

Alaska Health Facilities Data Reporting Program 2021 Annual Report



Alaska Department of Health

Division of Public Health

Health Analytics and Vital Records



Alaska Health Facilities Data Reporting Program 2021 Annual Report

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Updated December 5, 2022



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PURPOSE OF THIS REPORT

The Alaska Health Facilities Data Reporting (HFDR) Program 2021 Annual Report contains information about the program and summary information about health conditions and billed charges from inpatient stays, emergency department visits, outpatient surgery procedures, and other outpatient visits. This report provides the public with descriptive statistics about health facility usage in the state of Alaska.

Preparation

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The HFDR Annual Reports and additional publications are available online at:
<https://health.alaska.gov/dph/VitalStats/Pages/data/default.aspx>

The HFDR Program Guidelines are available online at:
<https://health.alaska.gov/dph/VitalStats/Pages/HFDR/default.aspx>

Acknowledgments

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

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

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

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

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EXECUTIVE SUMMARY

2021 Facility Discharge Counts Summary

Table 1. Discharges by Patient Characteristic¹

Characteristic	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient Other	Outpatient Lab or Radiology
Sex: Male	26,067	114,616	39,857	217,249	258,294
Sex: Female	31,611	129,589	44,688	312,300	393,244
Race: White	30,875	108,310	49,140	176,899	321,832
Race: AI/AN	15,489	87,145	12,085	298,909	212,587
Race: Asian/PI	3,785	14,588	3,591	10,153	28,289
Race: Black	1,865	10,815	2,049	5,912	14,455
Ethnicity: Hispanic	1,982	10,698	2,230	12,463	20,223
Age Group: 00-14	9,475	31,696	4,918	59,792	72,088
Age Group: 15-24	4,407	33,133	4,033	51,011	62,907
Age Group: 25-34	8,397	43,901	6,626	70,258	88,106
Age Group: 35-44	6,049	37,362	9,990	62,800	87,639
Age Group: 45-54	5,099	28,705	13,819	58,929	81,649
Age Group: 55-64	7,961	30,894	19,592	83,623	106,721
Age Group: 65-74	8,631	22,500	17,865	88,414	97,418
Age Group: 75+	7,701	16,044	7,669	54,825	55,155
Payer: Medicare	16,546	41,135	22,081	139,007	140,200
Payer: Medicaid	19,211	102,056	14,205	136,757	144,134
Payer: Commercial	14,195	57,877	32,326	155,331	262,005
Payer: Self Pay	3,310	19,796	3,708	72,684	68,153
Payer: Other	4,461	23,450	12,244	25,956	37,211
Region: Anchorage	23,164	100,027	36,785	205,953	230,168
Region: Gulf Coast	7,218	22,006	11,896	90,766	79,680
Region: Interior	6,309	27,529	7,245	35,435	89,889
Region: Mat-Su	8,195	27,924	16,496	21,680	41,661
Region: Northern	3,533	17,283	2,061	63,650	64,569
Region: Southeast	5,025	21,171	6,690	55,184	103,498
Region: Southwest	3,201	21,170	2,930	53,860	34,657
Region: Out of State	1,054	6,898	438	2,957	6,564
Alaska 2021	57,723	244,319	84,565	529,750	651,751
Alaska 2020	55,513	223,841	89,972	453,244	561,155
Alaska 2019	59,851	293,003	85,272	579,704	388,153

¹A 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. 2021 Facility Billed Charges Summary¹

Characteristic	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient Other	Outpatient Lab or Radiology
Sex: Male	\$2,587,748,482	\$542,348,841	\$887,560,374	\$591,781,428	\$194,668,899
Sex: Female	\$2,353,194,998	\$634,789,780	\$900,024,565	\$764,474,553	\$290,026,787
Race: White	\$2,825,353,721	\$599,940,079	\$1,127,549,763	\$720,146,685	\$262,030,321
Race: AI/AN	\$1,076,727,796	\$350,172,316	\$218,237,466	\$475,600,097	\$143,838,359
Race: Asian/PI	\$374,591,501	\$72,604,360	\$66,283,877	\$52,695,938	\$19,271,985
Race: Black	\$182,610,401	\$51,788,030	\$41,628,042	\$30,720,998	\$10,713,400
Ethnicity: Hispanic	\$169,349,938	\$51,894,153	\$47,404,042	\$42,904,213	\$13,867,414
Age Group: 00-14	\$485,138,095	\$79,417,573	\$82,740,154	\$67,786,019	\$25,837,963
Age Group: 15-24	\$232,937,064	\$134,230,128	\$87,249,727	\$81,820,041	\$33,584,064
Age Group: 25-34	\$451,161,156	\$195,747,107	\$145,658,388	\$127,993,560	\$53,729,430
Age Group: 35-44	\$482,706,908	\$184,829,344	\$222,732,274	\$147,923,674	\$61,588,589
Age Group: 45-54	\$566,438,282	\$156,887,043	\$277,053,996	\$160,258,619	\$66,389,228
Age Group: 55-64	\$921,805,705	\$176,547,912	\$415,344,872	\$282,662,077	\$97,770,673
Age Group: 65-74	\$1,033,134,585	\$141,540,221	\$388,406,909	\$302,015,728	\$94,290,536
Age Group: 75+	\$768,494,525	\$107,977,843	\$168,452,457	\$185,827,863	\$51,542,352
Payer: Medicare	\$1,792,456,400	\$257,016,094	\$493,647,301	\$495,254,322	\$132,674,274
Payer: Medicaid	\$1,504,310,023	\$437,444,731	\$289,706,702	\$292,478,465	\$92,526,616
Payer: Commercial	\$1,041,723,171	\$288,280,798	\$624,089,101	\$394,739,957	\$185,455,452
Payer: Self Pay	\$155,823,908	\$83,349,284	\$73,583,065	\$76,598,802	\$37,392,439
Payer: Other	\$447,569,155	\$111,351,300	\$306,919,316	\$97,255,442	\$36,723,687
Region: Anchorage	\$2,352,781,474	\$522,819,644	\$737,244,548	\$480,454,374	\$158,390,332
Region: Gulf Coast	\$551,853,076	\$118,446,556	\$255,086,140	\$255,508,981	\$81,854,431
Region: Interior	\$402,000,811	\$106,029,844	\$161,444,041	\$148,687,850	\$70,571,960
Region: Mat-Su	\$805,051,079	\$180,832,612	\$450,832,301	\$167,250,907	\$50,409,625
Region: Northern	\$193,672,482	\$57,505,802	\$41,101,838	\$80,468,277	\$38,636,158
Region: Southeast	\$282,293,961	\$92,687,259	\$76,495,785	\$125,358,996	\$59,678,104
Region: Southwest	\$246,175,990	\$64,390,310	\$53,781,468	\$85,002,349	\$21,510,757
Region: Out of State	\$105,799,525	\$33,712,091	\$11,553,445	\$13,242,445	\$3,275,327
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
Alaska 2019	\$4,359,570,214	\$1,138,494,410	\$1,380,882,710	\$1,265,443,566	\$402,579,212

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

Figure 1. Discharges by Month (2019-2021)

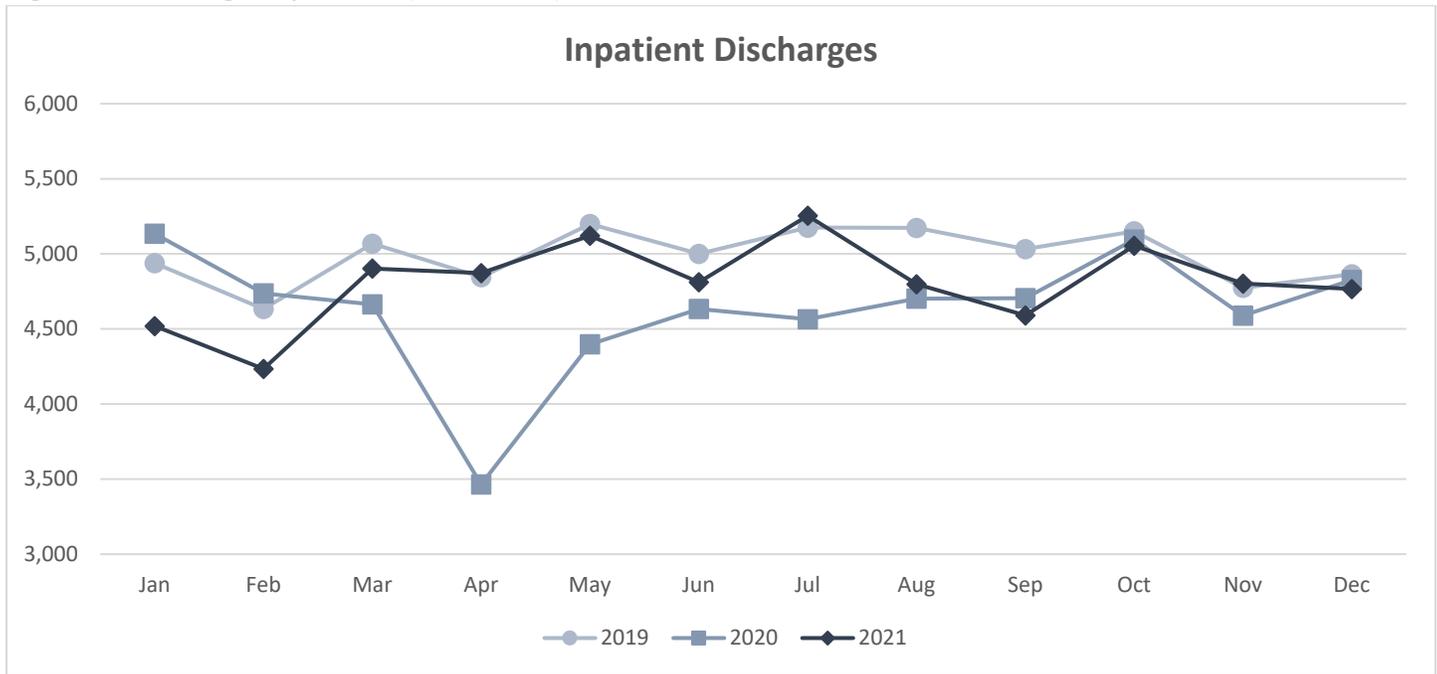


Table 3 Discharges by Month (2019-2021)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019	4,938	4,633	5,068	4,845	5,199	5,000	5,175	5,173	5,032	5,150	4,774	4,864
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

Figure 2. Outpatient Emergency Department Visits by Month (2019-2021)

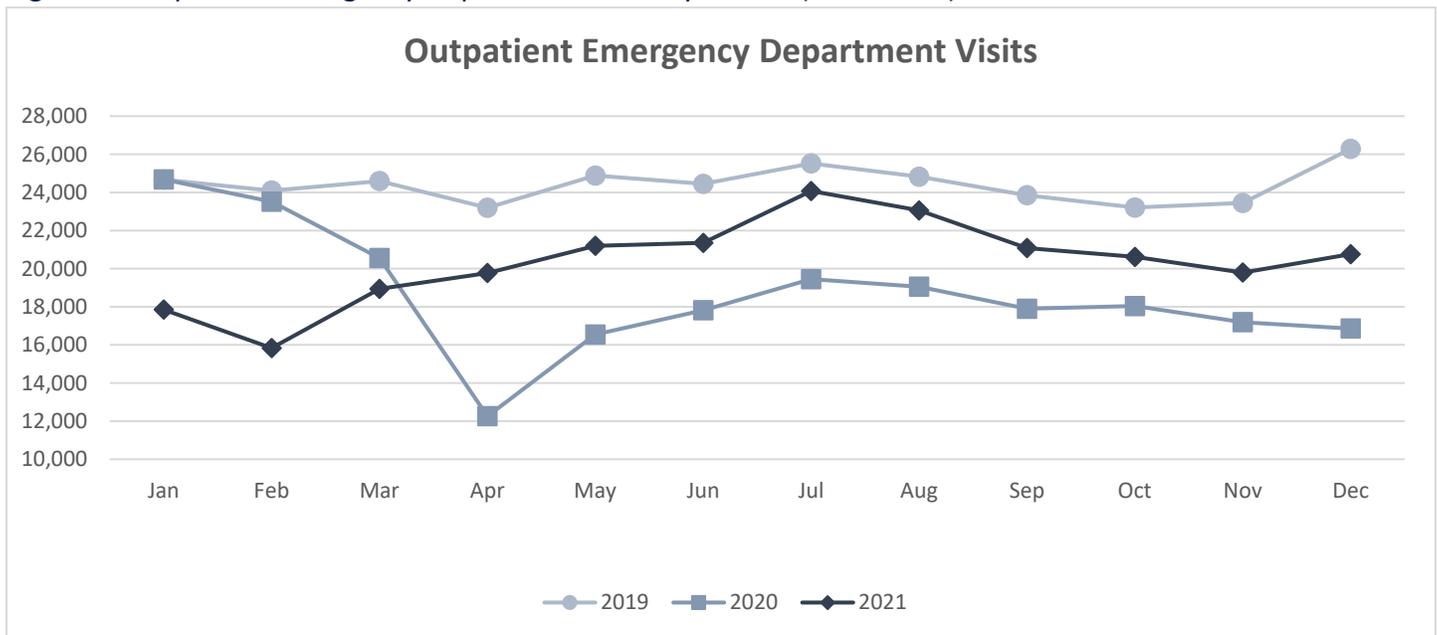


Table 4. Outpatient Emergency Department Visits by Month (2019-2021)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019	24,671	24,091	24,592	23,194	24,880	24,447	25,522	24,823	23,850	23,206	23,445	26,282
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

