (3.4%) | Surgical Repair (Closure) Procedures on the Integumentary System 921 (3.8%) | Introduction or Removal Procedures on the Integumentary System 155 (4.1%) | Surgical Procedures on the Bladder 299 (3.5%) | Surgical Procedures on the Middle Ear 240 (4.3%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 5,765 (3.8%) |
| 8 | Surgical Procedures on the Corpus Uteri 2,026 (3.5%) | Surgical Procedures on the Bladder 1,749 (4.3%) | Surgical Procedures on the Middle Ear 338 (3.0%) | Surgical Procedures on the Nose 698 (2.9%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 126 (3.3%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 298 (3.5%) | Surgical Procedures on the Nails 170 (3.0%) | Surgical Procedures on the Bladder 5,138 (3.3%) |
| 9 | Surgical Procedures on the Breast 1,851 (3.2%) | Surgical Procedures on the Femur (Thigh Region) and Knee Joint 1,382 (3.4%) | Surgical Procedures on the Breast 252 (2.2%) | Surgical Procedures on the Shoulder 643 (2.7%) | Surgical Procedures on the Middle Ear 124 (3.2%) | Surgical Procedures on the Corpus Uteri 223 (2.6%) | Surgical Procedures on the Pharynx, Adenoids, and Tonsils 168 (3.0%) | Surgical Procedures on the Corpus Uteri 4,281 (2.8%) |
| 10 | Surgical Procedures on Arteries and Veins 1,669 (2.9%) | Surgical Procedures on the Corpus Uteri 1,059 (2.6%) | Surgical Procedures on the Hand and Fingers 218 (1.9%) | Surgical Procedures on the Corpus Uteri 640 (2.7%) | Surgical Procedures on the Pharynx, Adenoids, and Tonsils 107 (2.8%) | Surgical Procedures on the Breast 222 (2.6%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 154 (2.8%) | Surgical Procedures on the Femur (Thigh Region) and Knee Joint 3,591 (2.3%) |

Table 55. Top Ten Leading Causes of Surgical Procedures (Major CPT Categories) by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------|
| 1 | Surgical Procedures on the Digestive System 20,976 (36.2%) | Surgical Procedures on the Digestive System 17,107 (42.3%) | Surgical Procedures on the Digestive System 4,514 (40.2%) | Surgical Procedures on the Digestive System 8,035 (33.5%) | Surgical Procedures on the Digestive System 1,234 (32.3%) | Surgical Procedures on the Digestive System 3,503 (40.6%) | Surgical Procedures on the Digestive System 1,739 (31.2%) | Surgical Procedures on the Digestive System 57,585 (37.5%) |
| 2 | Surgical Procedures on the Musculoskeletal System 10,675 (18.4%) | Surgical Procedures on the Musculoskeletal System 7,913 (19.5%) | Surgical Procedures on the Musculoskeletal System 2,238 (19.9%) | Surgical Procedures on the Musculoskeletal System 5,623 (23.4%) | Surgical Procedures on the Integumentary System 1,215 (31.8%) | Surgical Procedures on the Integumentary System 1,590 (18.4%) | Surgical Procedures on the Integumentary System 1,723 (30.9%) | Surgical Procedures on the Musculoskeletal System 29,526 (19.2%) |
| 3 | Surgical Procedures on the Integumentary System 8,066 (13.9%) | Surgical Procedures on the Integumentary System 5,347 (13.2%) | Surgical Procedures on the Integumentary System 1,495 (13.3%) | Surgical Procedures on the Integumentary System 2,918 (12.2%) | Surgical Procedures on the Musculoskeletal System 473 (12.4%) | Surgical Procedures on the Musculoskeletal System 1,540 (17.9%) | Surgical Procedures on the Musculoskeletal System 719 (12.9%) | Surgical Procedures on the Integumentary System 23,168 (15.1%) |
| 4 | Surgical Procedures on the Eye and Ocular Adnexa 4,466 (7.7%) | Surgical Procedures on the Female Genital System 2,077 (5.1%) | Surgical Procedures on the Eye and Ocular Adnexa 941 (8.4%) | Surgical Procedures on the Eye and Ocular Adnexa 1,558 (6.5%) | Surgical Procedures on the Female Genital System 247 (6.5%) | Surgical Procedures on the Eye and Ocular Adnexa 529 (6.1%) | Surgical Procedures on the Female Genital System 320 (5.7%) | Surgical Procedures on the Eye and Ocular Adnexa 10,104 (6.6%) |
| 5 | Surgical Procedures on the Female Genital System 3,312 (5.7%) | Surgical Procedures on the Eye and Ocular Adnexa 2,016 (5.0%) | Surgical Procedures on the Respiratory System 484 (4.3%) | Surgical Procedures on the Respiratory System 1,284 (5.3%) | Surgical Procedures on the Eye and Ocular Adnexa 219 (5.7%) | Surgical Procedures on the Female Genital System 389 (4.5%) | Surgical Procedures on the Eye and Ocular Adnexa 311 (5.6%) | Surgical Procedures on the Female Genital System 7,720 (5.0%) |
| 6 | Surgical Procedures on the Urinary System 2,381 (4.1%) | Surgical Procedures on the Urinary System 1,774 (4.4%) | Surgical Procedures on the Auditory System 366 (3.3%) | Surgical Procedures on the Female Genital System 1,122 (4.7%) | Surgical Procedures on the Auditory System 141 (3.7%) | Surgical Procedures on the Urinary System 329 (3.8%) | Surgical Procedures on the Auditory System 251 (4.5%) | Surgical Procedures on the Urinary System 5,434 (3.5%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------|
| 7 | Surgical Procedures on the Respiratory System 1,996 (3.4%) | Surgical Procedures on the Cardiovascular System 998 (2.5%) | Surgical Procedures on the Nervous System 327 (2.9%) | Surgical Procedures on the Nervous System 1,049 (4.4%) | Surgical Procedures on the Respiratory System 63 (1.7%) | Surgical Procedures on the Nervous System 168 (1.9%) | Surgical Procedures on the Respiratory System 113 (2.0%) | Surgical Procedures on the Respiratory System 4,820 (3.1%) |
| 8 | Surgical Procedures on the Cardiovascular System 1,985 (3.4%) | Surgical Procedures on the Nervous System 889 (2.2%) | Surgical Procedures on the Cardiovascular System 277 (2.5%) | Surgical Procedures on the Urinary System 654 (2.7%) | Surgical Procedures on the Cardiovascular System 50 (1.3%) | Surgical Procedures on the Cardiovascular System 160 (1.9%) | Surgical Procedures on the Cardiovascular System 86 (1.5%) | Surgical Procedures on the Cardiovascular System 4,131 (2.7%) |
| 9 | Surgical Procedures on the Nervous System 1,316 (2.3%) | Surgical Procedures on the Respiratory System 727 (1.8%) | Surgical Procedures on the Female Genital System 194 (1.7%) | Surgical Procedures on the Cardiovascular System 558 (2.3%) | Surgical Procedures on the Urinary System 36 (0.9%) | Surgical Procedures on the Respiratory System 115 (1.3%) | Surgical Procedures on the Urinary System 67 (1.2%) | Surgical Procedures on the Nervous System 3,872 (2.5%) |
| 10 | Surgical Procedures on the Auditory System 677 (1.2%) | Surgical Procedures on the Auditory System 425 (1.0%) | Cardiovascular Procedures 133 (1.2%) | Surgical Procedures on the Auditory System 490 (2.0%) | Surgical Procedures on the Male Genital System 35 (0.9%) | Surgical Procedures on the Auditory System 84 (1.0%) | Surgical Procedures on the Nervous System 65 (1.2%) | Surgical Procedures on the Auditory System 2,435 (1.6%) |

Leading Causes of Surgical Procedures by Age Group (Minor CPT Categories)

Table 56. Top Ten Leading Causes of Surgical Procedures by Age Group (2023)

