

# Alaska Health Facilities Data Reporting Program 2022 Annual Report



Alaska Department of Health

Division of Public Health

Health Analytics and Vital Records



# Alaska Health Facilities Data Reporting Program 2022 Annual Report

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## Purpose Of This Report

The Alaska Health Facilities Data Reporting (HFDR) Program 2022 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

This report was prepared by the Alaska Department of Health (DOH), Division of Public Health (DPH), Health Analytics and Vital Records Section (HAVRS), Health Analytics Unit:

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## Additional Information

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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 (AHHHA) (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

### 2022 Facility Discharge Counts Summary

**Table 1. Discharges by Patient Characteristic<sup>1</sup>**

Characteristic	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient Other	Outpatient Lab or Radiology
Sex: Male	26,326	128,541	39,811	190,557	200,346
Sex: Female	32,154	146,828	45,423	284,708	320,784
Race: White	30,462	119,272	49,743	160,593	292,795
Race: AI/AN	15,950	100,136	11,181	269,583	141,073
Race: Asian/PI	3,581	17,198	3,759	10,017	27,182
Race: Black	1,912	11,931	1,886	5,622	12,323
Ethnicity: Hispanic	2,214	12,915	2,151	11,118	16,214
Age Group: 00-14	10,117	45,175	5,315	62,810	47,581
Age Group: 15-24	4,420	35,926	3,984	42,751	43,107
Age Group: 25-34	8,253	45,732	6,442	60,829	64,266
Age Group: 35-44	5,996	40,357	9,765	55,204	68,262
Age Group: 45-54	4,849	30,551	14,274	52,300	65,202
Age Group: 55-64	7,788	33,018	18,783	71,289	87,909
Age Group: 65-74	8,825	25,797	18,242	79,134	90,507
Age Group: 75+	8,241	18,831	8,441	51,027	54,383
Payer: Medicare	17,275	45,878	23,503	125,733	135,270
Payer: Medicaid	19,500	114,184	13,870	133,793	107,192
Payer: Commercial	13,832	65,865	32,064	132,039	207,622
Payer: Self Pay	3,593	23,321	3,549	58,682	41,152
Payer: Other	4,297	26,318	12,263	25,228	30,072
Region: Anchorage	23,412	111,188	37,954	190,014	168,679
Region: Gulf Coast	6,887	24,607	11,940	86,507	80,882
Region: Interior	6,373	29,611	7,148	35,212	84,824
Region: Mat-Su	8,208	30,007	16,361	21,056	35,808
Region: Northern	3,589	21,091	1,741	50,212	44,657
Region: Southeast	4,943	22,752	6,994	31,123	76,969
Region: Southwest	3,764	26,462	2,648	58,592	22,836
Region: Out of State	1,267	9,237	440	2,525	5,923
Alaska 2022	58,506	275,568	85,252	475,483	521,311
Alaska 2021	57,723	244,319	84,565	529,750	651,751
Alaska 2020	55,513	223,841	89,972	453,244	561,155

<sup>1</sup>A discharge, episode of service, is only counted once within the year even if more than one billing record exists for that same visit or stay.

**Table 2. 2022 Facility Billed Charges Summary<sup>1</sup>**

Characteristic	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient Other	Outpatient Lab or Radiology
Sex: Male	\$2,815,322,610	\$635,124,634	\$940,115,096	\$620,552,382	\$185,374,100
Sex: Female	\$2,490,960,930	\$746,902,066	\$976,910,593	\$780,435,223	\$279,667,747
Race: White	\$3,023,712,354	\$705,639,304	\$1,213,027,996	\$785,113,299	\$267,023,960
Race: AI/AN	\$1,176,165,116	\$398,639,315	\$214,113,776	\$450,086,461	\$127,707,533
Race: Asian/PI	\$336,370,837	\$90,520,197	\$71,444,806	\$55,816,891	\$19,624,870
Race: Black	\$193,490,126	\$63,585,761	\$40,843,269	\$31,994,296	\$10,706,546
Ethnicity: Hispanic	\$191,281,236	\$68,925,725	\$47,460,512	\$44,423,608	\$13,839,039
Age Group: 00-14	\$548,972,397	\$115,833,961	\$95,863,221	\$74,827,688	\$22,042,329
Age Group: 15-24	\$246,157,842	\$155,103,357	\$90,138,437	\$81,829,503	\$30,512,570
Age Group: 25-34	\$455,536,203	\$217,684,115	\$150,526,464	\$131,348,029	\$49,252,049
Age Group: 35-44	\$499,004,029	\$211,167,891	\$231,737,095	\$148,664,447	\$57,440,349
Age Group: 45-54	\$567,532,717	\$175,696,334	\$292,582,951	\$165,454,323	\$64,316,384
Age Group: 55-64	\$988,728,432	\$202,806,305	\$423,179,537	\$283,232,932	\$92,791,884
Age Group: 65-74	\$1,123,808,673	\$168,687,332	\$433,168,275	\$320,143,394	\$95,946,220
Age Group: 75+	\$876,226,452	\$135,074,523	\$200,547,667	\$195,545,910	\$52,785,389
Payer: Medicare	\$2,007,180,692	\$304,595,452	\$556,589,458	\$518,212,871	\$136,193,101
Payer: Medicaid	\$1,648,689,854	\$505,552,645	\$304,139,972	\$287,642,323	\$86,340,721
Payer: Commercial	\$1,031,233,852	\$341,381,885	\$656,502,307	\$411,814,871	\$176,691,586
Payer: Self Pay	\$171,851,451	\$103,661,126	\$77,201,670	\$76,694,890	\$30,606,303
Payer: Other	\$448,082,271	\$127,462,215	\$323,396,851	\$106,846,594	\$35,333,069
Region: Anchorage	\$2,502,840,401	\$625,632,563	\$824,523,272	\$476,447,938	\$144,874,271
Region: Gulf Coast	\$559,668,139	\$138,309,772	\$254,642,086	\$285,374,036	\$87,831,298
Region: Interior	\$449,160,944	\$119,429,174	\$161,955,346	\$153,315,216	\$67,190,008
Region: Mat-Su	\$865,608,280	\$201,575,768	\$489,479,188	\$197,764,016	\$54,225,589
Region: Northern	\$206,605,725	\$70,953,585	\$36,473,322	\$68,260,452	\$32,911,381
Region: Southeast	\$315,507,802	\$100,062,795	\$89,325,186	\$118,702,062	\$55,698,310
Region: Southwest	\$270,303,701	\$76,971,848	\$49,968,482	\$85,389,912	\$18,877,999
Region: Out of State	\$131,806,815	\$47,191,612	\$10,969,488	\$15,270,822	\$3,090,347
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
Alaska 2020	\$4,383,973,536	\$1,005,068,265	\$1,357,894,386	\$1,188,544,363	\$413,113,536

<sup>1</sup>Billed 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 (2020-2022)

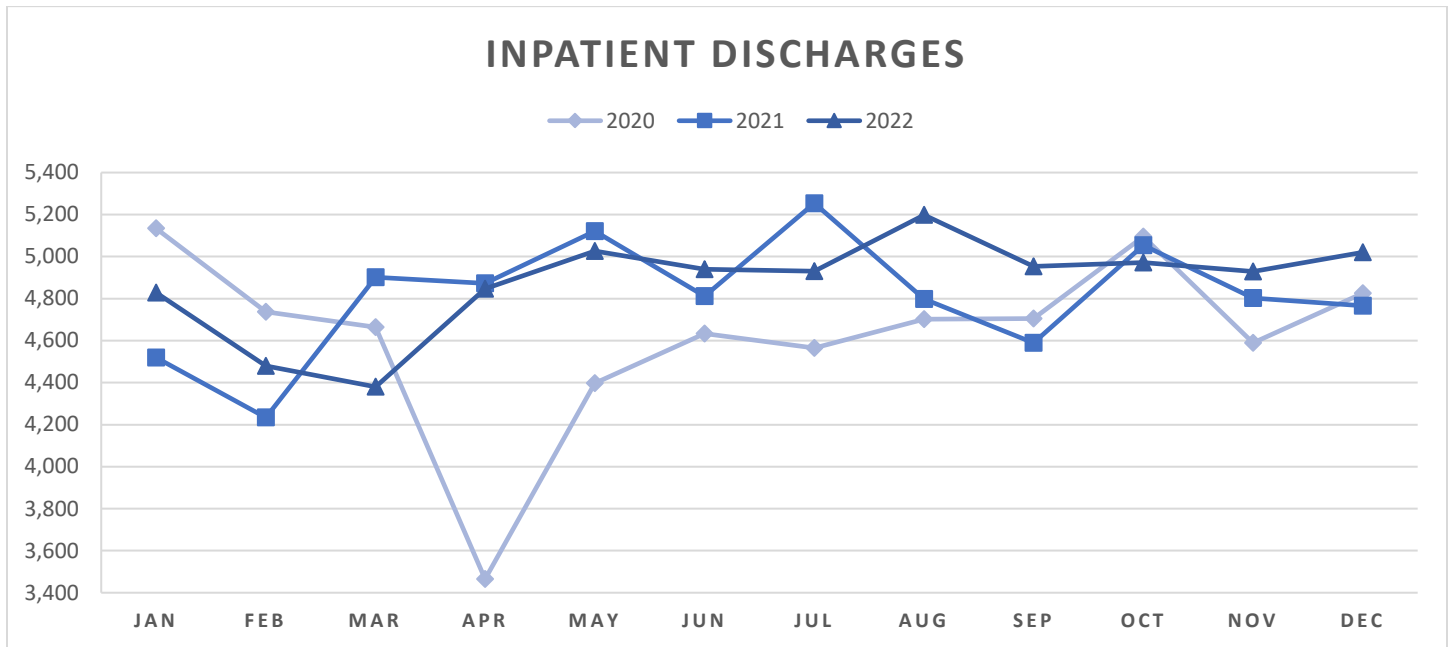


Table 3 Inpatient Discharges by Month (2020-2022)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	5,134	4,737	4,664	3,465	4,398	4,633	4,565	4,702	4,705	5,095	4,589	4,826
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

Figure 2. Outpatient Emergency Department Visits by Month (2020-2022)

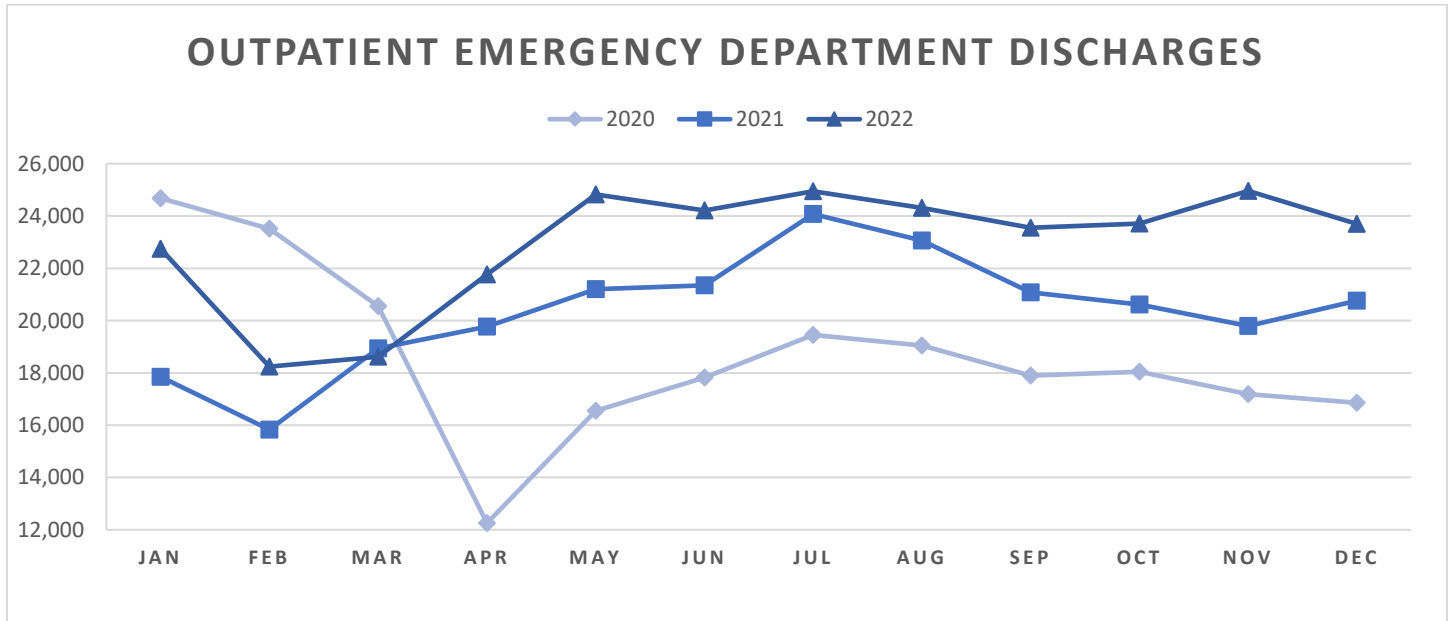


Table 4. Outpatient Emergency Department Visits by Month (2020-2022)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	24,679	23,512	20,555	12,256	16,545	17,817	19,448	19,052	17,894	18,037	17,189	16,857
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

Figure 3. Outpatient All Other Discharges by Month (2020-2022)

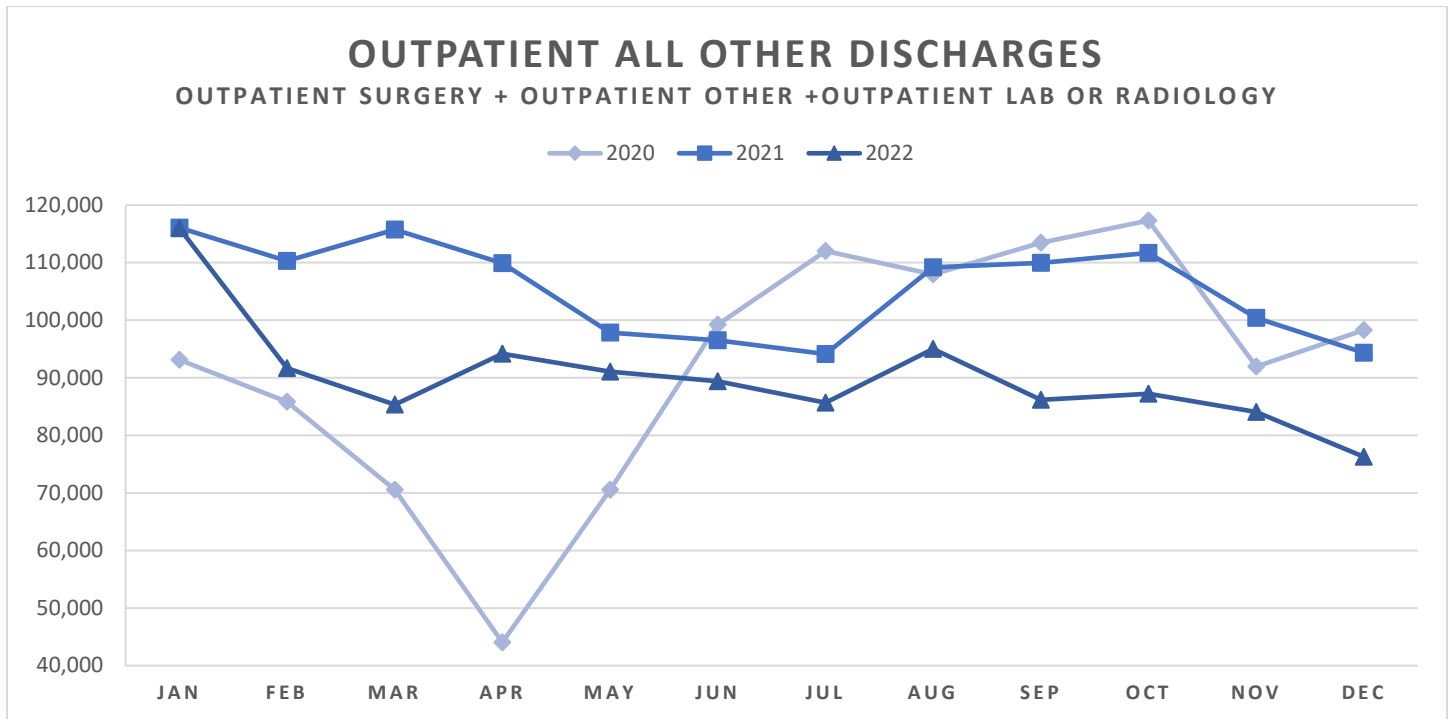


Table 5. Outpatient All Other Visits by Month (2020-2022)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	93,102	85,842	70,526	44,057	70,530	99,250	112,025	107,975	113,471	117,319	91,970	98,304
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

## Introduction

### The Data

The Health Facilities Data Reporting (HFDR) program facilitates the ongoing, quarterly health facility data submissions required under Alaska Regulation 7 AAC 27.660. This report provides information on the program's management and administration, and summary statistics for discharges occurring during calendar year 2022.

The HFDR program collects inpatient and outpatient discharge data (including emergency department) from private, municipal, state, and federal hospitals (except for the 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. The combined data comprise the Alaska HFDR Inpatient and Outpatient Datasets.

Health facilities submit discharge data quarterly to the Alaska Department of Health (DOH) via a data clearinghouse, Hospital Industry Data Institute (HIDI), where they are edited for accuracy and quality before being provided to the HFDR program.

Data reported are from billing records for each hospital discharge and include: coded clinical information such as diagnosis and procedure codes and length of stay, financial information such as billed charges and expected sources of payment, and patient demographics, such as age, race, and gender. In an effort to reduce the impact of reporting 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 the submission process. The annual average is 1.5 million discharge records for the years in this report, 2020 through 2022. In 2022, the dataset contains a total of 1,416,120 discharges for the year.

### Background

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 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 Title 7, Chapter 27, Section 660 of the Alaska Administrative Code ([7 AAC 27.660](#)) Article 14. *Health Care Facility Discharge Data Reporting* 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 returned to the Department. 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 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](mailto: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, billed charges are not what is actually paid by insurers after negotiated discounts.

## 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 number, 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 2022 inpatient datasets contain approximately 58,500 discharge records with over 1.3

million itemized billing records, and the outpatient datasets contains almost 1.4 million discharges with 6.2 million itemized billing records.

The Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP) requested and received the 2022 inpatient and outpatient datasets to include in the [National Inpatient Sample](#), a 48-state dataset used for national health services research and policy analysis, and to include in the [Nationwide Emergency Department Sample](#) including 40 states and the [Nationwide Ambulatory Surgery Sample](#) including 35 states.

## Quality Improvement

All 18 ambulatory surgical centers and 24 non-military hospitals submitted discharge data for 2022. These facilities are listed in Appendix A. The Surgery Center of Kenai was purchased by and became part of Central Peninsula Hospital effective in September 2022.

In 2022, most facilities reported data by the quarterly due date, allowing datasets to be extracted within two weeks following the following 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.

The inpatient error rate remained steady from 10.7% of submitted records for 2021 to 10.6% for 2022. The outpatient error rate increased from 10.4% for 2021 to 11.0% for 2022.

## 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 are currently only reported in one 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 the Alaska Public Health Regions (Appendix B).
- Discharges are grouped based on the principal diagnoses into categories by the AHRQ HCUP Clinical Classification Software Refined (CCSR).
- 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.

## 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.
- 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 other charges made by clinicians or other service providers.
- Patient race-ethnicity is not collected directly on the UB-04 form and is 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. Note that Samuel Simmonds Memorial Hospital did not report race-ethnicity data for 2020-2021 and data for 2022 were incomplete.

## Data Source

Alaska Department of Health, Division of Public Health, Health Analytics and Vital Records Section, Health Facilities Data Reporting Program, 2022v2, 2021v2, 2020v3 datasets.





## Inpatient Chapter

### Inpatient Introduction

#### Diagnosis Code Aggregation

The medical reasons (diagnoses) for each hospital stay are a key criterion in the analysis of health facilities data. Diagnoses are determined by health care facilities as part of their billing process using the *International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM)*, the international standard reference for the classification of morbidity. While the ICD-10-CM contains thousands of individual diagnosis codes, these codes are commonly combined into similar categories by software programs to facilitate public health analysis.

In this section, a diagnosis software grouping program, the AHRQ Clinical Classification Software Refined (CCSR) program, was used to aggregate the principal diagnosis ICD-10-CM code into approximately 530 CCSR categories. Each CCSR category falls within a major CCSR domain (group) representing one of 21 body systems. 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.

In addition, hospitals categorize inpatient stays by diagnosis-related groups (DRG) for billing purposes. Statewide and Alaska Public Health Regions top 10 DRG categories are provided in Appendix C.

#### Procedure Code Aggregation

Yet another way to categorize a discharge is based on the grouping of the principal procedure code. If an International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS) code is used in an inpatient record, it can be grouped using the Healthcare Cost and Utilization Project (HCUP) CCSR program into over 320 clinical categories across 31 major clinical domains (groups).

#### Revenue Code Aggregation

Another way to categorize a discharge is based on the hospital resources that were 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 resources, those that begin with 36 used Operating Room 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

- Hospitals reporting inpatient discharges billed primary payers \$5.3 billion for 58,506 stays in 2022.
- The top 10 leading causes of hospitalization (LCOH) include 21,475 (or 37%) of total inpatient stays in 2022.
- The top three LCOH for 2022 were:
  - #1: *Liveborn infants* - the median length of stay was two days; the median charge was \$6,341.
  - #2: *Septicemia* - the median length of stay was five days; the median charge was \$80,505.
  - #3: *Complications specified during childbirth* - the median length of stay was two days; the median charge was \$20,527.
- Medicaid was the most common primary payer for inpatient stays, covering 33% of all discharges.
- By age, the LCOH for inpatients under age 4 was *liveborn infant*. For patients ages 5 to 24 the LCOH was *depressive disorders*. For patients ages 25 to 34 the LCOH was *complications specified during childbirth*. For patients over age 35 the LCOH was *septicemia*.
- By gender, the category with the highest percentage of women (aside from the two diagnoses related to childbirth) was *depressive disorders* at 60%. The category with the highest percentage of men was *Schizophrenia spectrum and other psychotic disorders* at 64%.
- The most common inpatient *procedures* are in the pregnancy related CCSR procedure group. The top three CCSR procedure *categories* in this group are 1) spontaneous vaginal delivery, 2) cesarean section, and 3) assisted vaginal delivery.
- For each ten-year age group between age 15 to 44 the leading CCSR procedure domain is the pregnancy-related group, and for each ten-year age group over age 44 the leading domain is the musculoskeletal, subcutaneous tissue, and fascia procedures group.
- Inpatient discharges that used the emergency room (ER) increased 2% from 28,916 in 2021 to 29,568 in 2022. Discharges that used the operating room (OR) increased 1% from 17,157 in 2021 to 17,399 in 2022. Discharges that used the intensive care unit (ICU) increased 6% from 15,062 in 2021 to 16,007 in 2022.
- The COVID-19 CCSR was the ninth leading cause of hospitalization statewide in 2022 with 3,100 discharges, which is down from third in 2021 with 4,184 discharges.
- The average billed charge in 2022 for inpatient discharges with a COVID-19 diagnosis was \$122,100. If a COVID-19 discharge used the ICU, the average billed charge for 2022 was \$182,987 with an average length of stay of 11.0 days.