Figure 3. Outpatient All Other Discharges by Month (2019-2021)

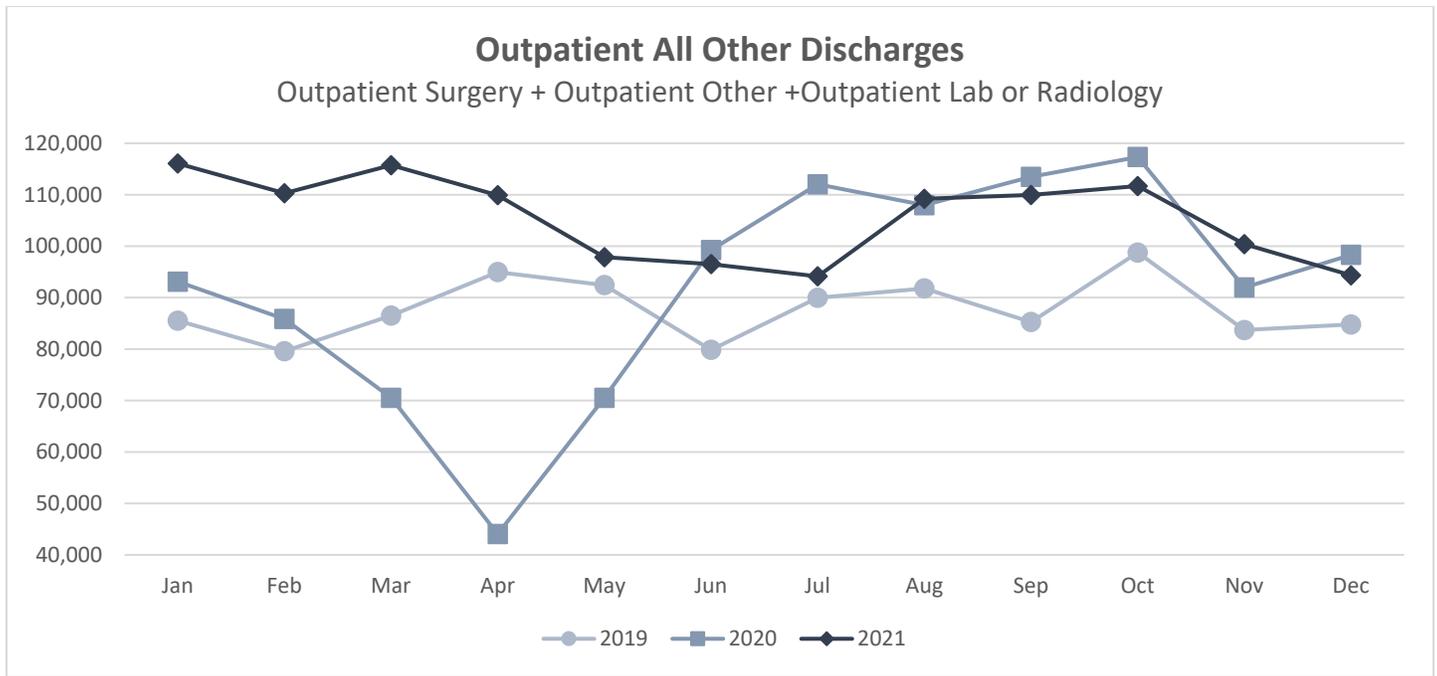


Table 5. Outpatient All Other Visits by Month (2019-2021)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019	85,518	79,578	86,517	94,975	92,429	79,855	89,978	91,784	85,266	98,763	83,690	84,776
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

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 2021.

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. The data do not include patient names. 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 almost 1.5 million discharge records for the years in this report, 2019 through 2021. In 2021, the dataset contains a total of 1,568,108 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 the 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.

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. Examples include topics related to mental health, substance misuse, injuries, and influenza.

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 2021 inpatient datasets contain approximately 58,000 discharge records with over 1.3 million itemized revenue records, and the outpatient

datasets contains over 1.5 million discharges with 6.2 million itemized revenue records.

The Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP) requested and received the 2021 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 34 states.

Quality Improvement

All 18 ambulatory surgical centers and 24 non-military hospitals submitted discharge data for 2021. These facilities are listed in Appendix A. Additionally, Wrangell Medical Center did not submit data for 2019, Sitka Community Hospital closed during 2019, Alaska Spine Center folded into Alaska Surgery Center during 2019, and Muldoon Ambulatory Surgery Center folded into ASC North.

In 2021, 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 the 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 10.8% of submitted records for 2020 to 10.7% for 2021. The outpatient error rate declined from 11.3% for 2020 to 10.4% for 2021.

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. Discharge counts in this report only count the first bill for an episode of service, visit or stay, regardless of the number of billing records for that episode. However, the billed charges shown are a sum of all the billed amounts for that episode; and the length of stay is the sum of all days stayed for the episode.
- Billed charges are used in analyses in this report and may differ significantly from what is ultimately paid and settled by insurance companies and other payers.
- 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). Hispanic/Latino ethnicity is displayed separately and is independent of race (includes peoples of any race).
- Regional reports are summarized by the patient's region of residence.
- 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.

DATA SOURCE

Alaska Department of Health, Division of Public Health, Health Analytics and Vital Records Section, Health Facilities Data Reporting Program, 2021v2, 2020v3, 2019v6 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 mortality and 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 regional 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

- Alaska hospitals reporting inpatient discharges to the HFDR program billed primary payers \$4.9 billion for almost 57,723 stays in 2021, comprising 342,433 days in the hospital. For perspective, the total HFDR *outpatient* billings were \$4.8 billion for 1.5 million visits.
- Overall, the number of inpatient stays increased by 4% in 2021, and inpatient billed charges increased by 13% in 2021.
- The top 10 Inpatient CCSR diagnosis categories, or the leading causes of hospitalization (LCOH), include 29,527 (or 51%) of the 57,723 total inpatient stays in 2021.
- Statewide, the top five LCOH summary for 2021 is as follows:
 - #1: Liveborn infants* - the median length of stay was two days, the median charge was \$5,784, and the most common primary payer was Commercial Insurance at 37%.
 - #2: Septicemia* - the median length of stay was five days, the median charge was \$74,245, and the most common primary payer was Medicare at 45%.
 - #3: Coronavirus disease – 2019 (COVID-19)* – - the median length of stay was six days, the median charge was \$64,005, and the most common primary payer was Medicare at 40%.
 - #4: Complications specified during childbirth* - The median length of stay was two days, the median charge was \$18,927, and the most common primary payer was Medicaid at 49%.
 - #5: Depressive disorders* - the median length of stay was six days, the median charge was \$46,004, and the most common primary payer was Medicare at 57%.
- Comparing the top ten LCOH by gender, the categories with the highest percentage of female patients, aside from diagnoses related to childbirth, were *depressive disorders* at 61% and *osteoarthritis* at 54% female. The categories with the highest percentage of male patients were *Schizophrenia spectrum and other psychotic disorders* at 63% *alcohol-related disorders* at 59% male, and *heart failure* at 58%.
- The LCOH for inpatients under age 1 was *liveborn infant*. For children ages 1 to 17 the LCOH was *depressive disorders*. For adults aged 18 to 34 the LCOH was *complications specified during childbirth*. For adults aged 35 to 64 the LCOH was *septicemia*. For adults aged 65 plus the LCOH was also *septicemia*. Note that in 2021, the COVID-19 CCSR category is ranked 2nd for inpatient hospitalization in both the 35 to 64 and 65-plus age groups.
- The most common inpatient *procedures* at Alaska hospitals are in the pregnancy-related CCSR procedure group. Pregnancy-related procedures are the leading CCSR group (*domain*) for 6 of the 7 Alaska regions. The top three CCSR procedure *categories* in the pregnancy-related domain are spontaneous vaginal delivery, cesarean section, and 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.
- Based on billing revenue codes, inpatient discharges that used the emergency room (ER) increased 11%. Discharges that used the operating room (OR) stayed steady. Discharges that used the intensive care unit (ICU) increased 4%.
- The ICD-10-CM diagnosis code for COVID-19 is U07.1 *Coronavirus disease-2019 (COVID-19)* and has its own CCSR category code of INF012. This falls within the *Certain Infectious and Parasitic Diseases (INF)* CCSR grouping which is the only group in the top ten LCOH that increased by a double-digit percentage, at 40%.
- The COVID-19 CCSR was the third leading cause of hospitalization statewide.
- COVID-19 CCSR was not in the top ten for age groups under 35 and was the second leading cause of inpatient discharge for age groups 35 and over.
- The average billed charge in 2021 for inpatient discharges with a COVID-19 diagnosis was \$142,095 which is up from \$119,579 in 2020, while the non-COVID-19 discharge average for 2021 was \$81,200 in 2021 which is up from \$77,744 in 2020. If a COVID-19 discharge used the ICU, the average billed charge for 2021 was \$222,389 with an average length of stay of 12.2 days, which is up from the 2020 average of \$173,932 with an average stay of 10.3 days. If the COVID-19 discharge did not use the ICU, the average charge in 2021 was \$55,829, which is up from the 2020 average of 52,142.

2021 Regional Leading Causes of Hospitalization

Table 6. Top Ten CCSR Category: Statewide

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	7,014	12.2%
2	Septicemia	3,892	6.8%
3	Coronavirus disease – 2019 (COVID-19)	2,630	4.6%
4	Complications specified during childbirth	1,774	3.1%
5	Depressive disorders	1,325	2.3%
6	Heart failure	1,317	2.3%
7	Alcohol-related disorders	1,286	2.2%
8	Osteoarthritis	1,123	1.9%
9	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	1,115	1.9%
10	Schizophrenia spectrum and other psychotic disorders	1,056	1.8%

Table 7. Top Ten CCSR Category: Anchorage Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	2,775	12.0%
2	Septicemia	1,939	8.4%
3	Coronavirus disease – 2019 (COVID-19)	859	3.7%
4	Complications specified during childbirth	679	2.9%
5	Heart failure	587	2.5%
6	Spondylopathies/spondyloarthropathy (including infective)	505	2.2%
7	Alcohol-related disorders	482	2.1%
8	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	408	1.8%
9	Acute myocardial infarction	406	1.8%
10	Depressive disorders	400	1.7%

Table 8. Top Ten CCSR Category: Gulf Coast Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	732	10.2%
2	Coronavirus disease – 2019 (COVID-19)	415	5.8%
3	Septicemia	359	5.0%
4	Osteoarthritis	296	4.1%
5	Heart failure	191	2.7%
6	Complications specified during childbirth	172	2.4%
7	Spondylopathies/spondyloarthropathy (including infective)	165	2.3%
8	Acute myocardial infarction	130	1.8%
9	Cerebral infarction	122	1.7%
10	Malposition, disproportion or other labor complications	120	1.7%

Table 9. Top Ten CCSR Category: Interior Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	1,060	16.9%
2	Coronavirus disease – 2019 (COVID-19)	342	5.4%
3	Depressive disorders	274	4.4%
4	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	210	3.3%
5	Complications specified during childbirth	205	3.3%
6	Osteoarthritis	190	3.0%
7	Schizophrenia spectrum and other psychotic disorders	173	2.8%
8	Septicemia	150	2.4%
9	Bipolar and related disorders	146	2.3%
10	Malposition, disproportion or other labor complications	119	1.9%

Table 10. Top Ten CCSR Category: Matanuska-Susitna Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	1,006	12.3%
2	Septicemia	790	9.7%
3	Coronavirus disease – 2019 (COVID-19)	514	6.3%
4	Complications specified during childbirth	268	3.3%
5	Acute myocardial infarction	177	2.2%
6	Heart failure	161	2.0%
7	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	161	2.0%
8	Depressive disorders	157	1.9%
9	Spondylopathies/spondyloarthropathy (including infective)	142	1.7%
10	Cerebral infarction	135	1.7%