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1 | Surgical Procedures on the Middle Ear 1,067 (27.8%) | Surgical Procedures on the Pharynx, Adenoids, and Tonsils 1,238 (21.2%) | Surgical Repair (Closure) Procedures on the Integumentary System 1,343 (15.7%) | Surgical Repair (Closure) Procedures on the Integumentary System 1,517 (11.7%) | Surgical Procedures on the Esophagus 2,189 (11.7%) | Surgical Procedures on the Colon and Rectum 6,361 (26.7%) | Surgical Procedures on the Colon and Rectum 7,180 (23.0%) | Surgical Procedures on the Colon and Rectum 9,124 (18.8%) | Surgical Procedures on the Colon and Rectum 26,620 (17.3%) |
| 2 | Surgical Procedures on the Pharynx, Adenoids, and Tonsils 620 (16.2%) | Surgical Repair (Closure) Procedures on the Integumentary System 994 (17.0%) | Surgical Procedures on the Esophagus 753 (8.8%) | Surgical Procedures on the Esophagus 1,262 (9.7%) | Surgical Procedures on the Colon and Rectum 2,168 (11.6%) | Surgical Procedures on the Esophagus 2,705 (11.3%) | Surgical Procedures on the Esophagus 3,695 (11.8%) | Surgical Procedures on the Anterior Segment of the Eye 6,239 (12.9%) | Surgical Procedures on the Esophagus 16,578 (10.8%) |
| 3 | Surgical Repair (Closure) Procedures on the Integumentary System 591 (15.4%) | Surgical Procedures on the Middle Ear 562 (9.6%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 715 (8.4%) | Surgical Procedures on the Colon and Rectum 927 (7.1%) | Surgical Repair (Closure) Procedures on the Integumentary System 1,415 (7.5%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 1,572 (6.6%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 1,964 (6.3%) | Surgical Procedures on the Esophagus 5,218 (10.8%) | Surgical Repair (Closure) Procedures on the Integumentary System 10,357 (6.7%) |
| 4 | Surgical Procedures on the Penis 413 (10.8%) | Surgical Procedures on the Esophagus 540 (9.2%) | Surgical Procedures on the Colon and Rectum 551 (6.4%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 756 (5.8%) | Surgical Procedures on the Corpus Uteri 1,374 (7.3%) | Surgical Procedures on the Corpus Uteri 1,190 (5.0%) | Surgical Procedures on the Anterior Segment of the Eye 1,701 (5.4%) | Surgical Procedures on the Bladder 2,481 (5.1%) | Surgical Procedures on the Anterior Segment of the Eye 8,527 (5.6%) |

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 5 | Surgical Procedures on the Esophagus 216 (5.6%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 308 (5.3%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 448 (5.2%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 702 (5.4%) | Endoscopy/Art hroscopy Procedures on the Musculoskeletal System 1,283 (6.8%) | Surgical Repair (Closure) Procedures on the Integumentary System 1,071 (4.5%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 1,476 (4.7%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 2,378 (4.9%) | Endoscopy/Art hroscopy Procedures on the Musculoskeletal System 7,838 (5.1%) |
| 6 | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 166 (4.3%) | Surgical Procedures on the Colon and Rectum 228 (3.9%) | Introduction or Removal Procedures on the Integumentary System 431 (5.0%) | Surgical Procedures on the Corpus Uteri 554 (4.3%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 861 (4.6%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 945 (4.0%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 1,219 (3.9%) | Surgical Repair (Closure) Procedures on the Integumentary System 2,187 (4.5%) | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 6,967 (4.5%) |
| 7 | Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 103 (2.7%) | Surgical Procedures on the Appendix 213 (3.6%) | Surgical Procedures on the Pharynx, Adenoids, and Tonsils 372 (4.3%) | Surgical Procedures on the Oviduct/Ovary 482 (3.7%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 743 (4.0%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 892 (3.7%) | Surgical Repair (Closure) Procedures on the Integumentary System 1,218 (3.9%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 1,897 (3.9%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 5,765 (3.8%) |
| 8 | Surgical Procedures on the Tongue and Floor of Mouth 98 (2.6%) | Surgical Procedures on the Nails 183 (3.1%) | Surgical Procedures on the Appendix 344 (4.0%) | Surgical Procedures on the Nose 448 (3.4%) | Surgical Procedures on the Breast 618 (3.3%) | Surgical Procedures on the Breast 774 (3.2%) | Surgical Procedures on the Bladder 996 (3.2%) | Surgical Procedures on the Femur (Thigh Region) and Knee Joint 1,800 (3.7%) | Surgical Procedures on the Bladder 5,138 (3.3%) |

| Rank | Ages 00-04 | Ages 05-14 | Ages 15-24 | Ages 25-34 | Ages 35-44 | Ages 45-54 | Ages 55-64 | Ages 65+ | All Ages |
|------|----------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 9 | Surgical Procedures on the Ocular Adnexa 86 (2.2%) | General Surgical Procedures on the Musculoskeletal System 144 (2.5%) | Surgical Procedures on the Nose 301 (3.5%) | Surgical Procedures on the Biliary Tract 400 (3.1%) | Surgical Procedures on the Biliary Tract 612 (3.3%) | Surgical Procedures on the Bladder 690 (2.9%) | Surgical Procedures on the Femur (Thigh Region) and Knee Joint 977 (3.1%) | Surgical Procedures on Arteries and Veins 1,607 (3.3%) | Surgical Procedures on the Corpus Uteri 4,281 (2.8%) |
| 10 | Surgical Procedures on the Colon and Rectum 81 (2.1%) | Surgical Procedures on the Leg (Tibia and Fibula) and Ankle Joint 116 (2.0%) | Surgical Procedures on the Hand and Fingers 263 (3.1%) | Surgical Procedures on the Abdomen, Peritoneum, and Omentum 399 (3.1%) | Surgical Procedures on the Nose 504 (2.7%) | Surgical Procedures on the Biliary Tract 485 (2.0%) | Surgical Procedures on the Shoulder 846 (2.7%) | Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 1,437 (3.0%) | Surgical Procedures on the Femur (Thigh Region) and Knee Joint 3,591 (2.3%) |

Outpatient Non-Emergency Department Discharges

Methodology

Outpatient non-emergency department discharges include visits for surgery, observation, and therapy, among other reasons. The records in this chapter include visits identified by hospitals as outpatient surgery or other outpatient visits, but do not include the other outpatient visits where laboratory or radiology services were the only services provided. The lab/radiology-only discharges are reported in the next chapter. All visits to an ambulatory surgery center (ASC) are included in this chapter as well as visits that any non-military community hospitals identified as outpatient surgery.

As in both the Inpatient and Emergency Department chapters, the tables in this section group outpatient non-ED/non-lab discharges using CCSR categories that aggregate ICD-10-CM principal diagnoses into 540 categories, and displays the top ten leading causes. The only exception is Table 60, which instead categorizes each visit based on 23 ICD-10-CM groupings using the principal diagnosis code (the Z category was divided into two parts to display examinations separately). These ICD-10-CM groups are broader than the CCSR categories, so this provides a higher-level overview of visits.

Data Highlights

- In 2023, there were 612,370 outpatient non-ED/non-lab discharges in Alaska, generating ~\$3.7 billion in billed charges.
- The median billed charge for a discharge was \$797.
- Commercial insurance was the most common primary payer at 28.7% of discharges, followed by Medicare at 27.8%.
- The top three leading causes of discharge by CCSR category were:
 1. *Medical examination/evaluations* (39,206 discharges).
 2. *Musculoskeletal pain, not low back pain* (22,790 discharges).
 3. *Neoplasm-related encounters* (19,000 discharges).

Non-Emergency Department/Non-Lab Visits by Characteristic

Table 57. All Non-ED/Non-Lab Visits (2023)