2022 Alaska Public Health Regions Leading Causes of Hospitalization

Table 6. Alaska Public Health Regions Top Ten Inpatient CCSR Categories

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Liveborn Infant 2,725 (11.6%)	Liveborn Infant 735 (10.7%)	Liveborn Infant 1,012 (15.9%)	Liveborn Infant 1,003 (12.2%)	Liveborn Infant 394 (11.3%)	Liveborn Infant 522 (10.6%)	Liveborn Infant 473 (12.6%)	Liveborn Infant 6,889 (11.8%)
2	Septicemia 2,102 (9.0%)	Septicemia 398 (5.8%)	Depressive disorders 314 (4.9%)	Septicemia 722 (8.8%)	Alcohol-related disorders 165 (4.7%)	Septicemia 321 (6.5%)	Complications specified during childbirth 225 (6.0%)	Septicemia 4,257 (7.3%)
3	Complications specified during childbirth 651 (2.8%)	Heart failure 228 (3.3%)	Bipolar and related disorders 296 (4.6%)	Complications specified during childbirth 262 (3.2%)	Complications specified during childbirth 128 (3.7%)	Alcohol-related disorders 174 (3.5%)	Septicemia 220 (5.9%)	Complications specified during childbirth 1,714 (2.9%)
4	Heart failure 597 (2.6%)	Osteoarthritis 206 (3.0%)	Septicemia 227 (3.6%)	Spondylopathies/spondyloarthropathy (including infective) 212 (2.6%)	Septicemia 126 (3.6%)	Complications specified during childbirth 133 (2.7%)	Depressive disorders 168 (4.5%)	Heart failure 1,410 (2.4%)
5	Alcohol-related disorders 565 (2.4%)	Spondylopathies/spondyloarthropathy (including infective) 182 (2.6%)	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 227 (3.6%)	Heart failure 188 (2.3%)	Depressive disorders 106 (3.0%)	Coronavirus disease – 2019 (COVID-19) 131 (2.7%)	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 152 (4.0%)	Alcohol-related disorders 1,397 (2.4%)
6	Spondylopathies/spondyloarthropathy (including infective) 532 (2.3%)	Complications specified during childbirth 163 (2.4%)	Schizophrenia spectrum and other psychotic disorders 211 (3.3%)	Acute myocardial infarction 176 (2.1%)	Schizophrenia spectrum and other psychotic disorders 90 (2.6%)	Heart failure 119 (2.4%)	Pneumonia (except that caused by tuberculosis) 105 (2.8%)	Depressive disorders 1,347 (2.3%)
7	Respiratory failure; insufficiency; arrest 452 (1.9%)	Coronavirus disease – 2019 (COVID-19) 160 (2.3%)	Complications specified during childbirth 148 (2.3%)	Depressive disorders 154 (1.9%)	Chronic obstructive pulmonary disease and bronchiectasis 81 (2.3%)	Acute myocardial infarction 107 (2.2%)	Schizophrenia spectrum and other psychotic disorders 102 (2.7%)	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 1,189 (2.0%)



Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
8	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 439 (1.9%)	Pneumonia (except that caused by tuberculosis) 149 (2.2%)	Heart failure 128 (2.0%)	Coronavirus disease – 2019 (COVID-19) 151 (1.8%)	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 80 (2.3%)	Osteoarthritis 92 (1.9%)	Skin and subcutaneous tissue infections 98 (2.6%)	Spondylopathies/spondyloarthropathy (including infective) 1,134 (1.9%)
9	Cerebral infarction 423 (1.8%)	Alcohol-related disorders 143 (2.1%)	Alcohol-related disorders 113 (1.8%)	Previous C-section 147 (1.8%)	Suicidal ideation/attempt/intentional self-harm 76 (2.2%)	Respiratory failure; insufficiency; arrest 92 (1.9%)	Early or threatened labor 86 (2.3%)	Coronavirus disease – 2019 (COVID-19) 1,112 (1.9%)
10	Depressive disorders 390 (1.7%)	Chronic obstructive pulmonary disease and bronchiectasis 126 (1.8%)	Malposition, disproportion or other labor complications 112 (1.8%)	Diabetes mellitus with complication 140 (1.7%)	Skin and subcutaneous tissue infections 74 (2.1%)	Depressive disorders 87 (1.8%)	Alcohol-related disorders 81 (2.2%)	Schizophrenia spectrum and other psychotic disorders 1,026 (1.8%)

**2022 Inpatient CCSR Categories with Examples of Diagnoses**

*Table 7. Top Ten CCSR Categories with Top Three Principal Diagnoses*

Rank	CCSR Diagnosis Category	ICD-10-CM Examples
1	Liveborn Infant 6,889 (11.8%)	Single liveborn infant, delivered vaginally (5,088) Single liveborn infant, delivered by cesarean (1,599) Twin liveborn infant, delivered by cesarean (86)
2	Septicemia 4,257 (7.3%)	Sepsis, unspecified organism (2,824) Sepsis due to Escherichia coli [E. coli] (275) Other specified sepsis (268)
3	Complications specified during childbirth 1,714 (2.9%)	Streptococcus B carrier state complicating childbirth (340) Anemia complicating childbirth (251) Liver and biliary tract disorders in childbirth (162)

Rank	CCSR Diagnosis Category	ICD-10-CM Examples
4	Heart failure 1,410 (2.4%)	Hypertensive heart disease with heart failure (629) Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease (466) Acute on chronic systolic (congestive) heart failure (103)
5	Alcohol-related disorders 1,397 (2.4%)	Alcohol dependence with withdrawal, unspecified (619) Alcohol dependence with withdrawal delirium (197) Alcohol dependence with intoxication, unspecified (105)
6	Depressive disorders 1,347 (2.3%)	Major depressive disorder, recurrent severe without psychotic features (580) Major depressive disorder, single episode, unspecified (176) Major depressive disorder, recurrent, severe with psychotic symptoms (157)
7	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 1,189 (2.0%)	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth (326) Severe pre-eclampsia complicating childbirth (212) Mild to moderate pre-eclampsia, complicating childbirth (147)
8	Spondylopathies/spondyloarthropathy (including infective) 1,134 (1.9%)	Spinal stenosis, cervical region (273) Spinal stenosis, lumbar region with neurogenic claudication (200) Spinal stenosis, lumbar region without neurogenic claudication (97)
9	Coronavirus disease – 2019 (COVID-19) 1,112 (1.9%)	COVID-19 (1,111) Post COVID-19 condition, unspecified (1)
10	Schizophrenia spectrum and other psychotic disorders 1,026 (1.8%)	Schizophrenia, unspecified (221) Schizoaffective disorder, unspecified (202) Schizoaffective disorder, bipolar type (196)

## 2022 Leading Causes of Hospitalization by Patient Characteristic

Table 8. All Inpatient Discharges

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	26,326	45.0%	\$55,745	\$2,815,322,610	3	178,121
Sex: Female	32,154	55.0%	\$39,775	\$2,490,960,930	3	170,326
Race: White	30,462	52.1%	\$55,733	\$3,023,712,354	3	183,372
Race: AI/AN	15,950	27.3%	\$35,919	\$1,176,165,116	3	93,020
Race: Asian/PI	3,581	6.1%	\$48,148	\$336,370,837	3	20,213
Race: Black	1,912	3.3%	\$56,622	\$193,490,126	3	12,592
Ethnicity: Hispanic	2,214	3.8%	\$41,996	\$191,281,236	3	11,920
Age Group: 00-14	10,117	17.3%	\$9,525	\$548,972,397	2	46,965
Age Group: 15-24	4,420	7.6%	\$30,662	\$246,157,842	3	21,045
Age Group: 25-34	8,253	14.1%	\$30,569	\$455,536,203	2	33,473
Age Group: 35-44	5,996	10.2%	\$45,087	\$499,004,029	3	32,237
Age Group: 45-54	4,849	8.3%	\$66,713	\$567,532,717	3	33,906
Age Group: 55-64	7,788	13.3%	\$73,001	\$988,728,432	4	53,911
Age Group: 65-74	8,825	15.1%	\$77,983	\$1,123,808,673	4	64,888
Age Group: 75+	8,241	14.1%	\$68,269	\$876,226,452	4	62,090
Payer: Medicare	17,275	29.5%	\$71,761	\$2,007,180,692	4	128,056
Payer: Medicaid	19,500	33.3%	\$37,706	\$1,648,689,854	3	118,940
Payer: Commercial	13,832	23.6%	\$35,172	\$1,031,233,852	2	60,775
Payer: Self Pay	3,593	6.1%	\$21,364	\$171,851,451	2	13,960
Payer: Other	4,297	7.3%	\$52,535	\$448,082,271	3	26,796
Region: Anchorage	23,412	40.0%	\$57,572	\$2,502,840,401	3	154,603
Region: Gulf Coast	6,887	11.8%	\$41,472	\$559,668,139	3	39,982
Region: Interior	6,373	10.9%	\$34,598	\$449,160,944	3	32,516
Region: Mat-Su	8,208	14.0%	\$61,039	\$865,608,280	3	43,471
Region: Northern	3,589	6.1%	\$27,248	\$206,605,725	2	17,170
Region: Southeast	4,943	8.4%	\$29,224	\$315,507,802	3	30,580
Region: Southwest	3,764	6.4%	\$26,074	\$270,303,701	3	21,855
Region: Out of State	1,267	2.2%	\$58,683	\$131,806,815	3	7,939
Alaska 2022	58,506	100.0%	\$46,194	\$5,307,497,165	3	348,565
Alaska 2021	57,723	-	\$43,573	\$4,941,882,656	3	342,433
Alaska 2020	55,513	-	\$40,904	\$4,383,973,536	3	313,643

**Table 9. #1 Inpatient CCSR Category: Liveborn Infant (11.8% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	3,529	51.2%	\$7,106	\$167,132,772	2	14,115
Sex: Female	3,354	48.7%	\$5,702	\$132,269,882	2	12,749
Race: White	2,211	32.1%	\$5,321	\$67,112,031	2	6,805
Race: AI/AN	1,797	26.1%	\$9,722	\$54,104,856	2	6,284
Race: Asian/PI	361	5.2%	\$5,513	\$14,650,421	2	1,370
Race: Black	108	1.6%	\$5,522	\$4,112,567	2	436
Ethnicity: Hispanic	290	4.2%	\$5,426	\$8,309,192	1	864
Age Group: 00-14	6,889	100.0%	\$6,341	\$299,624,703	2	26,880
Payer: Medicaid	2,301	33.4%	\$6,331	\$158,194,069	2	11,980
Payer: Commercial	2,623	38.1%	\$5,262	\$88,949,040	2	8,663
Payer: Self Pay	1,455	21.1%	\$9,345	\$25,316,304	2	3,925
Payer: Other	510	7.4%	\$6,131	\$27,165,289	2	2,312
Region: Anchorage	2,725	39.6%	\$6,410	\$131,320,732	2	11,435
Region: Gulf Coast	735	10.7%	\$5,095	\$30,453,216	2	2,523
Region: Interior	1,012	14.7%	\$5,447	\$31,375,967	2	3,650
Region: Mat-Su	1,003	14.6%	\$6,171	\$36,627,208	2	3,264
Region: Northern	394	5.7%	\$9,862	\$19,027,103	2	1,551
Region: Southeast	522	7.6%	\$5,466	\$8,195,333	2	1,295
Region: Southwest	473	6.9%	\$9,608	\$40,410,533	2	3,028
Region: Out of State	21	0.3%	\$9,722	\$2,189,548	2	128
Alaska 2022	6,889	100.0%	\$6,341	\$299,624,703	2	26,880
Alaska 2021	7,014	-	\$5,784	\$294,619,821	2	27,719
Alaska 2020	7,065	-	\$5,271	\$259,937,671	2	27,221

**Table 10. #2 Inpatient CCSR Category: Septicemia (7.3% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	2,262	53.1%	\$84,873	\$356,433,932	5	21,442
Sex: Female	1,994	46.8%	\$77,398	\$275,118,318	5	17,492
Race: White	2,391	56.2%	\$84,926	\$338,961,716	5	20,200
Race: AI/AN	1,086	25.5%	\$73,896	\$178,183,600	5	12,010
Race: Asian/PI	323	7.6%	\$76,857	\$44,852,910	5	2,504
Race: Black	139	3.3%	\$82,465	\$19,952,306	5	1,304
Ethnicity: Hispanic	174	4.1%	\$78,899	\$22,851,696	5	1,328
Age Group: 00-14	57	1.3%	\$42,400	\$5,505,431	4	350
Age Group: 15-24	133	3.1%	\$55,036	\$12,873,996	4	736
Age Group: 25-34	407	9.6%	\$67,428	\$59,847,461	4	3,379
Age Group: 35-44	516	12.1%	\$69,900	\$83,274,085	4	4,607
Age Group: 45-54	554	13.0%	\$86,328	\$94,671,485	5	5,880
Age Group: 55-64	795	18.7%	\$95,837	\$138,958,715	6	8,452
Age Group: 65-74	898	21.1%	\$85,569	\$129,256,733	5	8,064
Age Group: 75+	896	21.0%	\$78,818	\$107,164,344	5	7,466
Payer: Medicare	1,844	43.3%	\$84,194	\$249,816,806	5	16,392
Payer: Medicaid	1,441	33.9%	\$79,108	\$250,731,695	5	14,985
Payer: Commercial	599	14.1%	\$75,730	\$79,878,673	4	4,533
Payer: Self Pay	160	3.8%	\$68,839	\$18,861,496	4	1,020
Payer: Other	212	5.0%	\$81,677	\$32,263,579	6	2,004
Region: Anchorage	2,102	49.4%	\$88,699	\$354,018,626	5	21,712
Region: Gulf Coast	398	9.3%	\$64,943	\$46,473,934	5	3,332
Region: Interior	227	5.3%	\$65,634	\$32,365,155	4	2,032
Region: Mat-Su	722	17.0%	\$91,828	\$107,984,792	5	5,313
Region: Northern	126	3.0%	\$48,744	\$11,933,276	4	893
Region: Southeast	321	7.5%	\$50,547	\$36,386,900	5	2,908
Region: Southwest	220	5.2%	\$54,265	\$27,589,606	5	1,925
Region: Out of State	134	3.1%	\$76,171	\$14,415,233	4	790
Alaska 2022	4,257	100.0%	\$80,505	\$631,735,709	5	38,952
Alaska 2021	3,892	-	\$79,708	\$595,362,460	5	36,177
Alaska 2020	3,806	-	\$74,245	\$521,138,475	5	35,515

**Table 11. #3 Inpatient CCSR Category: Complications specified during childbirth (2.9% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Female	1,714	100.0%	\$20,527	\$41,532,981	2	3,496
Race: White	753	43.9%	\$23,319	\$19,808,384	2	1,482
Race: AI/AN	607	35.4%	\$14,756	\$11,044,508	2	1,185
Race: Asian/PI	151	8.8%	\$23,013	\$4,220,198	2	350
Race: Black	40	2.3%	\$24,372	\$1,181,902	2	87
Ethnicity: Hispanic	105	6.1%	\$25,935	\$2,972,570	2	224
Age Group: 00-14	3	0.2%	\$23,615	\$71,540	2	6
Age Group: 15-24	512	29.9%	\$19,330	\$11,388,763	2	1,043
Age Group: 25-34	929	54.2%	\$20,567	\$23,333,087	2	1,896
Age Group: 35-44	266	15.5%	\$22,583	\$6,598,321	2	536
Age Group: 45-54	4	0.2%	\$40,209	\$141,270	4	15
Payer: Medicare	4	0.2%	\$39,454	\$212,697	4	24
Payer: Medicaid	892	52.0%	\$19,000	\$21,350,304	2	1,849
Payer: Commercial	644	37.6%	\$22,008	\$16,019,163	2	1,298
Payer: Self Pay	85	5.0%	\$16,167	\$1,724,150	2	152
Payer: Other	89	5.2%	\$23,353	\$2,226,667	2	173
Region: Anchorage	651	38.0%	\$23,394	\$18,214,879	2	1,406
Region: Gulf Coast	163	9.5%	\$21,820	\$3,982,891	2	311
Region: Interior	148	8.6%	\$15,966	\$2,627,070	2	279
Region: Mat-Su	262	15.3%	\$28,350	\$7,798,608	2	464
Region: Northern	128	7.5%	\$17,071	\$2,567,808	2	231
Region: Southeast	133	7.8%	\$14,949	\$3,127,822	2	353
Region: Southwest	225	13.1%	\$8,042	\$3,115,383	2	444
Region: Out of State	4	0.2%	\$26,253	\$98,521	2	8
Alaska 2022	1,714	100.0%	\$20,527	\$41,532,981	2	3,496
Alaska 2021	1,774	-	\$18,927	\$41,174,098	2	3,638
Alaska 2020	1,858	-	\$17,949	\$40,539,981	2	3,829

**Table 12. #4 Inpatient CCSR Category: Heart failure (2.4% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	814	57.7%	\$61,495	\$74,174,753	4	4,868
Sex: Female	596	42.3%	\$56,238	\$48,550,876	4	3,600
Race: White	755	53.5%	\$63,029	\$68,913,510	4	4,519
Race: AI/AN	379	26.9%	\$48,627	\$25,544,589	4	2,109
Race: Asian/PI	127	9.0%	\$71,672	\$13,402,009	5	915
Race: Black	79	5.6%	\$78,895	\$8,375,962	5	491
Ethnicity: Hispanic	31	2.2%	\$73,005	\$3,442,907	5	253
Age Group: 15-24	6	0.4%	\$101,882	\$668,570	8	44
Age Group: 25-34	42	3.0%	\$61,207	\$3,726,234	4	246
Age Group: 35-44	101	7.2%	\$58,664	\$8,401,480	4	645
Age Group: 45-54	161	11.4%	\$58,850	\$13,869,417	4	853
Age Group: 55-64	264	18.7%	\$60,998	\$24,945,015	4	1,443
Age Group: 65-74	342	24.3%	\$61,797	\$32,601,327	4	2,157
Age Group: 75+	494	35.0%	\$56,790	\$38,513,587	4	3,080
Payer: Medicare	804	57.0%	\$60,998	\$68,408,977	4	5,051
Payer: Medicaid	344	24.4%	\$59,354	\$30,948,811	4	1,994
Payer: Commercial	137	9.7%	\$56,239	\$12,307,399	4	766
Payer: Self Pay	41	2.9%	\$71,672	\$3,493,697	4	203
Payer: Other	84	6.0%	\$58,083	\$7,566,746	4	454
Region: Anchorage	597	42.3%	\$70,577	\$60,562,524	5	3,978
Region: Gulf Coast	228	16.2%	\$43,555	\$13,930,993	4	1,242
Region: Interior	128	9.1%	\$53,554	\$9,486,679	3	616
Region: Mat-Su	188	13.3%	\$78,141	\$20,887,247	3	1,062
Region: Northern	66	4.7%	\$45,222	\$4,151,997	4	338
Region: Southeast	119	8.4%	\$33,919	\$6,105,580	4	739
Region: Southwest	55	3.9%	\$36,378	\$3,520,541	4	341
Region: Out of State	27	1.9%	\$63,699	\$3,849,532	3	138
Alaska 2022	1,410	100.0%	\$59,850	\$122,725,629	4	8,468
Alaska 2021	1,317	-	\$58,142	\$112,107,394	4	8,325
Alaska 2020	1,280	-	\$58,012	\$109,169,621	4	8,018

**Table 13. #5 Inpatient CCSR Category: Alcohol-related disorders (2.4% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	809	57.9%	\$38,093	\$48,526,782	4	5,238
Sex: Female	588	42.1%	\$33,257	\$24,738,705	3	2,736
Race: White	557	39.9%	\$40,602	\$33,543,653	4	4,249
Race: AI/AN	696	49.8%	\$31,927	\$33,391,508	3	2,822
Race: Asian/PI	9	0.6%	\$61,251	\$630,489	5	45
Race: Black	22	1.6%	\$46,789	\$1,141,392	7	204
Ethnicity: Hispanic	34	2.4%	\$38,616	\$1,704,877	3	164
Age Group: 00-14	3	0.2%	\$74,983	\$268,032	9	28
Age Group: 15-24	58	4.2%	\$26,822	\$2,115,370	2	357
Age Group: 25-34	300	21.5%	\$29,789	\$12,218,285	3	1,505
Age Group: 35-44	424	30.4%	\$37,637	\$20,270,720	3	2,407
Age Group: 45-54	293	21.0%	\$36,038	\$16,409,331	3	1,498
Age Group: 55-64	230	16.5%	\$39,723	\$15,533,314	4	1,456
Age Group: 65-74	79	5.7%	\$40,552	\$5,255,980	3	594
Age Group: 75+	10	0.7%	\$78,394	\$1,194,456	9	129
Payer: Medicare	132	9.4%	\$42,376	\$10,056,355	4	1,031
Payer: Medicaid	899	64.4%	\$32,564	\$44,395,621	3	4,319
Payer: Commercial	182	13.0%	\$40,220	\$9,759,977	4	1,175
Payer: Self Pay	96	6.9%	\$30,333	\$3,546,912	2	324
Payer: Other	87	6.2%	\$65,100	\$5,491,122	7	1,120
Region: Anchorage	565	40.4%	\$44,397	\$36,951,118	4	3,756
Region: Gulf Coast	143	10.2%	\$28,525	\$6,776,270	3	694
Region: Interior	113	8.1%	\$38,019	\$5,546,734	2	656
Region: Mat-Su	116	8.3%	\$46,655	\$7,104,474	5	1,025
Region: Northern	165	11.8%	\$24,597	\$5,862,180	2	528
Region: Southeast	174	12.5%	\$21,917	\$5,270,458	3	735
Region: Southwest	81	5.8%	\$24,223	\$3,520,265	2	361
Region: Out of State	35	2.5%	\$36,663	\$1,820,909	3	161
Alaska 2022	1,397	100.0%	\$36,318	\$73,265,487	3	7,974
Alaska 2021	1,286	-	\$33,808	\$63,297,433	3	6,931
Alaska 2020	1,156	-	\$34,111	\$51,501,613	3	6,545



**Table 14. #6 Inpatient CCSR Category: Depressive disorders (2.3% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	540	40.1%	\$45,927	\$31,043,434	6	4,546
Sex: Female	807	59.9%	\$43,286	\$49,068,732	6	7,138
Race: White	621	46.1%	\$58,415	\$43,317,556	6	5,695
Race: AI/AN	539	40.0%	\$29,816	\$25,216,919	5	3,972
Race: Asian/PI	35	2.6%	\$56,940	\$2,107,164	6	268
Race: Black	44	3.3%	\$59,437	\$3,175,345	8	536
Ethnicity: Hispanic	66	4.9%	\$59,517	\$4,954,503	5	628
Age Group: 00-14	177	13.1%	\$38,640	\$11,704,827	12	2,528
Age Group: 15-24	517	38.4%	\$40,810	\$30,980,225	6	4,862
Age Group: 25-34	259	19.2%	\$38,511	\$13,450,597	4	1,561
Age Group: 35-44	167	12.4%	\$47,847	\$9,243,030	5	1,025
Age Group: 45-54	97	7.2%	\$52,105	\$5,912,293	6	702
Age Group: 55-64	83	6.2%	\$40,097	\$4,761,497	5	529
Age Group: 65-74	35	2.6%	\$60,606	\$2,868,175	8	376
Age Group: 75+	12	0.9%	\$52,711	\$1,191,522	7	101
Payer: Medicare	78	5.8%	\$50,000	\$5,344,259	6	645
Payer: Medicaid	748	55.5%	\$38,576	\$42,533,981	6	6,109
Payer: Commercial	338	25.1%	\$52,489	\$22,189,000	6	3,208
Payer: Self Pay	38	2.8%	\$27,947	\$1,570,909	4	218
Payer: Other	144	10.7%	\$46,813	\$8,466,106	6	1,503
Region: Anchorage	390	29.0%	\$68,161	\$31,860,492	8	4,306
Region: Gulf Coast	103	7.6%	\$30,937	\$5,102,517	6	945
Region: Interior	314	23.3%	\$31,445	\$13,831,760	4	2,182
Region: Mat-Su	154	11.4%	\$75,190	\$12,893,264	6	1,471
Region: Northern	106	7.9%	\$43,035	\$6,082,018	5	764
Region: Southeast	87	6.5%	\$21,349	\$3,497,206	4	601
Region: Southwest	168	12.5%	\$21,535	\$5,447,422	5	1,264
Region: Out of State	25	1.9%	\$31,038	\$1,397,487	3	151
Alaska 2022	1,347	100.0%	\$43,746	\$80,112,165	6	11,684
Alaska 2021	1,325	-	\$46,004	\$79,808,530	6	13,587
Alaska 2020	1,280	-	\$39,779	\$71,237,398	7	13,116

**Table 15. #7 Inpatient CCSR Category: Hypertension and hypertensive-related conditions complicating pregnancy, childbirth, and the puerperium (2.0% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Female	1,188	99.9%	\$28,787	\$47,023,785	3	4,134
Race: White	537	45.2%	\$29,092	\$20,637,220	3	1,781
Race: AI/AN	399	33.6%	\$25,554	\$13,763,327	3	1,301
Race: Asian/PI	103	8.7%	\$33,431	\$4,969,064	3	414
Race: Black	43	3.6%	\$34,857	\$1,837,246	3	152
Ethnicity: Hispanic	38	3.2%	\$33,554	\$1,899,640	3	145
Age Group: 00-14	1	0.1%	\$82,476	\$82,476	10	10
Age Group: 15-24	289	24.3%	\$26,969	\$11,142,771	3	1,000
Age Group: 25-34	664	55.8%	\$28,877	\$26,172,671	3	2,308
Age Group: 35-44	234	19.7%	\$30,772	\$9,638,645	3	817
Age Group: 45-54	1	0.1%	\$19,646	\$19,646	2	2
Payer: Medicare	6	0.5%	\$32,949	\$213,576	3	18
Payer: Medicaid	483	40.6%	\$27,669	\$19,992,007	3	1,763
Payer: Commercial	539	45.3%	\$30,121	\$21,127,048	3	1,828
Payer: Self Pay	72	6.1%	\$28,903	\$2,574,132	3	234
Payer: Other	89	7.5%	\$28,056	\$3,149,447	3	294
Region: Anchorage	439	36.9%	\$32,886	\$19,585,009	3	1,583
Region: Gulf Coast	90	7.6%	\$30,628	\$4,303,394	3	380
Region: Interior	227	19.1%	\$22,478	\$6,503,956	3	710
Region: Mat-Su	130	10.9%	\$40,603	\$6,269,058	2	436
Region: Northern	80	6.7%	\$24,885	\$2,527,779	3	236
Region: Southeast	67	5.6%	\$21,465	\$1,777,415	3	194
Region: Southwest	152	12.8%	\$25,051	\$5,941,220	3	587
Region: Out of State	4	0.3%	\$30,660	\$148,378	3	11
Alaska 2022	1,189	100.0%	\$28,803	\$47,056,209	3	4,137
Alaska 2021	1,115	-	\$29,221	\$43,681,504	3	3,920
Alaska 2020	1,034	-	\$26,282	\$35,437,864	3	3,237

**Table 16. #8 Inpatient CCSR Category: Spondylopathies/spondyloarthropathy including infective (1.9% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	577	50.9%	\$218,216	\$166,121,444	3	2,828
Sex: Female	557	49.1%	\$213,229	\$152,840,733	3	2,741
Race: White	869	76.6%	\$224,541	\$252,502,379	3	4,006
Race: AI/AN	114	10.1%	\$112,928	\$18,511,965	2	562
Race: Asian/PI	33	2.9%	\$219,810	\$8,556,146	3	137
Race: Black	50	4.4%	\$220,507	\$12,452,801	4	293
Ethnicity: Hispanic	43	3.8%	\$315,560	\$15,150,640	3	291
Age Group: 00-14	1	0.1%	\$22,364	\$22,364	1	1
Age Group: 15-24	7	0.6%	\$349,864	\$2,975,496	1	62
Age Group: 25-34	40	3.5%	\$131,753	\$6,952,673	1	93
Age Group: 35-44	113	10.0%	\$202,789	\$28,069,008	2	508
Age Group: 45-54	162	14.3%	\$207,377	\$41,667,541	3	663
Age Group: 55-64	326	28.7%	\$221,023	\$93,889,864	3	1,563
Age Group: 65-74	340	30.0%	\$221,462	\$103,784,636	3	1,816
Age Group: 75+	145	12.8%	\$227,598	\$41,600,596	3	863
Payer: Medicare	463	40.8%	\$222,715	\$134,127,976	3	2,395
Payer: Medicaid	169	14.9%	\$177,024	\$46,667,108	3	1,308
Payer: Commercial	291	25.7%	\$208,232	\$75,645,238	3	928
Payer: Self Pay	15	1.3%	\$86,123	\$1,413,827	1	34
Payer: Other	196	17.3%	\$241,034	\$61,108,028	3	904
Region: Anchorage	532	46.9%	\$238,902	\$162,904,198	3	2,844
Region: Gulf Coast	182	16.0%	\$159,909	\$41,388,929	3	930
Region: Interior	88	7.8%	\$203,858	\$23,868,648	3	315
Region: Mat-Su	212	18.7%	\$228,044	\$58,696,646	2	718
Region: Northern	24	2.1%	\$112,584	\$4,358,394	3	135
Region: Southeast	55	4.9%	\$173,056	\$17,157,110	4	437
Region: Southwest	30	2.6%	\$166,336	\$6,690,217	3	113
Region: Out of State	11	1.0%	\$310,512	\$3,898,035	3	77
Alaska 2022	1,134	100.0%	\$215,019	\$318,962,178	3	5,569
Alaska 2021	1,001	-	\$183,935	\$242,156,042	3	3,840
Alaska 2020	1,089	-	\$160,965	\$214,803,919	2	3,812