Table 11. Top Ten CCSR Category: Northern Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	402	11.7%
2	Alcohol-related disorders	174	5.1%
3	Complications specified during childbirth	120	3.5%
4	Septicemia	106	3.1%
5	Depressive disorders	104	3.0%
6	Coronavirus disease – 2019 (COVID-19)	87	2.5%
7	Heart failure	85	2.5%
8	Chronic obstructive pulmonary disease and bronchiectasis	83	2.4%
9	Schizophrenia spectrum and other psychotic disorders	76	2.2%
10	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	72	2.1%

Table 12. Top Ten CCSR Category: Southeast Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	558	11.1%
2	Septicemia	319	6.4%
3	Alcohol-related disorders	233	4.7%
4	Coronavirus disease – 2019 (COVID-19)	197	3.9%
5	Complications specified during childbirth	140	2.8%
6	Depressive disorders	124	2.5%
7	Schizophrenia spectrum and other psychotic disorders	115	2.3%
8	Heart failure	111	2.2%
9	Cardiac dysrhythmias	103	2.1%
10	Diabetes mellitus with complication	93	1.9%

Table 13. Top Ten CCSR Category: Southwest Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	459	14.4%
2	Complications specified during childbirth	185	5.8%
3	Depressive disorders	157	4.9%
4	Schizophrenia spectrum and other psychotic disorders	122	3.8%
5	Septicemia	120	3.8%
6	Coronavirus disease – 2019 (COVID-19)	107	3.4%
7	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	105	3.3%
8	Skin and subcutaneous tissue infections	74	2.3%
9	Early or threatened labor	57	1.8%
10	Heart failure	52	1.6%

2021 Inpatient CCSR Categories with Examples of Diagnoses

Table 14. Top Ten CCSR Categories with Top Three Principal Diagnoses

Rank	CCSR Diagnosis Category	ICD-10-CM Examples
1	Liveborn 7,014 (12.2%)	Single liveborn infant, delivered vaginally (5,087) Single liveborn infant, delivered by cesarean (1,715) Twin liveborn infant, delivered by cesarean (108)
2	Septicemia 3,892 (6.7%)	Sepsis, unspecified organism (2,410) Other specified sepsis (576) Sepsis due to Escherichia coli [E. coli] (194)
3	Coronavirus disease – 2019 (COVID-19) 2,630 (4.6%)	Coronavirus disease-2019 (COVID-19) (2,630)
4	Complications specified during childbirth 1,774 (3.1%)	Streptococcus B carrier state complicating childbirth (362) Anemia complicating childbirth (253) Abnormality in fetal heart rate and rhythm complicating labor and delivery (173)
5	Depressive disorders 1,325 (2.3%)	Major depressive disorder, recurrent severe without psychotic features (529) Major depressive disorder, single episode, unspecified (260) Major depressive disorder, recurrent, severe with psychotic symptoms (155)
6	Heart failure 1,317 (2.3%)	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease (519) Hypertensive heart disease with heart failure (489) Acute on chronic systolic (congestive) heart failure (107)
7	Alcohol-related disorders 1,286 (2.2%)	Alcohol dependence with withdrawal, unspecified (595) Alcohol dependence with withdrawal delirium (210) Alcohol dependence with intoxication, unspecified (91)
8	Osteoarthritis 1,123 (1.9%)	Unilateral primary osteoarthritis, left knee (287) Unilateral primary osteoarthritis, right knee (281) Unilateral primary osteoarthritis, right hip (187)
9	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium 1,115 (1.9%)	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth (313) Severe pre-eclampsia complicating childbirth (175) Mild to moderate pre-eclampsia, complicating childbirth (155)
10	Schizophrenia spectrum and other psychotic disorders 1,056 (1.8%)	Schizophrenia, unspecified (229) Unspecified psychosis not due to a substance or known physiological condition (199) Schizoaffective disorder, bipolar type (187)

2021 Leading Causes of Hospitalization by Patient Characteristic

Table 15. All Inpatient Discharges

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	26,067	45.2%	\$52,742	\$2,587,748,482	3	171,766
Sex: Female	31,611	54.8%	\$37,466	\$2,353,194,998	3	170,549
Race: White	30,875	53.5%	\$51,322	\$2,825,353,721	3	183,552
Race: AI/AN	15,489	26.8%	\$33,326	\$1,076,727,796	3	90,099
Race: Asian/PI	3,785	6.6%	\$47,188	\$374,591,501	3	23,425
Race: Black	1,865	3.2%	\$53,854	\$182,610,401	3	12,125
Ethnicity: Hispanic	1,982	3.4%	\$41,838	\$169,349,938	3	10,766
Age Group: 00-14	9,475	16.4%	\$8,024	\$485,138,095	2	45,367
Age Group: 15-24	4,407	7.6%	\$28,926	\$232,937,064	3	21,881
Age Group: 25-34	8,397	14.5%	\$28,628	\$451,161,156	2	35,568
Age Group: 35-44	6,049	10.5%	\$42,017	\$482,706,908	3	32,342
Age Group: 45-54	5,099	8.8%	\$62,617	\$566,438,282	3	32,893
Age Group: 55-64	7,961	13.8%	\$69,898	\$921,805,705	4	53,936
Age Group: 65-74	8,631	15.0%	\$75,128	\$1,033,134,585	4	61,862
Age Group: 75+	7,701	13.3%	\$64,692	\$768,494,525	4	58,581
Payer: Medicare	16,546	28.7%	\$68,458	\$1,792,456,400	4	119,674
Payer: Medicaid	19,211	33.3%	\$35,410	\$1,504,310,023	3	117,797
Payer: Commercial	14,195	24.6%	\$33,606	\$1,041,723,171	2	64,297
Payer: Self Pay	3,310	5.7%	\$19,364	\$155,823,908	2	12,735
Payer: Other	4,461	7.7%	\$50,505	\$447,569,155	3	27,930
Region: Anchorage	23,164	40.1%	\$54,082	\$2,352,781,474	3	151,804
Region: Gulf Coast	7,218	12.5%	\$40,408	\$551,853,076	3	41,580
Region: Interior	6,309	10.9%	\$32,909	\$402,000,811	2	30,903
Region: Mat-Su	8,195	14.2%	\$56,047	\$805,051,079	3	43,891
Region: Northern	3,533	6.1%	\$22,772	\$193,672,482	2	16,444
Region: Southeast	5,025	8.7%	\$26,708	\$282,293,961	3	31,046
Region: Southwest	3,201	5.5%	\$25,533	\$246,175,990	3	19,394
Region: Out of State	1,054	1.8%	\$57,274	\$105,799,525	4	7,203
Alaska 2021	57,723	100.0%	\$43,573	\$4,941,882,656	3	342,433
Alaska 2020	55,513	-	\$40,904	\$4,383,973,536	3	313,643
Alaska 2019	59,851	-	\$37,983	\$4,359,570,214	3	334,808

Table 16. #1 CCSR Category: Liveborn Infant (12.2% of All Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	3,572	50.9%	\$6,617	\$145,192,046	2	14,213
Sex: Female	3,405	48.5%	\$5,056	\$149,012,869	2	13,429
Race: White	2,660	37.9%	\$4,915	\$74,158,176	2	8,249
Race: AI/AN	1,872	26.7%	\$8,634	\$60,901,030	2	6,806
Race: Asian/PI	430	6.1%	\$5,065	\$30,225,942	2	2,295
Race: Black	149	2.1%	\$5,650	\$9,120,863	2	757
Ethnicity: Hispanic	261	3.7%	\$4,836	\$13,190,696	2	1,125
Age Group: 00-14	7,014	100.0%	\$5,784	\$294,619,821	2	27,719
Payer: Medicaid	2,459	35.1%	\$6,042	\$156,776,545	2	12,738
Payer: Commercial	2,619	37.3%	\$4,836	\$84,456,377	2	8,662
Payer: Self Pay	1,327	18.9%	\$8,664	\$20,163,906	2	3,420
Payer: Other	609	8.7%	\$5,408	\$33,222,993	2	2,899
Region: Anchorage	2,775	39.6%	\$5,791	\$148,415,444	2	12,462
Region: Gulf Coast	732	10.4%	\$4,909	\$21,700,594	2	2,283
Region: Interior	1,060	15.1%	\$4,525	\$36,750,993	2	4,139
Region: Mat-Su	1,006	14.3%	\$6,472	\$26,947,222	2	2,959
Region: Northern	402	5.7%	\$8,869	\$21,536,260	2	1,895
Region: Southeast	558	8.0%	\$5,690	\$11,184,409	2	1,620
Region: Southwest	459	6.5%	\$8,932	\$26,168,163	2	2,250
Region: Out of State	18	0.3%	\$5,420	\$1,900,499	2	106
Alaska 2021	7,014	100.0%	\$5,784	\$294,619,821	2	27,719
Alaska 2020	7,065	-	\$5,271	\$259,937,671	2	27,221
Alaska 2019	7,354	-	\$5,033	\$263,514,479	2	28,759

Table 17. #2 CCSR Category: Septicemia (6.8% of All Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	1,979	52.0%	\$77,513	\$278,800,564	6	18,963
Sex: Female	1,827	48.0%	\$69,924	\$242,337,911	5	16,552
Race: White	2,130	56.0%	\$74,296	\$272,545,722	5	18,487
Race: AI/AN	983	25.8%	\$72,534	\$151,557,092	6	10,899
Race: Asian/PI	324	8.5%	\$83,820	\$49,033,434	5	2,888
Race: Black	131	3.4%	\$74,844	\$17,815,599	4	1,195
Ethnicity: Hispanic	122	3.2%	\$64,459	\$13,776,052	5	993
Age Group: 00-14	33	0.9%	\$34,179	\$3,678,526	4	239
Age Group: 15-24	119	3.1%	\$45,638	\$10,473,033	4	686
Age Group: 25-34	351	9.2%	\$64,219	\$47,413,455	4	3,018
Age Group: 35-44	431	11.3%	\$67,019	\$53,716,121	5	3,798
Age Group: 45-54	472	12.4%	\$78,619	\$71,966,225	5	4,646
Age Group: 55-64	767	20.2%	\$82,602	\$121,750,086	6	8,041
Age Group: 65-74	789	20.7%	\$84,267	\$117,812,603	6	7,866
Age Group: 75+	844	22.2%	\$69,861	\$94,328,427	6	7,221
Payer: Medicare	1,722	45.2%	\$77,365	\$230,266,223	6	16,886
Payer: Medicaid	1,246	32.7%	\$74,428	\$188,955,604	5	12,556
Payer: Commercial	528	13.9%	\$66,704	\$65,232,405	4	3,796
Payer: Self Pay	112	2.9%	\$61,830	\$14,703,673	5	899
Payer: Other	198	5.2%	\$72,885	\$21,980,570	5	1,378
Region: Anchorage	1,965	51.6%	\$81,935	\$293,314,372	6	20,212
Region: Gulf Coast	370	9.7%	\$56,807	\$36,854,044	4	2,972
Region: Interior	159	4.2%	\$67,928	\$21,049,160	4	1,307
Region: Mat-Su	680	17.9%	\$85,878	\$93,295,618	5	5,380
Region: Northern	115	3.0%	\$60,000	\$14,337,780	6	1,079
Region: Southeast	300	7.9%	\$40,081	\$27,462,184	4	2,272
Region: Southwest	153	4.0%	\$70,839	\$27,288,528	5	1,724
Region: Out of State	63	1.7%	\$74,132	\$7,461,320	6	565
Alaska 2020	3,806	100.0%	\$74,245	\$521,138,475	5	35,515
Alaska 2019	3,792	-	\$64,039	\$441,002,610	5	30,887
Alaska 2018	3,670	-	\$61,432	\$418,526,742	5	31,011