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|-----------------|
| Sex: Male | 252,659 | 41.3% | \$827 | \$1,697,234,391 |
| Sex: Female | 359,261 | 58.7% | \$784 | \$1,970,120,625 |
| Race: White | 228,917 | 37.4% | \$1,815 | \$2,219,260,223 |
| Race: AI/AN | 307,459 | 50.2% | \$456 | \$718,959,420 |
| Race: Asian/PI | 14,778 | 2.4% | \$2,660 | \$140,672,436 |
| Race: Black | 8,736 | 1.4% | \$2,732 | \$84,074,113 |
| Ethnicity: Hispanic | 13,967 | 2.3% | \$1,139 | \$107,039,314 |
| Age Group: <15 | 74,232 | 12.1% | \$357 | \$200,783,975 |
| Age Group: 15-24 | 49,707 | 8.1% | \$580 | \$191,182,847 |
| Age Group: 25-34 | 71,022 | 11.6% | \$648 | \$291,749,812 |
| Age Group: 35-44 | 71,964 | 11.8% | \$788 | \$409,864,789 |
| Age Group: 45-54 | 71,731 | 11.7% | \$1,088 | \$490,301,827 |
| Age Group: 55-64 | 95,560 | 15.6% | \$1,121 | \$743,874,542 |
| Age Group: 65-74 | 109,287 | 17.8% | \$1,193 | \$863,490,450 |
| Age Group: 75+ | 68,669 | 11.2% | \$1,020 | \$477,813,344 |
| Payer: Medicare | 170,159 | 27.8% | \$1,105 | \$1,248,214,657 |
| Payer: Medicaid | 159,773 | 26.1% | \$557 | \$613,519,411 |
| Payer: Commercial | 175,598 | 28.7% | \$936 | \$1,170,031,189 |
| Payer: Self Pay | 63,618 | 10.4% | \$409 | \$166,376,624 |
| Payer: Other | 43,206 | 7.1% | \$1,800 | \$471,235,637 |
| Region: Anchorage | 239,839 | 39.2% | \$677 | \$1,417,771,181 |
| Region: Gulf Coast | 107,147 | 17.5% | \$929 | \$606,444,057 |
| Region: Interior | 50,051 | 8.2% | \$1,557 | \$321,817,437 |
| Region: Mat-Su | 39,543 | 6.5% | \$6,247 | \$786,701,056 |
| Region: Northern | 56,075 | 9.2% | \$531 | \$120,492,338 |
| Region: Southeast | 40,759 | 6.7% | \$1,512 | \$223,727,524 |
| Region: Southwest | 75,381 | 12.3% | \$516 | \$161,593,822 |
| Region: Out of State | 3,252 | 0.5% | \$1,046 | \$29,661,827 |
| Alaska 2023 | 612,370 | 100.0% | \$797 | \$3,669,438,051 |
| Alaska 2022 | 560,735 | - | \$804 | \$3,319,065,485 |
| Alaska 2021 | 614,315 | - | \$618 | \$3,144,285,096 |

Leading Causes of Non-Emergency Department/Non-Lab Visits by Principal Diagnoses (CCSR and ICD-10-CM Diagnosis Categories)

Table 58. Top Ten Non-Emergency Department/Non-Lab Visit CCSR Categories with Top Three ICD-10-CM Principal Diagnoses (2023)

| Rank | CCSR Diagnosis Category | Top Three Principal Diagnoses |
|------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Medical examination/evaluation 39,206 (6.4%) | Encounter for routine child health examination without abnormal findings (14,558) Encounter for other preprocedural examination (9,340) Encounter for general adult medical examination without abnormal findings (4,668) |
| 2 | Musculoskeletal pain, not low back pain 22,790 (3.7%) | Pain in right knee (2,813) Pain in right shoulder (2,660) Pain in left knee (2,475) |
| 3 | Neoplasm-related encounters 19,000 (3.1%) | Encounter for screening for malignant neoplasm of colon (15,015) Encounter for screening mammogram for malignant neoplasm of breast (1,653) Encounter for screening for malignant neoplasm of cervix (957) |
| 4 | Other aftercare encounter 17,047 (2.8%) | Encounter for other orthopedic aftercare (4,626) Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm (3,603) Aftercare following joint replacement surgery (1,527) |
| 5 | Spondylopathies/spondyloarthropathy (including infective) 14,530 (2.4%) | Cervicalgia (2,829) Radiculopathy, lumbar region (1,274) Spondylosis without myelopathy or radiculopathy, lumbar region (934) |
| 6 | Exposure, encounters, screening or contact with infectious disease 11,212 (1.8%) | Encounter for immunization (8,430) Encounter for screening for infections with a predominantly sexual mode of transmission (1,230) Encounter for screening for respiratory tuberculosis (494) |
| 7 | Abdominal pain and other digestive/abdomen signs and symptoms 11,016 (1.8%) | Unspecified abdominal pain (2,690) Diarrhea, unspecified (1,035) Pelvic and perineal pain (996) |
| 8 | Osteoarthritis 9,623 (1.6%) | Unilateral primary osteoarthritis, right knee (1,776) Unilateral primary osteoarthritis, left knee (1,766) Bilateral primary osteoarthritis of knee (1,195) |

| Rank | CCSR Diagnosis Category | Top Three Principal Diagnoses |
|------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9 | Other specified upper respiratory infections 9,431 (1.5%) | Acute upper respiratory infection, unspecified (3,984) Acute pharyngitis, unspecified (2,860) Streptococcal pharyngitis (1,910) |
| 10 | Other specified complications in pregnancy 9,205 (1.5%) | Other specified diseases and conditions complicating pregnancy (1,290) Anemia complicating pregnancy, third trimester (1,208) Other specified pregnancy related conditions, third trimester (1,034) |

Leading Causes of Non-Emergency Department/Non-Lab Visits by Public Health Region (CCSR Diagnosis Categories and Major ICD-10-CM Diagnosis Categories)

Table 59. Top Ten Leading Causes of Non-Emergency Department/Non-Lab Visits (CCSR Diagnosis Categories) by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|---------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 1 | Medical examination/evaluation 17,882 (7.5%) | Musculoskeletal pain, not low back pain 5,496 (5.1%) | Spondylopathies/spondyloarthropathy (including infective) 2,303 (4.6%) | Neoplasm-related encounters 1,987 (5.0%) | Medical examination/evaluation 4,407 (7.9%) | Neoplasm-related encounters 2,057 (5.1%) | Medical examination/evaluation 9,057 (12.4%) | Medical examination/evaluation 39,206 (6.4%) |
| 2 | Other aftercare encounter 8,414 (3.5%) | Spondylopathies/spondyloarthropathy (including infective) 4,295 (4.0%) | Nervous system pain and pain syndromes 2,247 (4.5%) | Cataract and other lens disorders 1,163 (2.9%) | Musculoskeletal pain, not low back pain 2,485 (4.4%) | Spondylopathies/spondyloarthropathy (including infective) 1,510 (3.7%) | Other specified complications in pregnancy 3,041 (4.1%) | Musculoskeletal pain, not low back pain 22,790 (3.7%) |
| 3 | Musculoskeletal pain, not low back pain 8,268 (3.4%) | Medical examination/evaluation 4,262 (4.0%) | Neoplasm-related encounters 2,242 (4.5%) | Osteoarthritis 1,157 (2.9%) | Exposure, encounters, screening or contact with infectious disease 2,333 (4.2%) | Medical examination/evaluation 1,239 (3.0%) | Musculoskeletal pain, not low back pain 3,000 (4.1%) | Neoplasm-related encounters 19,000 (3.1%) |
| 4 | Biomechanical lesions 7,478 (3.1%) | Neoplasm-related encounters 4,020 (3.8%) | Coronary atherosclerosis and other heart disease 2,116 (4.2%) | Medical examination/evaluation 1,129 (2.9%) | Other aftercare encounter 1,876 (3.3%) | Musculoskeletal pain, not low back pain 1,230 (3.0%) | Exposure, encounters, screening or contact with infectious disease 2,785 (3.8%) | Other aftercare encounter 17,047 (2.8%) |
| 5 | Neoplasm-related encounters 7,235 (3.0%) | Osteoarthritis 2,624 (2.5%) | Cardiac dysrhythmias 2,085 (4.2%) | Benign neoplasms 1,066 (2.7%) | Other specified upper respiratory infections 1,831 (3.3%) | Other aftercare encounter 1,181 (2.9%) | Other aftercare encounter 2,364 (3.2%) | Spondylopathies/spondyloarthropathy (including infective) 14,530 (2.4%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 6 | Other specified upper respiratory infections 5,381 (2.2%) | Sleep wake disorders 2,252 (2.1%) | Musculoskeletal pain, not low back pain 1,611 (3.2%) | Coronary atherosclerosis and other heart disease 986 (2.5%) | Essential hypertension 1,616 (2.9%) | Osteoarthritis 938 (2.3%) | Essential hypertension 2,018 (2.8%) | Exposure, encounters, screening or contact with infectious disease 11,212 (1.8%) |
| 7 | Exposure, encounters, screening or contact with infectious disease 4,929 (2.1%) | Other specified and unspecified skin disorders 2,069 (1.9%) | Other aftercare encounter 1,172 (2.3%) | Abdominal pain and other digestive/abdomen signs and symptoms 981 (2.5%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,026 (1.8%) | Abdominal pain and other digestive/abdomen signs and symptoms 875 (2.2%) | Other specified upper respiratory infections 1,388 (1.9%) | Abdominal pain and other digestive/abdomen signs and symptoms 11,016 (1.8%) |
| 8 | Abdominal pain and other digestive/abdomen signs and symptoms 4,073 (1.7%) | Diabetes mellitus with complication 2,048 (1.9%) | Medical examination/evaluation 1,097 (2.2%) | Other aftercare encounter 898 (2.3%) | Other specified complications in pregnancy 926 (1.7%) | Encounter for antineoplastic therapies 704 (1.7%) | Uncomplicated pregnancy, delivery or puerperium 1,186 (1.6%) | Osteoarthritis 9,623 (1.6%) |
| 9 | Other specified and unspecified skin disorders 3,933 (1.6%) | Respiratory signs and symptoms 1,852 (1.7%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,093 (2.2%) | Spondylopathies/spondyloarthropathy (including infective) 892 (2.3%) | Other specified and unspecified skin disorders 912 (1.6%) | Neurodevelopmental disorders 665 (1.6%) | Supervision of high-risk pregnancy 1,117 (1.5%) | Other specified upper respiratory infections 9,431 (1.5%) |
| 10 | Spondylopathies/spondyloarthropathy (including infective) 3,791 (1.6%) | Encounter for antineoplastic therapies 1,839 (1.7%) | Essential hypertension 1,085 (2.2%) | Sprains and strains, initial encounter 722 (1.8%) | Diabetes mellitus without complication 904 (1.6%) | Respiratory signs and symptoms 625 (1.5%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,106 (1.5%) | Other specified complications in pregnancy 9,205 (1.5%) |