**Table 17. #9 Inpatient CCSR Category: Coronavirus disease – 2019, COVID-19 (1.9% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	563	50.6%	\$52,177	\$55,586,758	4	3,898
Sex: Female	547	49.2%	\$49,849	\$48,183,002	4	3,647
Race: White	653	58.7%	\$51,917	\$64,065,393	4	4,384
Race: AI/AN	287	25.8%	\$43,934	\$26,200,738	4	2,096
Race: Asian/PI	66	5.9%	\$58,181	\$5,870,255	3	437
Race: Black	36	3.2%	\$56,942	\$2,588,200	3	183
Ethnicity: Hispanic	30	2.7%	\$69,471	\$3,276,731	5	211
Age Group: 00-14	89	8.0%	\$25,344	\$3,340,904	2	267
Age Group: 15-24	9	0.8%	\$42,928	\$642,043	3	38
Age Group: 25-34	27	2.4%	\$43,934	\$1,302,566	3	101
Age Group: 35-44	51	4.6%	\$48,636	\$4,303,588	4	283
Age Group: 45-54	86	7.7%	\$50,639	\$9,702,150	3	602
Age Group: 55-64	166	14.9%	\$52,795	\$23,959,966	5	1,334
Age Group: 65-74	262	23.6%	\$59,854	\$28,583,847	4	2,087
Age Group: 75+	420	37.8%	\$52,105	\$31,934,696	4	2,833
Payer: Medicare	650	58.5%	\$54,539	\$60,899,944	4	4,745
Payer: Medicaid	219	19.7%	\$43,934	\$16,971,823	3	1,139
Payer: Commercial	123	11.1%	\$44,509	\$15,147,149	3	946
Payer: Self Pay	29	2.6%	\$44,114	\$1,834,736	4	179
Payer: Other	90	8.1%	\$50,273	\$8,922,380	3	537
Region: Anchorage	373	33.5%	\$69,735	\$45,983,122	4	3,068
Region: Gulf Coast	160	14.4%	\$41,048	\$14,171,423	4	1,108
Region: Interior	106	9.5%	\$44,111	\$7,500,645	3	633
Region: Mat-Su	151	13.6%	\$66,443	\$20,122,342	4	1,138
Region: Northern	58	5.2%	\$39,800	\$3,413,566	4	344
Region: Southeast	131	11.8%	\$34,294	\$5,673,047	4	674
Region: Southwest	47	4.2%	\$33,498	\$2,234,966	3	268
Region: Out of State	82	7.4%	\$41,308	\$4,541,317	3	302
Alaska 2022	1,112	100.0%	\$50,670	\$103,784,569	4	7,546
Alaska 2021	2,630	-	\$64,005	\$335,970,517	6	22,906
Alaska 2020	844	-	\$59,851	\$94,538,715	5	6,712

**Table 18. #10 Inpatient CCSR Category: Schizophrenia spectrum and other psychotic disorders (1.8% of All Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	655	63.8%	\$40,853	\$47,330,013	5	4,896
Sex: Female	370	36.1%	\$46,037	\$26,478,894	5	3,087
Race: White	398	38.8%	\$49,712	\$31,647,926	5	3,488
Race: AI/AN	452	44.1%	\$39,705	\$29,091,662	5	3,174
Race: Asian/PI	28	2.7%	\$46,475	\$3,526,011	4	227
Race: Black	77	7.5%	\$35,781	\$5,622,715	5	607
Ethnicity: Hispanic	38	3.7%	\$40,873	\$2,165,437	5	219
Age Group: 00-14	5	0.5%	\$74,400	\$399,728	24	88
Age Group: 15-24	195	19.0%	\$47,593	\$13,385,697	5	1,311
Age Group: 25-34	332	32.4%	\$35,956	\$20,451,210	5	2,251
Age Group: 35-44	239	23.3%	\$40,924	\$16,862,245	5	2,137
Age Group: 45-54	114	11.1%	\$43,628	\$8,861,281	5	853
Age Group: 55-64	102	9.9%	\$48,560	\$8,927,084	5	783
Age Group: 65-74	31	3.0%	\$84,079	\$3,698,667	6	349
Age Group: 75+	8	0.8%	\$110,848	\$1,271,556	14	230
Payer: Medicare	274	26.7%	\$49,862	\$23,980,084	6	2,959
Payer: Medicaid	538	52.4%	\$39,618	\$33,123,987	5	3,488
Payer: Commercial	73	7.1%	\$39,091	\$3,893,279	4	370
Payer: Self Pay	59	5.8%	\$28,184	\$2,795,353	5	611
Payer: Other	81	7.9%	\$66,738	\$9,947,198	4	568
Region: Anchorage	365	35.6%	\$48,560	\$30,219,618	5	2,990
Region: Gulf Coast	71	6.9%	\$48,560	\$4,649,520	6	677
Region: Interior	211	20.6%	\$41,135	\$13,758,143	4	1,415
Region: Mat-Su	75	7.3%	\$78,640	\$7,354,800	5	546
Region: Northern	90	8.8%	\$42,483	\$6,821,376	5	648
Region: Southeast	75	7.3%	\$26,715	\$3,762,420	5	669
Region: Southwest	102	9.9%	\$28,033	\$4,214,514	5	707
Region: Out of State	35	3.4%	\$51,713	\$3,021,216	5	345
Alaska 2022	1,026	100.0%	\$42,419	\$73,857,467	5	8,002
Alaska 2021	1,056	-	\$34,520	\$55,515,886	5	7,557
Alaska 2020	875	-	\$30,943	\$47,067,486	6	8,326

2022 Leading Causes of Hospitalization by Age Group

Table 19. Top Ten Inpatient CCSR Categories by Age Group

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 6,889 (76.9%)	Depressive disorders 177 (15.2%)	Depressive disorders 517 (11.7%)	Complications specified during childbirth 929 (11.3%)	Septicemia 516 (8.6%)	Septicemia 554 (11.4%)	Septicemia 795 (10.2%)	Septicemia 1,794 (10.5%)	Liveborn Infant 6,889 (11.8%)
2	Acute bronchitis 309 (3.5%)	Appendicitis and other appendiceal conditions 65 (5.6%)	Complications specified during childbirth 512 (11.6%)	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 664 (8.0%)	Alcohol-related disorders 424 (7.1%)	Alcohol-related disorders 293 (6.0%)	Spondylopathies/spondyloarthritis (including infective) 326 (4.2%)	Heart failure 836 (4.9%)	Septicemia 4,257 (7.3%)
3	Pneumonia (except that caused by tuberculosis) 151 (1.7%)	Trauma- and stressor-related disorders 65 (5.6%)	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 289 (6.5%)	Malposition, disproportion or other labor complications 412 (5.0%)	Complications specified during childbirth 266 (4.4%)	Spondylopathies/spondyloarthritis (including infective) 162 (3.3%)	Heart failure 264 (3.4%)	Coronavirus disease – 2019 (COVID-19) 682 (4.0%)	Complications specified during childbirth 1,714 (2.9%)
4	Respiratory failure; insufficiency; arrest 139 (1.6%)	Pneumonia (except that caused by tuberculosis) 50 (4.3%)	Schizophrenia spectrum and other psychotic disorders 195 (4.4%)	Septicemia 407 (4.9%)	Schizophrenia spectrum and other psychotic disorders 239 (4.0%)	Heart failure 161 (3.3%)	Acute myocardial infarction 262 (3.4%)	Cerebral infarction 601 (3.5%)	Heart failure 1,410 (2.4%)

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
5	Hemolytic jaundice and perinatal jaundice 92 (1.0%)	Asthma 49 (4.2%)	Uncomplicated pregnancy, delivery or puerperium 174 (3.9%)	Previous C-section 395 (4.8%)	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 234 (3.9%)	Diabetes mellitus with complication 117 (2.4%)	Osteoarthritis 235 (3.0%)	Acute myocardial infarction 523 (3.1%)	Alcohol-related disorders 1,397 (2.4%)
6	Other specified and unspecified perinatal conditions 88 (1.0%)	Diabetes mellitus with complication 43 (3.7%)	Suicidal ideation/attempt/intentional self-harm 165 (3.7%)	Prolonged pregnancy 382 (4.6%)	Previous C-section 199 (3.3%)	Schizophrenia spectrum and other psychotic disorders 114 (2.4%)	Alcohol-related disorders 230 (3.0%)	Spondylopathies/spondyloarthropathy (including infective) 485 (2.8%)	Depressive disorders 1,347 (2.3%)
7	Coronavirus disease – 2019 (COVID-19) 76 (0.8%)	Neurodevelopmental disorders 38 (3.3%)	Bipolar and related disorders 156 (3.5%)	Uncomplicated pregnancy, delivery or puerperium 352 (4.3%)	Skin and subcutaneous tissue infections 176 (2.9%)	Acute myocardial infarction 110 (2.3%)	Cerebral infarction 197 (2.5%)	Cardiac dysrhythmias 471 (2.8%)	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 1,189 (2.0%)
8	Respiratory distress syndrome 58 (0.6%)	Suicidal ideation/attempt/intentional self-harm 33 (2.8%)	Prolonged pregnancy 154 (3.5%)	Schizophrenia spectrum and other psychotic disorders 332 (4.0%)	Depressive disorders 167 (2.8%)	Skin and subcutaneous tissue infections 105 (2.2%)	Respiratory failure; insufficiency; arrest 168 (2.2%)	Osteoarthritis 469 (2.7%)	Spondylopathies/spondyloarthropathy (including infective) 1,134 (1.9%)

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	Short gestation; low birth weight; and fetal growth retardation 56 (0.6%)	Epilepsy; convulsions 31 (2.7%)	Malposition, disproportion or other labor complications 136 (3.1%)	Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium 314 (3.8%)	Malposition, disproportion or other labor complications 144 (2.4%)	Depressive disorders 97 (2.0%)	Coronavirus disease – 2019 (COVID-19) 166 (2.1%)	Pneumonia (except that caused by tuberculosis) 410 (2.4%)	Coronavirus disease – 2019 (COVID-19) 1,112 (1.9%)
10	Perinatal infections 53 (0.6%)	Disruptive, impulse-control and conduct disorders 24 (2.1%)	Septicemia 133 (3.0%)	Alcohol-related disorders 300 (3.6%)	Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium 133 (2.2%)	Respiratory failure; insufficiency; arrest 88 (1.8%)	Diabetes mellitus with complication 164 (2.1%)	Respiratory failure; insufficiency; arrest 371 (2.2%)	Schizophrenia spectrum and other psychotic disorders 1,026 (1.8%)

**2022 Inpatient Procedures**

**Table 20. Alaska Public Health Regions Top Ten Inpatient CCSR Procedure Groups**

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Pregnancy-related procedures 2,810 (19.0%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 771 (19.9%)	Pregnancy-related procedures 1,032 (30.4%)	Pregnancy-related procedures 1,065 (18.9%)	Pregnancy-related procedures 395 (25.2%)	Pregnancy-related procedures 489 (19.6%)	Pregnancy-related procedures 397 (20.8%)	Pregnancy-related procedures 6,963 (20.2%)
2	Musculoskeletal, subcutaneous tissue, and fascia procedures 2,263 (15.3%)	Pregnancy-related procedures 756 (19.6%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 489 (14.4%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 891 (15.8%)	Administration of therapeutic substances 305 (19.5%)	Administration of therapeutic substances 410 (16.4%)	Administration of therapeutic substances 353 (18.5%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 5,451 (15.8%)
3	Gastrointestinal system procedures 1,583 (10.7%)	Gastrointestinal system procedures 372 (9.6%)	Gastrointestinal system procedures 356 (10.5%)	Administration of therapeutic substances 752 (13.3%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 206 (13.2%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 395 (15.8%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 283 (14.8%)	Administration of therapeutic substances 3,917 (11.4%)



Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
4	Cardiovascular procedures 1,538 (10.4%)	Cardiovascular procedures 365 (9.4%)	Administration of therapeutic substances 337 (9.9%)	Cardiovascular procedures 606 (10.7%)	Gastrointestinal system procedures 147 (9.4%)	Gastrointestinal system procedures 252 (10.1%)	Gastrointestinal system procedures 202 (10.6%)	Gastrointestinal system procedures 3,515 (10.2%)
5	Administration of therapeutic substances 1,359 (9.2%)	Administration of therapeutic substances 305 (7.9%)	Cardiovascular procedures 315 (9.3%)	Gastrointestinal system procedures 514 (9.1%)	Extracorporeal or systemic assistance and performance 108 (6.9%)	Cardiovascular procedures 205 (8.2%)	Extracorporeal or systemic assistance and performance 140 (7.3%)	Cardiovascular procedures 3,305 (9.6%)
6	Extracorporeal or systemic assistance and performance 1,279 (8.6%)	Extracorporeal or systemic assistance and performance 294 (7.6%)	Extracorporeal or systemic assistance and performance 205 (6.0%)	Extracorporeal or systemic assistance and performance 467 (8.3%)	Cardiovascular procedures 65 (4.2%)	Extracorporeal or systemic assistance and performance 158 (6.3%)	Cardiovascular procedures 113 (5.9%)	Extracorporeal or systemic assistance and performance 2,727 (7.9%)
7	Respiratory system procedures 564 (3.8%)	Male reproductive system procedures 122 (3.2%)	Respiratory system procedures 139 (4.1%)	Respiratory system procedures 198 (3.5%)	Respiratory system procedures 55 (3.5%)	Respiratory system procedures 91 (3.6%)	Respiratory system procedures 59 (3.1%)	Respiratory system procedures 1,253 (3.6%)
8	Male reproductive system procedures 394 (2.7%)	Respiratory system procedures 113 (2.9%)	Male reproductive system procedures 79 (2.3%)	Male reproductive system procedures 144 (2.5%)	Male reproductive system procedures 45 (2.9%)	Hepatobiliary and pancreas procedures 59 (2.4%)	Ear, nose, and throat procedures 41 (2.1%)	Male reproductive system procedures 868 (2.5%)
9	Hepatobiliary and pancreas procedures 336 (2.3%)	Substance use disorder treatment 113 (2.9%)	Measurement and monitoring 61 (1.8%)	Imaging 128 (2.3%)	Ear, nose, and throat procedures 30 (1.9%)	Substance use disorder treatment 57 (2.3%)	Hepatobiliary and pancreas procedures 38 (2.0%)	Central nervous system procedures 691 (2.0%)
10	Central nervous system procedures 329 (2.2%)	Urinary system procedures 102 (2.6%)	Central nervous system procedures 60 (1.8%)	Urinary system procedures 121 (2.1%)	Hepatobiliary and pancreas procedures 27 (1.7%)	Urinary system procedures 56 (2.2%)	Skin and breast procedures 34 (1.8%)	Hepatobiliary and pancreas procedures 683 (2.0%)

**Table 21. Top Three Inpatient CCSR Procedure Categories within Each Top Ten CCSR Procedure Groups**

Rank	PCS CCSR Groups	PCS CCSR Examples
1	Pregnancy-related procedures 6,963 (20.2%)	Spontaneous vaginal delivery (4,754) Cesarean section (1,744) Assisted vaginal delivery (266)
2	Musculoskeletal, subcutaneous tissue, and fascia procedures 5,451 (15.8%)	Spine fusion (965) Knee arthroplasty (691) Hip arthroplasty (557)
3	Administration of therapeutic substances 3,917 (11.4%)	Vaccinations (1,845) Potential COVID-19 therapies (595) Transfusion of blood and blood products (587)
4	Gastrointestinal system procedures 3,515 (10.2%)	Colectomy (426) GI system endoscopy without biopsy (diagnostic) (396) Esophagogastroduodenoscopy (EGD) with biopsy (364)
5	Cardiovascular procedures 3,305 (9.6%)	Venous and arterial catheter placement (931) Percutaneous coronary interventions (PCI) (554) Heart valve replacement and other valve procedures (endovascular) (238)
6	Extracorporeal or systemic assistance and performance 2,727 (7.9%)	Non-invasive ventilation (1,528) Mechanical ventilation (726) Hemodialysis (268)
7	Respiratory system procedures 1,253 (3.6%)	Airway intubation (399) Chest tube placement and therapeutic thoracentesis (343) Bronchoscopy (diagnostic) (85)
8	Male reproductive system procedures 868 (2.5%)	Circumcision (749) Prostatectomy (54) Male reproductive system procedures, NEC (30)
9	Central nervous system procedures 691 (2.0%)	Lumbar puncture (300) CNS excision procedures (87) Spinal cord decompression (70)
10	Hepatobiliary and pancreas procedures 683 (2.0%)	Cholecystectomy (390) Biliary and pancreatic calculus removal (76) Hepatobiliary and pancreatic drainage (63)

Table 22. Top Ten Inpatient CCSR Procedure Groups by Age

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 1,889 (43.5%)	Gastrointestinal system procedures 96 (23.2%)	Pregnancy-related procedures 1,625 (65.6%)	Pregnancy-related procedures 3,978 (68.0%)	Pregnancy-related procedures 1,349 (35.7%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 671 (23.4%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 1,252 (25.8%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 2,214 (22.5%)	Pregnancy-related procedures 6,963 (20.2%)
2	Male reproductive system procedures 751 (17.3%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 94 (22.7%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 201 (8.1%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 388 (6.6%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 580 (15.4%)	Gastrointestinal system procedures 504 (17.5%)	Gastrointestinal system procedures 698 (14.4%)	Cardiovascular procedures 1,738 (17.7%)	Musculoskeletal, subcutaneous tissue, and fascia procedures 5,451 (15.8%)
3	Extracorporeal or systemic assistance and performance 705 (16.2%)	Extracorporeal or systemic assistance and performance 52 (12.6%)	Gastrointestinal system procedures 123 (5.0%)	Gastrointestinal system procedures 303 (5.2%)	Gastrointestinal system procedures 438 (11.6%)	Cardiovascular procedures 296 (10.3%)	Cardiovascular procedures 692 (14.2%)	Gastrointestinal system procedures 1,161 (11.8%)	Administration of therapeutic substances 3,917 (11.4%)
4	Extracorporeal or systemic therapies 210 (4.8%)	Administration of therapeutic substances 34 (8.2%)	Administration of therapeutic substances 97 (3.9%)	Administration of therapeutic substances 196 (3.3%)	Cardiovascular procedures 248 (6.6%)	Extracorporeal or systemic assistance and performance 243 (8.5%)	Extracorporeal or systemic assistance and performance 432 (8.9%)	Administration of therapeutic substances 974 (9.9%)	Gastrointestinal system procedures 3,515 (10.2%)
5	Gastrointestinal system procedures 192 (4.4%)	Ear, nose, and throat procedures 27 (6.5%)	Extracorporeal or systemic assistance and performance 73 (2.9%)	Substance use disorder treatment 144 (2.5%)	Extracorporeal or systemic assistance and performance 186 (4.9%)	Administration of therapeutic substances 203 (7.1%)	Administration of therapeutic substances 373 (7.7%)	Extracorporeal or systemic assistance and performance 898 (9.1%)	Cardiovascular procedures 3,305 (9.6%)
6	Ear, nose, and throat procedures 149 (3.4%)	Central nervous system procedures 23 (5.6%)	Respiratory system procedures 59 (2.4%)	Cardiovascular procedures 142 (2.4%)	Substance use disorder treatment 170 (4.5%)	Respiratory system procedures 150 (5.2%)	Respiratory system procedures 273 (5.6%)	Respiratory system procedures 486 (4.9%)	Extracorporeal or systemic assistance and performance 2,727 (7.9%)
7	Cardiovascular procedures 119 (2.7%)	Respiratory system procedures 17 (4.1%)	Cardiovascular procedures 54 (2.2%)	Extracorporeal or systemic assistance and performance 134 (2.3%)	Administration of therapeutic substances 150 (4.0%)	Substance use disorder treatment 97 (3.4%)	Measurement and monitoring 163 (3.4%)	Urinary system procedures 345 (3.5%)	Respiratory system procedures 1,253 (3.6%)

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
8	Central nervous system procedures 116 (2.7%)	Cardiovascular procedures 15 (3.6%)	Skin and breast procedures 45 (1.8%)	Respiratory system procedures 92 (1.6%)	Respiratory system procedures 126 (3.3%)	Hepatobiliary and pancreas procedures 83 (2.9%)	Hepatobiliary and pancreas procedures 136 (2.8%)	Rehabilitation, evaluation, and treatment 330 (3.4%)	Male reproductive system procedures 868 (2.5%)
9	Musculoskeletal, subcutaneous tissue, and fascia procedures 51 (1.2%)	Measurement and monitoring 10 (2.4%)	Central nervous system procedures 37 (1.5%)	Hepatobiliary and pancreas procedures 85 (1.5%)	Hepatobiliary and pancreas procedures 79 (2.1%)	Measurement and monitoring 83 (2.9%)	Central nervous system procedures 124 (2.6%)	Measurement and monitoring 302 (3.1%)	Central nervous system procedures 691 (2.0%)
10	Respiratory system procedures 49 (1.1%)	Female reproductive system procedures 9 (2.2%)	Substance use disorder treatment 31 (1.3%)	Skin and breast procedures 76 (1.3%)	Female reproductive system procedures 66 (1.7%)	Central nervous system procedures 82 (2.9%)	Urinary system procedures 120 (2.5%)	Imaging 292 (3.0%)	Hepatobiliary and pancreas procedures 683 (2.0%)

## 2022-2023 Revenue Code Groups

**Table 23. Major Inpatient CCSR Diagnoses Group Discharges (Column %) by Revenue Code Group (ER, OR, ICU, and All)**

Major CCSR Group of Principal Diagnosis	ER 2021	ER 2022	OR 2021	OR 2022	ICU 2021	ICU 2022	2021	2022
Pregnancy, Childbirth and the Puerperium	846 (2.9%)	563 (1.9%)	2,371 (13.8%)	2,271 (13.1%)	493 (3.3%)	734 (4.6%)	7,979 (13.8%)	8,097 (13.8%)
Certain Conditions Originating in the Perinatal Period	72 (0.2%)	111 (0.4%)	444 (2.6%)	434 (2.5%)	38 (0.3%)	55 (0.3%)	7,425 (12.9%)	7,367 (12.6%)
Diseases of the Circulatory System	4,619 (16.0%)	4,760 (16.1%)	1,892 (11.0%)	1,969 (11.3%)	3,842 (25.5%)	3,946 (24.7%)	6,349 (11.0%)	6,469 (11.1%)
Certain Infectious and Parasitic Diseases	5,949 (20.6%)	4,924 (16.7%)	1,672 (9.7%)	1,607 (9.2%)	3,502 (23.3%)	2,883 (18.0%)	6,751 (11.7%)	5,627 (9.6%)
Mental, Behavioral and Neurodevelopmental Disorders	2,681 (9.3%)	2,929 (9.9%)	105 (0.6%)	136 (0.8%)	1,260 (8.4%)	1,392 (8.7%)	5,532 (9.6%)	5,570 (9.5%)
Injury, Poisoning and Other Consequences Certain of External Causes	3,169 (11.0%)	3,466 (11.7%)	2,504 (14.6%)	2,716 (15.6%)	1,220 (8.1%)	1,393 (8.7%)	4,266 (7.4%)	4,632 (7.9%)
Diseases of the Digestive System	3,568 (12.3%)	3,707 (12.5%)	1,820 (10.6%)	1,922 (11.0%)	1,153 (7.7%)	1,275 (8.0%)	4,441 (7.7%)	4,577 (7.8%)
Diseases of the Respiratory System	1,762 (6.1%)	2,517 (8.5%)	373 (2.2%)	393 (2.3%)	936 (6.2%)	1,361 (8.5%)	2,418 (4.2%)	3,455 (5.9%)
Diseases of the Musculoskeletal System and Connective Tissue	723 (2.5%)	828 (2.8%)	2,647 (15.4%)	2,513 (14.4%)	197 (1.3%)	219 (1.4%)	3,120 (5.4%)	2,980 (5.1%)
Endocrine, Nutritional and Metabolic Diseases	1,207 (4.2%)	1,222 (4.1%)	637 (3.7%)	714 (4.1%)	707 (4.7%)	756 (4.7%)	1,898 (3.3%)	1,968 (3.4%)
Diseases of the Genitourinary System	1,194 (4.1%)	1,263 (4.3%)	581 (3.4%)	618 (3.6%)	387 (2.6%)	489 (3.1%)	1,637 (2.8%)	1,688 (2.9%)
Diseases of the Nervous System	841 (2.9%)	935 (3.2%)	252 (1.5%)	290 (1.7%)	424 (2.8%)	513 (3.2%)	1,292 (2.2%)	1,473 (2.5%)
Neoplasms	605 (2.1%)	649 (2.2%)	1,105 (6.4%)	1,056 (6.1%)	396 (2.6%)	425 (2.7%)	1,506 (2.6%)	1,448 (2.5%)
Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified	518 (1.8%)	511 (1.7%)	102 (0.6%)	75 (0.4%)	162 (1.1%)	167 (1.0%)	924 (1.6%)	945 (1.6%)
Diseases of the Skin and Subcutaneous Tissue	665 (2.3%)	689 (2.3%)	289 (1.7%)	310 (1.8%)	80 (0.5%)	110 (0.7%)	888 (1.5%)	922 (1.6%)
Factors Influencing Health Status and Contact with Health Services	65 (0.2%)	61 (0.2%)	154 (0.9%)	160 (0.9%)	55 (0.4%)	64 (0.4%)	457 (0.8%)	469 (0.8%)
Diseases of the Blood and Disorders Involving the Immune Mechanism	291 (1.0%)	315 (1.1%)	44 (0.3%)	49 (0.3%)	124 (0.8%)	150 (0.9%)	401 (0.7%)	406 (0.7%)
Invalid Diagnosis	75 (0.3%)	17 (0.1%)	23 (0.1%)	9 (0.1%)	27 (0.2%)	21 (0.1%)	234 (0.4%)	163 (0.3%)
Congenital Malformations, Deformations and Chromosomal Abnormalities	23 (0.1%)	35 (0.1%)	123 (0.7%)	131 (0.8%)	43 (0.3%)	37 (0.2%)	139 (0.2%)	155 (0.3%)

Major CCSR Group of Principal Diagnosis	ER 2021	ER 2022	OR 2021	OR 2022	ICU 2021	ICU 2022	2021	2022
Diseases of the Eye and Adnexa or the Ear and Mastoid Process	43 (0.1%)	66 (0.2%)	19 (0.1%)	26 (0.1%)	16 (0.1%)	17 (0.1%)	66 (0.1%)	95 (0.2%)
<b>Inpatient Total</b>	<b>28,916</b> <b>(100.0%)</b>	<b>29,568</b> <b>(100.0%)</b>	<b>17,157</b> <b>(100.0%)</b>	<b>17,399</b> <b>(100.0%)</b>	<b>15,062</b> <b>(100.0%)</b>	<b>16,007</b> <b>(100.0%)</b>	<b>57,723</b> <b>(100.0%)</b>	<b>58,506</b> <b>(100.0%)</b>

**Table 24. ICU and Non-ICU Discharges by COVID-19 Diagnosis, 2020-2022**

ICU Use	2020 COVID	2020 Not COVID	2021 COVID	2021 Not COVID	2022 COVID	2022 Not COVID
ICU	902	13,525	2,167	12,895	1,351	14,656
Non-ICU	727	40,359	2,017	40,644	1,749	40,750
<b>Total</b>	<b>1,629</b>	<b>53,884</b>	<b>4,184</b>	<b>53,539</b>	<b>3,100</b>	<b>55,406</b>

**Table 25. ICU and Non-ICU Average Length of Stay (Days) by COVID-19 Diagnosis, 2020-2022**

ICU Use	2020 COVID	2020 Not COVID	2021 COVID	2021 Not COVID	2022 COVID	2022 Not COVID
ICU	10.3	7.6	12.2	7.4	11.0	7.9
Non-ICU	5.6	4.9	6.1	5.1	7.5	5.0
<b>Total</b>	<b>8.2</b>	<b>5.6</b>	<b>9.2</b>	<b>5.7</b>	<b>9.0</b>	<b>5.8</b>

**Table 26. ICU and Non-ICU Average Billed Charges by COVID-19 Diagnosis, 2020-2022**

ICU Use	2020 COVID	2020 Not COVID	2021 COVID	2021 Not COVID	2022 COVID	2022 Not COVID
ICU	\$173,932	\$138,415	\$222,389	\$142,317	\$182,987	\$153,629
Non-ICU	\$52,142	\$57,413	\$55,829	\$61,809	\$75,069	\$65,703
<b>Total</b>	<b>\$119,579</b>	<b>\$77,744</b>	<b>\$142,095</b>	<b>\$81,200</b>	<b>\$122,100</b>	<b>\$88,961</b>

**Table 27. ICU and Non-ICU Total Billed Charges by COVID-19 Diagnosis, 2020-2022**

ICU Use	2020 COVID	2020 Not COVID	2021 COVID	2021 Not COVID	2022 COVID	2022 Not COVID
ICU	\$156,886,379	\$1,872,063,586	\$481,916,141	\$1,835,174,938	\$247,214,813	\$2,251,580,151
Non-ICU	\$37,907,269	\$2,317,116,302	\$112,607,353	\$2,512,184,225	\$131,295,268	\$2,677,406,933
<b>Total</b>	<b>\$194,793,648</b>	<b>\$4,189,179,889</b>	<b>\$594,523,493</b>	<b>\$4,347,359,163</b>	<b>\$378,510,081</b>	<b>\$4,928,987,084</b>



## **Outpatient Emergency Department Chapter**

### **Emergency Department Introduction**

#### **Diagnoses Aggregation**

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

- Hospitals reporting ED discharges billed primary payers \$1.4 billion for 275,568 visits in 2022.
- The top 10 leading causes of visitation (LCOV), include 93,660 (or 34%) of total ED visits in 2022.
- The top three LCOV for 2022 were:
  - #1: *Other specified upper respiratory infections* - the median charge was \$1,810
  - #2: *Abdominal pain and other digestive/abdomen signs and symptoms* - the median charge was \$6,303
  - #3: *Coronavirus disease – 2019 (COVID-19)* – the median charge was \$3,127
- Regionally, *abdominal pain and other digestive/abdomen signs and symptoms* was the LCOV in three of the seven Alaska Public Health Regions. The *other specified upper respiratory infections* category was also the LCOV in three regions, and *COVID-19* was first ranked in one region.
- In 2022, the LCOV with the highest percentage of female patients was *abdominal pain and other digestive/abdomen signs and symptoms* (65% female), and the LCOV with the highest percentages of male patients was *open wounds to limbs, initial encounter* (61% male).
- Four of the ten LCOVs had median charges over \$3,000 per visit. These were *nonspecific chest pain* (\$6,868), *abdominal pain and other digestive/abdomen signs and symptoms* (\$6,303), *alcohol-related disorders* (\$4,493), and *COVID-19* (\$3,127).
- Medicaid was the most common primary payer for outpatient ED visits, covering 41% of all discharges.
- By age, the LCOV during 2022 for children under age 15 was *other specified upper respiratory infections*. The leading ED visits for patients ages 15 to 34 was *abdominal pain and other digestive/abdomen signs and symptoms*. For patients ages 35 through 54, the LCOV was *alcohol-related disorders*; for patients ages 55 to 64, the LCOV was *nonspecific chest pain*; and for visits of patients over age 65, *COVID-19* was the leading diagnosis category.