Table 18. #3 CCSR Category: Coronavirus disease – 2019 (COVID-19) (4.6% of All Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	1,459	55.5%	\$68,935	\$203,563,782	6	13,408
Sex: Female	1,170	44.5%	\$58,424	\$132,334,611	5	9,489
Race: White	1,521	57.8%	\$62,203	\$179,256,134	5	12,566
Race: AI/AN	569	21.6%	\$58,784	\$76,254,786	6	5,337
Race: Asian/PI	244	9.3%	\$84,121	\$37,701,443	7	2,427
Race: Black	74	2.8%	\$68,031	\$8,888,876	6	616
Ethnicity: Hispanic	128	4.9%	\$71,022	\$16,085,506	6	1,105
Age Group: 00-14	45	1.7%	\$20,199	\$1,637,106	2	148
Age Group: 15-24	39	1.5%	\$39,420	\$3,911,494	4	218
Age Group: 25-34	162	6.2%	\$65,267	\$21,991,017	5	1,208
Age Group: 35-44	291	11.1%	\$58,949	\$36,920,971	5	2,225
Age Group: 45-54	371	14.1%	\$64,063	\$59,279,355	6	3,278
Age Group: 55-64	621	23.6%	\$65,414	\$84,295,357	6	5,523
Age Group: 65-74	615	23.4%	\$74,175	\$78,927,076	7	6,076
Age Group: 75+	486	18.5%	\$61,249	\$49,008,141	6	4,230
Payer: Medicare	1,054	40.1%	\$68,796	\$125,163,334	6	9,813
Payer: Medicaid	500	19.0%	\$56,406	\$66,419,590	5	3,997
Payer: Commercial	702	26.7%	\$62,661	\$95,496,530	6	5,873
Payer: Self Pay	81	3.1%	\$66,661	\$14,915,795	6	781
Payer: Other	293	11.1%	\$62,945	\$33,975,268	5	2,442
Region: Anchorage	859	32.7%	\$85,557	\$140,565,765	7	8,866
Region: Gulf Coast	415	15.8%	\$53,042	\$41,561,412	6	3,430
Region: Interior	342	13.0%	\$58,483	\$29,610,798	5	2,421
Region: Mat-Su	514	19.5%	\$75,648	\$73,118,185	5	4,327
Region: Northern	87	3.3%	\$52,434	\$9,710,936	5	629
Region: Southeast	197	7.5%	\$35,566	\$13,786,021	4	1,218
Region: Southwest	107	4.1%	\$37,975	\$13,131,992	6	933
Region: Out of State	109	4.1%	\$72,594	\$14,485,408	6	1,082
Alaska 2021	2,630	100.0%	\$64,005	\$335,970,517	6	22,906
Alaska 2020	844	-	\$59,851	\$94,538,715	5	6,712

Table 19. #4 CCSR Category: Complications specified during childbirth (3.1% of All Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Female	1,773	99.9%	\$18,925	\$41,153,327	2	3,636
Race: White	795	44.8%	\$21,723	\$20,734,055	2	1,661
Race: AI/AN	564	31.8%	\$13,461	\$9,460,965	2	1,084
Race: Asian/PI	177	10.0%	\$20,597	\$4,564,774	2	367
Race: Black	61	3.4%	\$21,614	\$1,496,325	2	132
Ethnicity: Hispanic	88	5.0%	\$23,701	\$3,799,805	2	295
Age Group: 15-24	544	30.7%	\$18,476	\$11,785,361	2	1,098
Age Group: 25-34	989	55.7%	\$18,890	\$21,997,272	2	1,927
Age Group: 35-44	238	13.4%	\$21,737	\$7,326,272	2	606
Age Group: 45-54	3	0.2%	\$21,723	\$65,192	2	7
Payer: Medicare	8	0.5%	\$19,110	\$195,206	1	13
Payer: Medicaid	868	48.9%	\$17,770	\$20,064,349	2	1,820
Payer: Commercial	706	39.8%	\$20,608	\$16,689,534	2	1,439
Payer: Self Pay	75	4.2%	\$15,782	\$1,484,125	2	133
Payer: Other	117	6.6%	\$21,685	\$2,740,884	2	233
Region: Anchorage	679	38.3%	\$22,070	\$19,035,654	2	1,521
Region: Gulf Coast	172	9.7%	\$20,495	\$4,008,228	2	343
Region: Interior	205	11.6%	\$11,184	\$2,959,894	2	402
Region: Mat-Su	268	15.1%	\$26,911	\$8,031,206	2	478
Region: Northern	120	6.8%	\$15,726	\$2,305,173	2	233
Region: Southeast	140	7.9%	\$15,092	\$2,442,797	2	301
Region: Southwest	185	10.4%	\$8,354	\$2,287,703	2	350
Region: Out of State	5	0.3%	\$19,398	\$103,442	2	10
Alaska 2021	1,774	100.0%	\$18,927	\$41,174,098	2	3,638
Alaska 2020	1,858	-	\$17,949	\$40,539,981	2	3,829
Alaska 2019	1,952	-	\$17,631	\$40,787,275	2	4,136

Table 20. #5 CCSR Category: Depressive disorders (2.3% of All Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	523	39.5%	\$43,545	\$30,190,980	6	5,375
Sex: Female	802	60.5%	\$46,500	\$49,617,550	6	8,212
Race: White	607	45.8%	\$55,059	\$42,403,840	7	6,944
Race: AI/AN	556	42.0%	\$35,236	\$27,426,940	5	4,693
Race: Asian/PI	22	1.7%	\$42,989	\$1,194,287	6	158
Race: Black	40	3.0%	\$56,413	\$3,088,858	7	609
Ethnicity: Hispanic	58	4.4%	\$49,600	\$3,640,696	6	551
Age Group: 00-14	178	13.4%	\$60,450	\$13,111,144	15	3,004
Age Group: 15-24	509	38.4%	\$42,326	\$30,588,528	6	5,516
Age Group: 25-34	283	21.4%	\$42,415	\$15,148,486	5	2,334
Age Group: 35-44	148	11.2%	\$45,074	\$7,752,904	5	986
Age Group: 45-54	101	7.6%	\$51,668	\$5,634,354	6	691
Age Group: 55-64	67	5.1%	\$51,725	\$4,315,378	5	575
Age Group: 65-74	30	2.3%	\$54,317	\$2,238,491	7	364
Age Group: 75+	9	0.7%	\$86,656	\$1,019,245	10	117
Payer: Medicare	75	5.7%	\$46,004	\$5,591,684	6	797
Payer: Medicaid	755	57.0%	\$37,240	\$38,757,299	5	6,243
Payer: Commercial	312	23.5%	\$61,559	\$23,225,016	7	3,607
Payer: Self Pay	35	2.6%	\$22,592	\$1,502,002	4	409
Payer: Other	148	11.2%	\$63,341	\$10,732,528	13	2,531
Region: Anchorage	400	30.2%	\$64,636	\$31,393,652	9	4,919
Region: Gulf Coast	88	6.6%	\$39,000	\$4,921,265	6	920
Region: Interior	274	20.7%	\$31,909	\$12,824,242	4	2,440
Region: Mat-Su	157	11.8%	\$64,679	\$12,384,119	7	1,821
Region: Northern	104	7.8%	\$35,897	\$5,325,414	5	745
Region: Southeast	124	9.4%	\$23,346	\$5,353,462	5	1,199
Region: Southwest	157	11.8%	\$24,800	\$6,068,340	5	1,189
Region: Out of State	20	1.5%	\$48,151	\$1,511,036	7	327
Alaska 2021	1,325	100.0%	\$46,004	\$79,808,530	6	13,587
Alaska 2020	1,280	-	\$39,779	\$71,237,398	7	13,116
Alaska 2019	1,226	-	\$41,208	\$67,238,318	7	12,867

Table 21. #6 CCSR Category: Heart failure (2.3% of All Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	762	57.9%	\$61,140	\$66,781,627	4	4,909
Sex: Female	555	42.1%	\$54,946	\$45,325,767	4	3,416
Race: White	754	57.3%	\$62,834	\$68,182,359	4	4,912
Race: AI/AN	355	27.0%	\$47,736	\$26,565,207	4	2,169
Race: Asian/PI	105	8.0%	\$65,784	\$8,803,534	4	544
Race: Black	56	4.3%	\$65,697	\$5,614,188	4	467
Ethnicity: Hispanic	33	2.5%	\$64,534	\$3,135,098	6	214
Age Group: 00-14	4	0.3%	\$73,007	\$313,767	6	40
Age Group: 15-24	7	0.5%	\$73,510	\$499,782	5	28
Age Group: 25-34	52	3.9%	\$52,525	\$3,534,397	4	286
Age Group: 35-44	80	6.1%	\$70,401	\$7,191,021	5	476
Age Group: 45-54	154	11.7%	\$60,745	\$13,294,817	4	873
Age Group: 55-64	228	17.3%	\$62,660	\$19,588,553	4	1,321
Age Group: 65-74	315	23.9%	\$58,670	\$28,712,086	4	2,071
Age Group: 75+	477	36.2%	\$54,595	\$38,972,971	4	3,230
Payer: Medicare	753	57.2%	\$56,060	\$64,123,736	4	4,755
Payer: Medicaid	328	24.9%	\$58,059	\$27,090,489	4	1,930
Payer: Commercial	96	7.3%	\$65,500	\$7,851,351	4	487
Payer: Self Pay	48	3.6%	\$64,817	\$4,044,206	4	478
Payer: Other	92	7.0%	\$71,297	\$8,997,612	5	675
Region: Anchorage	587	44.6%	\$68,966	\$59,202,219	5	4,499
Region: Gulf Coast	191	14.5%	\$42,032	\$12,947,811	4	1,037
Region: Interior	101	7.7%	\$43,383	\$6,356,225	3	485
Region: Mat-Su	161	12.2%	\$78,470	\$17,558,125	4	871
Region: Northern	85	6.5%	\$32,853	\$5,308,660	3	499
Region: Southeast	111	8.4%	\$30,857	\$5,190,316	4	553
Region: Southwest	52	3.9%	\$36,981	\$3,176,941	4	269
Region: Out of State	29	2.2%	\$42,787	\$2,367,097	3	112
Alaska 2021	1,317	100.0%	\$58,142	\$112,107,394	4	8,325
Alaska 2020	1,280	-	\$58,012	\$109,169,621	4	8,018
Alaska 2019	1,352	-	\$49,905	\$106,501,820	4	8,348

Table 22. #7 CCSR Category: Alcohol-related disorders (2.2% of All Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	762	59.3%	\$34,962	\$41,419,688	3	4,506
Sex: Female	524	40.7%	\$31,000	\$21,877,746	3	2,425
Race: White	518	40.3%	\$40,300	\$29,026,434	4	3,713
Race: AI/AN	654	50.9%	\$28,718	\$28,136,378	3	2,626
Race: Asian/PI	8	0.6%	\$38,556	\$332,667	2	22
Race: Black	15	1.2%	\$34,858	\$688,489	5	74
Ethnicity: Hispanic	28	2.2%	\$26,289	\$872,523	3	128
Age Group: 15-24	33	2.6%	\$31,000	\$1,364,685	3	212
Age Group: 25-34	281	21.9%	\$27,900	\$11,242,609	3	1,315
Age Group: 35-44	379	29.5%	\$29,633	\$16,582,610	3	1,646
Age Group: 45-54	265	20.6%	\$38,247	\$13,639,576	3	1,529
Age Group: 55-64	239	18.6%	\$38,910	\$12,849,402	4	1,434
Age Group: 65-74	74	5.8%	\$46,454	\$6,924,293	4	708
Age Group: 75+	15	1.2%	\$25,444	\$694,259	4	87
Payer: Medicare	128	10.0%	\$43,010	\$9,239,990	3	1,039
Payer: Medicaid	854	66.4%	\$32,446	\$39,061,846	3	3,812
Payer: Commercial	138	10.7%	\$36,929	\$6,244,979	3	681
Payer: Self Pay	85	6.6%	\$24,404	\$3,150,574	2	281
Payer: Other	81	6.3%	\$48,763	\$5,600,044	7	1,118
Region: Anchorage	482	37.5%	\$45,016	\$31,987,352	4	3,463
Region: Gulf Coast	113	8.8%	\$28,321	\$4,754,886	3	573
Region: Interior	96	7.5%	\$34,124	\$4,402,697	2	370
Region: Mat-Su	105	8.2%	\$43,400	\$6,270,301	3	582
Region: Northern	174	13.5%	\$23,093	\$5,438,861	2	544
Region: Southeast	233	18.1%	\$19,792	\$6,981,892	3	1,022
Region: Southwest	43	3.3%	\$19,945	\$1,600,775	3	179
Region: Out of State	38	3.0%	\$32,967	\$1,707,777	3	171
Alaska 2021	1,286	100.0%	\$33,808	\$63,297,433	3	6,931
Alaska 2020	1,156	-	\$34,111	\$51,501,613	3	6,545
Alaska 2019	1,055	-	\$30,774	\$49,654,065	3	6,271