Table 60. Top Ten Leading Causes of Non-Emergency Department/Non-Lab Visits (Major ICD-10-CM Categories) by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 1 | Diseases of the musculoskeletal system and connective tissue 31,898 (13.3%) | Diseases of the musculoskeletal system and connective tissue 17,959 (16.8%) | Diseases of the circulatory system 8,157 (16.3%) | Diseases of the digestive system 4,780 (12.1%) | Persons encountering health services for examinations 6,698 (11.9%) | Diseases of the musculoskeletal system and connective tissue 5,985 (14.7%) | Persons encountering health services for examinations 11,930 (15.8%) | Diseases of the musculoskeletal system and connective tissue 81,198 (13.3%) |
| 2 | Persons encountering health services for examinations 29,632 (12.4%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 11,699 (10.9%) | Diseases of the musculoskeletal system and connective tissue 7,078 (14.1%) | Diseases of the musculoskeletal system and connective tissue 4,637 (11.7%) | Factors influencing health status and contact with health services [except examinations] 6,203 (11.1%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 4,673 (11.5%) | Factors influencing health status and contact with health services [except examinations] 8,814 (11.7%) | Persons encountering health services for examinations 68,295 (11.2%) |
| 3 | Factors influencing health status and contact with health services [except examinations] 24,205 (10.1%) | Persons encountering health services for examinations 8,894 (8.3%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 5,672 (11.3%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 3,573 (9.0%) | Diseases of the musculoskeletal system and connective tissue 6,104 (10.9%) | Persons encountering health services for examinations 3,874 (9.5%) | Diseases of the musculoskeletal system and connective tissue 7,052 (9.4%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 61,275 (10.0%) |
| 4 | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 24,130 (10.1%) | Factors influencing health status and contact with health services [except examinations] 7,953 (7.4%) | Factors influencing health status and contact with health services [except examinations] 3,575 (7.1%) | Persons encountering health services for examinations 3,463 (8.8%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 4,795 (8.6%) | Factors influencing health status and contact with health services [except examinations] 3,626 (8.9%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 6,364 (8.4%) | Factors influencing health status and contact with health services [except examinations] 57,319 (9.4%) |
| 5 | Diseases of the digestive system 12,603 (5.3%) | Diseases of the nervous system 7,263 (6.8%) | Persons encountering health services for examinations 3,546 (7.1%) | Injury, poisoning, and certain other consequences of external causes 2,788 (7.1%) | Diseases of the respiratory system 4,054 (7.2%) | Diseases of the digestive system 2,908 (7.1%) | Pregnancy, childbirth, and puerperium 6,290 (8.3%) | Diseases of the circulatory system 36,296 (5.9%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 6 | Diseases of the respiratory system 12,183 (5.1%) | Injury, poisoning, and certain other consequences of external causes 5,958 (5.6%) | Diseases of the nervous system 3,412 (6.8%) | Factors influencing health status and contact with health services [except examinations] 2,693 (6.8%) | Endocrine, nutritional and metabolic diseases 3,510 (6.3%) | Diseases of the circulatory system 2,514 (6.2%) | Mental, Behavioral and Neurodevelopmental disorders 5,667 (7.5%) | Diseases of the digestive system 33,832 (5.5%) |
| 7 | Injury, poisoning, and certain other consequences of external causes 12,088 (5.0%) | Diseases of the circulatory system 5,761 (5.4%) | Diseases of the digestive system 3,362 (6.7%) | Neoplasms 2,610 (6.6%) | Diseases of the circulatory system 3,044 (5.4%) | Neoplasms 2,229 (5.5%) | Diseases of the circulatory system 3,588 (4.8%) | Injury, poisoning, and certain other consequences of external causes 31,575 (5.2%) |
| 8 | Mental, Behavioral and Neurodevelopmental disorders 10,914 (4.6%) | Mental, Behavioral and Neurodevelopmental disorders 5,711 (5.3%) | Neoplasms 3,016 (6.0%) | Diseases of the circulatory system 2,157 (5.5%) | Injury, poisoning, and certain other consequences of external causes 2,815 (5.0%) | Injury, poisoning, and certain other consequences of external causes 2,223 (5.5%) | Diseases of the respiratory system 3,321 (4.4%) | Diseases of the respiratory system 27,152 (4.4%) |
| 9 | Diseases of the circulatory system 10,863 (4.5%) | Diseases of the digestive system 5,401 (5.0%) | Injury, poisoning, and certain other consequences of external causes 2,183 (4.4%) | Diseases of the respiratory system 1,902 (4.8%) | Diseases of the digestive system 2,226 (4.0%) | Endocrine, nutritional and metabolic diseases 1,748 (4.3%) | Injury, poisoning, and certain other consequences of external causes 3,044 (4.0%) | Mental, Behavioral and Neurodevelopmental disorders 26,778 (4.4%) |
| 10 | Diseases of the genitourinary system 10,139 (4.2%) | Endocrine, nutritional and metabolic diseases 5,392 (5.0%) | Endocrine, nutritional and metabolic diseases 1,794 (3.6%) | Diseases of the genitourinary system 1,873 (4.7%) | Diseases of the skin and subcutaneous tissue 2,189 (3.9%) | Diseases of the genitourinary system 1,627 (4.0%) | Diseases of the genitourinary system 2,353 (3.1%) | Diseases of the genitourinary system 24,132 (3.9%) |

Outpatient Lab or Radiology Discharges

Methodology

Outpatient lab or radiology discharges for this chapter were identified as “other outpatient” by the hospital and only had lab or radiology revenue codes in the billing detail. The specific lab/radiology revenue codes are listed in Appendix D. If a record had both a lab/radiology revenue code and a non-lab/radiology revenue code, then it would be included in the prior Outpatient Non-Emergency Department chapter.

As in both the Inpatient and Emergency Department chapters, the tables in this section group outpatient lab/radiology-only discharges using CCSR categories that aggregate ICD-10-CM principal diagnoses into 540 categories, and displays the top ten leading causes. The only exception is Table 64, which instead categorizes each visit based on 23 ICD-10-CM groupings using the principal diagnosis code (the Z category was divided into two parts to display examinations separately). These ICD-10-CM groups are broader than the CCSR categories, so this provides a higher-level overview of visits.

Data Highlights

- In 2023, there were 418,066 outpatient lab or radiology discharges in Alaska, generating ~\$489.1 million in billed charges.
- The median billed charge for a discharge was \$665.
- Commercial insurance was the most common primary payer at 38.7% of discharges, followed by Medicare at 30.6%.
- The top three leading causes of discharge by CCSR category were:
 1. *Medical examination/evaluations* (24,617 discharges).
 2. *Neoplasm-related encounters* (23,043 discharges).
 3. *Abnormal findings without diagnosis* (13,444 discharges).