2022 ED Visits Alaska Public Health Regions Leading Causes of Emergency Department Visits

Table 28. ED Visits Alaska Public Health Regions Top Ten CCSR Categories

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Other specified upper respiratory infections 5,333 (4.8%)	Coronavirus disease – 2019 (COVID-19) 1,083 (4.4%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,659 (5.6%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,558 (5.2%)	Other specified upper respiratory infections 1,546 (7.3%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,058 (4.7%)	Other specified upper respiratory infections 1,847 (7.0%)	Other specified upper respiratory infections 12,159 (4.4%)
2	Abdominal pain and other digestive/abdomen signs and symptoms 4,597 (4.1%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,062 (4.3%)	Alcohol-related disorders 1,388 (4.7%)	Nonspecific chest pain 1,499 (5.0%)	Alcohol-related disorders 1,356 (6.4%)	Coronavirus disease – 2019 (COVID-19) 940 (4.1%)	Skin and subcutaneous tissue infections 1,274 (4.8%)	Abdominal pain and other digestive/abdomen signs and symptoms 12,036 (4.4%)
3	Coronavirus disease – 2019 (COVID-19) 4,526 (4.1%)	Superficial injury; contusion, initial encounter 871 (3.5%)	Nonspecific chest pain 1,167 (3.9%)	Musculoskeletal pain, not low back pain 1,097 (3.7%)	Superficial injury; contusion, initial encounter 698 (3.3%)	Nonspecific chest pain 862 (3.8%)	Alcohol-related disorders 1,180 (4.5%)	Coronavirus disease – 2019 (COVID-19) 10,671 (3.9%)
4	Nonspecific chest pain 4,026 (3.6%)	Nonspecific chest pain 839 (3.4%)	Coronavirus disease – 2019 (COVID-19) 1,021 (3.4%)	Coronavirus disease – 2019 (COVID-19) 1,081 (3.6%)	Skin and subcutaneous tissue infections 659 (3.1%)	Alcohol-related disorders 845 (3.7%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,146 (4.3%)	Nonspecific chest pain 9,536 (3.5%)
5	Superficial injury; contusion, initial encounter 3,690 (3.3%)	Musculoskeletal pain, not low back pain 803 (3.3%)	Superficial injury; contusion, initial encounter 966 (3.3%)	Superficial injury; contusion, initial encounter 946 (3.2%)	Coronavirus disease – 2019 (COVID-19) 611 (2.9%)	Superficial injury; contusion, initial encounter 798 (3.5%)	Respiratory signs and symptoms 865 (3.3%)	Alcohol-related disorders 9,376 (3.4%)
6	Musculoskeletal pain, not low back pain 3,328 (3.0%)	Open wounds to limbs, initial encounter 785 (3.2%)	Other specified upper respiratory infections 953 (3.2%)	Skin and subcutaneous tissue infections 924 (3.1%)	Abdominal pain and other digestive/abdomen signs and symptoms 601 (2.8%)	Sprains and strains, initial encounter 697 (3.1%)	Musculoskeletal pain, not low back pain 851 (3.2%)	Superficial injury; contusion, initial encounter 8,979 (3.3%)
7	Alcohol-related disorders 3,313 (3.0%)	Sprains and strains, initial encounter 738 (3.0%)	Sprains and strains, initial encounter 907 (3.1%)	Open wounds to limbs, initial encounter 910 (3.0%)	Influenza 503 (2.4%)	Musculoskeletal pain, not low back pain 675 (3.0%)	Otitis media 652 (2.5%)	Musculoskeletal pain, not low back pain 8,265 (3.0%)

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
8	Sprains and strains, initial encounter 3,259 (2.9%)	Other specified upper respiratory infections 707 (2.9%)	Musculoskeletal pain, not low back pain 747 (2.5%)	Other specified upper respiratory infections 865 (2.9%)	Sprains and strains, initial encounter 466 (2.2%)	Other specified upper respiratory infections 665 (2.9%)	Urinary tract infections 633 (2.4%)	Skin and subcutaneous tissue infections 8,179 (3.0%)
9	Skin and subcutaneous tissue infections 3,124 (2.8%)	Skin and subcutaneous tissue infections 585 (2.4%)	Skin and subcutaneous tissue infections 736 (2.5%)	Respiratory signs and symptoms 832 (2.8%)	Musculoskeletal pain, not low back pain 463 (2.2%)	Open wounds to limbs, initial encounter 656 (2.9%)	Pneumonia (except that caused by tuberculosis) 633 (2.4%)	Sprains and strains, initial encounter 7,522 (2.7%)
10	Respiratory signs and symptoms 2,906 (2.6%)	Alcohol-related disorders 581 (2.4%)	Respiratory signs and symptoms 706 (2.4%)	Urinary tract infections 693 (2.3%)	Otitis media 422 (2.0%)	Skin and subcutaneous tissue infections 554 (2.4%)	Superficial injury; contusion, initial encounter 575 (2.2%)	Open wounds to limbs, initial encounter 6,937 (2.5%)

## 2022 ED Visits CCSR Categories with Examples of Diagnoses

Table 29. ED Visits Top Ten CCSR Categories with Top Three Principal Diagnoses

Rank	CCSR Diagnosis Category	ICD-10-CM Examples
1	Other specified upper respiratory infections 12,159 (4.4%)	Acute upper respiratory infection, unspecified (6,906) Acute pharyngitis, unspecified (2,695) Streptococcal pharyngitis (1,162)
2	Abdominal pain and other digestive/abdomen signs and symptoms 12,036 (4.4%)	Unspecified abdominal pain (2,938) Epigastric pain (1,698) Right lower quadrant pain (1,421)
3	Coronavirus disease – 2019 (COVID-19) 10,671 (3.9%)	COVID-19 (10,628) Post COVID-19 condition, unspecified (43)
4	Nonspecific chest pain 9,536 (3.5%)	Other chest pain (4,856) Chest pain, unspecified (4,304) Precordial pain (376)
5	Alcohol-related disorders 9,376 (3.4%)	Alcohol abuse with intoxication, unspecified (3,397) Alcohol dependence with withdrawal, unspecified (1,256) Alcohol abuse, uncomplicated (938)
6	Superficial injury; contusion, initial encounter 8,979 (3.3%)	Contusion of other part of head, initial encounter (677) Contusion of scalp, initial encounter (495) Injury of conjunctiva and corneal abrasion without foreign body, left eye, initial encounter (343)
7	Musculoskeletal pain, not low back pain 8,265 (3.0%)	Pain in right knee (660) Pain in left knee (647) Pain in right shoulder (562)
8	Skin and subcutaneous tissue infections 8,179 (3.0%)	Cellulitis of left lower limb (1,053) Cellulitis of right lower limb (917) Local infection of the skin and subcutaneous tissue, unspecified (444)
9	Sprains and strains, initial encounter 7,522 (2.7%)	Strain of muscle, fascia and tendon of lower back, initial encounter (967) Strain of muscle, fascia and tendon at neck level, initial encounter (896) Sprain of unspecified ligament of right ankle, initial encounter (656)
10	Open wounds to limbs, initial encounter 6,937 (2.5%)	Laceration without foreign body of left index finger without damage to nail, initial encounter (539) Laceration without foreign body of left hand, initial encounter (425) Laceration without foreign body of left thumb without damage to nail, initial encounter (361)

## 2022 ED Visits Leading Causes of Emergency Department Visits by Patient Characteristic

Table 30. All Emergency Department Visit Discharges

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	128,541	46.6%	\$2,920	\$635,124,634
Sex: Female	146,828	53.3%	\$3,279	\$746,902,066
Race: White	119,272	43.3%	\$4,120	\$705,639,304
Race: AI/AN	100,136	36.3%	\$2,366	\$398,639,315
Race: Asian/PI	17,198	6.2%	\$3,336	\$90,520,197
Race: Black	11,931	4.3%	\$3,461	\$63,585,761
Ethnicity: Hispanic	12,915	4.7%	\$3,387	\$68,925,725
Age Group: 00-14	45,175	16.4%	\$1,791	\$115,833,961
Age Group: 15-24	35,926	13.0%	\$2,731	\$155,103,357
Age Group: 25-34	45,732	16.6%	\$3,108	\$217,684,115
Age Group: 35-44	40,357	14.6%	\$3,510	\$211,167,891
Age Group: 45-54	30,551	11.1%	\$4,047	\$175,696,334
Age Group: 55-64	33,018	12.0%	\$4,248	\$202,806,305
Age Group: 65-74	25,797	9.4%	\$4,780	\$168,687,332
Age Group: 75+	18,831	6.8%	\$5,696	\$135,074,523
Payer: Medicare	45,878	16.6%	\$4,963	\$304,595,452
Payer: Medicaid	114,184	41.4%	\$2,680	\$505,552,645
Payer: Commercial	65,865	23.9%	\$3,307	\$341,381,885
Payer: Self Pay	23,321	8.5%	\$2,667	\$103,661,126
Payer: Other	26,318	9.6%	\$2,893	\$127,462,215
Region: Anchorage	111,188	40.3%	\$3,649	\$625,632,563
Region: Gulf Coast	24,607	8.9%	\$3,773	\$138,309,772
Region: Interior	29,611	10.7%	\$3,129	\$119,429,174
Region: Mat-Su	30,007	10.9%	\$4,837	\$201,575,768
Region: Northern	21,091	7.7%	\$1,956	\$70,953,585
Region: Southeast	22,752	8.3%	\$2,251	\$100,062,795
Region: Southwest	26,462	9.6%	\$1,746	\$76,971,848
Region: Out of State	9,237	3.4%	\$3,260	\$47,191,612
Alaska 2022	275,568	100.0%	\$3,091	\$1,382,657,293
Alaska 2021	244,319	-	\$3,122	\$1,177,455,647
Alaska 2020	223,841	-	\$2,852	\$1,005,068,265

**Table 31. #1 ED Visits CCSR Category: Other specified upper respiratory infections (4.4% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	5,417	44.6%	\$1,808	\$13,025,849
Sex: Female	6,741	55.4%	\$1,814	\$16,545,840
Race: White	3,170	26.1%	\$2,118	\$9,374,735
Race: AI/AN	5,442	44.8%	\$1,647	\$11,139,121
Race: Asian/PI	1,153	9.5%	\$1,891	\$3,223,142
Race: Black	645	5.3%	\$1,902	\$1,747,196
Ethnicity: Hispanic	649	5.3%	\$2,000	\$1,841,719
Age Group: 00-14	5,792	47.6%	\$1,694	\$11,921,598
Age Group: 15-24	1,796	14.8%	\$1,855	\$4,254,656
Age Group: 25-34	1,662	13.7%	\$1,897	\$4,470,958
Age Group: 35-44	1,097	9.0%	\$2,028	\$3,188,272
Age Group: 45-54	672	5.5%	\$2,153	\$2,002,323
Age Group: 55-64	569	4.7%	\$2,135	\$1,732,213
Age Group: 65-74	401	3.3%	\$2,066	\$1,263,386
Age Group: 75+	170	1.4%	\$3,336	\$739,862
Payer: Medicare	661	5.4%	\$2,343	\$2,325,075
Payer: Medicaid	6,255	51.4%	\$1,797	\$14,731,641
Payer: Commercial	2,928	24.1%	\$1,855	\$7,019,176
Payer: Self Pay	1,229	10.1%	\$1,810	\$3,028,221
Payer: Other	1,085	8.9%	\$1,798	\$2,466,062
Region: Anchorage	5,333	43.9%	\$1,888	\$14,958,141
Region: Gulf Coast	707	5.8%	\$2,075	\$1,926,752
Region: Interior	953	7.8%	\$1,953	\$2,254,431
Region: Mat-Su	865	7.1%	\$2,538	\$2,812,413
Region: Northern	1,546	12.7%	\$1,738	\$2,971,977
Region: Southeast	665	5.5%	\$1,341	\$1,145,098
Region: Southwest	1,847	15.2%	\$1,344	\$2,809,443
Region: Out of State	236	1.9%	\$2,048	\$678,884
Alaska 2022	12,159	100.0%	\$1,810	\$29,573,269
Alaska 2021	7,832	-	\$1,807	\$18,992,772
Alaska 2020	8,560	-	\$1,617	\$18,680,407

**Table 32. ED Visits #2 CCSR Category: Abdominal pain and other digestive/abdomen signs and symptoms (4.4% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,275	35.5%	\$5,882	\$29,895,461
Sex: Female	7,759	64.5%	\$6,481	\$57,149,634
Race: White	5,723	47.5%	\$7,200	\$45,278,846
Race: AI/AN	4,085	33.9%	\$4,757	\$24,706,529
Race: Asian/PI	736	6.1%	\$7,020	\$5,938,509
Race: Black	517	4.3%	\$6,669	\$4,015,235
Ethnicity: Hispanic	643	5.3%	\$6,649	\$5,101,282
Age Group: 00-14	1,330	11.1%	\$2,630	\$4,792,645
Age Group: 15-24	2,022	16.8%	\$5,123	\$12,790,850
Age Group: 25-34	2,350	19.5%	\$6,136	\$16,864,661
Age Group: 35-44	1,991	16.5%	\$7,241	\$15,557,374
Age Group: 45-54	1,468	12.2%	\$7,940	\$12,446,739
Age Group: 55-64	1,378	11.4%	\$7,464	\$11,486,840
Age Group: 65-74	896	7.4%	\$8,086	\$7,900,982
Age Group: 75+	600	5.0%	\$8,062	\$5,220,457
Payer: Medicare	1,673	13.9%	\$7,870	\$14,292,948
Payer: Medicaid	4,903	40.7%	\$5,452	\$32,622,322
Payer: Commercial	3,543	29.4%	\$6,748	\$26,507,988
Payer: Self Pay	931	7.7%	\$5,990	\$6,803,097
Payer: Other	986	8.2%	\$6,109	\$6,843,140
Region: Anchorage	4,597	38.2%	\$7,731	\$40,228,331
Region: Gulf Coast	1,062	8.8%	\$6,019	\$7,330,656
Region: Interior	1,659	13.8%	\$5,936	\$9,662,452
Region: Mat-Su	1,558	12.9%	\$8,685	\$13,509,569
Region: Northern	601	5.0%	\$4,016	\$3,225,092
Region: Southeast	1,058	8.8%	\$4,187	\$5,697,128
Region: Southwest	1,146	9.5%	\$3,169	\$4,754,540
Region: Out of State	337	2.8%	\$6,987	\$2,546,773
Alaska 2022	12,036	100.0%	\$6,303	\$87,069,494
Alaska 2021	11,815	-	\$5,895	\$80,630,313
Alaska 2020	10,739	-	\$5,489	\$68,643,599

**Table 33. #3 ED Visits CCSR Category: Coronavirus disease – 2019 (COVID-19) (3.9% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,841	45.4%	\$2,959	\$21,943,692
Sex: Female	5,828	54.6%	\$3,243	\$26,559,038
Race: White	5,236	49.1%	\$3,808	\$26,707,303
Race: AI/AN	2,705	25.3%	\$2,400	\$10,662,238
Race: Asian/PI	957	9.0%	\$2,523	\$4,005,377
Race: Black	527	4.9%	\$3,345	\$2,452,760
Ethnicity: Hispanic	572	5.4%	\$3,464	\$2,698,076
Age Group: 00-14	1,778	16.7%	\$1,858	\$4,559,259
Age Group: 15-24	1,046	9.8%	\$2,601	\$3,854,108
Age Group: 25-34	1,480	13.9%	\$2,938	\$6,165,171
Age Group: 35-44	1,372	12.9%	\$3,495	\$7,120,448
Age Group: 45-54	1,170	11.0%	\$3,684	\$6,141,887
Age Group: 55-64	1,293	12.1%	\$4,005	\$6,943,713
Age Group: 65-74	1,334	12.5%	\$3,889	\$6,952,909
Age Group: 75+	1,197	11.2%	\$4,478	\$6,766,880
Payer: Medicare	2,388	22.4%	\$4,250	\$13,168,381
Payer: Medicaid	3,579	33.5%	\$2,841	\$14,912,610
Payer: Commercial	2,919	27.4%	\$2,948	\$12,403,046
Payer: Self Pay	774	7.3%	\$2,496	\$3,282,443
Payer: Other	1,011	9.5%	\$3,244	\$4,739,260
Region: Anchorage	4,526	42.4%	\$3,169	\$21,840,192
Region: Gulf Coast	1,083	10.1%	\$4,565	\$6,155,662
Region: Interior	1,021	9.6%	\$2,611	\$3,604,688
Region: Mat-Su	1,081	10.1%	\$4,478	\$6,880,780
Region: Northern	611	5.7%	\$2,254	\$1,848,947
Region: Southeast	940	8.8%	\$2,053	\$3,062,915
Region: Southwest	430	4.0%	\$1,540	\$1,105,314
Region: Out of State	955	8.9%	\$2,907	\$3,908,378
Alaska 2022	10,671	100.0%	\$3,127	\$48,505,740
Alaska 2021	9,251	-	\$3,746	\$46,484,227
Alaska 2020	3,031	-	\$4,803	\$16,854,920

**Table 34. #4 ED Visits CCSR Category: Nonspecific chest pain (3.5% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,542	47.6%	\$6,868	\$33,761,781
Sex: Female	4,988	52.3%	\$6,868	\$36,747,392
Race: White	5,023	52.7%	\$6,981	\$39,269,446
Race: AI/AN	2,777	29.1%	\$6,273	\$18,375,037
Race: Asian/PI	597	6.3%	\$7,203	\$4,513,175
Race: Black	516	5.4%	\$7,215	\$4,070,366
Ethnicity: Hispanic	427	4.5%	\$7,016	\$3,374,495
Age Group: 00-14	190	2.0%	\$2,773	\$681,265
Age Group: 15-24	881	9.2%	\$5,556	\$5,201,918
Age Group: 25-34	1,316	13.8%	\$6,430	\$8,794,088
Age Group: 35-44	1,708	17.9%	\$7,036	\$12,725,619
Age Group: 45-54	1,565	16.4%	\$7,060	\$12,131,409
Age Group: 55-64	1,811	19.0%	\$7,159	\$14,134,392
Age Group: 65-74	1,202	12.6%	\$7,245	\$9,990,840
Age Group: 75+	859	9.0%	\$7,218	\$6,864,706
Payer: Medicare	2,152	22.6%	\$7,218	\$17,432,671
Payer: Medicaid	2,997	31.4%	\$6,614	\$20,960,672
Payer: Commercial	2,798	29.3%	\$6,922	\$20,463,769
Payer: Self Pay	666	7.0%	\$6,874	\$4,659,032
Payer: Other	923	9.7%	\$6,722	\$7,024,326
Region: Anchorage	4,026	42.2%	\$7,527	\$32,923,549
Region: Gulf Coast	839	8.8%	\$6,430	\$6,474,937
Region: Interior	1,167	12.2%	\$5,344	\$6,639,117
Region: Mat-Su	1,499	15.7%	\$7,360	\$14,085,220
Region: Northern	356	3.7%	\$4,318	\$1,866,125
Region: Southeast	862	9.0%	\$4,074	\$4,329,454
Region: Southwest	542	5.7%	\$3,728	\$2,463,031
Region: Out of State	238	2.5%	\$6,902	\$1,730,950
Alaska 2022	9,536	100.0%	\$6,868	\$70,540,470
Alaska 2021	9,645	-	\$6,573	\$67,936,584
Alaska 2020	8,605	-	\$6,553	\$59,507,193



**Table 35. #5 ED Visits CCSR Category: Alcohol-related disorders (3.4% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	5,142	54.8%	\$4,097	\$26,262,020
Sex: Female	4,234	45.2%	\$4,832	\$23,639,681
Race: White	1,866	19.9%	\$5,296	\$11,758,486
Race: AI/AN	6,631	70.7%	\$4,155	\$32,859,993
Race: Asian/PI	48	0.5%	\$5,391	\$324,331
Race: Black	70	0.7%	\$4,621	\$392,724
Ethnicity: Hispanic	214	2.3%	\$5,367	\$1,391,998
Age Group: 00-14	22	0.2%	\$4,331	\$143,100
Age Group: 15-24	733	7.8%	\$3,718	\$3,553,822
Age Group: 25-34	2,233	23.8%	\$4,795	\$11,946,882
Age Group: 35-44	2,579	27.5%	\$4,734	\$14,120,986
Age Group: 45-54	1,875	20.0%	\$4,650	\$10,280,466
Age Group: 55-64	1,466	15.6%	\$3,518	\$7,414,956
Age Group: 65-74	419	4.5%	\$3,156	\$2,065,680
Age Group: 75+	45	0.5%	\$6,613	\$339,713
Payer: Medicare	635	6.8%	\$4,218	\$3,370,875
Payer: Medicaid	6,246	66.6%	\$4,297	\$32,316,547
Payer: Commercial	877	9.4%	\$5,047	\$5,281,427
Payer: Self Pay	980	10.5%	\$5,265	\$5,707,728
Payer: Other	638	6.8%	\$4,244	\$3,225,123
Region: Anchorage	3,313	35.3%	\$6,701	\$24,052,653
Region: Gulf Coast	581	6.2%	\$5,094	\$3,588,308
Region: Interior	1,388	14.8%	\$2,254	\$4,525,243
Region: Mat-Su	529	5.6%	\$6,973	\$4,355,844
Region: Northern	1,356	14.5%	\$2,676	\$5,198,885
Region: Southeast	845	9.0%	\$2,328	\$2,759,788
Region: Southwest	1,180	12.6%	\$2,426	\$4,504,529
Region: Out of State	162	1.7%	\$4,172	\$852,273
Alaska 2022	9,376	100.0%	\$4,493	\$49,901,701
Alaska 2021	9,359	-	\$4,237	\$47,165,571
Alaska 2020	9,012	-	\$3,802	\$42,484,813

**Table 36. #6 ED Visits CCSR Category: Superficial injury, contusion, initial encounter (3.3% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,598	51.2%	\$2,109	\$17,383,249
Sex: Female	4,369	48.7%	\$2,231	\$17,675,918
Race: White	4,267	47.5%	\$2,314	\$17,715,886
Race: AI/AN	3,049	34.0%	\$1,979	\$10,612,079
Race: Asian/PI	436	4.9%	\$2,516	\$1,939,789
Race: Black	310	3.5%	\$2,207	\$1,197,426
Ethnicity: Hispanic	472	5.3%	\$2,439	\$1,977,418
Age Group: 00-14	1,793	20.0%	\$1,525	\$3,550,595
Age Group: 15-24	1,383	15.4%	\$2,134	\$4,738,032
Age Group: 25-34	1,393	15.5%	\$2,165	\$5,560,491
Age Group: 35-44	1,190	13.3%	\$2,290	\$4,962,026
Age Group: 45-54	885	9.9%	\$2,362	\$3,806,898
Age Group: 55-64	957	10.7%	\$2,849	\$4,503,572
Age Group: 65-74	720	8.0%	\$3,436	\$3,765,612
Age Group: 75+	646	7.2%	\$4,712	\$4,161,453
Payer: Medicare	1,368	15.2%	\$3,767	\$7,538,567
Payer: Medicaid	3,541	39.4%	\$2,060	\$12,645,678
Payer: Commercial	2,178	24.3%	\$2,058	\$7,759,755
Payer: Self Pay	779	8.7%	\$2,159	\$3,067,535
Payer: Other	1,112	12.4%	\$2,066	\$4,062,164
Region: Anchorage	3,690	41.1%	\$2,496	\$16,639,894
Region: Gulf Coast	871	9.7%	\$2,410	\$3,549,680
Region: Interior	966	10.8%	\$1,724	\$2,665,032
Region: Mat-Su	946	10.5%	\$2,634	\$4,751,740
Region: Northern	698	7.8%	\$1,585	\$1,924,058
Region: Southeast	798	8.9%	\$1,362	\$2,357,759
Region: Southwest	575	6.4%	\$1,531	\$1,719,423
Region: Out of State	405	4.5%	\$2,113	\$1,415,817
Alaska 2022	8,979	100.0%	\$2,162	\$35,074,576
Alaska 2021	8,648	-	\$2,082	\$32,174,949
Alaska 2020	7,818	-	\$2,055	\$28,002,455