Table 23. #8 CCSR Category: Osteoarthritis (1.9% of All Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	513	45.7%	\$85,616	\$55,362,503	2	1,089
Sex: Female	610	54.3%	\$84,034	\$61,913,079	2	1,407
Race: White	745	66.3%	\$104,159	\$84,212,999	2	1,681
Race: AI/AN	276	24.6%	\$70,655	\$20,100,269	2	569
Race: Asian/PI	20	1.8%	\$120,133	\$2,175,487	2	43
Race: Black	26	2.3%	\$137,967	\$3,899,197	2	57
Ethnicity: Hispanic	26	2.3%	\$138,296	\$4,025,764	2	72
Age Group: 25-34	6	0.5%	\$67,247	\$361,468	2	12
Age Group: 35-44	18	1.6%	\$74,191	\$1,754,833	2	35
Age Group: 45-54	90	8.0%	\$79,140	\$9,476,288	2	196
Age Group: 55-64	328	29.2%	\$76,518	\$29,790,598	2	605
Age Group: 65-74	470	41.9%	\$102,949	\$53,248,150	2	1,071
Age Group: 75+	211	18.8%	\$87,041	\$22,644,244	2	577
Payer: Medicare	600	53.4%	\$95,044	\$66,210,898	2	1,439
Payer: Medicaid	132	11.8%	\$76,913	\$12,528,592	2	263
Payer: Commercial	230	20.5%	\$78,165	\$21,186,766	2	455
Payer: Self Pay	35	3.1%	\$71,199	\$2,609,245	2	74
Payer: Other	126	11.2%	\$120,358	\$14,740,081	2	265
Region: Anchorage	378	33.7%	\$130,424	\$50,306,484	2	887
Region: Gulf Coast	296	26.4%	\$81,397	\$27,854,085	2	598
Region: Interior	190	16.9%	\$61,112	\$14,494,232	2	426
Region: Mat-Su	81	7.2%	\$135,083	\$11,067,981	2	172
Region: Northern	42	3.7%	\$71,390	\$2,883,910	2	88
Region: Southeast	89	7.9%	\$65,248	\$6,547,754	2	202
Region: Southwest	44	3.9%	\$72,728	\$3,760,192	2	99
Region: Out of State	3	0.3%	\$125,364	\$360,942	11	24
Alaska 2021	1,123	100.0%	\$84,865	\$117,275,582	2	2,496
Alaska 2020	1,419	-	\$106,501	\$155,819,790	2	2,981
Alaska 2019	1,758	-	\$100,667	\$183,171,345	2	3,971

Table 24. #9 CCSR Category: Hypertension and hypertensive-related conditions complicating pregnancy, childbirth, and the puerperium (1.9% of All Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Female	1,115	100.0%	\$29,221	\$43,681,504	3	3,920
Race: White	557	50.0%	\$30,718	\$21,605,975	3	1,901
Race: AI/AN	353	31.7%	\$24,389	\$12,801,894	3	1,228
Race: Asian/PI	87	7.8%	\$33,907	\$4,188,846	3	351
Race: Black	34	3.0%	\$28,525	\$1,311,898	3	117
Ethnicity: Hispanic	41	3.7%	\$34,606	\$2,030,807	3	153
Age Group: 15-24	243	21.8%	\$29,436	\$9,014,287	3	812
Age Group: 25-34	617	55.3%	\$28,179	\$24,078,394	3	2,193
Age Group: 35-44	251	22.5%	\$30,706	\$10,387,968	3	896
Age Group: 45-54	4	0.4%	\$49,394	\$200,855	5	19
Payer: Medicare	1	0.1%	\$30,738	\$30,738	3	3
Payer: Medicaid	467	41.9%	\$29,658	\$19,198,919	3	1,724
Payer: Commercial	517	46.4%	\$28,291	\$19,791,844	3	1,796
Payer: Self Pay	45	4.0%	\$27,789	\$1,585,643	2	119
Payer: Other	85	7.6%	\$31,105	\$3,074,360	3	278
Region: Anchorage	408	36.6%	\$33,033	\$18,737,530	3	1,571
Region: Gulf Coast	92	8.3%	\$23,863	\$3,427,269	2	308
Region: Interior	210	18.8%	\$17,289	\$5,950,626	3	721
Region: Mat-Su	161	14.4%	\$39,171	\$6,921,402	2	479
Region: Northern	72	6.5%	\$24,951	\$2,514,922	2	221
Region: Southeast	64	5.7%	\$22,817	\$1,822,763	3	201
Region: Southwest	105	9.4%	\$25,858	\$4,195,109	3	409
Region: Out of State	3	0.3%	\$24,681	\$111,882	3	10
Alaska 2021	1,115	100.0%	\$29,221	\$43,681,504	3	3,920
Alaska 2020	1,034	-	\$26,282	\$35,437,864	3	3,237
Alaska 2019	1,084	-	\$27,171	\$38,361,455	3	3,681

Table 25. #10 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	662	62.7%	\$35,128	\$36,375,170	5	4,708
Sex: Female	394	37.3%	\$32,929	\$19,140,716	5	2,849
Race: White	403	38.2%	\$41,101	\$25,221,174	5	3,460
Race: AI/AN	467	44.2%	\$29,420	\$21,283,113	5	2,865
Race: Asian/PI	44	4.2%	\$37,984	\$2,392,742	6	322
Race: Black	68	6.4%	\$30,490	\$3,145,280	5	466
Ethnicity: Hispanic	35	3.3%	\$45,381	\$1,761,624	6	267
Age Group: 00-14	6	0.6%	\$43,096	\$429,947	13	127
Age Group: 15-24	219	20.7%	\$35,666	\$12,217,058	5	1,485
Age Group: 25-34	351	33.2%	\$32,712	\$17,966,173	5	2,401
Age Group: 35-44	238	22.5%	\$34,203	\$11,145,268	5	1,660
Age Group: 45-54	112	10.6%	\$23,002	\$4,085,222	5	802
Age Group: 55-64	103	9.8%	\$43,186	\$7,289,705	5	770
Age Group: 65-74	20	1.9%	\$43,023	\$1,697,436	9	269
Age Group: 75+	7	0.7%	\$63,235	\$685,077	4	43
Payer: Medicare	259	24.5%	\$48,291	\$17,202,411	7	2,885
Payer: Medicaid	594	56.3%	\$30,606	\$25,877,743	5	3,249
Payer: Commercial	87	8.2%	\$34,531	\$3,949,574	5	565
Payer: Self Pay	56	5.3%	\$14,789	\$1,582,237	7	503
Payer: Other	60	5.7%	\$70,297	\$6,903,921	4	355
Region: Anchorage	395	37.4%	\$30,122	\$21,676,090	5	2,828
Region: Gulf Coast	84	8.0%	\$26,232	\$3,449,783	5	574
Region: Interior	173	16.4%	\$50,702	\$12,315,437	6	1,382
Region: Mat-Su	64	6.1%	\$73,416	\$5,044,410	6	623
Region: Northern	76	7.2%	\$33,270	\$3,068,088	4	393
Region: Southeast	115	10.9%	\$25,583	\$4,028,441	5	898
Region: Southwest	122	11.6%	\$18,576	\$4,832,427	5	679
Region: Out of State	27	2.6%	\$36,633	\$1,101,210	6	180
Alaska 2021	1,056	100.0%	\$34,520	\$55,515,886	5	7,557
Alaska 2020	875	-	\$30,943	\$47,067,486	6	8,326
Alaska 2019	776	-	\$34,127	\$39,295,344	6	7,639

2021 Leading Causes of Hospitalization by Age Group

Table 26. Age Under 1 Year

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	7,014	89.1%
2	Hemolytic jaundice and perinatal jaundice	107	1.4%
3	Acute bronchitis	94	1.2%
4	Short gestation; low birth weight; and fetal growth retardation	68	0.9%
5	Other specified and unspecified perinatal conditions	56	0.7%
6	Respiratory distress syndrome	52	0.7%
7	Respiratory perinatal condition	34	0.4%
8	Perinatal infections	28	0.4%
9	Neonatal digestive and feeding disorders	24	0.3%
10	Other general signs and symptoms	24	0.3%

Table 27. Age 1 to 17

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Depressive disorders	383	16.5%
2	Trauma- and stressor-related disorders	111	4.8%
3	Suicidal ideation/attempt/intentional self-harm	86	3.7%
4	Neurodevelopmental disorders	82	3.5%
5	Appendicitis and other appendiceal conditions	71	3.0%
6	Diabetes mellitus with complication	66	2.8%
7	Acute bronchitis	65	2.8%
8	Epilepsy; convulsions	58	2.5%
9	Asthma	54	2.3%
10	Pneumonia (except that caused by tuberculosis)	50	2.1%

Table 28. Age 18 to 34

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Complications specified during childbirth	1,511	12.6%
2	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	846	7.0%
3	Depressive disorders	587	4.9%
4	Malposition, disproportion or other labor complications	563	4.7%
5	Schizophrenia spectrum and other psychotic disorders	552	4.6%
6	Prolonged pregnancy	498	4.1%
7	Septicemia	483	4.0%
8	Uncomplicated pregnancy, delivery or puerperium	476	4.0%
9	Previous C-section	439	3.7%
10	Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	419	3.5%

Table 29. Age 35 to 64

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Septicemia	1,779	9.3%
2	Coronavirus disease – 2019 (COVID-19)	1,283	6.7%
3	Alcohol-related disorders	883	4.6%
4	Spondylopathies/spondyloarthropathy (including infective)	571	3.0%
5	Heart failure	462	2.4%
6	Schizophrenia spectrum and other psychotic disorders	453	2.4%
7	Acute myocardial infarction	446	2.3%
8	Osteoarthritis	436	2.3%
9	Diabetes mellitus with complication	403	2.1%
10	Skin and subcutaneous tissue infections	369	1.9%

Table 30. Age Over 64

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Septicemia	1,590	9.8%
2	Coronavirus disease – 2019 (COVID-19)	1,101	6.8%
3	Heart failure	792	4.9%
4	Osteoarthritis	681	4.2%
5	Cerebral infarction	570	3.5%
6	Acute myocardial infarction	523	3.2%
7	Cardiac dysrhythmias	432	2.6%
8	Spondylopathies/spondyloarthropathy (including infective)	380	2.3%
9	Fracture of the neck of the femur (hip), initial encounter	318	2.0%
10	Acute and unspecified renal failure	316	1.9%

2021 Inpatient Procedures

Table 31. Regional Top Ten CCSR Procedure Groups

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
1	Pregnancy-Related Procedures 2,834 (19.5%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 858 (20.0%)	Pregnancy-Related Procedures 1,064 (28.8%)	Pregnancy-Related Procedures 1,057 (18.9%)	Pregnancy-Related Procedures 382 (25.3%)	Pregnancy-Related Procedures 518 (21.2%)	Pregnancy-Related Procedures 358 (21.2%)	Pregnancy-Related Procedures 7,000 (20.4%)
2	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 2,279 (15.7%)	Pregnancy-Related Procedures 762 (17.7%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 578 (15.6%)	Administration of Therapeutic Substances 905 (16.2%)	Administration of Therapeutic Substances 342 (22.7%)	Administration of Therapeutic Substances 473 (19.4%)	Administration of Therapeutic Substances 332 (19.7%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 5,266 (15.3%)
3	Administration of Therapeutic Substances 1,647 (11.4%)	Administration of Therapeutic Substances 470 (10.9%)	Administration of Therapeutic Substances 508 (13.7%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 676 (12.1%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 166 (11.0%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 355 (14.5%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 242 (14.3%)	Administration of Therapeutic Substances 4,767 (13.9%)
4	Cardiovascular Procedures 1,416 (9.8%)	Cardiovascular Procedures 451 (10.5%)	Gastrointestinal System Procedures 338 (9.1%)	Cardiovascular Procedures 578 (10.3%)	Gastrointestinal System Procedures 154 (10.2%)	Gastrointestinal System Procedures 223 (9.1%)	Gastrointestinal System Procedures 168 (9.9%)	Gastrointestinal System Procedures 3,210 (9.4%)
5	Gastrointestinal System Procedures 1,380 (9.5%)	Gastrointestinal System Procedures 385 (9.0%)	Cardiovascular Procedures 330 (8.9%)	Gastrointestinal System Procedures 491 (8.8%)	Extracorporeal or Systemic Assistance and Performance 78 (5.2%)	Cardiovascular Procedures 181 (7.4%)	Cardiovascular Procedures 99 (5.9%)	Cardiovascular Procedures 3,201 (9.3%)
6	Extracorporeal or Systemic Assistance and Performance 1,219 (8.4%)	Extracorporeal or Systemic Assistance and Performance 353 (8.2%)	Male Reproductive System Procedures 150 (4.1%)	Extracorporeal or Systemic Assistance and Performance 383 (6.9%)	Cardiovascular Procedures 73 (4.8%)	Extracorporeal or Systemic Assistance and Performance 172 (7.0%)	Extracorporeal or Systemic Assistance and Performance 93 (5.5%)	Extracorporeal or Systemic Assistance and Performance 2,489 (7.3%)
7	Respiratory System Procedures 535 (3.7%)	Male Reproductive System Procedures 159 (3.7%)	Extracorporeal or Systemic Assistance and Performance 127 (3.4%)	Respiratory System Procedures 255 (4.6%)	Respiratory System Procedures 44 (2.9%)	Respiratory System Procedures 79 (3.2%)	Respiratory System Procedures 65 (3.8%)	Respiratory System Procedures 1,237 (3.6%)