Lab/Radiology-Only Visits by Characteristic

Table 61. All Lab/Radiology-Only Visits

| Characteristic | Discharges | Percent of Category | Median Charge | Total Charges |
|----------------------|------------|---------------------|---------------|---------------|
| Sex: Male | 157,920 | 37.8% | \$646 | \$196,513,501 |
| Sex: Female | 259,987 | 62.2% | \$680 | \$292,383,718 |
| Race: White | 258,624 | 61.9% | \$630 | \$297,103,824 |
| Race: AI/AN | 94,959 | 22.7% | \$850 | \$121,170,436 |
| Race: Asian/PI | 20,881 | 5.0% | \$514 | \$21,146,494 |
| Race: Black | 10,530 | 2.5% | \$506 | \$10,187,272 |
| Ethnicity: Hispanic | 11,952 | 2.9% | \$612 | \$13,666,869 |
| Age Group: <15 | 29,072 | 7.0% | \$360 | \$19,127,749 |
| Age Group: 15-24 | 29,821 | 7.1% | \$597 | \$28,606,118 |
| Age Group: 25-34 | 45,779 | 11.0% | \$639 | \$48,559,650 |
| Age Group: 35-44 | 52,454 | 12.5% | \$698 | \$59,830,498 |
| Age Group: 45-54 | 53,244 | 12.7% | \$747 | \$67,487,333 |
| Age Group: 55-64 | 71,467 | 17.1% | \$733 | \$95,696,522 |
| Age Group: 65-74 | 83,625 | 20.0% | \$681 | \$107,496,857 |
| Age Group: 75+ | 52,514 | 12.6% | \$620 | \$62,153,761 |
| Payer: Medicare | 127,444 | 30.5% | \$654 | \$156,545,076 |
| Payer: Medicaid | 78,430 | 18.8% | \$583 | \$80,123,552 |
| Payer: Commercial | 161,680 | 38.7% | \$681 | \$186,335,992 |
| Payer: Self Pay | 22,580 | 5.4% | \$866 | \$29,552,565 |
| Payer: Other | 27,931 | 6.7% | \$686 | \$36,550,646 |
| Region: Anchorage | 128,012 | 30.6% | \$570 | \$145,548,732 |
| Region: Gulf Coast | 74,815 | 17.9% | \$793 | \$96,350,633 |
| Region: Interior | 80,298 | 19.2% | \$556 | \$75,329,165 |
| Region: Mat-Su | 37,827 | 9.0% | \$888 | \$63,686,928 |
| Region: Northern | 20,279 | 4.9% | \$810 | \$27,629,149 |
| Region: Southeast | 48,818 | 11.7% | \$686 | \$56,292,155 |
| Region: Southwest | 24,274 | 5.8% | \$377 | \$20,977,290 |
| Region: Out of State | 3,504 | 0.8% | \$434 | \$3,004,212 |
| Alaska 2023 | 418,066 | 100.0% | \$665 | \$489,108,769 |
| Alaska 2022 | 521,311 | - | \$428 | \$465,165,242 |
| Alaska 2021 | 651,751 | - | \$253 | \$484,784,816 |

Leading Causes of Lab/Radiology-Only Visits by Principal Diagnoses (CCSR and ICD-10-CM Diagnosis Categories)

Table 62. Top Ten Lab/Radiology Visit CCSR Categories with Top Three ICD-10-CM Principal Diagnoses (2023)

| Rank | CCSR Diagnosis Category | Top Three Principal Diagnoses |
|------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Medical examination/evaluation 24,617 (5.9%) | Encounter for general adult medical examination without abnormal findings (8,238) Encounter for other preprocedural examination (6,161) Encounter for preprocedural laboratory examination (2,954) |
| 2 | Neoplasm-related encounters 23,043 (5.5%) | Encounter for screening mammogram for malignant neoplasm of breast (17,390) Encounter for screening for malignant neoplasm of colon (1,921) Encounter for screening for malignant neoplasm of respiratory organs (1,211) |
| 3 | Abnormal findings without diagnosis 13,444 (3.2%) | Other specified abnormal findings of blood chemistry (1,692) Other abnormal and inconclusive findings on diagnostic imaging of breast (1,489) Prediabetes (1,479) |
| 4 | Musculoskeletal pain, not low back pain 13,317 (3.2%) | Pain in right knee (1,322) Pain in left knee (1,133) Pain in right shoulder (843) |
| 5 | Exposure, encounters, screening or contact with infectious disease 12,244 (2.9%) | Encounter for screening for infections with a predominantly sexual mode of transmission (3,280) Contact with and (suspected) exposure to COVID-19 (2,754) Encounter for screening for respiratory tuberculosis (2,441) |
| 6 | Thyroid disorders 12,122 (2.9%) | Hypothyroidism, unspecified (6,629) Nontoxic single thyroid nodule (897) Thyrotoxicosis, unspecified without thyrotoxic crisis or storm (855) |
| 7 | Abdominal pain and other digestive/abdomen signs and symptoms 11,346 (2.7%) | Unspecified abdominal pain (3,109) Diarrhea, unspecified (1,870) Right upper quadrant pain (831) |
| 8 | Essential hypertension 9,849 (2.4%) | Essential (primary) hypertension (9,849) (.) (.) |
| 9 | Other specified upper respiratory infections 9,848 (2.4%) | Acute pharyngitis, unspecified (7,000) Acute upper respiratory infection, unspecified (1,318) Streptococcal pharyngitis (698) |
| 10 | Diabetes mellitus without complication 8,866 (2.1%) | Type 2 diabetes mellitus without complications (8,209) Type 1 diabetes mellitus without complications (580) Other specified diabetes mellitus without complications (74) |

Leading Causes of Lab/Radiology Visits by Public Health Region (CCSR Diagnosis Categories and Major ICD-10-CM Diagnosis Categories)

Table 63. Top Ten Leading Causes of Lab/Radiology Visits (CCSR Diagnosis Categories) by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1 | Medical examination/evaluation 9,454 (7.4%) | Neoplasm-related encounters 4,726 (6.3%) | Neoplasm-related encounters 4,635 (5.8%) | Medical examination/evaluation 3,243 (8.6%) | Other specified upper respiratory infections 1,673 (8.3%) | Neoplasm-related encounters 4,511 (9.3%) | Other specified upper respiratory infections 2,832 (11.8%) | Medical examination/evaluation 24,617 (5.9%) |
| 2 | Neoplasm-related encounters 6,338 (5.0%) | Medical examination/evaluation 4,491 (6.0%) | Musculoskeletal pain, not low back pain 4,165 (5.2%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,326 (3.5%) | Exposure, encounters, screening or contact with infectious disease 1,099 (5.4%) | Musculoskeletal pain, not low back pain 2,282 (4.7%) | Exposure, encounters, screening or contact with infectious disease 2,309 (9.6%) | Neoplasm-related encounters 23,043 (5.5%) |
| 3 | Exposure, encounters, screening or contact with infectious disease 4,530 (3.5%) | Spondylopathies/spondyloarthropathy (including infective) 2,624 (3.5%) | Medical examination/evaluation 3,201 (4.0%) | Neoplasm-related encounters 1,247 (3.3%) | Neoplasm-related encounters 891 (4.4%) | Abnormal findings without diagnosis 2,011 (4.1%) | Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders) 1,424 (6.0%) | Abnormal findings without diagnosis 13,444 (3.2%) |
| 4 | Abnormal findings without diagnosis 4,445 (3.5%) | Musculoskeletal pain, not low back pain 2,548 (3.4%) | Thyroid disorders 2,793 (3.5%) | Abnormal findings without diagnosis 1,169 (3.1%) | Medical examination/evaluation 735 (3.6%) | Medical examination/evaluation 1,910 (3.9%) | Medical examination/evaluation 1,416 (5.9%) | Musculoskeletal pain, not low back pain 13,317 (3.2%) |
| 5 | Thyroid disorders 4,250 (3.3%) | Abnormal findings without diagnosis 2,414 (3.2%) | Respiratory signs and symptoms 2,661 (3.3%) | Urinary tract infections 1,096 (2.9%) | Uncomplicated pregnancy, delivery or puerperium 584 (2.9%) | Essential hypertension 1,603 (3.3%) | Abnormal findings without diagnosis 689 (2.9%) | Exposure, encounters, screening or contact with infectious disease 12,244 (2.9%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 6 | Diabetes mellitus without complication 3,526 (2.8%) | Abdominal pain and other digestive/abdomen signs and symptoms 2,190 (2.9%) | Abdominal pain and other digestive/abdomen signs and symptoms 2,394 (3.0%) | Musculoskeletal pain, not low back pain 967 (2.6%) | Diabetes mellitus without complication 535 (2.6%) | Exposure, encounters, screening or contact with infectious disease 1,421 (2.9%) | Urinary tract infections 652 (2.7%) | Thyroid disorders 12,122 (2.9%) |
| 7 | Essential hypertension 3,440 (2.7%) | Thyroid disorders 2,168 (2.9%) | Disorders of lipid metabolism 2,344 (2.9%) | Other specified upper respiratory infections 900 (2.4%) | Abdominal pain and other digestive/abdomen signs and symptoms 535 (2.6%) | Abdominal pain and other digestive/abdomen signs and symptoms 1,416 (2.9%) | Neoplasm-related encounters 614 (2.6%) | Abdominal pain and other digestive/abdomen signs and symptoms 11,346 (2.7%) |
| 8 | Abdominal pain and other digestive/abdomen signs and symptoms 2,887 (2.3%) | Osteoarthritis 1,965 (2.6%) | Abnormal findings without diagnosis 2,208 (2.8%) | Thyroid disorders 897 (2.4%) | Nutritional deficiencies 458 (2.3%) | Thyroid disorders 1,377 (2.8%) | Diabetes mellitus without complication 581 (2.4%) | Essential hypertension 9,849 (2.4%) |
| 9 | Disorders of lipid metabolism 2,821 (2.2%) | Essential hypertension 1,560 (2.1%) | Spondylopathies/spondyloarthropathy (including infective) 1,698 (2.1%) | Genitourinary signs and symptoms 806 (2.1%) | Encounter for administrative purposes 446 (2.2%) | Spondylopathies/spondyloarthropathy (including infective) 1,339 (2.7%) | Abdominal pain and other digestive/abdomen signs and symptoms 487 (2.0%) | Other specified upper respiratory infections 9,848 (2.4%) |
| 10 | Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders) 2,609 (2.0%) | Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders) 1,355 (1.8%) | Essential hypertension 1,682 (2.1%) | Essential hypertension 794 (2.1%) | Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders) 427 (2.1%) | Diabetes mellitus without complication 1,107 (2.3%) | Genitourinary signs and symptoms 473 (2.0%) | Diabetes mellitus without complication 8,866 (2.1%) |