**Table 37. #7 ED Visits CCSR Category: Musculoskeletal pain, not low back pain (3.0% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,792	45.9%	\$2,320	\$13,371,207
Sex: Female	4,462	54.0%	\$2,574	\$17,023,710
Race: White	3,646	44.1%	\$2,905	\$15,477,230
Race: AI/AN	3,140	38.0%	\$2,085	\$9,165,517
Race: Asian/PI	453	5.5%	\$3,061	\$1,943,359
Race: Black	407	4.9%	\$2,796	\$1,610,452
Ethnicity: Hispanic	359	4.3%	\$2,715	\$1,343,952
Age Group: 00-14	696	8.4%	\$2,079	\$1,695,036
Age Group: 15-24	887	10.7%	\$2,152	\$2,840,497
Age Group: 25-34	1,246	15.1%	\$2,324	\$4,097,542
Age Group: 35-44	1,370	16.6%	\$2,488	\$5,009,038
Age Group: 45-54	1,184	14.3%	\$2,507	\$4,462,878
Age Group: 55-64	1,295	15.7%	\$2,512	\$4,929,726
Age Group: 65-74	921	11.1%	\$2,956	\$3,993,270
Age Group: 75+	654	7.9%	\$3,779	\$3,366,526
Payer: Medicare	1,690	20.4%	\$3,114	\$7,718,288
Payer: Medicaid	3,202	38.7%	\$2,270	\$10,631,230
Payer: Commercial	1,830	22.1%	\$2,521	\$6,725,494
Payer: Self Pay	698	8.4%	\$2,345	\$2,406,459
Payer: Other	845	10.2%	\$2,268	\$2,925,938
Region: Anchorage	3,328	40.3%	\$2,818	\$13,911,129
Region: Gulf Coast	803	9.7%	\$2,703	\$3,188,562
Region: Interior	747	9.0%	\$1,875	\$2,202,089
Region: Mat-Su	1,097	13.3%	\$3,381	\$5,374,094
Region: Northern	463	5.6%	\$1,632	\$1,154,261
Region: Southeast	675	8.2%	\$1,693	\$1,647,021
Region: Southwest	851	10.3%	\$1,531	\$1,803,420
Region: Out of State	279	3.4%	\$2,406	\$1,074,808
Alaska 2022	8,265	100.0%	\$2,437	\$30,407,410
Alaska 2021	7,609	-	\$2,364	\$26,890,633
Alaska 2020	6,975	-	\$2,235	\$23,303,971

**Table 38. #8 ED Visits CCSR Category: Skin and subcutaneous tissue infections (3.0% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,576	55.9%	\$2,143	\$16,388,206
Sex: Female	3,596	44.0%	\$2,013	\$11,744,087
Race: White	3,492	42.7%	\$2,384	\$14,172,805
Race: AI/AN	3,350	41.0%	\$1,737	\$8,953,676
Race: Asian/PI	364	4.5%	\$2,395	\$1,431,156
Race: Black	260	3.2%	\$2,975	\$1,125,656
Ethnicity: Hispanic	278	3.4%	\$2,326	\$1,153,119
Age Group: 00-14	1,034	12.6%	\$1,531	\$1,992,436
Age Group: 15-24	916	11.2%	\$1,853	\$2,494,769
Age Group: 25-34	1,607	19.6%	\$2,152	\$5,540,880
Age Group: 35-44	1,580	19.3%	\$2,263	\$5,851,315
Age Group: 45-54	1,111	13.6%	\$2,232	\$4,261,013
Age Group: 55-64	964	11.8%	\$2,297	\$3,754,773
Age Group: 65-74	588	7.2%	\$2,660	\$2,582,306
Age Group: 75+	372	4.5%	\$2,832	\$1,655,534
Payer: Medicare	1,048	12.8%	\$2,788	\$4,594,568
Payer: Medicaid	4,301	52.6%	\$2,040	\$14,290,529
Payer: Commercial	1,407	17.2%	\$2,001	\$4,539,673
Payer: Self Pay	758	9.3%	\$2,107	\$2,525,976
Payer: Other	665	8.1%	\$2,068	\$2,191,791
Region: Anchorage	3,124	38.2%	\$2,719	\$13,691,724
Region: Gulf Coast	585	7.2%	\$2,441	\$1,989,314
Region: Interior	736	9.0%	\$1,833	\$2,060,746
Region: Mat-Su	924	11.3%	\$2,367	\$3,657,259
Region: Northern	659	8.1%	\$1,450	\$1,503,961
Region: Southeast	554	6.8%	\$1,524	\$1,398,260
Region: Southwest	1,274	15.6%	\$1,531	\$2,778,772
Region: Out of State	303	3.7%	\$2,113	\$973,114
Alaska 2022	8,179	100.0%	\$2,088	\$28,142,537
Alaska 2021	7,385	-	\$1,944	\$22,753,892
Alaska 2020	7,480	-	\$1,825	\$21,467,166

**Table 39. #9 ED Visits CCSR Category: Sprains and strains, initial encounter (2.7% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,586	47.7%	\$2,293	\$12,200,994
Sex: Female	3,918	52.1%	\$2,335	\$13,669,675
Race: White	3,540	47.1%	\$2,436	\$13,608,168
Race: AI/AN	2,078	27.6%	\$2,094	\$5,667,204
Race: Asian/PI	619	8.2%	\$2,634	\$2,163,704
Race: Black	522	6.9%	\$2,715	\$1,934,028
Ethnicity: Hispanic	431	5.7%	\$2,571	\$1,588,152
Age Group: 00-14	771	10.2%	\$2,099	\$1,708,566
Age Group: 15-24	1,383	18.4%	\$2,215	\$3,805,326
Age Group: 25-34	1,530	20.3%	\$2,277	\$4,908,329
Age Group: 35-44	1,269	16.9%	\$2,368	\$4,489,389
Age Group: 45-54	943	12.5%	\$2,502	\$3,687,601
Age Group: 55-64	832	11.1%	\$2,606	\$3,289,840
Age Group: 65-74	534	7.1%	\$2,933	\$2,434,603
Age Group: 75+	242	3.2%	\$4,527	\$1,540,226
Payer: Medicare	776	10.3%	\$3,278	\$3,893,965
Payer: Medicaid	2,656	35.3%	\$2,319	\$8,444,591
Payer: Commercial	2,224	29.6%	\$2,277	\$7,544,757
Payer: Self Pay	651	8.7%	\$2,316	\$2,023,798
Payer: Other	1,215	16.2%	\$2,157	\$3,992,113
Region: Anchorage	3,259	43.3%	\$2,754	\$13,307,281
Region: Gulf Coast	738	9.8%	\$2,623	\$2,812,322
Region: Interior	907	12.1%	\$1,740	\$2,181,056
Region: Mat-Su	658	8.7%	\$2,642	\$2,600,619
Region: Northern	466	6.2%	\$1,758	\$1,031,081
Region: Southeast	697	9.3%	\$1,360	\$1,730,019
Region: Southwest	405	5.4%	\$1,544	\$819,050
Region: Out of State	358	4.8%	\$2,269	\$1,331,178
Alaska 2022	7,522	100.0%	\$2,320	\$25,899,224
Alaska 2021	6,980	-	\$2,222	\$22,398,735
Alaska 2020	6,275	-	\$2,144	\$19,622,715

**Table 40. #10 ED Visits CCSR Category: Open wounds to limbs, initial encounter (2.5% of All ED Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,247	61.2%	\$2,122	\$12,597,545
Sex: Female	2,669	38.5%	\$1,972	\$7,449,522
Race: White	3,705	53.4%	\$2,223	\$11,303,360
Race: AI/AN	2,004	28.9%	\$1,630	\$4,935,291
Race: Asian/PI	312	4.5%	\$2,141	\$943,711
Race: Black	251	3.6%	\$2,208	\$1,011,879
Ethnicity: Hispanic	377	5.4%	\$2,260	\$1,142,238
Age Group: 00-14	998	14.4%	\$1,772	\$2,229,153
Age Group: 15-24	1,240	17.9%	\$1,982	\$3,714,088
Age Group: 25-34	1,472	21.2%	\$2,056	\$4,366,940
Age Group: 35-44	1,129	16.3%	\$2,153	\$3,304,179
Age Group: 45-54	659	9.5%	\$2,181	\$1,992,704
Age Group: 55-64	681	9.8%	\$2,172	\$1,965,374
Age Group: 65-74	433	6.2%	\$2,201	\$1,370,241
Age Group: 75+	303	4.4%	\$2,208	\$1,103,388
Payer: Medicare	712	10.3%	\$2,183	\$2,499,754
Payer: Medicaid	2,374	34.2%	\$2,009	\$7,058,890
Payer: Commercial	1,953	28.2%	\$2,140	\$5,421,514
Payer: Self Pay	719	10.4%	\$1,893	\$1,904,813
Payer: Other	1,179	17.0%	\$2,018	\$3,198,045
Region: Anchorage	2,693	38.8%	\$2,208	\$9,047,630
Region: Gulf Coast	785	11.3%	\$2,249	\$2,282,079
Region: Interior	674	9.7%	\$1,972	\$1,479,278
Region: Mat-Su	910	13.1%	\$3,247	\$3,432,194
Region: Northern	378	5.4%	\$1,411	\$882,336
Region: Southeast	656	9.5%	\$1,152	\$1,034,133
Region: Southwest	475	6.8%	\$1,531	\$977,625
Region: Out of State	335	4.8%	\$2,141	\$897,363
Alaska 2022	6,937	100.0%	\$2,051	\$20,083,016
Alaska 2021	6,909	-	\$1,872	\$17,623,931
Alaska 2020	6,480	-	\$1,718	\$15,497,248

2022 Leading Causes of Emergency Department Visits by Age Group

Table 41. ED Visits Top Ten CCSR Categories by Age Group

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 3,302 (14.3%)	Other specified upper respiratory infections 2,490 (11.3%)	Abdominal pain and other digestive/abdomen signs and symptoms 2,022 (5.6%)	Abdominal pain and other digestive/abdomen signs and symptoms 2,350 (5.1%)	Alcohol-related disorders 2,579 (6.4%)	Alcohol-related disorders 1,875 (6.1%)	Nonspecific chest pain 1,811 (5.5%)	Coronavirus disease – 2019 (COVID-19) 2,531 (5.7%)	Other specified upper respiratory infections 12,159 (4.4%)
2	Otitis media 1,394 (6.0%)	Influenza 1,148 (5.2%)	Other specified upper respiratory infections 1,796 (5.0%)	Alcohol-related disorders 2,233 (4.9%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,991 (4.9%)	Nonspecific chest pain 1,565 (5.1%)	Alcohol-related disorders 1,466 (4.4%)	Nonspecific chest pain 2,061 (4.6%)	Abdominal pain and other digestive/abdomen signs and symptoms 12,036 (4.4%)
3	Fever 1,391 (6.0%)	Superficial injury; contusion, initial encounter 1,112 (5.0%)	Superficial injury; contusion, initial encounter 1,383 (3.9%)	Other specified upper respiratory infections 1,662 (3.6%)	Nonspecific chest pain 1,708 (4.2%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,468 (4.8%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,378 (4.2%)	Musculoskeletal pain, not low back pain 1,575 (3.5%)	Coronavirus disease – 2019 (COVID-19) 10,671 (3.9%)
4	Acute bronchitis 1,338 (5.8%)	Abdominal pain and other digestive/abdomen signs and symptoms 988 (4.5%)	Sprains and strains, initial encounter 1,383 (3.9%)	Other specified complications in pregnancy 1,626 (3.6%)	Skin and subcutaneous tissue infections 1,580 (3.9%)	Musculoskeletal pain, not low back pain 1,184 (3.9%)	Musculoskeletal pain, not low back pain 1,295 (3.9%)	Urinary tract infections 1,569 (3.5%)	Nonspecific chest pain 9,536 (3.5%)
5	Coronavirus disease – 2019 (COVID-19) 1,195 (5.2%)	Otitis media 949 (4.3%)	Open wounds to limbs, initial encounter 1,240 (3.5%)	Skin and subcutaneous tissue infections 1,607 (3.5%)	Coronavirus disease – 2019 (COVID-19) 1,372 (3.4%)	Coronavirus disease – 2019 (COVID-19) 1,170 (3.8%)	Coronavirus disease – 2019 (COVID-19) 1,293 (3.9%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,496 (3.4%)	Alcohol-related disorders 9,376 (3.4%)
6	Viral infection 1,194 (5.2%)	Fracture of the upper limb, initial encounter 912 (4.1%)	Other specified complications in pregnancy 1,227 (3.4%)	Sprains and strains, initial encounter 1,530 (3.3%)	Musculoskeletal pain, not low back pain 1,370 (3.4%)	Skin and subcutaneous tissue infections 1,111 (3.6%)	Skin and subcutaneous tissue infections 964 (2.9%)	Respiratory signs and symptoms 1,432 (3.2%)	Superficial injury; contusion, initial encounter 8,979 (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
7	Respiratory signs and symptoms 1,052 (4.6%)	Open wounds to limbs, initial encounter 784 (3.6%)	Coronavirus disease – 2019 (COVID-19) 1,046 (2.9%)	Coronavirus disease – 2019 (COVID-19) 1,480 (3.2%)	Sprains and strains, initial encounter 1,269 (3.1%)	Sprains and strains, initial encounter 943 (3.1%)	Superficial injury; contusion, initial encounter 957 (2.9%)	Superficial injury; contusion, initial encounter 1,366 (3.1%)	Musculoskeletal pain, not low back pain 8,265 (3.0%)
8	Influenza 826 (3.6%)	Sprains and strains, initial encounter 703 (3.2%)	Skin and subcutaneous tissue infections 916 (2.6%)	Open wounds to limbs, initial encounter 1,472 (3.2%)	Superficial injury; contusion, initial encounter 1,190 (2.9%)	Superficial injury; contusion, initial encounter 885 (2.9%)	Respiratory signs and symptoms 863 (2.6%)	Chronic obstructive pulmonary disease and bronchiectasis 962 (2.2%)	Skin and subcutaneous tissue infections 8,179 (3.0%)
9	Open wounds of head and neck, initial encounter 778 (3.4%)	Viral infection 698 (3.2%)	Musculoskeletal pain, not low back pain 887 (2.5%)	Superficial injury; contusion, initial encounter 1,393 (3.0%)	Open wounds to limbs, initial encounter 1,129 (2.8%)	Other specified upper respiratory infections 672 (2.2%)	Sprains and strains, initial encounter 832 (2.5%)	Skin and subcutaneous tissue infections 960 (2.2%)	Sprains and strains, initial encounter 7,522 (2.7%)
10	Nausea and vomiting 718 (3.1%)	Open wounds of head and neck, initial encounter 684 (3.1%)	Urinary tract infections 885 (2.5%)	Nonspecific chest pain 1,316 (2.9%)	Other specified upper respiratory infections 1,097 (2.7%)	Open wounds to limbs, initial encounter 659 (2.2%)	Urinary tract infections 720 (2.2%)	Cardiac dysrhythmias 950 (2.1%)	Open wounds to limbs, initial encounter 6,937 (2.5%)





# OUTPATIENT SURGERY PROCEDURES

## Outpatient Surgery Procedures Chapter

### Outpatient Surgery Introduction

### Outpatient Surgery Data Notes

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 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 region, the first is by [major CPT defined categories](#) and the second is by the 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 demographic tables by procedure categories 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 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).

On each of the eleven patient demographic tables in this section, the "Total Charges" column is only the itemized charges for the surgery procedures themselves, which is not necessarily the charge for the entire visit. Due to billing circumstances, 7% of the surgery procedure listings (10,349) 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

- Hospitals and ASCs billed primary payers \$1.1 billion for 136,489 surgery procedures with a billed amount in 2022 (note that 10,349 additional surgery procedures did not have a billed amount).
- Overall, the number of surgery procedure listings decreased 2% from 150,117 in 2021 to 146,838 in 2022. Billed charges increased by 6% from \$1.018 billion in 2021 to \$1.080 billion in 2022.
- The top ten outpatient surgery major CPT categories covered 142,335 (97%) of the 146,838 procedures.
- The top ten outpatient surgery minor CPT categories covered 92,219 (63%) of the total procedures.
- *Surgical procedures on the colon and rectum* were the leading minor CPT category at 17% of procedures.
- *The minor CPT category with the highest percentage of female patients, besides Surgical Procedures on the Corpus Uteri, was Surgical Procedures on the Anterior Segment of the Eye at 58% female, and the category with the highest percentages of male patients was Surgical Procedures on the Abdomen, Peritoneum, and Omentum at 69%.*
- The top ten procedure categories that had a median charge over \$4,000 were *Endoscopy/Arthroscopy Procedures on the Musculoskeletal System* (\$14,762), *Surgical Procedures on Arteries and Veins* (\$7,457), and *Surgical Procedures on the Corpus Uteri* (\$6,452).
- Commercial Insurers were the most common expected primary payers for outpatient surgery procedures, they were billed for 38% of procedures, followed by Medicare (28%), and Medicaid (17%).
- The leading outpatient surgical procedures during 2022 for patients under age 5 was *Surgical Procedures on the Middle Ear*; for patients ages 5 through 34, the leading procedure category was *Surgical Repair (Closure) Procedures on the Integumentary System*; for patients ages 35-44, the leader was *Surgical Procedures on the Esophagus*; and for patients over age 44, the leader was *Surgical Procedures on the Colon and Rectum*.

2022 Alaska Public Health Regions Leading Outpatient Surgery Major CPT Categories

Table 42. Outpatient Surgery Procedures Alaska Public Health Regions Top Ten Major CPT Categories

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Surgical Procedures on the Digestive System 20,979 (37.1%)	Surgical Procedures on the Digestive System 16,388 (40.7%)	Surgical Procedures on the Digestive System 3,884 (37.4%)	Surgical Procedures on the Digestive System 6,686 (31.0%)	Surgical Procedures on the Integumentary System 1,307 (35.6%)	Surgical Procedures on the Digestive System 3,212 (38.9%)	Surgical Procedures on the Integumentary System 1,482 (33.1%)	Surgical Procedures on the Digestive System 53,786 (36.6%)
2	Surgical Procedures on the Musculoskeletal System 10,602 (18.8%)	Surgical Procedures on the Musculoskeletal System 8,142 (20.2%)	Surgical Procedures on the Musculoskeletal System 2,250 (21.7%)	Surgical Procedures on the Musculoskeletal System 5,091 (23.6%)	Surgical Procedures on the Digestive System 973 (26.5%)	Surgical Procedures on the Musculoskeletal System 1,603 (19.4%)	Surgical Procedures on the Digestive System 1,274 (28.4%)	Surgical Procedures on the Musculoskeletal System 29,203 (19.9%)
3	Surgical Procedures on the Integumentary System 7,560 (13.4%)	Surgical Procedures on the Integumentary System 5,257 (13.1%)	Surgical Procedures on the Integumentary System 1,407 (13.5%)	Surgical Procedures on the Integumentary System 2,925 (13.6%)	Surgical Procedures on the Musculoskeletal System 585 (16.0%)	Surgical Procedures on the Integumentary System 1,456 (17.7%)	Surgical Procedures on the Musculoskeletal System 641 (14.3%)	Surgical Procedures on the Integumentary System 22,068 (15.0%)
4	Surgical Procedures on the Eye and Ocular Adnexa 4,273 (7.6%)	Surgical Procedures on the Eye and Ocular Adnexa 2,221 (5.5%)	Surgical Procedures on the Eye and Ocular Adnexa 934 (9.0%)	Surgical Procedures on the Eye and Ocular Adnexa 1,542 (7.1%)	Surgical Procedures on the Female Genital System 232 (6.3%)	Surgical Procedures on the Eye and Ocular Adnexa 575 (7.0%)	Surgical Procedures on the Female Genital System 272 (6.1%)	Surgical Procedures on the Eye and Ocular Adnexa 9,964 (6.8%)
5	Surgical Procedures on the Female Genital System 3,128 (5.5%)	Surgical Procedures on the Female Genital System 2,098 (5.2%)	Surgical Procedures on the Cardiovascular System 349 (3.4%)	Surgical Procedures on the Respiratory System 1,110 (5.1%)	Surgical Procedures on the Eye and Ocular Adnexa 175 (4.8%)	Surgical Procedures on the Female Genital System 392 (4.8%)	Surgical Procedures on the Eye and Ocular Adnexa 194 (4.3%)	Surgical Procedures on the Female Genital System 7,422 (5.1%)
6	Surgical Procedures on the Cardiovascular System 2,105 (3.7%)	Surgical Procedures on the Urinary System 2,055 (5.1%)	Surgical Procedures on the Nervous System 348 (3.4%)	Surgical Procedures on the Nervous System 1,074 (5.0%)	Surgical Procedures on the Auditory System 97 (2.6%)	Surgical Procedures on the Urinary System 279 (3.4%)	Surgical Procedures on the Auditory System 193 (4.3%)	Surgical Procedures on the Urinary System 4,995 (3.4%)
7	Surgical Procedures on the Urinary System 1,936 (3.4%)	Surgical Procedures on the Cardiovascular System 1,211 (3.0%)	Surgical Procedures on the Respiratory System 334 (3.2%)	Surgical Procedures on the Female Genital System 1,026 (4.8%)	Surgical Procedures on the Cardiovascular System 74 (2.0%)	Surgical Procedures on the Cardiovascular System 178 (2.2%)	Surgical Procedures on the Respiratory System 133 (3.0%)	Surgical Procedures on the Cardiovascular System 4,558 (3.1%)

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
8	Surgical Procedures on the Respiratory System 1,883 (3.3%)	Surgical Procedures on the Nervous System 760 (1.9%)	Surgical Procedures on the Auditory System 328 (3.2%)	Surgical Procedures on the Cardiovascular System 557 (2.6%)	Surgical Procedures on the Respiratory System 71 (1.9%)	Surgical Procedures on the Nervous System 166 (2.0%)	Surgical Procedures on the Cardiovascular System 63 (1.4%)	Surgical Procedures on the Respiratory System 4,323 (2.9%)
9	Surgical Procedures on the Nervous System 1,529 (2.7%)	Surgical Procedures on the Respiratory System 651 (1.6%)	Surgical Procedures on the Female Genital System 230 (2.2%)	Surgical Procedures on the Urinary System 510 (2.4%)	Surgical Procedures on the Male Genital System 34 (0.9%)	Surgical Procedures on the Respiratory System 113 (1.4%)	Surgical Procedures on the Nervous System 61 (1.4%)	Surgical Procedures on the Nervous System 4,015 (2.7%)
10	Surgical Procedures on the Auditory System 607 (1.1%)	Surgical Procedures on the Male Genital System 428 (1.1%)	Cardiovascular Procedures 133 (1.3%)	Surgical Procedures on the Auditory System 404 (1.9%)	Surgical Procedures on the Nervous System 33 (0.9%)	Surgical Procedures on the Auditory System 73 (0.9%)	Surgical Procedures on the Urinary System 51 (1.1%)	Surgical Procedures on the Auditory System 2,001 (1.4%)

2022 Alaska Public Health Regions Leading Outpatient Surgery Minor CPT Categories

Table 43. Outpatient Surgery Procedures Alaska Public Health Regions Top Ten Minor CPT Categories

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Surgical Procedures on the Colon and Rectum 10,117 (17.9%)	Surgical Procedures on the Colon and Rectum 7,798 (19.4%)	Surgical Procedures on the Colon and Rectum 2,057 (19.8%)	Surgical Procedures on the Colon and Rectum 2,614 (12.1%)	Surgical Repair (Closure) Procedures on the Integumentary System 598 (16.3%)	Surgical Procedures on the Colon and Rectum 1,525 (18.5%)	Surgical Procedures on the Colon and Rectum 551 (12.3%)	Surgical Procedures on the Colon and Rectum 25,216 (17.2%)
2	Surgical Procedures on the Esophagus 6,043 (10.7%)	Surgical Procedures on the Esophagus 4,175 (10.4%)	Surgical Procedures on the Esophagus 1,210 (11.6%)	Surgical Procedures on the Esophagus 2,150 (10.0%)	Surgical Procedures on the Colon and Rectum 493 (13.4%)	Surgical Procedures on the Esophagus 953 (11.6%)	Surgical Repair (Closure) Procedures on the Integumentary System 532 (11.9%)	Surgical Procedures on the Esophagus 15,268 (10.4%)
3	Surgical Repair (Closure) Procedures on the Integumentary System 3,823 (6.8%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 2,588 (6.4%)	Surgical Repair (Closure) Procedures on the Integumentary System 1,035 (10.0%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 1,570 (7.3%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 333 (9.1%)	Surgical Repair (Closure) Procedures on the Integumentary System 878 (10.6%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 455 (10.2%)	Surgical Repair (Closure) Procedures on the Integumentary System 10,027 (6.8%)
4	Surgical Procedures on the Anterior Segment of the Eye 3,581 (6.3%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 2,492 (6.2%)	Surgical Procedures on the Anterior Segment of the Eye 777 (7.5%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 1,326 (6.1%)	Surgical Procedures on the Esophagus 222 (6.1%)	Surgical Procedures on the Anterior Segment of the Eye 501 (6.1%)	Surgical Procedures on the Esophagus 361 (8.1%)	Surgical Procedures on the Anterior Segment of the Eye 8,491 (5.8%)
5	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 2,629 (4.6%)	Surgical Procedures on the Anterior Segment of the Eye 2,028 (5.0%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 596 (5.7%)	Surgical Procedures on the Anterior Segment of the Eye 1,305 (6.0%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 194 (5.3%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 457 (5.5%)	Introduction or Removal Procedures on the Integumentary System 281 (6.3%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 8,223 (5.6%)