Rank	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	All Alaska
8	Male Reproductive System Procedures 412 (2.8%)	Respiratory System Procedures 112 (2.6%)	Respiratory System Procedures 109 (2.9%)	Male Reproductive System Procedures 169 (3.0%)	Imaging 40 (2.7%)	Substance Use Disorder Treatment 64 (2.6%)	Hepatobiliary and Pancreas Procedures 41 (2.4%)	Male Reproductive System Procedures 1,028 (3.0%)
9	Imaging 348 (2.4%)	Urinary System Procedures 92 (2.1%)	Urinary System Procedures 92 (2.5%)	Measurement and monitoring 149 (2.7%)	Male Reproductive System Procedures 39 (2.6%)	Male Reproductive System Procedures 63 (2.6%)	Imaging 41 (2.4%)	Central Nervous System Procedures 667 (1.9%)
10	Central Nervous System Procedures 322 (2.2%)	Hepatobiliary and Pancreas Procedures 91 (2.1%)	Central Nervous System Procedures 80 (2.2%)	Other Procedures 139 (2.5%)	Hepatobiliary and Pancreas Procedures 24 (1.6%)	Hepatobiliary and Pancreas Procedures 38 (1.6%)	Rehabilitation, Evaluation, and Treatment 33 (2.0%)	Urinary System Procedures 662 (1.9%)

Table 32. Top Three CCSR Procedure Categories within Each Top Ten CCSR Procedure Groups

Rank	CCSR Procedure Groups	CCSR Procedure Category
1	Pregnancy-Related Procedures 7,000 (20.4%)	Spontaneous vaginal delivery (4,741) Cesarean section (1,861) Assisted vaginal delivery (263)
2	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 5,266 (15.3%)	Knee arthroplasty (783) Spine fusion (777) Hip arthroplasty (666)
3	Administration of Therapeutic Substances 4,767 (13.9%)	Vaccinations (1,713) Potential COVID-19 therapies (1,637) Transfusion of blood and blood products (499)
4	Gastrointestinal System Procedures 3,210 (9.4%)	Colectomy (465) Esophagogastroduodenoscopy (EGD) with biopsy (356) GI system endoscopy without biopsy (diagnostic) (336)
5	Cardiovascular Procedures 3,201 (9.3%)	Venous and arterial catheter placement (825) Percutaneous coronary interventions (PCI) (583) Pacemaker and defibrillator procedures (223)
6	Extracorporeal or Systemic Assistance and Performance 2,489 (7.3%)	Non-invasive ventilation (1,263) Mechanical ventilation (883) Hemodialysis (161)

Rank	CCSR Procedure Groups	CCSR Procedure Category
7	Respiratory System Procedures 1,237 (3.6%)	Airway intubation (406) Chest tube placement and therapeutic thoracentesis (287) Tracheostomy (126)
8	Male Reproductive System Procedures 1,028 (3.0%)	Circumcision (890) Prostatectomy (68) Male reproductive system procedures, NEC (31)
9	Central Nervous System Procedures 667 (1.9%)	Lumbar puncture (287) CNS excision procedures (87) Intracranial epidural and subdural space drainage (65)
10	Urinary System Procedures 662 (1.9%)	Ureter and other urinary tract dilation (225) Bladder catheterization and drainage (125) Nephrectomy and ureterectomy (103)

Table 33. Top Ten 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 1,743 (43.8%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 101 (26.2%)	Pregnancy-Related Procedures 1,666 (66.7%)	Pregnancy-Related Procedures 3,980 (67.7%)	Pregnancy-Related Procedures 1,344 (35.5%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 688 (22.2%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 1,233 (24.4%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 2,135 (22.2%)	Pregnancy-Related Procedures 7,000 (20.4%)
2	Male Reproductive System Procedures 890 (22.4%)	Gastrointestinal System Procedures 99 (25.7%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 184 (7.4%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 378 (6.4%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 507 (13.4%)	Gastrointestinal System Procedures 508 (16.4%)	Cardiovascular Procedures 666 (13.2%)	Cardiovascular Procedures 1,633 (16.9%)	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 5,266 (15.3%)
3	Extracorporeal or Systemic Assistance and Performance 451 (11.3%)	Administration of Therapeutic Substances 51 (13.2%)	Gastrointestinal System Procedures 118 (4.7%)	Administration of Therapeutic Substances 295 (5.0%)	Gastrointestinal System Procedures 369 (9.8%)	Administration of Therapeutic Substances 397 (12.8%)	Administration of Therapeutic Substances 644 (12.7%)	Administration of Therapeutic Substances 1,195 (12.4%)	Administration of Therapeutic Substances 4,767 (13.9%)
4	Extracorporeal or Systemic Therapies 222 (5.6%)	Ear, Nose, and Throat Procedures 28 (7.3%)	Administration of Therapeutic Substances 113 (4.5%)	Gastrointestinal System Procedures 267 (4.5%)	Administration of Therapeutic Substances 329 (8.7%)	Cardiovascular Procedures 336 (10.8%)	Gastrointestinal System Procedures 638 (12.6%)	Gastrointestinal System Procedures 1,084 (11.2%)	Gastrointestinal System Procedures 3,210 (9.4%)

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	Cardiovascular Procedures 133 (3.3%)	Extracorporeal or Systemic Assistance and Performance 16 (4.2%)	Respiratory System Procedures 54 (2.2%)	Extracorporeal or Systemic Assistance and Performance 156 (2.7%)	Cardiovascular Procedures 223 (5.9%)	Extracorporeal or Systemic Assistance and Performance 252 (8.1%)	Extracorporeal or Systemic Assistance and Performance 456 (9.0%)	Extracorporeal or Systemic Assistance and Performance 929 (9.6%)	Cardiovascular Procedures 3,201 (9.3%)
6	Gastrointestinal System Procedures 127 (3.2%)	Central Nervous System Procedures 15 (3.9%)	Extracorporeal or Systemic Assistance and Performance 53 (2.1%)	Cardiovascular Procedures 151 (2.6%)	Extracorporeal or Systemic Assistance and Performance 176 (4.7%)	Respiratory System Procedures 163 (5.3%)	Respiratory System Procedures 260 (5.1%)	Respiratory System Procedures 475 (4.9%)	Extracorporeal or Systemic Assistance and Performance 2,489 (7.3%)
7	Ear, Nose, and Throat Procedures 117 (2.9%)	Urinary System Procedures 15 (3.9%)	Cardiovascular Procedures 46 (1.8%)	Substance Use Disorder Treatment 105 (1.8%)	Respiratory System Procedures 127 (3.4%)	Central Nervous System Procedures 83 (2.7%)	Urinary System Procedures 153 (3.0%)	Urinary System Procedures 301 (3.1%)	Respiratory System Procedures 1,237 (3.6%)
8	Central Nervous System Procedures 94 (2.4%)	Cardiovascular Procedures 13 (3.4%)	Central Nervous System Procedures 35 (1.4%)	Respiratory System Procedures 97 (1.6%)	Substance Use Disorder Treatment 101 (2.7%)	Imaging 83 (2.7%)	Imaging 137 (2.7%)	Measurement and Monitoring 280 (2.9%)	Male Reproductive System Procedures 1,028 (3.0%)
9	Respiratory System Procedures 54 (1.4%)	Measurement and Monitoring 13 (3.4%)	Hepatobiliary and Pancreas Procedures 33 (1.3%)	Hepatobiliary and Pancreas Procedures 82 (1.4%)	Female Reproductive System Procedures 80 (2.1%)	Substance Use Disorder Treatment 80 (2.6%)	Measurement and Monitoring 130 (2.6%)	Imaging 264 (2.7%)	Central Nervous System Procedures 667 (1.9%)
10	Musculoskeletal, Subcutaneous Tissue, and Fascia Procedures 39 (1.0%)	Respiratory System Procedures 7 (1.8%)	Skin and Breast Procedures 33 (1.3%)	Skin and Breast Procedures 59 (1.0%)	Hepatobiliary and Pancreas Procedures 80 (2.1%)	Hepatobiliary and Pancreas Procedures 75 (2.4%)	Hepatobiliary and Pancreas Procedures 124 (2.5%)	Hepatobiliary and Pancreas Procedures 259 (2.7%)	Urinary System Procedures 662 (1.9%)

2020-2021 Revenue Code Groups

Table 34. Major CCSR Diagnoses Group Discharges (Column %) by Revenue Code Group (ER, OR, ICU, and All)

Major CCSR Group of Principal Diagnosis	ER 2020	ER 2021	OR 2020	OR 2021	ICU 2020	ICU 2021	2020	2021
Pregnancy, Childbirth and the Puerperium	737 (2.8%)	846 (2.9%)	2,361 (13.8%)	2,371 (13.8%)	679 (4.7%)	493 (3.3%)	8,112 (14.6%)	7,979 (13.8%)
Certain Conditions Originating in the Perinatal Period	83 (0.3%)	72 (0.2%)	438 (2.6%)	444 (2.6%)	45 (0.3%)	38 (0.3%)	7,455 (13.4%)	7,425 (12.9%)
Certain Infectious and Parasitic Diseases	4,326 (16.5%)	5,949 (20.6%)	1,391 (8.1%)	1,672 (9.7%)	2,665 (18.5%)	3,502 (23.3%)	4,833 (8.7%)	6,751 (11.7%)
Diseases of the Circulatory System	4,266 (16.3%)	4,619 (16.0%)	1,697 (9.9%)	1,892 (11.0%)	3,881 (26.9%)	3,842 (25.5%)	5,903 (10.6%)	6,349 (11.0%)
Mental, Behavioral and Neurodevelopmental Disorders	2,485 (9.5%)	2,681 (9.3%)	60 (0.4%)	105 (0.6%)	1,168 (8.1%)	1,260 (8.4%)	5,079 (9.1%)	5,532 (9.6%)
Diseases of the Digestive System	3,530 (13.5%)	3,568 (12.3%)	1,907 (11.1%)	1,820 (10.6%)	1,105 (7.7%)	1,153 (7.7%)	4,517 (8.1%)	4,441 (7.7%)
Injury, Poisoning and Other Consequences Certain of External Causes	3,269 (12.5%)	3,169 (11.0%)	2,635 (15.4%)	2,504 (14.6%)	1,330 (9.2%)	1,220 (8.1%)	4,518 (8.1%)	4,266 (7.4%)
Diseases of the Musculoskeletal System and Connective Tissue	664 (2.5%)	723 (2.5%)	3,096 (18.1%)	2,647 (15.4%)	219 (1.5%)	197 (1.3%)	3,565 (6.4%)	3,120 (5.4%)
Diseases of the Respiratory System	1,705 (6.5%)	1,762 (6.1%)	323 (1.9%)	373 (2.2%)	1,027 (7.1%)	936 (6.2%)	2,476 (4.5%)	2,418 (4.2%)
Endocrine, Nutritional and Metabolic Diseases	1,152 (4.4%)	1,207 (4.2%)	538 (3.1%)	637 (3.7%)	650 (4.5%)	707 (4.7%)	1,743 (3.1%)	1,898 (3.3%)
Diseases of the Genitourinary System	1,049 (4.0%)	1,194 (4.1%)	553 (3.2%)	581 (3.4%)	383 (2.7%)	387 (2.6%)	1,547 (2.8%)	1,637 (2.8%)
Neoplasms	638 (2.4%)	605 (2.1%)	1,167 (6.8%)	1,105 (6.4%)	417 (2.9%)	396 (2.6%)	1,648 (3.0%)	1,506 (2.6%)
Diseases of the Nervous System	757 (2.9%)	841 (2.9%)	207 (1.2%)	252 (1.5%)	397 (2.8%)	424 (2.8%)	1,240 (2.2%)	1,292 (2.2%)
Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified	422 (1.6%)	518 (1.8%)	84 (0.5%)	102 (0.6%)	140 (1.0%)	162 (1.1%)	775 (1.4%)	924 (1.6%)
Diseases of the Skin and Subcutaneous Tissue	665 (2.5%)	665 (2.3%)	323 (1.9%)	289 (1.7%)	86 (0.6%)	80 (0.5%)	904 (1.6%)	888 (1.5%)
Factors Influencing Health Status and Contact with Health Services	61 (0.2%)	65 (0.2%)	159 (0.9%)	154 (0.9%)	62 (0.4%)	55 (0.4%)	482 (0.9%)	457 (0.8%)
Diseases of the Blood and Disorders Involving the Immune Mechanism	251 (1.0%)	291 (1.0%)	42 (0.2%)	44 (0.3%)	108 (0.7%)	124 (0.8%)	351 (0.6%)	401 (0.7%)
Invalid Diagnosis	9 (0.0%)	75 (0.3%)	8 (0.0%)	23 (0.1%)	6 (0.0%)	27 (0.2%)	132 (0.2%)	234 (0.4%)
Congenital Malformations, Deformations and Chromosomal Abnormalities	25 (0.1%)	23 (0.1%)	134 (0.8%)	123 (0.7%)	39 (0.3%)	43 (0.3%)	152 (0.3%)	139 (0.2%)
Diseases of the Eye and Adnexa or the Ear and Mastoid Process	55 (0.2%)	43 (0.1%)	18 (0.1%)	19 (0.1%)	20 (0.1%)	16 (0.1%)	81 (0.1%)	66 (0.1%)
Inpatient Total	26,149 (100.0%)	28,916 (100.0%)	17,141 (100.0%)	17,157 (100.0%)	14,427 (100.0%)	15,062 (100.0%)	55,513 (100.0%)	57,723 (100.0%)