Table 64. Top Ten Leading Causes of Lab/Radiology Visits (Major ICD-10-CM Categories) by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 1 | Persons encountering health services for examinations 22,858 (17.9%) | Persons encountering health services for examinations 11,809 (15.8%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 14,664 (18.3%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 6,561 (17.4%) | Persons encountering health services for examinations 2,790 (13.8%) | Persons encountering health services for examinations 7,815 (16.0%) | Persons encountering health services for examinations 5,678 (23.7%) | Persons encountering health services for examinations 66,552 (16.0%) |
| 2 | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 17,865 (14.0%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 11,370 (15.3%) | Persons encountering health services for examinations 9,707 (12.1%) | Persons encountering health services for examinations 5,395 (14.3%) | Factors influencing health status and contact with health services [except examinations] 2,524 (12.5%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 7,447 (15.3%) | Diseases of the respiratory system 3,392 (14.2%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 63,706 (15.3%) |
| 3 | Endocrine, nutritional and metabolic diseases 16,285 (12.8%) | Diseases of the musculoskeletal system and connective tissue 10,324 (13.9%) | Endocrine, nutritional and metabolic diseases 9,700 (12.1%) | Diseases of the genitourinary system 3,934 (10.4%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 2,412 (11.9%) | Diseases of the musculoskeletal system and connective tissue 6,556 (13.5%) | Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 2,671 (11.2%) | Endocrine, nutritional and metabolic diseases 45,951 (11.0%) |
| 4 | Factors influencing health status and contact with health services [except examinations] 11,245 (8.8%) | Endocrine, nutritional and metabolic diseases 7,940 (10.7%) | Diseases of the musculoskeletal system and connective tissue 9,462 (11.8%) | Endocrine, nutritional and metabolic diseases 3,469 (9.2%) | Diseases of the respiratory system 2,173 (10.7%) | Endocrine, nutritional and metabolic diseases 5,104 (10.5%) | Diseases of the musculoskeletal system and connective tissue 1,684 (7.0%) | Diseases of the musculoskeletal system and connective tissue 42,518 (10.2%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 5 | Diseases of the musculoskeletal system and connective tissue 9,620 (7.5%) | Factors influencing health status and contact with health services [except examinations] 5,192 (7.0%) | Neoplasms 8,662 (10.8%) | Diseases of the musculoskeletal system and connective tissue 2,995 (7.9%) | Endocrine, nutritional and metabolic diseases 1,906 (9.4%) | Factors influencing health status and contact with health services [except examinations] 4,055 (8.3%) | Diseases of the genitourinary system 1,652 (6.9%) | Factors influencing health status and contact with health services [except examinations] 31,284 (7.5%) |
| 6 | Diseases of the genitourinary system 9,082 (7.1%) | Diseases of the genitourinary system 5,025 (6.7%) | Diseases of the circulatory system 5,265 (6.6%) | Factors influencing health status and contact with health services [except examinations] 2,490 (6.6%) | Diseases of the musculoskeletal system and connective tissue 1,470 (7.3%) | Diseases of the circulatory system 3,527 (7.2%) | Factors influencing health status and contact with health services [except examinations] 1,548 (6.5%) | Diseases of the genitourinary system 29,018 (7.0%) |
| 7 | Diseases of the circulatory system 8,228 (6.4%) | Diseases of the circulatory system 4,731 (6.3%) | Diseases of the genitourinary system 4,836 (6.0%) | Diseases of the circulatory system 2,161 (5.7%) | Diseases of the genitourinary system 1,120 (5.5%) | Diseases of the genitourinary system 3,105 (6.4%) | Endocrine, nutritional and metabolic diseases 1,293 (5.4%) | Diseases of the circulatory system 25,683 (6.2%) |
| 8 | Neoplasms 5,998 (4.7%) | Neoplasms 3,536 (4.7%) | Factors influencing health status and contact with health services [except examinations] 3,938 (4.9%) | Neoplasms 2,024 (5.4%) | Pregnancy, childbirth, and puerperium 802 (4.0%) | Neoplasms 1,921 (3.9%) | Diseases of the circulatory system 850 (3.6%) | Neoplasms 23,524 (5.6%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 9 | Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism 3,870 (3.0%) | Injury, poisoning, and certain other consequences of external causes 3,046 (4.1%) | Diseases of the respiratory system 2,557 (3.2%) | Diseases of the respiratory system 1,692 (4.5%) | Diseases of the circulatory system 756 (3.7%) | Injury, poisoning, and certain other consequences of external causes 1,537 (3.2%) | Injury, poisoning, and certain other consequences of external causes 798 (3.3%) | Diseases of the respiratory system 15,577 (3.7%) |
| 10 | Diseases of the digestive system 3,798 (3.0%) | Diseases of the digestive system 2,039 (2.7%) | Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism 1,851 (2.3%) | Injury, poisoning, and certain other consequences of external causes 1,520 (4.0%) | Injury, poisoning, and certain other consequences of external causes 688 (3.4%) | Mental, Behavioral and Neurodevelopmental disorders 1,360 (2.8%) | Neoplasms 743 (3.1%) | Injury, poisoning, and certain other consequences of external causes 12,671 (3.0%) |

Appendices

Appendix A: Health Facilities Submitting Data for 2023

Table 65. HFDR Facilities

| Hospitals | Ambulatory Surgery Centers |
|--------------------------------------------------------|--------------------------------------|
| Alaska Native Medical Center | ASC North |
| Alaska Psychiatric Institute | Alaska Cardiovascular Surgery Center |
| Alaska Regional Hospital | Alaska Digestive Center |
| Bartlett Regional Hospital | Alaska Eye Surgery and Laser Center |
| Bristol Bay Area Health Corporation/Kanakanak Hospital | Alaska Surgery Center |
| Central Peninsula Hospital | Alpine Surgery Center |
| Cordova Community Medical Center | Anchorage Endoscopy Center |
| Fairbanks Memorial Hospital | Creekside Surgery Center |
| Maniilaq Health Center | Denali Biomedical |
| Mat-Su Regional Medical Center | Geneva Woods Surgical Center |
| Mt. Edgecumbe Medical Center | Pacific Cataract and Laser Institute |
| North Star Hospital | South Anchorage Surgery Center |
| Norton Sound Regional Hospital | Southeast Alaska Surgery Center |
| PeaceHealth Ketchikan Medical Center | Surgery Center of Anchorage |
| Petersburg Medical Center | Surgery Center of Fairbanks |
| Providence Alaska Medical Center | Surgery Center of Wasilla |
| Providence Kodiak Island Medical Center | Susitna Surgery Center |
| Providence Seward Medical and Care Center | |
| Providence Valdez Medical Center | |
| Samuel Simmonds Memorial Hospital | |
| South Peninsula Hospital | |
| St. Elias Specialty Hospital | |
| Wrangell Medical Center | |
| Yukon Kuskokwim Delta Regional Hospital | |

Appendix B: Alaska Public Health Regions

Alaska Public Health Regions are based on the Alaska Department of Labor and Workforce Development's six Economic Regions: Anchorage and Mat-Su, Gulf Coast, Interior, Northern, Southeast, and Southwest. For public health purposes, the Matanuska-Susitna Borough is reported separately from the Municipality of Anchorage. The county-equivalent geographic units (Borough/Census Areas) included in each region are summarized below.