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
6	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 1,976 (3.5%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 2,019 (5.0%)	Surgical Procedures on the Shoulder 390 (3.8%)	Surgical Repair (Closure) Procedures on the Integumentary System 1,003 (4.6%)	Introduction or Removal Procedures on the Integumentary System 172 (4.7%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 324 (3.9%)	Surgical Procedures on the Middle Ear 182 (4.1%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 6,747 (4.6%)
7	Surgical Procedures on the Bladder 1,835 (3.2%)	Surgical Procedures on the Bladder 1,994 (5.0%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 320 (3.1%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 775 (3.6%)	Surgical Procedures on the Nails 169 (4.6%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 316 (3.8%)	Surgical Procedures on the Nails 154 (3.4%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 5,649 (3.8%)
8	Surgical Procedures on the Corpus Uteri 1,823 (3.2%)	Surgical Repair (Closure) Procedures on the Integumentary System 1,637 (4.1%)	Surgical Procedures on the Middle Ear 301 (2.9%)	Surgical Procedures on the Nose 616 (2.9%)	Surgical Procedures on the Anterior Segment of the Eye 123 (3.4%)	Surgical Procedures on the Bladder 264 (3.2%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 147 (3.3%)	Surgical Procedures on the Bladder 4,761 (3.2%)
9	Surgical Procedures on Arteries and Veins 1,776 (3.1%)	Surgical Procedures on Arteries and Veins 1,108 (2.8%)	Surgical Procedures on the Breast 253 (2.4%)	Surgical Procedures on the Spine and Spinal Cord 610 (2.8%)	Surgical Procedures on the Cervix Uteri 92 (2.5%)	Surgical Procedures on the Corpus Uteri 238 (2.9%)	Surgical Procedures on the Anterior Segment of the Eye 144 (3.2%)	Surgical Procedures on the Corpus Uteri 4,059 (2.8%)
10	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 1,600 (2.8%)	Surgical Procedures on the Corpus Uteri 1,098 (2.7%)	Surgical Procedures on Arteries and Veins 239 (2.3%)	Surgical Procedures on the Corpus Uteri 568 (2.6%)	Surgical Procedures on the Corpus Uteri 90 (2.5%)	Surgical Procedures on the Hand and Fingers 216 (2.6%)	Surgical Procedures on the Corpus Uteri 110 (2.5%)	Surgical Procedures on Arteries and Veins 3,778 (2.6%)

## 2022 Outpatient Surgery Minor CPT Categories with Examples of Diagnoses

Table 44. Outpatient Surgery Procedures Top Ten Minor CPT Categories with Top Three Principal Diagnoses

Rank	CPT Category	ICD-10-CM Examples
1	Surgical Procedures on the Colon and Rectum 25,216 (17.2%)	Encounter for screening for malignant neoplasm of colon (13,485) Polyp of colon (1,536) Benign neoplasm of ascending colon (722)
2	Surgical Procedures on the Esophagus 15,268 (10.4%)	Unspecified chronic gastritis without bleeding (2,015) Encounter for screening for malignant neoplasm of colon (1,113) Gastro-esophageal reflux disease with esophagitis, without bleeding (999)
3	Surgical Repair (Closure) Procedures on the Integumentary System 10,027 (6.8%)	Laceration without foreign body of other part of head, initial encounter (854) Laceration without foreign body of scalp, initial encounter (768) Laceration without foreign body of left index finger without damage to nail, initial encounter (394)
4	Surgical Procedures on the Anterior Segment of the Eye 8,491 (5.8%)	Combined forms of age-related cataract, left eye (2,315) Combined forms of age-related cataract, right eye (2,234) Age-related nuclear cataract, left eye (655)
5	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 8,223 (5.6%)	Sprain of anterior cruciate ligament of right knee, initial encounter (398) Complex tear of medial meniscus, current injury, right knee, initial encounter (379) Sprain of anterior cruciate ligament of left knee, initial encounter (379)
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 6,747 (4.6%)	Type 2 diabetes mellitus with foot ulcer (770) Cutaneous abscess of buttock (197) Epidermal cyst (190)
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 5,649 (3.8%)	Unilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent (1,264) Umbilical hernia without obstruction or gangrene (531) Bilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent (456)
8	Surgical Procedures on the Bladder 4,761 (3.2%)	Calculus of kidney (939) Calculus of ureter (726) Calculus of kidney with calculus of ureter (465)
9	Surgical Procedures on the Corpus Uteri 4,059 (2.8%)	Polyp of corpus uteri (493) Leiomyoma of uterus, unspecified (300) Malignant neoplasm of endometrium (269)
10	Surgical Procedures on Arteries and Veins 3,778 (2.6%)	Encounter for adjustment and management of vascular access device (312) Stenosis of other vascular prosthetic devices, implants and grafts, initial encounter (309) Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease (292)



## 2022 Leading Outpatient Surgery Minor CPT Categories by Patient Characteristic

Table 45. All Outpatient Surgery Procedures

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	70,174	47.8%	\$3,561	65,311	\$508,992,607
Sex: Female	76,602	52.2%	\$3,792	71,118	\$570,965,318
Race: White	94,825	64.6%	\$3,069	88,366	\$625,957,899
Race: AI/AN	18,092	12.3%	\$3,892	16,072	\$117,937,391
Race: Asian/PI	6,351	4.3%	\$3,069	5,817	\$39,600,452
Race: Black	3,128	2.1%	\$3,069	2,734	\$18,989,350
Ethnicity: Hispanic	4,302	2.9%	\$3,056	3,896	\$26,096,623
Age Group: 00-14	8,401	5.7%	\$3,500	7,913	\$55,000,049
Age Group: 15-24	8,132	5.5%	\$3,069	7,504	\$57,442,436
Age Group: 25-34	12,956	8.8%	\$4,093	11,710	\$97,604,049
Age Group: 35-44	17,551	12.0%	\$4,788	16,106	\$144,737,129
Age Group: 45-54	23,026	15.7%	\$3,843	21,473	\$179,362,408
Age Group: 55-64	30,464	20.7%	\$3,912	28,391	\$244,985,166
Age Group: 65-74	31,008	21.1%	\$3,463	29,013	\$209,580,053
Age Group: 75+	15,267	10.4%	\$3,069	14,346	\$91,672,115
Payer: Medicare	41,302	28.1%	\$3,214	38,733	\$263,055,218
Payer: Medicaid	24,772	16.9%	\$3,511	22,443	\$165,359,723
Payer: Commercial	55,054	37.5%	\$3,570	51,469	\$419,034,392
Payer: Self Pay	6,286	4.3%	\$5,081	5,686	\$49,545,645
Payer: Other	19,423	13.2%	\$5,482	18,157	\$183,453,764
Region: Anchorage	56,543	38.5%	\$4,335	50,526	\$460,573,014
Region: Gulf Coast	40,250	27.4%	\$1,715	39,598	\$169,326,061
Region: Interior	10,387	7.1%	\$3,570	9,897	\$71,666,758
Region: Mat-Su	21,571	14.7%	\$7,913	19,720	\$275,595,436
Region: Northern	3,667	2.5%	\$3,076	3,353	\$23,774,141
Region: Southeast	8,249	5.6%	\$2,538	8,050	\$42,665,702
Region: Southwest	4,481	3.1%	\$4,335	3,789	\$28,725,298
Region: Out of State	1,574	1.1%	\$1,188	1,443	\$7,684,791
Alaska 2022	146,838	100.0%	\$3,570	136,489	\$1,080,451,529
Alaska 2021	150,117	-	\$3,463	139,734	\$1,018,750,999
Alaska 2020	123,003	-	\$3,052	114,769	\$773,927,183



**Table 46. #1 Outpatient Surgery Procedures Minor CPT Category: Surgical Procedures on the Colon and Rectum (17.2% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	13,200	52.3%	\$3,069	12,619	\$36,092,435
Sex: Female	12,014	47.6%	\$3,069	11,434	\$35,009,273
Race: White	17,999	71.4%	\$2,665	17,139	\$45,721,231
Race: AI/AN	2,675	10.6%	\$5,076	2,608	\$10,239,759
Race: Asian/PI	1,113	4.4%	\$3,069	1,032	\$2,979,842
Race: Black	549	2.2%	\$3,069	513	\$1,510,966
Ethnicity: Hispanic	598	2.4%	\$3,069	540	\$1,621,923
Age Group: 00-14	221	0.9%	\$1,125	221	\$506,318
Age Group: 15-24	396	1.6%	\$3,069	386	\$1,092,615
Age Group: 25-34	832	3.3%	\$3,069	792	\$2,580,973
Age Group: 35-44	1,848	7.3%	\$3,069	1,765	\$5,947,647
Age Group: 45-54	5,816	23.1%	\$3,069	5,590	\$17,130,805
Age Group: 55-64	7,092	28.1%	\$3,069	6,762	\$20,774,949
Age Group: 65-74	6,825	27.1%	\$2,665	6,492	\$17,593,318
Age Group: 75+	2,185	8.7%	\$2,918	2,045	\$5,470,871
Payer: Medicare	7,412	29.4%	\$2,591	6,999	\$18,427,665
Payer: Medicaid	2,699	10.7%	\$3,069	2,571	\$8,343,082
Payer: Commercial	11,657	46.2%	\$3,069	11,179	\$34,271,284
Payer: Self Pay	608	2.4%	\$5,244	582	\$2,693,064
Payer: Other	2,840	11.3%	\$2,665	2,723	\$7,368,493
Region: Anchorage	10,117	40.1%	\$3,069	9,286	\$32,315,493
Region: Gulf Coast	7,798	30.9%	\$840	7,746	\$14,053,728
Region: Interior	2,057	8.2%	\$1,700	2,042	\$4,025,106
Region: Mat-Su	2,614	10.4%	\$5,529	2,400	\$12,772,548
Region: Northern	493	2.0%	\$5,244	484	\$2,140,283
Region: Southeast	1,525	6.0%	\$1,956	1,513	\$3,455,060
Region: Southwest	551	2.2%	\$5,244	529	\$2,185,904
Region: Out of State	56	0.2%	\$3,069	49	\$138,776
Alaska 2022	25,216	100.0%	\$3,069	24,054	\$71,103,588
Alaska 2021	24,535	-	\$2,665	23,269	\$65,699,070
Alaska 2020	17,278	-	\$2,529	16,349	\$43,522,487

**Table 47. #2 Outpatient Surgery Procedures Minor CPT Category: Surgical Procedures on the Esophagus (10.4% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	6,907	45.2%	\$2,500	6,470	\$17,554,821
Sex: Female	8,361	54.8%	\$2,786	7,806	\$23,288,712
Race: White	10,699	70.1%	\$2,096	9,962	\$26,191,511
Race: AI/AN	1,616	10.6%	\$3,056	1,558	\$5,869,308
Race: Asian/PI	679	4.4%	\$2,786	620	\$1,584,854
Race: Black	431	2.8%	\$2,786	392	\$1,009,579
Ethnicity: Hispanic	507	3.3%	\$2,786	470	\$1,371,101
Age Group: 00-14	624	4.1%	\$981	624	\$1,352,274
Age Group: 15-24	738	4.8%	\$1,996	704	\$1,766,425
Age Group: 25-34	1,161	7.6%	\$2,786	1,079	\$3,303,580
Age Group: 35-44	2,063	13.5%	\$2,786	1,945	\$5,891,762
Age Group: 45-54	2,360	15.5%	\$2,786	2,214	\$7,083,292
Age Group: 55-64	3,325	21.8%	\$2,786	3,101	\$9,410,376
Age Group: 65-74	3,352	22.0%	\$2,121	3,096	\$8,231,281
Age Group: 75+	1,645	10.8%	\$1,996	1,513	\$3,804,544
Payer: Medicare	4,469	29.3%	\$1,996	4,113	\$10,652,709
Payer: Medicaid	2,776	18.2%	\$2,710	2,622	\$7,813,197
Payer: Commercial	6,054	39.7%	\$2,786	5,700	\$17,038,974
Payer: Self Pay	349	2.3%	\$4,335	326	\$1,384,787
Payer: Other	1,619	10.6%	\$2,710	1,514	\$3,951,080
Region: Anchorage	6,043	39.6%	\$3,056	5,457	\$16,655,867
Region: Gulf Coast	4,175	27.3%	\$816	4,108	\$7,020,573
Region: Interior	1,210	7.9%	\$1,816	1,179	\$2,845,931
Region: Mat-Su	2,150	14.1%	\$5,202	1,891	\$9,345,377
Region: Northern	222	1.5%	\$4,335	216	\$1,015,029
Region: Southeast	953	6.2%	\$1,924	938	\$2,272,982
Region: Southwest	361	2.4%	\$4,335	342	\$1,361,274
Region: Out of State	143	0.9%	\$1,617	134	\$305,615
Alaska 2022	15,268	100.0%	\$2,710	14,276	\$40,843,533
Alaska 2021	15,616	-	\$2,020	14,552	\$39,390,536
Alaska 2020	12,708	-	\$1,883	11,963	\$29,345,816

**Table 48. #3 Outpatient Surgery Procedures Minor CPT Category: Surgical Repair (Closure) Procedures on the Integumentary System (6.8% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	6,343	63.3%	\$698	5,512	\$10,369,516
Sex: Female	3,659	36.5%	\$698	3,131	\$9,946,528
Race: White	5,598	55.8%	\$698	4,873	\$9,689,879
Race: AI/AN	2,251	22.4%	\$517	1,969	\$3,259,012
Race: Asian/PI	427	4.3%	\$698	340	\$486,846
Race: Black	270	2.7%	\$698	196	\$360,061
Ethnicity: Hispanic	406	4.0%	\$698	322	\$587,577
Age Group: 00-14	1,627	16.2%	\$685	1,418	\$1,827,053
Age Group: 15-24	1,250	12.5%	\$574	1,072	\$1,516,159
Age Group: 25-34	1,597	15.9%	\$698	1,346	\$2,623,907
Age Group: 35-44	1,309	13.1%	\$698	1,092	\$2,724,928
Age Group: 45-54	964	9.6%	\$713	825	\$2,813,778
Age Group: 55-64	1,280	12.8%	\$770	1,124	\$3,643,719
Age Group: 65-74	1,129	11.3%	\$1,268	1,012	\$3,148,347
Age Group: 75+	847	8.4%	\$832	755	\$2,018,791
Payer: Medicare	1,772	17.7%	\$880	1,597	\$4,472,579
Payer: Medicaid	2,543	25.4%	\$590	2,103	\$3,426,588
Payer: Commercial	2,988	29.8%	\$698	2,601	\$5,285,164
Payer: Self Pay	1,207	12.0%	\$711	1,068	\$4,182,356
Payer: Other	1,517	15.1%	\$698	1,299	\$2,967,642
Region: Anchorage	3,823	38.1%	\$770	2,855	\$8,909,985
Region: Gulf Coast	1,637	16.3%	\$646	1,620	\$2,529,870
Region: Interior	1,035	10.3%	\$517	938	\$1,080,971
Region: Mat-Su	1,003	10.0%	\$3,561	906	\$4,823,480
Region: Northern	598	6.0%	\$1,150	584	\$1,104,421
Region: Southeast	878	8.8%	\$315	875	\$485,881
Region: Southwest	532	5.3%	\$349	418	\$939,057
Region: Out of State	479	4.8%	\$589	432	\$431,031
Alaska 2022	10,027	100.0%	\$698	8,668	\$20,334,329
Alaska 2021	10,272	-	\$635	8,982	\$19,980,230
Alaska 2020	7,901	-	\$529	6,803	\$12,427,384

**Table 49. #4 Outpatient Surgery Procedures Minor CPT Category: Surgical Procedures on the Anterior Segment of the Eye (5.8% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,555	41.9%	\$3,912	3,554	\$17,882,809
Sex: Female	4,936	58.1%	\$3,912	4,929	\$22,711,874
Race: White	4,665	54.9%	\$3,912	4,662	\$18,624,220
Race: AI/AN	609	7.2%	\$7,532	604	\$4,061,384
Race: Asian/PI	407	4.8%	\$3,912	407	\$2,013,997
Race: Black	104	1.2%	\$3,912	104	\$572,939
Ethnicity: Hispanic	92	1.1%	\$6,202	92	\$540,945
Age Group: 00-14	39	0.5%	\$6,542	39	\$298,307
Age Group: 15-24	5	0.1%	\$6,542	5	\$27,870
Age Group: 25-34	36	0.4%	\$4,473	36	\$220,701
Age Group: 35-44	118	1.4%	\$6,542	118	\$763,552
Age Group: 45-54	368	4.3%	\$4,300	367	\$2,073,722
Age Group: 55-64	1,655	19.5%	\$3,912	1,649	\$8,564,920
Age Group: 65-74	3,848	45.3%	\$3,912	3,847	\$18,007,697
Age Group: 75+	2,422	28.5%	\$3,912	2,422	\$10,637,913
Payer: Medicare	5,438	64.0%	\$3,912	5,438	\$24,018,271
Payer: Medicaid	339	4.0%	\$6,939	339	\$2,221,508
Payer: Commercial	1,804	21.2%	\$3,912	1,796	\$9,174,786
Payer: Self Pay	170	2.0%	\$7,532	170	\$1,170,223
Payer: Other	740	8.7%	\$4,304	740	\$4,009,895
Region: Anchorage	3,581	42.2%	\$3,912	3,581	\$17,684,759
Region: Gulf Coast	2,028	23.9%	\$1,817	2,027	\$5,508,509
Region: Interior	777	9.2%	\$6,302	776	\$4,856,902
Region: Mat-Su	1,305	15.4%	\$6,978	1,300	\$8,780,785
Region: Northern	123	1.4%	\$7,532	123	\$758,374
Region: Southeast	501	5.9%	\$3,912	501	\$1,804,233
Region: Southwest	144	1.7%	\$7,532	143	\$983,015
Region: Out of State	32	0.4%	\$7,066	32	\$218,106
Alaska 2022	8,491	100.0%	\$3,912	8,483	\$40,594,683
Alaska 2021	9,073	-	\$3,912	9,028	\$44,050,529
Alaska 2020	7,293	-	\$3,586	7,252	\$29,539,458

**Table 50. #5 Outpatient Surgery Procedures Minor CPT Category: Endoscopy/Arthroscopy Procedures on the Musculoskeletal System (5.6% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	4,142	50.4%	\$15,370	3,807	\$53,188,056
Sex: Female	4,080	49.6%	\$13,390	3,733	\$49,695,186
Race: White	5,042	61.3%	\$11,300	4,692	\$55,956,976
Race: AI/AN	836	10.2%	\$14,762	553	\$8,668,778
Race: Asian/PI	181	2.2%	\$15,370	176	\$2,518,594
Race: Black	132	1.6%	\$15,370	117	\$1,765,941
Ethnicity: Hispanic	206	2.5%	\$11,300	185	\$2,082,947
Age Group: 00-14	64	0.8%	\$15,838	58	\$1,013,841
Age Group: 15-24	755	9.2%	\$15,370	688	\$10,771,300
Age Group: 25-34	939	11.4%	\$15,370	832	\$12,483,303
Age Group: 35-44	1,349	16.4%	\$15,370	1,213	\$17,360,799
Age Group: 45-54	1,789	21.8%	\$13,581	1,665	\$21,726,424
Age Group: 55-64	1,907	23.2%	\$14,135	1,758	\$23,125,687
Age Group: 65-74	1,117	13.6%	\$12,083	1,035	\$13,675,015
Age Group: 75+	302	3.7%	\$8,324	291	\$2,726,873
Payer: Medicare	1,204	14.6%	\$9,781	1,122	\$13,635,746
Payer: Medicaid	1,241	15.1%	\$9,781	1,078	\$13,165,179
Payer: Commercial	3,133	38.1%	\$14,135	2,866	\$39,145,956
Payer: Self Pay	251	3.1%	\$12,800	177	\$2,726,656
Payer: Other	2,394	29.1%	\$15,370	2,298	\$34,224,841
Region: Anchorage	2,629	32.0%	\$16,135	2,411	\$40,144,741
Region: Gulf Coast	2,588	31.5%	\$5,790	2,530	\$17,801,948
Region: Interior	596	7.2%	\$9,275	550	\$7,279,435
Region: Mat-Su	1,570	19.1%	\$18,576	1,358	\$29,245,453
Region: Northern	194	2.4%	\$17,172	119	\$2,282,499
Region: Southeast	457	5.6%	\$6,101	432	\$3,801,740
Region: Southwest	147	1.8%	\$15,370	102	\$1,746,392
Region: Out of State	41	0.5%	\$15,993	38	\$581,033
Alaska 2022	8,223	100.0%	\$14,762	7,541	\$102,898,377
Alaska 2021	9,232	-	\$12,955	8,554	\$106,417,440
Alaska 2020	7,458	-	\$12,955	6,873	\$83,508,320

**Table 51. #6 Outpatient Surgery Procedures Minor CPT Category: Surgical Procedures on the Skin, Subcutaneous and Accessory Structures (4.6% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,930	58.2%	\$1,000	3,659	\$8,275,503
Sex: Female	2,812	41.7%	\$1,114	2,579	\$6,256,377
Race: White	4,455	66.0%	\$1,000	4,195	\$8,512,224
Race: AI/AN	1,366	20.2%	\$987	1,247	\$3,929,825
Race: Asian/PI	217	3.2%	\$1,021	183	\$393,730
Race: Black	119	1.8%	\$1,124	76	\$113,748
Ethnicity: Hispanic	259	3.8%	\$1,114	238	\$488,102
Age Group: 00-14	399	5.9%	\$1,008	369	\$1,125,763
Age Group: 15-24	440	6.5%	\$1,114	383	\$1,015,489
Age Group: 25-34	718	10.6%	\$1,008	610	\$1,469,944
Age Group: 35-44	904	13.4%	\$1,114	812	\$1,969,213
Age Group: 45-54	778	11.5%	\$1,114	711	\$2,016,876
Age Group: 55-64	973	14.4%	\$1,114	911	\$2,459,904
Age Group: 65-74	1,488	22.1%	\$808	1,428	\$2,899,822
Age Group: 75+	1,043	15.5%	\$683	1,015	\$1,579,865
Payer: Medicare	2,463	36.5%	\$683	2,387	\$4,147,975
Payer: Medicaid	1,444	21.4%	\$813	1,258	\$3,394,919
Payer: Commercial	1,664	24.7%	\$1,114	1,538	\$4,093,068
Payer: Self Pay	461	6.8%	\$1,482	417	\$1,288,485
Payer: Other	715	10.6%	\$1,114	643	\$1,633,246
Region: Anchorage	1,600	23.7%	\$1,482	1,288	\$4,209,659
Region: Gulf Coast	2,492	36.9%	\$683	2,485	\$3,062,303
Region: Interior	101	1.5%	\$2,145	93	\$434,980
Region: Mat-Su	1,326	19.7%	\$1,179	1,255	\$4,528,151
Region: Northern	333	4.9%	\$1,000	324	\$742,311
Region: Southeast	316	4.7%	\$643	316	\$642,849
Region: Southwest	455	6.7%	\$426	370	\$769,150
Region: Out of State	116	1.7%	\$609	104	\$135,803
Alaska 2022	6,747	100.0%	\$1,000	6,243	\$14,557,693
Alaska 2021	6,426	-	\$943	5,889	\$13,644,925
Alaska 2020	5,774	-	\$819	5,243	\$10,352,520

**Table 52. #7 Outpatient Surgery Procedures Minor CPT Category: Surgical Procedures on the Abdomen, Peritoneum, and Omentum (3.8% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,892	68.9%	\$4,133	3,580	\$36,217,162
Sex: Female	1,757	31.1%	\$3,511	1,585	\$13,638,902
Race: White	4,226	74.8%	\$3,586	3,867	\$32,514,176
Race: AI/AN	543	9.6%	\$4,303	503	\$6,323,249
Race: Asian/PI	176	3.1%	\$3,326	152	\$1,293,404
Race: Black	88	1.6%	\$3,113	73	\$518,986
Ethnicity: Hispanic	152	2.7%	\$3,687	141	\$1,354,380
Age Group: 00-14	201	3.6%	\$9,363	192	\$1,796,616
Age Group: 15-24	156	2.8%	\$6,021	151	\$1,529,161
Age Group: 25-34	440	7.8%	\$4,569	402	\$4,226,538
Age Group: 35-44	673	11.9%	\$4,133	609	\$6,418,628
Age Group: 45-54	1,068	18.9%	\$3,825	971	\$10,122,665
Age Group: 55-64	1,165	20.6%	\$3,825	1,055	\$11,261,739
Age Group: 65-74	1,287	22.8%	\$3,511	1,190	\$10,334,852
Age Group: 75+	659	11.7%	\$3,511	595	\$4,165,864
Payer: Medicare	1,807	32.0%	\$3,383	1,669	\$11,874,336
Payer: Medicaid	1,213	21.5%	\$3,687	1,097	\$9,009,818
Payer: Commercial	1,822	32.3%	\$6,037	1,648	\$20,884,601
Payer: Self Pay	163	2.9%	\$9,342	143	\$1,960,088
Payer: Other	644	11.4%	\$6,200	608	\$6,127,221
Region: Anchorage	1,976	35.0%	\$4,013	1,655	\$20,815,238
Region: Gulf Coast	2,019	35.7%	\$3,033	1,997	\$10,412,355
Region: Interior	320	5.7%	\$10,145	311	\$2,870,173
Region: Mat-Su	775	13.7%	\$16,960	682	\$10,696,982
Region: Northern	86	1.5%	\$10,386	72	\$998,644
Region: Southeast	324	5.7%	\$3,448	318	\$2,105,834
Region: Southwest	108	1.9%	\$12,958	94	\$1,522,731
Region: Out of State	40	0.7%	\$4,137	35	\$433,477
Alaska 2022	5,649	100.0%	\$3,825	5,165	\$49,856,063
Alaska 2021	5,475	-	\$3,360	5,013	\$43,490,921
Alaska 2020	5,057	-	\$3,315	4,699	\$35,702,607

**Table 53. #8 Outpatient Surgery Procedures Minor CPT Category: Surgical Procedures on the Bladder (3.2% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	2,958	62.1%	\$3,293	2,864	\$19,023,095
Sex: Female	1,803	37.9%	\$3,786	1,753	\$12,621,073
Race: White	3,809	80.0%	\$2,249	3,717	\$20,429,876
Race: AI/AN	273	5.7%	\$8,590	248	\$2,608,020
Race: Asian/PI	178	3.7%	\$2,593	172	\$942,175
Race: Black	50	1.1%	\$2,844	45	\$312,687
Ethnicity: Hispanic	123	2.6%	\$2,772	120	\$702,958
Age Group: 00-14	55	1.2%	\$2,141	55	\$311,459
Age Group: 15-24	59	1.2%	\$5,627	56	\$501,178
Age Group: 25-34	282	5.9%	\$4,737	270	\$2,253,179
Age Group: 35-44	351	7.4%	\$5,708	342	\$2,758,504
Age Group: 45-54	501	10.5%	\$4,240	481	\$3,850,255
Age Group: 55-64	995	20.9%	\$3,938	964	\$6,939,228
Age Group: 65-74	1,358	28.5%	\$3,786	1,320	\$9,255,909
Age Group: 75+	1,160	24.4%	\$2,141	1,129	\$5,774,456
Payer: Medicare	2,215	46.5%	\$2,446	2,160	\$12,911,311
Payer: Medicaid	564	11.8%	\$4,153	545	\$4,020,544
Payer: Commercial	1,406	29.5%	\$4,940	1,357	\$11,489,589
Payer: Self Pay	165	3.5%	\$4,163	155	\$1,076,864
Payer: Other	411	8.6%	\$2,698	400	\$2,145,860
Region: Anchorage	1,835	38.5%	\$3,823	1,738	\$12,738,503
Region: Gulf Coast	1,994	41.9%	\$1,924	1,988	\$7,721,021
Region: Interior	28	0.6%	\$10,853	23	\$258,798
Region: Mat-Su	472	9.9%	\$19,532	453	\$8,306,907
Region: Northern	23	0.5%	\$12,722	21	\$277,213
Region: Southeast	264	5.5%	\$3,823	258	\$1,493,186
Region: Southwest	47	1.0%	\$8,623	42	\$418,607
Region: Out of State	96	2.0%	\$2,188	92	\$425,973
Alaska 2022	4,761	100.0%	\$3,473	4,617	\$31,644,168
Alaska 2021	5,211	-	\$2,668	5,114	\$31,264,772
Alaska 2020	4,859	-	\$2,680	4,699	\$28,667,429