Table 35. ICU and Non-ICU Discharges by COVID-19 Diagnosis, 2019-2021

ICU Use	2019 Not COVID	2020 COVID	2020 Not COVID	2021 COVID	2021 Not COVID
ICU	17,269	902	13,525	2,167	12,895
Non-ICU	42,582	727	40,359	2,017	40,644
Total	59,851	1,629	53,884	4,184	53,539

Table 36. ICU and Non-ICU Average Length of Stay (Days) by COVID-19 Diagnosis, 2019-2021

ICU Use	2019 Not COVID	2020 COVID	2020 Not COVID	2021 COVID	2021 Not COVID
ICU	7.5	10.3	7.6	12.2	7.4
Non-ICU	4.8	5.6	4.9	6.1	5.1
Total	5.6	8.2	5.6	9.2	5.7

Table 37. ICU and Non-ICU Average Billed Charges by COVID-19 Diagnosis, 2019-2021

ICU Use	2019 Not COVID	2020 COVID	2020 Not COVID	2021 COVID	2021 Not COVID
ICU	\$126,367	\$173,932	\$138,415	\$222,389	\$142,317
Non-ICU	\$51,133	\$52,142	\$57,413	\$55,829	\$61,809
Total	\$72,840	\$119,579	\$77,744	\$142,095	\$81,200

Table 38. ICU and Non-ICU Total Billed Charges by COVID-19 Diagnosis, 2019-2021

ICU Use	2019 Not COVID	2020 COVID	2020 Not COVID	2021 COVID	2021 Not COVID
ICU	\$2,182,235,498	\$156,886,379	\$1,872,063,586	\$481,916,141	\$1,835,174,938
Non-ICU	\$2,177,334,716	\$37,907,269	\$2,317,116,302	\$112,607,353	\$2,512,184,225
Total	\$4,359,570,214	\$194,793,648	\$4,189,179,889	\$594,523,493	\$4,347,359,163



EMERGENCY DEPARTMENT

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

- Alaska hospitals reporting ED discharges to the HFDR program billed primary payers \$1.1 billion for 2019, \$1 billion for 2020, and \$1.2 billion for 2021. The number of outpatient ED visits started at 293,003 in 2019, went down to 223,841 in 2020, and then up somewhat to 244,319 in 2021.
- The top ten outpatient ED CCSR diagnosis categories, or the leading causes of visitation (LCOV), cover 85,433 (or 35%) of the 244,319 total ED visits in 2021.
- Of the top ten LCOV, nine of ten declined in visits from 2019 to 2020 (only the COVID-19 category increased). Eight of the ten categories increased visits from 2020 to 2021, but none rebounded above 2019 levels, except for COVID-19, which did not exist in 2019.
- Regionally, *abdominal pain and other digestive/abdomen signs and symptoms* was the LCOV in three of the seven Alaska Public Health Regions. The other two regional leading causes were *alcohol-related disorders* in both the Northern Region and the Southwest Region, and *COVID-19* in the Gulf Coast Region.
- In 2021, the LCOV with the highest percentage of female patients was *abdominal pain and other digestive/abdomen signs and symptoms* (64% 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* (\$6,573), *abdominal pain and other digestive/abdomen signs and symptoms* (\$5,895), *alcohol-related disorders* (\$4,237), and *COVID-19* (\$3,746).
- Medicaid was the most common primary payer for outpatient ED visits, covering 42% of all discharges. Medicaid was the most common primary payer for all ten LCOVs, with the highest percentage being *alcohol-related disorders* at 69%.
- The LCOV during 2021 for children under age 18 was *other specified upper respiratory infections*. For adults aged 18 to 34 the leading CCSR was *abdominal pain and other digestive/abdomen signs and symptoms*. For adults aged 35 through 64 the LCOV was *alcohol-related disorders*. For seniors aged 65 and over the LCOV was *nonspecific chest pain*.

2021 Regional Leading Causes of Emergency Department Visits

Table 39. Top Ten CCSR Category: Statewide

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	11,815	4.9%
2	Nonspecific chest pain	9,645	4.0%
3	Alcohol-related disorders	9,359	3.9%
4	Coronavirus disease – 2019 (COVID-19)	9,251	3.8%
5	Superficial injury; contusion, initial encounter	8,648	3.6%
6	Other specified upper respiratory infections	7,832	3.2%
7	Musculoskeletal pain, not low back pain	7,609	3.1%
8	Skin and subcutaneous tissue infections	7,385	3.0%
9	Sprains and strains, initial encounter	6,980	2.9%
10	Open wounds to limbs, initial encounter	6,909	2.8%

Table 40. Top Ten CCSR Category: Anchorage Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	4,527	4.6%
2	Nonspecific chest pain	4,118	4.1%
3	Other specified upper respiratory infections	3,768	3.8%
4	Coronavirus disease – 2019 (COVID-19)	3,716	3.7%
5	Superficial injury; contusion, initial encounter	3,591	3.6%
6	Alcohol-related disorders	3,284	3.3%
7	Musculoskeletal pain, not low back pain	3,243	3.3%
8	Sprains and strains, initial encounter	3,120	3.1%
9	Skin and subcutaneous tissue infections	3,113	3.1%
10	Open wounds to limbs, initial encounter	2,640	2.7%

Table 41. Top Ten CCSR Category: Gulf Coast Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Coronavirus disease – 2019 (COVID-19)	1,178	5.4%
2	Abdominal pain and other digestive/abdomen signs and symptoms	1,075	4.9%
3	Nonspecific chest pain	887	4.1%
4	Superficial injury; contusion, initial encounter	869	4.0%
5	Open wounds to limbs, initial encounter	840	3.8%
6	Sprains and strains, initial encounter	687	3.1%
7	Musculoskeletal pain, not low back pain	605	2.8%
8	Skin and subcutaneous tissue infections	549	2.5%
9	Urinary tract infections	538	2.5%
10	Other specified upper respiratory infections	478	2.2%

Table 42. Top Ten CCSR Category: Interior Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	1,737	6.3%
2	Alcohol-related disorders	1,293	4.7%
3	Nonspecific chest pain	1,187	4.3%
4	Coronavirus disease – 2019 (COVID-19)	1,097	4.0%
5	Superficial injury; contusion, initial encounter	908	3.3%
6	Sprains and strains, initial encounter	865	3.2%
7	Musculoskeletal pain, not low back pain	774	2.8%
8	Skin and subcutaneous tissue infections	760	2.8%
9	Open wounds to limbs, initial encounter	716	2.6%
10	Respiratory signs and symptoms	634	2.3%

Table 43. Top Ten CCSR Category: Matanuska-Susitna Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	1,575	5.7%
2	Coronavirus disease – 2019 (COVID-19)	1,435	5.2%
3	Nonspecific chest pain	1,326	4.8%
4	Musculoskeletal pain, not low back pain	1,074	3.9%
5	Open wounds to limbs, initial encounter	843	3.0%
6	Skin and subcutaneous tissue infections	827	3.0%
7	Superficial injury; contusion, initial encounter	791	2.9%
8	Urinary tract infections	701	2.5%
9	Other specified upper respiratory infections	693	2.5%
10	Respiratory signs and symptoms	691	2.5%

Table 44. Top Ten CCSR Category: Northern Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Alcohol-related disorders	1,488	8.6%
2	Other specified upper respiratory infections	791	4.6%
3	Superficial injury; contusion, initial encounter	750	4.4%
4	Abdominal pain and other digestive/abdomen signs and symptoms	561	3.3%
5	Skin and subcutaneous tissue infections	523	3.0%
6	Coronavirus disease – 2019 (COVID-19)	490	2.8%
7	Open wounds to limbs, initial encounter	424	2.5%
8	Sprains and strains, initial encounter	415	2.4%
9	Musculoskeletal pain, not low back pain	407	2.4%
10	Urinary tract infections	388	2.3%

Table 45. Top Ten CCSR Category: Southeast Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	1,049	5.0%
2	Nonspecific chest pain	1,031	4.9%
3	Alcohol-related disorders	968	4.6%
4	Superficial injury; contusion, initial encounter	827	3.9%
5	Open wounds to limbs, initial encounter	729	3.5%
6	Coronavirus disease – 2019 (COVID-19)	710	3.4%
7	Sprains and strains, initial encounter	635	3.0%
8	Musculoskeletal pain, not low back pain	624	3.0%
9	Skin and subcutaneous tissue infections	543	2.6%
10	Headache; including migraine	422	2.0%

Table 46. Top Ten CCSR Category: Southwest Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Alcohol-related disorders	1,180	5.6%
2	Other specified upper respiratory infections	1,087	5.2%
3	Abdominal pain and other digestive/abdomen signs and symptoms	995	4.7%
4	Skin and subcutaneous tissue infections	848	4.0%
5	Exposure, encounters, screening or contact with infectious disease	806	3.8%
6	Musculoskeletal pain, not low back pain	671	3.2%
7	Superficial injury; contusion, initial encounter	573	2.7%
8	Nonspecific chest pain	546	2.6%
9	Urinary tract infections	524	2.5%
10	Respiratory signs and symptoms	450	2.1%

2021 Emergency Department CCSR Categories with Examples of Diagnoses

Table 47. Top Ten CCSR Categories with Top Three Principal Diagnoses

Rank	CCSR Diagnosis Category	ICD-10-CM Examples
1	Abdominal pain and other digestive/abdomen signs and symptoms 11,815 (4.8%)	Unspecified abdominal pain (3,148) Epigastric pain (1,769) Right lower quadrant pain (1,318)
2	Nonspecific chest pain 9,645 (3.9%)	Chest pain, unspecified (4,713) Other chest pain (4,617) Precordial pain (315)
3	Alcohol-related disorders 9,359 (3.8%)	Alcohol abuse with intoxication, unspecified (3,524) Alcohol dependence with withdrawal, unspecified (1,507) Alcohol abuse, uncomplicated (985)
4	Coronavirus disease – 2019 (COVID-19) 9,251 (3.8%)	Coronavirus disease-2019 (COVID-19) (9,251)
5	Superficial injury; contusion, initial encounter 8,648 (3.5%)	Contusion of other part of head, initial encounter (578) Contusion of scalp, initial encounter (411) Contusion of left front wall of thorax, initial encounter (311)
6	Other specified upper respiratory infections 7,832 (3.2%)	Acute upper respiratory infection, unspecified (3,937) Acute pharyngitis, unspecified (2,107) Streptococcal pharyngitis (811)
7	Musculoskeletal pain, not low back pain 7,609 (3.1%)	Pain in left knee (575) Pain in left shoulder (554) Pain in right knee (548)
8	Skin and subcutaneous tissue infections 7,385 (3.0%)	Cellulitis of left lower limb (868) Cellulitis of right lower limb (780) Cutaneous abscess of buttock (403)
9	Sprains and strains, initial encounter 6,980 (2.9%)	Strain of muscle, fascia and tendon at neck level, initial encounter (947) Strain of muscle, fascia and tendon of lower back, initial encounter (904) Sprain of unspecified ligament of right ankle, initial encounter (587)
10	Open wounds to limbs, initial encounter 6,909 (2.8%)	Laceration without foreign body of left index finger without damage to nail, initial encounter (492) Laceration without foreign body of left hand, initial encounter (461) Laceration without foreign body of left thumb without damage to nail, initial encounter (377)