Table 66. Alaska Public Health Regions

| Public Health Region | Borough/Census Area |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Anchorage | Anchorage Municipality |
| Gulf Coast | Chugach Census Area Copper River Census Area Kenai Peninsula Borough Kodiak Island Borough |
| Interior | Denali Borough Fairbanks North Star Borough Southeast Fairbanks Census Area Yukon-Koyukuk Census Area |
| Matanuska-Susitna | Matanuska-Susitna Borough |
| Northern | Nome Census Area North Slope Borough Northwest Arctic Borough |
| Southeast | Haines Borough Hoonah-Angoon Census Area Juneau City and Borough Ketchikan Gateway Borough Petersburg Borough Prince of Wales-Hyder Census Area Sitka City and Borough Skagway Municipality Wrangell City and Borough Yakutat City and Borough |
| Southwest | Aleutians East Borough Aleutians West Census Area Bethel Census Area Bristol Bay Borough Dillingham Census Area Kusilvak Census Area Lake and Peninsula Borough |

Figure 4. Alaska Public Health Regions Map



Appendix C: Leading Causes of Hospitalization by Public Health Region (Diagnosis Related Group Categories)

Table 67. Top Ten Leading Causes of Hospitalization (DRG Categories) by Public Health Region (2023)

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 1 | Normal Newborn 1,354 (5.7%) | Normal Newborn 371 (5.4%) | Psychoses 632 (9.5%) | Normal Newborn 590 (6.7%) | Psychoses 181 (5.0%) | Normal Newborn 253 (5.2%) | Neonate With Other Significant Problems 315 (6.8%) | Normal Newborn 3,391 (5.6%) |
| 2 | Septicemia Or Severe Sepsis Without Mv >96 Hours With Mcc 1,279 (5.4%) | Vaginal Delivery Without Sterilization Or D&c Without Cc/Mcc 364 (5.3%) | Vaginal Delivery Without Sterilization Or D&c Without Cc/Mcc 561 (8.5%) | Vaginal Delivery Without Sterilization Or D&c Without Cc/Mcc 490 (5.5%) | Normal Newborn 161 (4.4%) | Septicemia Or Severe Sepsis Without Mv >96 Hours With Mcc 235 (4.8%) | Psychoses 270 (5.9%) | Vaginal Delivery Without Sterilization Or D&c Without Cc/Mcc 3,180 (5.2%) |
| 3 | Vaginal Delivery Without Sterilization Or D&c Without Cc/Mcc 1,239 (5.2%) | Septicemia Or Severe Sepsis Without Mv >96 Hours With Mcc 264 (3.8%) | Neonate With Other Significant Problems 424 (6.4%) | Septicemia Or Severe Sepsis Without Mv >96 Hours With Mcc 471 (5.3%) | Vaginal Delivery Without Sterilization Or D&c Without Cc/Mcc 154 (4.2%) | Vaginal Delivery Without Sterilization Or D&c Without Cc/Mcc 229 (4.7%) | Normal Newborn 250 (5.4%) | Septicemia Or Severe Sepsis Without Mv >96 Hours With Mcc 2,759 (4.5%) |
| 4 | Neonate With Other Significant Problems 878 (3.7%) | Neonate With Other Significant Problems 248 (3.6%) | Normal Newborn 405 (6.1%) | Psychoses 286 (3.2%) | Neonate With Other Significant Problems 149 (4.1%) | Neonate With Other Significant Problems 212 (4.4%) | Principal Diagnosis Invalid As Discharge Diagnosis 199 (4.3%) | Psychoses 2,512 (4.1%) |
| 5 | Psychoses 744 (3.1%) | Psychoses 182 (2.6%) | Depressive Neuroses 189 (2.9%) | Neonate With Other Significant Problems 235 (2.7%) | Alcohol, Drug Abuse Or Dependence Without Rehabilitation Therapy Without Mcc 128 (3.5%) | Alcohol, Drug Abuse Or Dependence Without Rehabilitation Therapy Without Mcc 196 (4.0%) | Septicemia Or Severe Sepsis Without Mv >96 Hours With Mcc 150 (3.3%) | Neonate With Other Significant Problems 2,470 (4.1%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 6 | Alcohol, Drug Abuse Or Dependence Without Rehabilitation Therapy Without Mcc 573 (2.4%) | Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity Without Mcc 137 (2.0%) | Septicemia Or Severe Sepsis Without Mv >96 Hours With Mcc 177 (2.7%) | Heart Failure And Shock With Mcc 193 (2.2%) | Miscellaneous Disorders Of Nutrition, Metabolism, Fluids And Electrolytes Without Mcc 81 (2.2%) | Psychoses 169 (3.5%) | Vaginal Delivery Without Sterilization Or D&c Without Cc/Mcc 127 (2.8%) | Alcohol, Drug Abuse Or Dependence Without Rehabilitation Therapy Without Mcc 1,288 (2.1%) |
| 7 | Septicemia Or Severe Sepsis Without Mv >96 Hours Without Mcc 483 (2.0%) | Heart Failure And Shock With Mcc 118 (1.7%) | Cesarean Section Without Sterilization Without Cc/Mcc 132 (2.0%) | Vaginal Delivery Without Sterilization Or D&c With Cc 155 (1.8%) | Septicemia Or Severe Sepsis Without Mv >96 Hours With Mcc 80 (2.2%) | Vaginal Delivery Without Sterilization Or D&c With Cc 99 (2.0%) | Cellulitis Without Mcc 113 (2.5%) | Vaginal Delivery Without Sterilization Or D&c With Cc 1,111 (1.8%) |
| 8 | Heart Failure And Shock With Mcc 475 (2.0%) | Vaginal Delivery Without Sterilization Or D&c With Cc 109 (1.6%) | Vaginal Delivery Without Sterilization Or D&c With Cc 129 (1.9%) | Alcohol, Drug Abuse Or Dependence Without Rehabilitation Therapy Without Mcc 145 (1.6%) | Vaginal Delivery Without Sterilization Or D&c With Cc 73 (2.0%) | Major Hip And Knee Joint Replacement Or Reattachment Of Lower Extremity Without Mcc 92 (1.9%) | Full Term Neonate With Major Problems 77 (1.7%) | Heart Failure And Shock With Mcc 1,057 (1.7%) |

| Rank | Anchorage | Gulf Coast | Interior | Mat-Su | Northern | Southeast | Southwest | All Alaska |
|------|---------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 9 | Vaginal Delivery Without Sterilization Or D&c With Cc 465 (2.0%) | Cesarean Section Without Sterilization Without Cc/Mcc 100 (1.4%) | Heart Failure And Shock With Mcc 91 (1.4%) | Cesarean Section Without Sterilization Without Cc/Mcc 134 (1.5%) | Other Factors Influencing Health Status 70 (1.9%) | Cesarean Section Without Sterilization Without Cc/Mcc 77 (1.6%) | Vaginal Delivery Without Sterilization Or D&c With Cc 76 (1.6%) | Septicemia Or Severe Sepsis Without Mv >96 Hours Without Mcc 945 (1.6%) |
| 10 | Pulmonary Edema And Respiratory Failure 374 (1.6%) | Septicemia Or Severe Sepsis Without Mv >96 Hours Without Mcc 97 (1.4%) | Alcohol, Drug Abuse Or Dependence Without Rehabilitation Therapy Without Mcc 72 (1.1%) | Septicemia Or Severe Sepsis Without Mv >96 Hours Without Mcc 132 (1.5%) | Poisoning And Toxic Effects Of Drugs Without Mcc 65 (1.8%) | Heart Failure And Shock With Mcc 73 (1.5%) | Other Antepartum Diagnoses Without O.R. Procedures With Cc 73 (1.6%) | Cesarean Section Without Sterilization Without Cc/Mcc 804 (1.3%) |