**Table 54. #9 Outpatient Surgery Procedures Minor CPT Category: Surgical Procedures on the Corpus Uteri (2.8% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Female	4,048	99.7%	\$6,452	3,737	\$41,122,151
Race: White	2,741	67.5%	\$5,706	2,561	\$27,569,971
Race: AI/AN	475	11.7%	\$1,918	398	\$3,697,144
Race: Asian/PI	301	7.4%	\$7,926	285	\$3,177,059
Race: Black	102	2.5%	\$6,985	91	\$996,089
Ethnicity: Hispanic	159	3.9%	\$11,919	147	\$1,856,326
Age Group: 15-24	92	2.3%	\$6,020	80	\$701,432
Age Group: 25-34	564	13.9%	\$8,163	512	\$5,674,399
Age Group: 35-44	1,242	30.6%	\$7,436	1,148	\$13,802,116
Age Group: 45-54	1,107	27.3%	\$6,757	1,032	\$11,995,533
Age Group: 55-64	604	14.9%	\$5,764	557	\$5,543,513
Age Group: 65-74	341	8.4%	\$3,808	318	\$2,771,434
Age Group: 75+	109	2.7%	\$3,113	101	\$748,487
Payer: Medicare	438	10.8%	\$3,448	410	\$3,364,192
Payer: Medicaid	831	20.5%	\$5,860	752	\$7,635,908
Payer: Commercial	2,470	60.9%	\$7,630	2,302	\$27,207,923
Payer: Self Pay	183	4.5%	\$1,482	168	\$1,561,246
Payer: Other	137	3.4%	\$7,672	116	\$1,467,646
Region: Anchorage	1,823	44.9%	\$10,083	1,654	\$20,883,024
Region: Gulf Coast	1,098	27.1%	\$2,223	1,071	\$6,394,146
Region: Interior	113	2.8%	\$5,975	98	\$934,563
Region: Mat-Su	568	14.0%	\$14,948	526	\$9,393,194
Region: Northern	90	2.2%	\$1,475	80	\$696,898
Region: Southeast	238	5.9%	\$5,619	227	\$1,925,730
Region: Southwest	110	2.7%	\$1,459	74	\$764,865
Region: Out of State	18	0.4%	\$4,854	17	\$243,506
Alaska 2022	4,059	100.0%	\$6,452	3,748	\$41,236,914
Alaska 2021	3,760	-	\$4,967	3,450	\$33,340,885
Alaska 2020	3,357	-	\$4,056	3,101	\$26,626,878

**Table 55. #10 Outpatient Surgery Procedures Minor CPT Category: Surgical Procedures on Arteries and Veins (2.6% of Outpatient Surgery)**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	1,876	49.7%	\$7,470	1,697	\$17,328,776
Sex: Female	1,902	50.3%	\$7,457	1,759	\$15,397,632
Race: White	2,416	63.9%	\$7,010	2,208	\$18,868,442
Race: AI/AN	330	8.7%	\$12,722	305	\$4,095,235
Race: Asian/PI	558	14.8%	\$12,537	514	\$5,707,062
Race: Black	189	5.0%	\$14,195	174	\$2,065,015
Ethnicity: Hispanic	114	3.0%	\$7,141	102	\$838,672
Age Group: 00-14	65	1.7%	\$3,081	65	\$306,501
Age Group: 15-24	35	0.9%	\$12,655	29	\$317,489
Age Group: 25-34	119	3.1%	\$7,525	108	\$916,711
Age Group: 35-44	287	7.6%	\$8,465	257	\$2,483,776
Age Group: 45-54	519	13.7%	\$7,820	487	\$4,233,630
Age Group: 55-64	1,092	28.9%	\$7,407	991	\$9,038,027
Age Group: 65-74	991	26.2%	\$7,457	896	\$8,938,846
Age Group: 75+	670	17.7%	\$7,457	623	\$6,491,429
Payer: Medicare	1,862	49.3%	\$7,820	1,732	\$17,936,313
Payer: Medicaid	592	15.7%	\$7,457	546	\$4,693,415
Payer: Commercial	940	24.9%	\$7,407	840	\$6,979,429
Payer: Self Pay	68	1.8%	\$10,493	62	\$653,791
Payer: Other	316	8.4%	\$6,381	276	\$2,463,462
Region: Anchorage	1,776	47.0%	\$11,836	1,569	\$17,438,633
Region: Gulf Coast	1,108	29.3%	\$1,850	1,072	\$5,022,931
Region: Interior	239	6.3%	\$3,968	217	\$2,216,843
Region: Mat-Su	391	10.3%	\$12,052	352	\$5,558,294
Region: Northern	57	1.5%	\$11,493	54	\$621,016
Region: Southeast	140	3.7%	\$6,065	134	\$1,212,888
Region: Southwest	48	1.3%	\$13,742	40	\$526,761
Region: Out of State	19	0.5%	\$6,322	18	\$129,043
Alaska 2022	3,778	100.0%	\$7,457	3,456	\$32,726,409
Alaska 2021	4,036	-	\$7,101	3,654	\$32,411,003
Alaska 2020	3,687	-	\$6,380	3,390	\$29,690,608

2022 Leading Outpatient Surgery Minor CPT Categories by Age Group

Table 56. Outpatient Surgery Procedures Top Ten Minor CPT Categories by Age Group

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 809 (24.0%)	Surgical Repair (Closure) Procedures on the Integumentary System 1,016 (20.2%)	Surgical Repair (Closure) Procedures on the Integumentary System 1,250 (15.4%)	Surgical Repair (Closure) Procedures on the Integumentary System 1,597 (12.3%)	Surgical Procedures on the Esophagus 2,063 (11.8%)	Surgical Procedures on the Colon and Rectum 5,816 (25.3%)	Surgical Procedures on the Colon and Rectum 7,092 (23.3%)	Surgical Procedures on the Colon and Rectum 9,010 (19.5%)	Surgical Procedures on the Colon and Rectum 25,216 (17.2%)
2	Surgical Repair (Closure) Procedures on the Integumentary System 611 (18.2%)	Surgical Procedures on the Pharynx, Adenoids, and Tonsils 646 (12.8%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 755 (9.3%)	Surgical Procedures on the Esophagus 1,161 (9.0%)	Surgical Procedures on the Colon and Rectum 1,848 (10.5%)	Surgical Procedures on the Esophagus 2,360 (10.2%)	Surgical Procedures on the Esophagus 3,325 (10.9%)	Surgical Procedures on the Anterior Segment of the Eye 6,270 (13.5%)	Surgical Procedures on the Esophagus 15,268 (10.4%)
3	Surgical Procedures on the Pharynx, Adenoids, and Tonsils 466 (13.8%)	Surgical Procedures on the Middle Ear 394 (7.8%)	Surgical Procedures on the Esophagus 738 (9.1%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 939 (7.2%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 1,349 (7.7%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 1,789 (7.8%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 1,907 (6.3%)	Surgical Procedures on the Esophagus 4,997 (10.8%)	Surgical Repair (Closure) Procedures on the Integumentary System 10,027 (6.8%)
4	Surgical Procedures on the Penis 335 (10.0%)	Surgical Procedures on the Esophagus 388 (7.7%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 440 (5.4%)	Surgical Procedures on the Colon and Rectum 832 (6.4%)	Surgical Repair (Closure) Procedures on the Integumentary System 1,309 (7.5%)	Surgical Procedures on the Corpus Uteri 1,107 (4.8%)	Surgical Procedures on the Anterior Segment of the Eye 1,655 (5.4%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 2,531 (5.5%)	Surgical Procedures on the Anterior Segment of the Eye 8,491 (5.8%)
5	Surgical Procedures on the Esophagus 236 (7.0%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 277 (5.5%)	Surgical Procedures on the Colon and Rectum 396 (4.9%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 718 (5.5%)	Surgical Procedures on the Corpus Uteri 1,242 (7.1%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 1,068 (4.6%)	Surgical Repair (Closure) Procedures on the Integumentary System 1,280 (4.2%)	Surgical Procedures on the Bladder 2,518 (5.4%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 8,223 (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
6	Surgical Procedures on the Ocular Adnexa 139 (4.1%)	Surgical Procedures on the Appendix 238 (4.7%)	Introduction or Removal Procedures on the Integumentary System 384 (4.7%)	Surgical Procedures on the Corpus Uteri 564 (4.4%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 904 (5.2%)	Surgical Repair (Closure) Procedures on the Integumentary System 964 (4.2%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 1,165 (3.8%)	Surgical Repair (Closure) Procedures on the Integumentary System 1,976 (4.3%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 6,747 (4.6%)
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 134 (4.0%)	Surgical Procedures on the Nails 226 (4.5%)	Surgical Procedures on the Appendix 306 (3.8%)	Surgical Procedures on the Oviduct/Ovary 527 (4.1%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 673 (3.8%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 778 (3.4%)	Surgical Procedures on Arteries and Veins 1,092 (3.6%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 1,946 (4.2%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 5,649 (3.8%)
8	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 122 (3.6%)	Surgical Procedures on the Colon and Rectum 171 (3.4%)	Surgical Procedures on the Pharynx, Adenoids, and Tonsils 295 (3.6%)	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 440 (3.4%)	Surgical Procedures on the Breast 533 (3.0%)	Surgical Procedures on the Breast 747 (3.2%)	Surgical Procedures on the Bladder 995 (3.3%)	Surgical Procedures on Arteries and Veins 1,661 (3.6%)	Surgical Procedures on the Bladder 4,761 (3.2%)
9	Surgical Procedures on the Tongue and Floor of Mouth 66 (2.0%)	General Surgical Procedures on the Musculoskeletal System 160 (3.2%)	Surgical Procedures on the Nose 281 (3.5%)	Surgical Procedures on the Nose 435 (3.4%)	Surgical Procedures on the Biliary Tract 490 (2.8%)	Surgical Procedures on the Shoulder 536 (2.3%)	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 973 (3.2%)	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 1,419 (3.1%)	Surgical Procedures on the Corpus Uteri 4,059 (2.8%)
10	Surgical Procedures on the Colon and Rectum 50 (1.5%)	Surgical Procedures on the Forearm and Wrist 134 (2.7%)	Surgical Procedures on the Leg (Tibia and Fibula) and Ankle Joint 274 (3.4%)	Surgical Procedures on the Biliary Tract 430 (3.3%)	Surgical Procedures on the Nose 466 (2.7%)	Surgical Procedures on Arteries and Veins 519 (2.3%)	Surgical Procedures on the Femur (Thigh Region) and Knee Joint 869 (2.9%)	Surgical Procedures on the Femur (Thigh Region) and Knee Joint 1,219 (2.6%)	Surgical Procedures on Arteries and Veins 3,778 (2.6%)

# OUTPATIENT NON-EMERGENCY DEPARTMENT

(Not including visits exclusively for lab or radiology)

## Outpatient Non-Emergency Department Chapter

### Outpatient Non-Emergency Department Introduction

#### Diagnosis Aggregation

The visits for this chapter are numerous (560,735) and include visits specifically for surgery, observation, and therapy, among others. 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 (lab) discharges are reported in the next chapter. All 42,295 visits to 18 ambulatory surgery centers (ASC) are included in this chapter as well as visits that any of the 21 non-military community hospitals identified as outpatient surgery. The total visit count of 560,735 for outpatient non-ED/non-lab discharges in this chapter are a combination of the outpatient other count of 475,483 and the outpatient surgery count of 85,252 from Table 1.

The first table in this section 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 they provide a more comprehensive but less granular view of visits.

As in both the Inpatient and Emergency Department chapters, the second table in this section groups the 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.

## Data Highlights

- In 2022, Alaska facilities billed \$3.3 billion for 560,735 outpatient visits that were not emergency department visits and not exclusively a lab or radiology visit (non-ED/non-lab).
- The top ten outpatient non-ED/non-lab major ICD-10-CM categories cover 414,424 (74%) of these 2022 visits.
- The top ten outpatient non-ED/non-Lab CCSR diagnosis categories cover 152,476 (27%) of these 2022 visits.
- The number one CCSR category, at 6.1% of this chapter's 2022 visits, was *medical examination/evaluation* with 34,109 visits. The number one CCSR Category in 2021, *exposure, encounters, screening or contact with infectious disease*, with 71,965 visits (11.8%), but that category dropped to 16,891 visits (3.0%) in 2022.
- The top three specific ICD-10-CM principal diagnoses in the number one CCSR category, *medical examination/evaluation* are:
  - *Encounter for routine child health examination without abnormal findings (12,862 visits)*
  - *Encounter for other preprocedural examination (7,191 visits)*
  - *Encounter for general adult medical examination without abnormal findings (3,955 visits)*
- The median charge for outpatient non-ED/non-Lab visits was \$804.
- Visits by women represented 59% of those in this chapter.



2022 Alaska Public Health Regions Major Leading Causes of Outpatient Non-ED/Non-Lab Visits

Table 57. Outpatient Non-ED/Non-Lab Visits Alaska Public Health Regions Top Ten Major ICD-10-CM Code Ranges

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Diseases of the musculoskeletal system and connective tissue 30,575 (13.4%)	Diseases of the musculoskeletal system and connective tissue 15,358 (15.6%)	Diseases of the circulatory system 6,879 (16.2%)	Diseases of the musculoskeletal system and connective tissue 4,734 (12.7%)	Factors influencing health status and contact with health services [except examinations] 6,719 (12.9%)	Diseases of the musculoskeletal system and connective tissue 5,938 (15.6%)	Persons encountering health services for examinations 9,453 (15.4%)	Diseases of the musculoskeletal system and connective tissue 74,203 (13.2%)
2	Persons encountering health services for examinations 28,156 (12.4%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 10,782 (11.0%)	Diseases of the musculoskeletal system and connective tissue 5,957 (14.1%)	Diseases of the digestive system 4,542 (12.1%)	Persons encountering health services for examinations 5,528 (10.6%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 4,425 (11.6%)	Factors influencing health status and contact with health services [except examinations] 7,725 (12.6%)	Persons encountering health services for examinations 60,528 (10.8%)
3	Factors influencing health status and contact with health services [except examinations] 27,664 (12.1%)	Factors influencing health status and contact with health services [except examinations] 8,253 (8.4%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 4,641 (11.0%)	Persons encountering health services for examinations 3,037 (8.1%)	Diseases of the musculoskeletal system and connective tissue 5,359 (10.3%)	Persons encountering health services for examinations 3,416 (9.0%)	Pregnancy, childbirth, and puerperium 6,016 (9.8%)	Factors influencing health status and contact with health services [except examinations] 60,297 (10.8%)
4	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 22,540 (9.9%)	Persons encountering health services for examinations 7,949 (8.1%)	Factors influencing health status and contact with health services [except examinations] 3,791 (8.9%)	Injury, poisoning, and certain other consequences of external causes 2,906 (7.8%)	Diseases of the respiratory system 4,259 (8.2%)	Factors influencing health status and contact with health services [except examinations] 3,342 (8.8%)	Diseases of the musculoskeletal system and connective tissue 5,937 (9.7%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 55,259 (9.9%)

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
5	Injury, poisoning, and certain other consequences of external causes 12,016 (5.3%)	Diseases of the nervous system 6,491 (6.6%)	Diseases of the digestive system 3,059 (7.2%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 2,876 (7.7%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 4,234 (8.1%)	Diseases of the digestive system 2,695 (7.1%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 5,454 (8.9%)	Diseases of the circulatory system 32,158 (5.7%)
6	Diseases of the digestive system 12,003 (5.3%)	Injury, poisoning, and certain other consequences of external causes 5,622 (5.7%)	Persons encountering health services for examinations 2,754 (6.5%)	Factors influencing health status and contact with health services [except examinations] 2,484 (6.6%)	Injury, poisoning, and certain other consequences of external causes 2,843 (5.5%)	Diseases of the circulatory system 2,388 (6.3%)	Mental, Behavioral and Neurodevelopmental disorders 3,561 (5.8%)	Diseases of the digestive system 31,394 (5.6%)
7	Diseases of the respiratory system 11,083 (4.9%)	Diseases of the circulatory system 5,482 (5.6%)	Neoplasms 2,736 (6.5%)	Neoplasms 2,415 (6.5%)	Endocrine, nutritional and metabolic diseases 2,723 (5.2%)	Injury, poisoning, and certain other consequences of external causes 2,361 (6.2%)	Diseases of the circulatory system 2,930 (4.8%)	Injury, poisoning, and certain other consequences of external causes 31,326 (5.6%)
8	Diseases of the circulatory system 9,486 (4.2%)	Diseases of the digestive system 5,070 (5.1%)	Injury, poisoning, and certain other consequences of external causes 2,306 (5.4%)	Diseases of the circulatory system 2,293 (6.1%)	Diseases of the circulatory system 2,530 (4.9%)	Neoplasms 2,091 (5.5%)	Diseases of the respiratory system 2,855 (4.7%)	Diseases of the respiratory system 24,742 (4.4%)
9	Mental, Behavioral and Neurodevelopmental disorders 9,253 (4.1%)	Mental, Behavioral and Neurodevelopmental disorders 4,911 (5.0%)	Diseases of the genitourinary system 1,430 (3.4%)	Diseases of the respiratory system 1,851 (4.9%)	Mental, Behavioral and Neurodevelopmental disorders 2,243 (4.3%)	Mental, Behavioral and Neurodevelopmental disorders 1,612 (4.2%)	Injury, poisoning, and certain other consequences of external causes 2,850 (4.7%)	Mental, Behavioral and Neurodevelopmental disorders 22,404 (4.0%)
10	Diseases of the skin and subcutaneous tissue 9,110 (4.0%)	Endocrine, nutritional and metabolic diseases 4,813 (4.9%)	Pregnancy, childbirth, and puerperium 1,423 (3.4%)	Diseases of the eye and adnexa 1,766 (4.7%)	Pregnancy, childbirth, and puerperium 2,230 (4.3%)	Endocrine, nutritional and metabolic diseases 1,518 (4.0%)	Diseases of the genitourinary system 2,025 (3.3%)	Neoplasms 22,113 (3.9%)



2022 Alaska Public Health Regions CCSR Leading Causes of Outpatient Non-ED/Non-Lab Visits

Table 58. Outpatient Non-ED/Non-Lab Visits Top Ten CCSR Categories

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Medical examination/evaluation 16,479 (7.2%)	Musculoskeletal pain, not low back pain 4,575 (4.7%)	Spondylopathies/spondyloarthropathy (including infective) 2,195 (5.2%)	Neoplasm-related encounters 1,673 (4.5%)	Medical examination/evaluation 3,726 (7.2%)	Neoplasm-related encounters 1,858 (4.9%)	Medical examination/evaluation 6,944 (11.3%)	Medical examination/evaluation 34,109 (6.1%)
2	Exposure, encounters, screening or contact with infectious disease 9,294 (4.1%)	Medical examination/evaluation 3,976 (4.1%)	Neoplasm-related encounters 1,964 (4.6%)	Spondylopathies/spondyloarthropathy (including infective) 1,239 (3.3%)	Exposure, encounters, screening or contact with infectious disease 3,168 (6.1%)	Spondylopathies/spondyloarthropathy (including infective) 1,416 (3.7%)	Other specified complications in pregnancy 2,942 (4.8%)	Musculoskeletal pain, not low back pain 20,352 (3.6%)
3	Musculoskeletal pain, not low back pain 8,282 (3.6%)	Neoplasm-related encounters 3,478 (3.5%)	Coronary atherosclerosis and other heart disease 1,899 (4.5%)	Cataract and other lens disorders 1,192 (3.2%)	Musculoskeletal pain, not low back pain 2,106 (4.1%)	Musculoskeletal pain, not low back pain 1,344 (3.5%)	Musculoskeletal pain, not low back pain 2,639 (4.3%)	Neoplasm-related encounters 17,381 (3.1%)
4	Other aftercare encounter 7,619 (3.3%)	Spondylopathies/spondyloarthropathy (including infective) 3,155 (3.2%)	Cardiac dysrhythmias 1,872 (4.4%)	Medical examination/evaluation 1,103 (2.9%)	Other specified upper respiratory infections 1,880 (3.6%)	Medical examination/evaluation 1,106 (2.9%)	Exposure, encounters, screening or contact with infectious disease 2,459 (4.0%)	Exposure, encounters, screening or contact with infectious disease 16,891 (3.0%)
5	Neoplasm-related encounters 7,190 (3.2%)	Osteoarthritis 2,344 (2.4%)	Other aftercare encounter 1,015 (2.4%)	Osteoarthritis 954 (2.6%)	Other aftercare encounter 1,564 (3.0%)	Other aftercare encounter 955 (2.5%)	Other aftercare encounter 2,045 (3.3%)	Other aftercare encounter 15,085 (2.7%)
6	Biomechanical lesions 6,674 (2.9%)	Other specified and unspecified skin disorders 2,096 (2.1%)	Abdominal pain and other digestive/abdomen signs and symptoms 967 (2.3%)	Benign neoplasms 898 (2.4%)	Essential hypertension 1,303 (2.5%)	Abdominal pain and other digestive/abdomen signs and symptoms 848 (2.2%)	Essential hypertension 1,687 (2.8%)	Spondylopathies/spondyloarthropathy (including infective) 13,258 (2.4%)

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
7	Other specified upper respiratory infections 4,553 (2.0%)	Sleep wake disorders 1,972 (2.0%)	Cataract and other lens disorders 846 (2.0%)	Other aftercare encounter 816 (2.2%)	Other specified complications in pregnancy 936 (1.8%)	Osteoarthritis 793 (2.1%)	Uncomplicated pregnancy, delivery or puerperium 1,149 (1.9%)	Abdominal pain and other digestive/abdomen signs and symptoms 9,835 (1.8%)
8	Spondylopathies/spondyloarthropathy (including infective) 3,988 (1.7%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,832 (1.9%)	Musculoskeletal pain, not low back pain 816 (1.9%)	Coronary atherosclerosis and other heart disease 802 (2.1%)	Other specified and unspecified skin disorders 835 (1.6%)	Encounter for antineoplastic therapies 774 (2.0%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,104 (1.8%)	Osteoarthritis 8,750 (1.6%)
9	Respiratory signs and symptoms 3,844 (1.7%)	Diabetes mellitus with complication 1,745 (1.8%)	Other specified complications in pregnancy 781 (1.8%)	Sprains and strains, initial encounter 725 (1.9%)	Abdominal pain and other digestive/abdomen signs and symptoms 829 (1.6%)	Neurodevelopmental disorders 737 (1.9%)	Other specified upper respiratory infections 1,047 (1.7%)	Other specified complications in pregnancy 8,433 (1.5%)
10	Abdominal pain and other digestive/abdomen signs and symptoms 3,551 (1.6%)	Encounter for antineoplastic therapies 1,629 (1.7%)	Osteoarthritis 729 (1.7%)	Abdominal pain and other digestive/abdomen signs and symptoms 664 (1.8%)	Nervous system pain and pain syndromes 815 (1.6%)	Respiratory signs and symptoms 625 (1.6%)	Supervision of high-risk pregnancy 928 (1.5%)	Respiratory signs and symptoms 8,382 (1.5%)

## 2022 Outpatient Non-ED/Non-Lab CCSR Categories with Examples of Diagnoses

Table 59. Outpatient Non-ED/Non-Lab Visits Top Ten CCSR Categories with Top Three Principal Diagnoses

Rank	CCSR Diagnosis Category	ICD-10-CM Examples
1	Medical examination/evaluation 34,109 (6.1%)	Encounter for routine child health examination without abnormal findings (12,862) Encounter for other preprocedural examination (7,191) Encounter for general adult medical examination without abnormal findings (3,955)
2	Musculoskeletal pain, not low back pain 20,352 (3.6%)	Pain in right knee (2,458) Pain in right shoulder (2,317) Pain in left knee (2,110)
3	Neoplasm-related encounters 17,381 (3.1%)	Encounter for screening for malignant neoplasm of colon (13,642) Encounter for screening mammogram for malignant neoplasm of breast (1,557) Encounter for follow-up examination after completed treatment for malignant neoplasm (984)
4	Exposure, encounters, screening or contact with infectious disease 16,891 (3.0%)	Encounter for immunization (12,965) Contact with and (suspected) exposure to COVID-19 (1,385) Encounter for screening for infections with a predominantly sexual mode of transmission (1,260)
5	Other aftercare encounter 15,085 (2.7%)	Encounter for other orthopedic aftercare (4,093) Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm (3,442) Aftercare following joint replacement surgery (1,524)
6	Spondylopathies/spondyloarthropathy (including infective) 13,258 (2.4%)	Cervicalgia (2,190) Radiculopathy, lumbar region (1,012) Other intervertebral disc degeneration, lumbar region (820)
7	Abdominal pain and other digestive/abdomen signs and symptoms 9,835 (1.8%)	Unspecified abdominal pain (2,442) Pelvic and perineal pain (1,057) Epigastric pain (898)
8	Osteoarthritis 8,750 (1.6%)	Unilateral primary osteoarthritis, right knee (1,687) Unilateral primary osteoarthritis, left knee (1,462) Bilateral primary osteoarthritis of knee (1,100)
9	Other specified complications in pregnancy 8,433 (1.5%)	Other specified diseases and conditions complicating pregnancy (1,138) Anemia complicating pregnancy, third trimester (1,054) Other specified pregnancy related conditions, third trimester (881)
10	Respiratory signs and symptoms 8,382 (1.5%)	Cough, unspecified (2,660) Shortness of breath (1,171) Dyspnea, unspecified (848)

## 2022 Outpatient Non-ED/Non-Lab Visits by Patient Characteristic

Table 60. All Outpatient Non-ED/Non-Lab Visit Discharges

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	230,368	41.1%	\$851	\$1,560,667,479
Sex: Female	330,131	58.9%	\$780	\$1,757,345,816
Race: White	210,336	37.5%	\$1,881	\$1,998,141,295
Race: AI/AN	280,764	50.1%	\$446	\$664,200,237
Race: Asian/PI	13,776	2.5%	\$2,714	\$127,261,697
Race: Black	7,508	1.3%	\$2,330	\$72,837,566
Ethnicity: Hispanic	13,269	2.4%	\$917	\$91,884,120
Age Group: 00-14	68,125	12.1%	\$349	\$170,690,910
Age Group: 15-24	46,735	8.3%	\$581	\$171,967,940
Age Group: 25-34	67,271	12.0%	\$662	\$281,874,493
Age Group: 35-44	64,969	11.6%	\$794	\$380,401,542
Age Group: 45-54	66,574	11.9%	\$1,088	\$458,037,274
Age Group: 55-64	90,072	16.1%	\$1,170	\$706,412,469
Age Group: 65-74	97,376	17.4%	\$1,243	\$753,311,670
Age Group: 75+	59,468	10.6%	\$1,056	\$396,093,577
Payer: Medicare	149,236	26.6%	\$1,147	\$1,074,802,328
Payer: Medicaid	147,663	26.3%	\$581	\$591,782,296
Payer: Commercial	164,103	29.3%	\$891	\$1,068,317,178
Payer: Self Pay	62,231	11.1%	\$398	\$153,896,560
Payer: Other	37,491	6.7%	\$2,315	\$430,243,445
Region: Anchorage	227,968	40.7%	\$634	\$1,300,971,210
Region: Gulf Coast	98,447	17.6%	\$899	\$540,016,122
Region: Interior	42,360	7.6%	\$1,933	\$315,270,562
Region: Mat-Su	37,417	6.7%	\$6,138	\$687,243,205
Region: Northern	51,953	9.3%	\$506	\$104,733,773
Region: Southeast	38,117	6.8%	\$1,503	\$208,027,247
Region: Southwest	61,240	10.9%	\$548	\$135,358,393
Region: Out of State	2,965	0.5%	\$1,080	\$26,240,310
Alaska 2022	560,735	100.0%	\$804	\$3,319,065,485
Alaska 2021	614,315	-	\$618	\$3,144,285,096
Alaska 2020	543,216	-	\$618	\$2,546,438,749



# OUTPATIENT LAB OR RADIOLOGY ONLY

## Outpatient Lab Or Radiology Only Chapter

### Outpatient Lab or Radiology Only Introduction

#### Diagnosis Aggregation

The 521,311 visits for this chapter were identified as other outpatient by the hospital and only had lab or radiology revenue codes (lab/radiology-only) in the billing detail. The specific lab/radiology revenue codes are listed in the appendix. If a record had both a lab/radiology revenue codes and a non-lab/radiology revenue code, then it would be included in the prior Outpatient Non-Emergency Department chapter.

The first table in this section categorizes each visit based on 23 [ICD-10-CM code groupings](#) using the principal diagnosis code. Factors influencing health status and contact with health services ([Z00-Z99](#)), were divided to display persons encountering health services for examinations ([Z00-Z13](#)) as a separate group from the other Z-codes. These ICD-10-CM groups are broader than the CCSR categories, so they provide a more comprehensive but less granular view of visits.

As in both the Inpatient and Emergency Department chapters, the second table in this section groups the 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.

## Data Highlights

- In 2022, hospitals billed \$465 million for 521,311 visits that were exclusively for lab or radiology services. The count of visits decreased 20% from 651,751 in 2021.
- The top ten 2022 outpatient lab/radiology-only major ICD-10-CM categories cover 452,407 (87%) of the total.
- The top ten outpatient lab/radiology-only CCSR diagnosis categories cover 241,795 (46%) of these total visits.
- The number one CCSR category in this chapter is *exposure, encounters, screening or contact with infectious disease* at 17% (89,084 of 521,311 visits) and within that category, the top three specific ICD-10-CM principal diagnoses are:
  - Contact with and (suspected) exposure to COVID-19 (70,097 visits)
  - Encounter for screening for COVID-19 (9,478 visits)
  - Encounter for screening for other viral diseases (3,104 visits)
- Contact with and (suspected) exposure to COVID-19 included 70,097 visits in 2022, a decrease of 61% from 182,216 in 2021.
- The 2022 median charge for the lab/radiology-only visits was \$428 which is up 69% from the 2021 median of \$253.
- Visits by women account for 62% of the encounters in this chapter.

2022 Alaska Public Health Regions Major Leading Causes of Outpatient Lab/Radiology-Only Visits

Table 61. Outpatient Lab/Radiology-Only Visits Top Ten Major ICD-10-CM Code Ranges

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Persons encountering health services for examinations 34,276 (20.4%)	Persons encountering health services for examinations 16,418 (20.4%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 14,927 (17.6%)	Persons encountering health services for examinations 5,831 (16.3%)	Factors influencing health status and contact with health services [except examinations] 20,999 (47.1%)	Factors influencing health status and contact with health services [except examinations] 24,553 (32.0%)	Persons encountering health services for examinations 6,302 (27.6%)	Factors influencing health status and contact with health services [except examinations] 98,973 (19.0%)
2	Factors influencing health status and contact with health services [except examinations] 29,197 (17.4%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 11,510 (14.3%)	Persons encountering health services for examinations 10,812 (12.8%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 5,642 (15.8%)	COVID-19 3,971 (8.9%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 13,892 (18.1%)	Factors influencing health status and contact with health services [except examinations] 3,070 (13.5%)	Persons encountering health services for examinations 86,340 (16.6%)
3	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 24,330 (14.5%)	Diseases of the musculoskeletal system and connective tissue 10,384 (12.9%)	Endocrine, nutritional and metabolic diseases 9,273 (10.9%)	Diseases of the genitourinary system 3,567 (10.0%)	Persons encountering health services for examinations 3,431 (7.7%)	Persons encountering health services for examinations 8,499 (11.1%)	Diseases of the respiratory system 2,337 (10.2%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 75,991 (14.6%)
4	Endocrine, nutritional and metabolic diseases 14,350 (8.5%)	Factors influencing health status and contact with health services [except examinations] 7,690 (9.6%)	Diseases of the musculoskeletal system and connective tissue 9,089 (10.7%)	Factors influencing health status and contact with health services [except examinations] 3,353 (9.4%)	Diseases of the respiratory system 3,019 (6.8%)	Diseases of the musculoskeletal system and connective tissue 6,543 (8.5%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 2,121 (9.3%)	Diseases of the musculoskeletal system and connective tissue 42,618 (8.2%)



Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
5	Diseases of the musculoskeletal system and connective tissue 10,010 (6.0%)	Endocrine, nutritional and metabolic diseases 7,625 (9.5%)	Neoplasms 8,031 (9.5%)	Diseases of the musculoskeletal system and connective tissue 2,766 (7.7%)	Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified 2,774 (6.2%)	Endocrine, nutritional and metabolic diseases 4,724 (6.2%)	Diseases of the musculoskeletal system and connective tissue 1,631 (7.2%)	Endocrine, nutritional and metabolic diseases 41,512 (8.0%)
6	Diseases of the genitourinary system 8,226 (4.9%)	Diseases of the genitourinary system 4,685 (5.8%)	Factors influencing health status and contact with health services [except examinations] 7,661 (9.0%)	Endocrine, nutritional and metabolic diseases 2,602 (7.3%)	Endocrine, nutritional and metabolic diseases 1,849 (4.1%)	Diseases of the circulatory system 3,460 (4.5%)	Diseases of the genitourinary system 1,476 (6.5%)	Diseases of the genitourinary system 26,903 (5.2%)
7	COVID-19 8,108 (4.8%)	Diseases of the circulatory system 4,239 (5.3%)	Diseases of the circulatory system 4,843 (5.7%)	Neoplasms 2,012 (5.6%)	Diseases of the musculoskeletal system and connective tissue 1,794 (4.0%)	Diseases of the genitourinary system 2,971 (3.9%)	Endocrine, nutritional and metabolic diseases 864 (3.8%)	Neoplasms 23,360 (4.5%)
8	Diseases of the circulatory system 7,236 (4.3%)	Neoplasms 3,094 (3.8%)	Diseases of the genitourinary system 4,601 (5.4%)	Diseases of the circulatory system 1,741 (4.9%)	Diseases of the genitourinary system 1,116 (2.5%)	Neoplasms 2,010 (2.6%)	Neoplasms 732 (3.2%)	Diseases of the circulatory system 22,977 (4.4%)
9	Neoplasms 6,838 (4.1%)	Injury, poisoning, and certain other consequences of external causes 2,924 (3.6%)	COVID-19 2,168 (2.6%)	Injury, poisoning, and certain other consequences of external causes 1,703 (4.8%)	Diseases of the circulatory system 755 (1.7%)	Mental, Behavioral and Neurodevelopmental disorders 1,509 (2.0%)	Injury, poisoning, and certain other consequences of external causes 731 (3.2%)	COVID-19 17,824 (3.4%)
10	Diseases of the respiratory system 4,191 (2.5%)	Diseases of the digestive system 1,824 (2.3%)	Diseases of the respiratory system 2,159 (2.5%)	Diseases of the respiratory system 1,410 (3.9%)	Injury, poisoning, and certain other consequences of external causes 713 (1.6%)	Injury, poisoning, and certain other consequences of external causes 1,456 (1.9%)	Diseases of the circulatory system 560 (2.5%)	Diseases of the respiratory system 15,909 (3.1%)



2022 Alaska Public Health Regions CCSR Leading Causes of Lab/Radiology-Only Visits

Table 62. Outpatient Lab/Radiology-Only Visits Top Ten CCSR Categories

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Exposure, encounters, screening or contact with infectious disease 29,086 (17.3%)	Medical examination/evaluation 7,675 (9.5%)	Neoplasm-related encounters 5,003 (5.9%)	Medical examination/evaluation 3,706 (10.4%)	Exposure, encounters, screening or contact with infectious disease 19,474 (43.7%)	Exposure, encounters, screening or contact with infectious disease 21,926 (28.6%)	Exposure, encounters, screening or contact with infectious disease 3,961 (17.4%)	Exposure, encounters, screening or contact with infectious disease 89,084 (17.1%)
2	Medical examination/evaluation 14,309 (8.5%)	Exposure, encounters, screening or contact with infectious disease 5,548 (6.9%)	Exposure, encounters, screening or contact with infectious disease 4,708 (5.6%)	Exposure, encounters, screening or contact with infectious disease 1,809 (5.1%)	Coronavirus disease – 2019 (COVID-19) 3,974 (8.9%)	Respiratory signs and symptoms 5,568 (7.3%)	Medical examination/evaluation 3,314 (14.5%)	Medical examination/evaluation 37,812 (7.3%)
3	Coronavirus disease – 2019 (COVID-19) 8,135 (4.8%)	Neoplasm-related encounters 3,979 (4.9%)	Medical examination/evaluation 3,842 (4.5%)	Neoplasm-related encounters 1,107 (3.1%)	Other specified upper respiratory infections 2,107 (4.7%)	Neoplasm-related encounters 4,099 (5.4%)	Other specified upper respiratory infections 1,882 (8.3%)	Neoplasm-related encounters 21,655 (4.2%)
4	Respiratory signs and symptoms 6,284 (3.7%)	Musculoskeletal pain, not low back pain 3,007 (3.7%)	Musculoskeletal pain, not low back pain 3,682 (4.3%)	Abdominal pain and other digestive/abdominal signs and symptoms 1,055 (3.0%)	Medical examination/evaluation 1,371 (3.1%)	Medical examination/evaluation 3,374 (4.4%)	Urinary tract infections 616 (2.7%)	Coronavirus disease – 2019 (COVID-19) 17,923 (3.4%)
5	Neoplasm-related encounters 6,234 (3.7%)	Spondylopathies/spondyloarthritis (including infective) 2,590 (3.2%)	Thyroid disorders 2,676 (3.2%)	Urinary tract infections 1,053 (2.9%)	Uncomplicated pregnancy, delivery or puerperium 775 (1.7%)	Musculoskeletal pain, not low back pain 2,584 (3.4%)	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders) 489 (2.1%)	Respiratory signs and symptoms 17,688 (3.4%)

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
6	Abnormal findings without diagnosis 3,928 (2.3%)	Thyroid disorders 2,331 (2.9%)	Respiratory signs and symptoms 2,562 (3.0%)	Abnormal findings without diagnosis 970 (2.7%)	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders) 737 (1.7%)	Abnormal findings without diagnosis 1,711 (2.2%)	Abnormal findings without diagnosis 473 (2.1%)	Musculoskeletal pain, not low back pain 13,455 (2.6%)
7	Thyroid disorders 3,784 (2.3%)	Abnormal findings without diagnosis 2,157 (2.7%)	Abdominal pain and other digestive/abdomen signs and symptoms 2,504 (3.0%)	Musculoskeletal pain, not low back pain 888 (2.5%)	Neoplasm-related encounters 687 (1.5%)	Essential hypertension 1,581 (2.1%)	Coronavirus disease – 2019 (COVID-19) 471 (2.1%)	Abnormal findings without diagnosis 12,045 (2.3%)
8	Essential hypertension 3,340 (2.0%)	Abdominal pain and other digestive/abdomen signs and symptoms 2,025 (2.5%)	Abnormal findings without diagnosis 2,304 (2.7%)	Thyroid disorders 767 (2.1%)	Diabetes mellitus without complication 572 (1.3%)	Abdominal pain and other digestive/abdomen signs and symptoms 1,545 (2.0%)	Neoplasm-related encounters 447 (2.0%)	Thyroid disorders 11,358 (2.2%)
9	Diabetes mellitus without complication 2,983 (1.8%)	Essential hypertension 1,721 (2.1%)	Coronavirus disease – 2019 (COVID-19) 2,182 (2.6%)	Uncomplicated pregnancy, delivery or puerperium 716 (2.0%)	Abdominal pain and other digestive/abdomen signs and symptoms 536 (1.2%)	Coronavirus disease – 2019 (COVID-19) 1,280 (1.7%)	Spondylopathies/spondyloarthropathy (including infective) 413 (1.8%)	Abdominal pain and other digestive/abdomen signs and symptoms 10,778 (2.1%)
10	Other specified upper respiratory infections 2,806 (1.7%)	Osteoarthritis 1,639 (2.0%)	Spondylopathies/spondyloarthropathy (including infective) 1,935 (2.3%)	Genitourinary signs and symptoms 704 (2.0%)	Musculoskeletal pain, not low back pain 521 (1.2%)	Spondylopathies/spondyloarthropathy (including infective) 1,252 (1.6%)	Abdominal pain and other digestive/abdomen signs and symptoms 400 (1.8%)	Other specified upper respiratory infections 9,997 (1.9%)

## 2022 Outpatient Lab/Radiology-Only CCSR Categories with Examples of Diagnoses

Table 63. Outpatient Lab/Radiology-Only Visits Top Ten CCSR Categories with Top Three Principal Diagnoses

Rank	CCSR Diagnosis Category	ICD-10-CM Examples
1	Exposure, encounters, screening or contact with infectious disease 89,084 (17.1%)	Contact with and (suspected) exposure to COVID-19 (70,097) Encounter for screening for COVID-19 (9,478) Encounter for screening for other viral diseases (3,104)
2	Medical examination/evaluation 37,812 (7.3%)	Encounter for preprocedural laboratory examination (13,729) Encounter for other preprocedural examination (8,590) Encounter for general adult medical examination without abnormal findings (7,353)
3	Neoplasm-related encounters 21,655 (4.2%)	Encounter for screening mammogram for malignant neoplasm of breast (16,743) Encounter for screening for malignant neoplasm of colon (1,631) Encounter for screening for malignant neoplasm of cervix (1,345)
4	Coronavirus disease – 2019 (COVID-19) 17,923 (3.4%)	COVID-19 (17,824) Post COVID-19 condition, unspecified (99)
5	Respiratory signs and symptoms 17,688 (3.4%)	Cough, unspecified (8,916) Nasal congestion (2,842) Shortness of breath (1,849)
6	Musculoskeletal pain, not low back pain 13,455 (2.6%)	Pain in right knee (1,348) Pain in left knee (1,199) Pain in right shoulder (846)
7	Abnormal findings without diagnosis 12,045 (2.3%)	Other specified abnormal findings of blood chemistry (1,518) Other abnormal and inconclusive findings on diagnostic imaging of breast (1,319) Prediabetes (1,155)
8	Thyroid disorders 11,358 (2.2%)	Hypothyroidism, unspecified (6,264) Nontoxic single thyroid nodule (842) Nontoxic multinodular goiter (837)
9	Abdominal pain and other digestive/abdomen signs and symptoms 10,778 (2.1%)	Unspecified abdominal pain (2,911) Diarrhea, unspecified (1,732) Pelvic and perineal pain (891)
10	Other specified upper respiratory infections 9,997 (1.9%)	Acute pharyngitis, unspecified (7,019) Acute upper respiratory infection, unspecified (1,551) Acute nasopharyngitis [common cold] (764)

## 2022 Outpatient Lab/Radiology-Only Visits by Patient Characteristic

Table 64. All Outpatient Lab/Radiology-Only Visit Discharges

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	200,346	38.4%	\$387	\$185,374,100
Sex: Female	320,784	61.5%	\$453	\$279,667,747
Race: White	292,795	56.2%	\$465	\$267,023,960
Race: AI/AN	141,073	27.1%	\$274	\$127,707,533
Race: Asian/PI	27,182	5.2%	\$336	\$19,624,870
Race: Black	12,323	2.4%	\$339	\$10,706,546
Ethnicity: Hispanic	16,214	3.1%	\$373	\$13,839,039
Age Group: 00-14	47,581	9.1%	\$204	\$22,042,329
Age Group: 15-24	43,107	8.3%	\$297	\$30,512,570
Age Group: 25-34	64,266	12.3%	\$330	\$49,252,049
Age Group: 35-44	68,262	13.1%	\$401	\$57,440,349
Age Group: 45-54	65,202	12.5%	\$512	\$64,316,384
Age Group: 55-64	87,909	16.9%	\$538	\$92,791,884
Age Group: 65-74	90,507	17.4%	\$527	\$95,946,220
Age Group: 75+	54,383	10.4%	\$471	\$52,785,389
Payer: Medicare	135,270	25.9%	\$502	\$136,193,101
Payer: Medicaid	107,192	20.6%	\$331	\$86,340,721
Payer: Commercial	207,622	39.8%	\$432	\$176,691,586
Payer: Self Pay	41,152	7.9%	\$204	\$30,606,303
Payer: Other	30,072	5.8%	\$629	\$35,333,069
Region: Anchorage	168,679	32.4%	\$298	\$144,874,271
Region: Gulf Coast	80,882	15.5%	\$684	\$87,831,298
Region: Interior	84,824	16.3%	\$464	\$67,190,008
Region: Mat-Su	35,808	6.9%	\$817	\$54,225,589
Region: Northern	44,657	8.6%	\$325	\$32,911,381
Region: Southeast	76,969	14.8%	\$275	\$55,698,310
Region: Southwest	22,836	4.4%	\$224	\$18,877,999
Region: Out of State	5,923	1.1%	\$212	\$3,090,347
Alaska 2022	521,311	100.0%	\$428	\$465,165,242
Alaska 2021	651,751	-	\$253	\$484,784,816
Alaska 2020	561,155	-	\$248	\$413,113,536

**Table 65. #1 CCSR Category: Exposure, encounters, screening or contact with infectious disease (17.1% of All Outpatient Lab/Radiology-Only Visit Discharges)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	36,501	41.0%	\$164	\$8,786,445
Sex: Female	52,559	59.0%	\$200	\$12,355,822
Race: White	34,219	38.4%	\$164	\$6,693,872
Race: AI/AN	33,320	37.4%	\$200	\$7,046,989
Race: Asian/PI	5,070	5.7%	\$155	\$888,349
Race: Black	2,372	2.7%	\$164	\$414,641
Ethnicity: Hispanic	2,836	3.2%	\$164	\$602,442
Age Group: 00-14	12,167	13.7%	\$204	\$2,836,410
Age Group: 15-24	10,682	12.0%	\$200	\$3,035,170
Age Group: 25-34	14,227	16.0%	\$200	\$4,041,703
Age Group: 35-44	13,849	15.5%	\$200	\$3,531,497
Age Group: 45-54	10,475	11.8%	\$164	\$2,355,952
Age Group: 55-64	12,518	14.1%	\$164	\$2,636,073
Age Group: 65-74	8,983	10.1%	\$155	\$1,660,405
Age Group: 75+	6,183	6.9%	\$155	\$1,047,928
Payer: Medicare	14,428	16.2%	\$155	\$2,466,489
Payer: Medicaid	21,129	23.7%	\$200	\$5,315,822
Payer: Commercial	38,038	42.7%	\$200	\$9,492,378
Payer: Self Pay	12,334	13.8%	\$105	\$2,551,472
Payer: Other	3,155	3.5%	\$250	\$1,318,977
Region: Anchorage	29,086	32.7%	\$204	\$6,338,576
Region: Gulf Coast	5,548	6.2%	\$155	\$1,490,260
Region: Interior	4,708	5.3%	\$250	\$1,407,462
Region: Mat-Su	1,809	2.0%	\$200	\$690,982
Region: Northern	19,474	21.9%	\$105	\$5,948,806
Region: Southeast	21,926	24.6%	\$100	\$3,796,601
Region: Southwest	3,961	4.4%	\$200	\$738,634
Region: Out of State	2,127	2.4%	\$105	\$478,657
Alaska 2022	89,084	100.0%	\$200	\$21,145,138
Alaska 2021	213,462	-	\$198	\$49,381,239
Alaska 2020	183,428	-	\$192	\$36,165,810



# APPENDICES

## Appendices

### Appendix A: Health Facilities Submitting Data for 2022

**Table 66. 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	Arctic Surgery Center
Maniilaq Health Center	Creekside Surgery Center
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 Kenai (to CPH Sep 2022)
Providence Kodiak Island Medical Center	Surgery Center of Wasilla
Providence Seward Medical and Care Center	Susitna Surgery 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: Boroughs or Census Areas within each Alaska Public Health Region

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 67. 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: 2022 Alaska Public Health Regions Diagnosis Related Groups of Hospitalization**

**Table 68. Top Ten Diagnosis Related Group Categories: Statewide**

Rank	Anchorage	Gulf coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Normal newborn 1,414 (6.0%)	Normal newborn 414 (6.0%)	Psychoses 670 (10.5%)	Normal newborn 570 (6.9%)	Vaginal delivery without sterilization or D&C without CC/MCC 186 (5.2%)	Normal newborn 246 (5.0%)	Psychoses 272 (7.2%)	Normal newborn 3,478 (5.9%)
2	Vaginal delivery without sterilization or D&C without CC/MCC 1,278 (5.5%)	Vaginal delivery without sterilization or D&C without CC/MCC 343 (5.0%)	Vaginal delivery without sterilization or D&C without CC/MCC 582 (9.1%)	Vaginal delivery without sterilization or D&C without CC/MCC 494 (6.0%)	Psychoses 185 (5.2%)	Vaginal delivery without sterilization or D&C without CC/MCC 216 (4.4%)	Neonate with other significant problems 209 (5.6%)	Vaginal delivery without sterilization or D&C without CC/MCC 3,241 (5.5%)
3	Septicemia or severe sepsis without MV >96 hours with MCC 1,204 (5.1%)	Neonate with other significant problems 226 (3.3%)	Normal newborn 526 (8.3%)	Septicemia or severe sepsis without MV >96 hours with MCC 448 (5.5%)	Neonate with other significant problems 162 (4.5%)	Neonate with other significant problems 208 (4.2%)	Principal diagnosis invalid as discharge diagnosis 203 (5.4%)	Psychoses 2,663 (4.6%)
4	Neonate with other significant problems 891 (3.8%)	Septicemia or severe sepsis without MV >96 hours with MCC 217 (3.2%)	Neonate with other significant problems 359 (5.6%)	Neonate with other significant problems 292 (3.6%)	Normal newborn 159 (4.4%)	Septicemia or severe sepsis without MV >96 hours with MCC 200 (4.0%)	Septicemia or severe sepsis without MV >96 hours with MCC 143 (3.8%)	Septicemia or severe sepsis without MV >96 hours with MCC 2,496 (4.3%)
5	Psychoses 850 (3.6%)	Major hip and knee joint replacement or reattachment of lower extremity without MCC 191 (2.8%)	Depressive neuroses 146 (2.3%)	Psychoses 253 (3.1%)	Alcohol, drug abuse or dependence without rehabilitation therapy without MCC 116 (3.2%)	Psychoses 170 (3.4%)	Normal newborn 138 (3.7%)	Neonate with other significant problems 2,356 (4.0%)
6	Alcohol, drug abuse or dependence without rehabilitation therapy without MCC 478 (2.0%)	Psychoses 180 (2.6%)	Vaginal delivery without sterilization or D&C with CC 130 (2.0%)	Heart failure and shock with MCC 153 (1.9%)	Miscellaneous disorders of nutrition, metabolism, fluids and electrolytes without MCC 68 (1.9%)	Alcohol, drug abuse or dependence without rehabilitation therapy without MCC 130 (2.6%)	Vaginal delivery without sterilization or D&C without CC/MCC 133 (3.5%)	Alcohol, drug abuse or dependence without rehabilitation therapy without MCC 1,151 (2.0%)

Rank	Anchorage	Gulf coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
7	Septicemia or severe sepsis without MV >96 hours without MCC 440 (1.9%)	Heart failure and shock with MCC 174 (2.5%)	Septicemia or severe sepsis without MV >96 hours with MCC 126 (2.0%)	Cesarean section without sterilization without CC/MCC 153 (1.9%)	Poisoning and toxic effects of drugs without MCC 68 (1.9%)	Respiratory infections and inflammations with MCC 108 (2.2%)	Vaginal delivery without sterilization or D&C with MCC 74 (2.0%)	Vaginal delivery without sterilization or D&C with CC 1,045 (1.8%)
8	Vaginal delivery without sterilization or D&C with CC 430 (1.8%)	Respiratory infections and inflammations with MCC 127 (1.8%)	Cesarean section without sterilization without CC/MCC 116 (1.8%)	Vaginal delivery without sterilization or D&C with CC 147 (1.8%)	Septicemia or severe sepsis without MV >96 hours with MCC 67 (1.9%)	Major hip and knee joint replacement or reattachment of lower extremity without MCC 91 (1.8%)	Vaginal delivery without sterilization or D&C with CC 67 (1.8%)	Heart failure and shock with MCC 979 (1.7%)
9	Heart failure and shock with MCC 415 (1.8%)	Vaginal delivery without sterilization or D&C with CC 118 (1.7%)	Respiratory infections and inflammations with MCC 101 (1.6%)	Respiratory infections and inflammations with MCC 134 (1.6%)	Vaginal delivery without sterilization or D&C with CC 63 (1.8%)	Vaginal delivery without sterilization or D&C with CC 89 (1.8%)	Cellulitis without MCC 66 (1.8%)	Respiratory infections and inflammations with MCC 924 (1.6%)
10	Pulmonary edema and respiratory failure 356 (1.5%)	Alcohol, drug abuse or dependence without rehabilitation therapy without MCC 115 (1.7%)	Alcohol, drug abuse or dependence without rehabilitation therapy without MCC 97 (1.5%)	Septicemia or severe sepsis without MV >96 hours without MCC 128 (1.6%)	Cellulitis without MCC 59 (1.6%)	Heart failure and shock with MCC 80 (1.6%)	Alcohol, drug abuse or dependence without rehabilitation therapy without MCC 66 (1.8%)	Septicemia or severe sepsis without MV >96 hours without MCC 892 (1.5%)

## Appendix D: Outpatient Laboratory and Radiology Revenue Codes

Table 69. 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 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.