Appendix D: Outpatient Laboratory and Radiology Revenue Codes

Table 68. Laboratory and Radiology Revenue Codes

| Code | Revenue Code Description |
|-------------|--------------------------------------------------------------------------------------------|
| 300 | Laboratory - General Classification |
| 301 | Laboratory - Chemistry |
| 302 | Laboratory - Immunology |
| 303 | Laboratory - Renal Patient (Home) |
| 304 | Laboratory - Non-Routine Dialysis |
| 305 | Laboratory - Hematology |
| 306 | Laboratory - Bacteriology and Microbiology |
| 307 | Laboratory - Urology |
| 309 | Laboratory - Other Laboratory |
| 310 | Laboratory Pathology - General Classification |
| 311 | Laboratory Pathology - Cytology |
| 312 | Laboratory Pathology - Histology |
| 314 | Laboratory Pathology - Biopsy |
| 319 | Laboratory Pathology - Other Laboratory Pathology |
| 320 | Radiology - Diagnostic - General Classification |
| 321 | Radiology - Diagnostic - Angiocardiology |
| 322 | Radiology - Diagnostic - Arthrography |
| 323 | Radiology - Diagnostic - Arteriography |
| 324 | Radiology - Diagnostic - Chest X-Ray |
| 329 | Radiology - Diagnostic - Other Radiology - Diagnostic |
| 330 | Radiology - Therapeutic and/or Chemotherapy Administration - General Classification |
| 331 | Radiology - Therapeutic and/or Chemotherapy Administration - Chemotherapy Admin - Injected |
| 332 | Radiology - Therapeutic and/or Chemotherapy Administration - Chemotherapy Admin - Oral |
| 333 | Radiology - Therapeutic and/or Chemotherapy Administration - Radiation Therapy |
| 335 | Radiology - Therapeutic and/or Chemotherapy Administration - Chemotherapy Admin - IV |
| 339 | Radiology - Therapeutic and/or Chemotherapy Administration - Other Radiology - Therapeutic |
| 340 | Nuclear Medicine - General Classification |
| 341 | Nuclear Medicine - Diagnostic |
| 342 | Nuclear Medicine - Therapeutic |
| 343 | Nuclear Medicine - Diagnostic Radiopharmaceuticals |
| 344 | Nuclear Medicine - Therapeutic Radiopharmaceuticals |
| 349 | Nuclear Medicine - Other Nuclear Medicine |
| 350 | CT Scan - General Classification |
| 351 | CT Scan - CT Head Scan |
| 352 | CT Scan - CT Body Scan |
| 359 | CT Scan - CT - Other |
| 400 | Other Imaging Services - General Classification |
| 401 | Other Imaging Services - Diagnostic Mammography |
| 402 | Other Imaging Services - Ultrasound |
| 403 | Other Imaging Services - Screening Mammography |
| 404 | Other Imaging Services - Positron Emission Tomography |
| 409 | Other Imaging Services - Other Imaging Services |

| Code | Revenue Code Description |
|------|---------------------------------------------------------------|
| 482 | Cardiology - Stress Test |
| 483 | Cardiology - Echocardiology |
| 610 | Magnetic Resonance Technology (MRT) - General Classification |
| 611 | Magnetic Resonance Technology (MRT) - MRI - Brain/Brainstem |
| 612 | Magnetic Resonance Technology (MRT) - MRI Spinal Cord/Spine |
| 614 | Magnetic Resonance Technology (MRT) - MRI - Other |
| 615 | Magnetic Resonance Technology (MRT) - MRA - Head and Neck |
| 616 | Magnetic Resonance Technology (MRT) - MRA - Lower Extremities |
| 618 | Magnetic Resonance Technology (MRT) - MRA - Other |
| 619 | Magnetic Resonance Technology (MRT) - Other MRT |
| 730 | EKG/ECG (Electrocardiogram) - General Classification |
| 731 | EKG/ECG (Electrocardiogram) - Holter Monitor |
| 732 | EKG/ECG (Electrocardiogram) - Telemetry |
| 739 | EKG/ECG (Electrocardiogram) - Other EKG/ECG |
| 740 | EEG (Electroencephalogram) - General Classification |
| 860 | Magnetoencephalography (MEG) - General Classification |
| 861 | Magnetoencephalography (MEG) - MEG |
| 920 | Other Diagnostic Services - General Classification |
| 921 | Other Diagnostic Services - Peripheral Vascular Lab |
| 922 | Other Diagnostic Services - Electromyelgram |
| 923 | Other Diagnostic Services - Pap smear |
| 924 | Other Diagnostic Services - Allergy Test |
| 925 | Other Diagnostic Services - Pregnancy Test |
| 929 | Other Diagnostic Services - Other Diagnostic Service |

Appendix E: Glossary of Terms

Billed Charges: The dollar amount invoiced for the discharge by the medical facility to the primary payer. Any charges related to the discharge, but not billed by the facility, are not included in billed charges. For example, most physicians bill separately. Additionally, the billed charge amount may differ significantly from what is actually paid, for example, medical insurance companies may have negotiated discounted rates.

Clinical Classification Software Refined (CCSR):

Designed by the Agency for Healthcare Research and Quality (AHRQ), this diagnosis grouper aggregates inpatient and outpatient discharge ICD-10-CM codes into 540 categories.

Current Procedural Terminology (CPT): CPT is the industry standard for coding outpatient medical procedures. Procedures performed in Ambulatory Surgery Centers and Hospital Outpatient Surgery departments are analyzed using CPT categories. The American Medical Association (AMA) maintains the catalog of procedures.

Diagnosis: The condition, determined after study, which led to the patient's visit or hospitalization. Both the inpatient and outpatient conditions are identified using ICD-10-CM codes. Each discharge can have multiple diagnoses, but only the principal diagnosis, or first-listed diagnosis, is used in this report. Diagnosis code groupers such as CCSR combine diagnosis codes into clinically meaningful categories.

Diagnosis-Related Groups (DRG): A classification system for inpatient discharges. This diagnosis grouper uses DRG 3M software version 36 to aggregate ICD-10-CM codes into approximately 770 categories.

Discharge: The point at which a patient officially leaves a medical facility. The same individual can have multiple discharges throughout one year and each different discharge is counted in the annual report. Note that discharges do not necessarily reflect disease incidence or prevalence, just use of the hospital resource.

Emergency Department (ED) Visits: An outpatient discharge where the place of service is identified by the hospital as the emergency room.

Inpatient Discharges: A patient's discharge record from a medical facility that the facility identified as an inpatient stay, which typically includes a formal

admission into a hospital by a licensed practitioner and at least one overnight stay.

International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM): ICD-10-CM is the industry standard for coding medical diagnoses. The ICD-10-CM code set is maintained by the National Center for Health Statistics (NCHS) of the Centers for Disease Control and Prevention (CDC) for use in the United States. It is based on ICD-10, which was developed by the World Health Organization (WHO) and is used internationally.

International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS): ICD-10-PCS is the industry standard for coding inpatient medical procedures. The Centers for Medicare and Medicaid Services (CMS) maintains the catalog of procedure codes used for hospital inpatient settings.

Median Charges: The median charge for a diagnosis category is amount on the middle discharge record when all the discharge records for the category are sorted by billed charges.

Median Days: For inpatient discharges, the Median Days is based on the number of days between the billing-from-date (typically the admission date) and the billing-to-date (typically the discharge date). The median days in the hospital for a diagnosis category is the number of days on the middle discharge record when all the discharge records for the category are sorted by number of days.

Outpatient Discharges: A patient's discharge record from a medical facility that the facility identified as an outpatient visits without a hospital admission, and all visits to ambulatory surgery centers.

Outpatient Lab or Radiology Visits: "Other outpatient" place of service hospital visits in which the billing record *only* includes one or more of the sixty-six laboratory and radiology revenue codes listed in Appendix D. If an "other outpatient" place of service discharge record *also* contains a revenue code that is not one of the lab/radiology codes, that record would be categorized as an Outpatient Non-Emergency Department Visit instead of an Outpatient Lab or Radiology Visit.

Outpatient Non-Emergency Department Visits: An outpatient discharge where the place of service is

identified as something other than emergency department (non-ED) except for a discharge that was only for laboratory or radiology services (lab/radiology-only). The non-ED outpatient place of service categories are outpatient surgery, outpatient observation, invalid/missing, and other outpatient except for lab/radiology-only records.

Outpatient Surgery Procedures: Any line item in the revenue codes portion of an outpatient bill in which the CPT maps to a value of 1 or 2 using the [Surgery Flags Software for Services and Procedures](#) tool. The Outpatient Surgery Procedures chapter only analyzes procedures with a surgery flag value of 1 or 2. While both values are combined for analysis in this report, the value 2 represents a narrowly defined surgery that is usually a major *therapeutic* procedure, and the value 1 represents a broadly defined surgery that includes major *diagnostic* and invasive minor *therapeutic* procedures.

Primary Payer: The entity that the facility was expected to bill first. Examples include Medicare, Medicaid, and Commercial Insurance.