2021 Leading Causes of Emergency Department Visits by Patient Characteristic

Table 48. All Emergency Department Visit Discharges

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	114,616	46.9%	\$2,929	\$542,348,841
Sex: Female	129,589	53.0%	\$3,302	\$634,789,780
Race: White	108,310	44.3%	\$3,924	\$599,940,079
Race: AI/AN	87,145	35.7%	\$2,465	\$350,172,316
Race: Asian/PI	14,588	6.0%	\$3,294	\$72,604,360
Race: Black	10,815	4.4%	\$3,252	\$51,788,030
Ethnicity: Hispanic	10,698	4.4%	\$3,271	\$51,894,153
Age Group: 00-14	31,696	13.0%	\$1,742	\$79,417,573
Age Group: 15-24	33,133	13.6%	\$2,719	\$134,230,128
Age Group: 25-34	43,901	18.0%	\$3,025	\$195,747,107
Age Group: 35-44	37,362	15.3%	\$3,404	\$184,829,344
Age Group: 45-54	28,705	11.7%	\$3,856	\$156,887,043
Age Group: 55-64	30,894	12.6%	\$4,107	\$176,547,912
Age Group: 65-74	22,500	9.2%	\$4,829	\$141,540,221
Age Group: 75+	16,044	6.6%	\$5,460	\$107,977,843
Payer: Medicare	41,135	16.8%	\$4,823	\$257,016,094
Payer: Medicaid	102,056	41.8%	\$2,719	\$437,444,731
Payer: Commercial	57,877	23.7%	\$3,331	\$288,280,798
Payer: Self Pay	19,796	8.1%	\$2,618	\$83,349,284
Payer: Other	23,450	9.6%	\$2,965	\$111,351,300
Region: Anchorage	100,027	40.9%	\$3,555	\$522,819,644
Region: Gulf Coast	22,006	9.0%	\$3,669	\$118,446,556
Region: Interior	27,529	11.3%	\$3,112	\$106,029,844
Region: Mat-Su	27,924	11.4%	\$4,677	\$180,832,612
Region: Northern	17,283	7.1%	\$1,913	\$57,505,802
Region: Southeast	21,171	8.7%	\$2,325	\$92,687,259
Region: Southwest	21,170	8.7%	\$1,854	\$64,390,310
Region: Out of State	6,898	2.8%	\$3,198	\$33,712,091
Alaska 2021	244,319	100.0%	\$3,122	\$1,177,455,647
Alaska 2020	223,841	-	\$2,852	\$1,005,068,265
Alaska 2019	293,003	-	\$2,409	\$1,138,494,410

Table 49. #1 CCSR Category: Abdominal pain and other digestive/abdomen signs and symptoms (4.9% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,273	36.2%	\$5,572	\$28,250,065
Sex: Female	7,541	63.8%	\$6,068	\$52,378,841
Race: White	5,820	49.3%	\$6,700	\$42,669,063
Race: AI/AN	3,833	32.4%	\$4,667	\$22,543,010
Race: Asian/PI	657	5.6%	\$6,075	\$4,865,548
Race: Black	537	4.5%	\$6,478	\$4,052,116
Ethnicity: Hispanic	679	5.7%	\$6,090	\$4,707,088
Age Group: 00-14	1,115	9.4%	\$2,779	\$4,147,835
Age Group: 15-24	1,911	16.2%	\$4,926	\$11,185,098
Age Group: 25-34	2,391	20.2%	\$5,774	\$16,095,825
Age Group: 35-44	1,888	16.0%	\$6,480	\$13,543,815
Age Group: 45-54	1,477	12.5%	\$7,086	\$11,382,900
Age Group: 55-64	1,468	12.4%	\$7,368	\$11,618,492
Age Group: 65-74	955	8.1%	\$7,651	\$7,640,209
Age Group: 75+	610	5.2%	\$7,620	\$5,016,139
Payer: Medicare	1,813	15.3%	\$7,506	\$14,718,417
Payer: Medicaid	4,873	41.2%	\$5,232	\$30,529,979
Payer: Commercial	3,282	27.8%	\$6,397	\$23,147,676
Payer: Self Pay	901	7.6%	\$5,324	\$6,072,195
Payer: Other	946	8.0%	\$5,831	\$6,162,047
Region: Anchorage	4,527	38.3%	\$6,826	\$36,062,916
Region: Gulf Coast	1,075	9.1%	\$5,714	\$7,123,263
Region: Interior	1,737	14.7%	\$5,614	\$9,572,019
Region: Mat-Su	1,575	13.3%	\$8,163	\$13,018,102
Region: Northern	561	4.7%	\$3,987	\$2,981,057
Region: Southeast	1,049	8.9%	\$3,940	\$5,346,197
Region: Southwest	995	8.4%	\$3,271	\$4,510,425
Region: Out of State	292	2.5%	\$6,317	\$1,997,391
Alaska 2021	11,815	100.0%	\$5,895	\$80,630,313
Alaska 2020	10,739	-	\$5,489	\$68,643,599
Alaska 2019	14,606	-	\$4,889	\$85,724,336

Table 50. #2 CCSR Category: Nonspecific chest pain (4.0% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,741	49.2%	\$6,508	\$32,873,827
Sex: Female	4,904	50.8%	\$6,673	\$35,062,758
Race: White	5,013	52.0%	\$6,668	\$37,007,327
Race: AI/AN	2,799	29.0%	\$6,174	\$18,258,041
Race: Asian/PI	638	6.6%	\$6,802	\$4,475,979
Race: Black	513	5.3%	\$6,909	\$3,706,706
Ethnicity: Hispanic	477	4.9%	\$6,731	\$3,347,056
Age Group: 00-14	192	2.0%	\$3,200	\$685,195
Age Group: 15-24	890	9.2%	\$5,175	\$4,841,899
Age Group: 25-34	1,462	15.2%	\$6,153	\$9,233,408
Age Group: 35-44	1,684	17.5%	\$6,642	\$12,020,893
Age Group: 45-54	1,564	16.2%	\$6,875	\$11,687,280
Age Group: 55-64	1,769	18.3%	\$6,893	\$13,162,955
Age Group: 65-74	1,288	13.4%	\$6,948	\$10,071,735
Age Group: 75+	796	8.3%	\$7,016	\$6,233,219
Payer: Medicare	2,205	22.9%	\$6,905	\$16,881,049
Payer: Medicaid	3,033	31.4%	\$6,301	\$20,203,336
Payer: Commercial	2,858	29.6%	\$6,596	\$19,947,617
Payer: Self Pay	636	6.6%	\$6,885	\$4,562,331
Payer: Other	913	9.5%	\$6,185	\$6,342,252
Region: Anchorage	4,118	42.7%	\$7,265	\$32,255,156
Region: Gulf Coast	887	9.2%	\$6,013	\$6,586,732
Region: Interior	1,187	12.3%	\$5,000	\$6,307,109
Region: Mat-Su	1,326	13.7%	\$7,157	\$11,804,105
Region: Northern	311	3.2%	\$4,137	\$1,474,926
Region: Southeast	1,031	10.7%	\$4,026	\$5,339,133
Region: Southwest	546	5.7%	\$4,388	\$2,548,720
Region: Out of State	230	2.4%	\$6,351	\$1,573,687
Alaska 2021	9,645	100.0%	\$6,573	\$67,936,584
Alaska 2020	8,605	-	\$6,553	\$59,507,193
Alaska 2019	10,944	-	\$6,206	\$71,447,874

Table 51. #3 CCSR Category: Alcohol-related disorders (3.9% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	5,260	56.2%	\$3,952	\$25,466,688
Sex: Female	4,098	43.8%	\$4,505	\$21,698,213
Race: White	1,664	17.8%	\$5,172	\$9,868,549
Race: AI/AN	6,662	71.2%	\$3,828	\$31,026,196
Race: Asian/PI	53	0.6%	\$6,094	\$356,363
Race: Black	83	0.9%	\$6,062	\$572,687
Ethnicity: Hispanic	197	2.1%	\$4,050	\$979,498
Age Group: 00-14	11	0.1%	\$3,344	\$45,719
Age Group: 15-24	685	7.3%	\$3,650	\$3,239,511
Age Group: 25-34	2,230	23.8%	\$4,454	\$11,820,958
Age Group: 35-44	2,651	28.3%	\$4,346	\$13,120,172
Age Group: 45-54	1,957	20.9%	\$4,224	\$10,092,621
Age Group: 55-64	1,363	14.6%	\$3,656	\$6,494,281
Age Group: 65-74	374	4.0%	\$3,621	\$1,863,656
Age Group: 75+	84	0.9%	\$4,427	\$462,132
Payer: Medicare	647	6.9%	\$3,933	\$3,252,905
Payer: Medicaid	6,417	68.6%	\$4,103	\$31,313,950
Payer: Commercial	820	8.8%	\$4,734	\$4,550,646
Payer: Self Pay	894	9.6%	\$5,138	\$5,342,246
Payer: Other	581	6.2%	\$3,381	\$2,705,825
Region: Anchorage	3,284	35.1%	\$6,376	\$22,870,150
Region: Gulf Coast	469	5.0%	\$5,151	\$2,823,483
Region: Interior	1,293	13.8%	\$2,349	\$3,822,467
Region: Mat-Su	553	5.9%	\$5,943	\$4,078,103
Region: Northern	1,488	15.9%	\$2,456	\$5,578,476
Region: Southeast	968	10.3%	\$2,223	\$3,102,336
Region: Southwest	1,180	12.6%	\$2,296	\$4,143,922
Region: Out of State	109	1.2%	\$5,188	\$689,150
Alaska 2021	9,359	100.0%	\$4,237	\$47,165,571
Alaska 2020	9,012	-	\$3,802	\$42,484,813
Alaska 2019	9,919	-	\$2,732	\$38,205,463

Table 52. #4 CCSR Category: Coronavirus disease – 2019 (COVID-19) (3.8% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,299	46.5%	\$3,698	\$21,668,102
Sex: Female	4,951	53.5%	\$3,765	\$24,815,983
Race: White	4,621	50.0%	\$4,339	\$25,151,796
Race: AI/AN	2,219	24.0%	\$3,135	\$10,043,054
Race: Asian/PI	969	10.5%	\$3,892	\$4,851,562
Race: Black	389	4.2%	\$3,632	\$1,875,749
Ethnicity: Hispanic	496	5.4%	\$3,662	\$2,499,515
Age Group: 00-14	771	8.3%	\$1,895	\$2,008,989
Age Group: 15-24	1,010	10.9%	\$3,005	\$4,126,189
Age Group: 25-34	1,544	16.7%	\$3,454	\$7,171,015
Age Group: 35-44	1,624	17.6%	\$3,863	\$8,340,494
Age Group: 45-54	1,323	14.3%	\$4,271	\$7,242,463
Age Group: 55-64	1,418	15.3%	\$4,178	\$7,592,619
Age Group: 65-74	954	10.3%	\$5,485	\$6,032,259
Age Group: 75+	607	6.6%	\$5,873	\$3,970,199
Payer: Medicare	1,482	16.0%	\$5,604	\$9,262,892
Payer: Medicaid	3,190	34.5%	\$3,229	\$14,570,807
Payer: Commercial	2,838	30.7%	\$3,688	\$13,888,496
Payer: Self Pay	531	5.7%	\$2,802	\$2,238,204
Payer: Other	1,210	13.1%	\$4,070	\$6,523,830
Region: Anchorage	3,716	40.2%	\$4,367	\$20,014,449
Region: Gulf Coast	1,178	12.7%	\$4,561	\$6,655,065
Region: Interior	1,097	11.9%	\$3,349	\$4,460,960
Region: Mat-Su	1,435	15.5%	\$4,492	\$8,876,055
Region: Northern	490	5.3%	\$2,644	\$1,521,333
Region: Southeast	710	7.7%	\$2,386	\$2,437,096
Region: Southwest	319	3.4%	\$2,054	\$1,123,102
Region: Out of State	299	3.2%	\$3,452	\$1,376,696
Alaska 2021	9,251	100.0%	\$3,746	\$46,484,227
Alaska 2020	3,031	-	\$4,803	\$16,854,920

Table 53. #5 CCSR Category: Superficial injury, contusion, initial encounter (3.6% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,412	51.0%	\$1,996	\$16,221,014
Sex: Female	4,226	48.9%	\$2,175	\$15,945,289
Race: White	3,877	44.8%	\$2,237	\$15,730,277
Race: AI/AN	3,066	35.5%	\$1,949	\$10,279,199
Race: Asian/PI	485	5.6%	\$2,242	\$1,810,472
Race: Black	331	3.8%	\$2,343	\$1,220,000
Ethnicity: Hispanic	344	4.0%	\$2,067	\$1,202,807
Age Group: 00-14	1,608	18.6%	\$1,453	\$3,158,638
Age Group: 15-24	1,413	16.3%	\$2,082	\$4,700,809
Age Group: 25-34	1,424	16.5%	\$2,067	\$5,108,131
Age Group: 35-44	1,122	13.0%	\$2,213	\$4,451,758
Age Group: 45-54	881	10.2%	\$2,337	\$3,841,341
Age Group: 55-64	924	10.7%	\$2,500	\$3,932,192
Age Group: 65-74	672	7.8%	\$2,934	\$3,502,963
Age Group: 75+	595	6.9%	\$4,480	\$3,471,769
Payer: Medicare	1,278	14.8%	\$3,242	\$6,421,698
Payer: Medicaid	3,447	39.9%	\$2,027	\$11,571,607
Payer: Commercial	2,075	24.0%	\$1,967	\$7,663,913
Payer: Self Pay	739	8.5%	\$2,056	\$2,600,421
Payer: Other	1,108	12.8%	\$1,955	\$3,912,641
Region: Anchorage	3,591	41.5%	\$2,451	\$14,796,668
Region: Gulf Coast	869	10.0%	\$2,397	\$3,752,060
Region: Interior	908	10.5%	\$1,618	\$2,398,321
Region: Mat-Su	791	9.1%	\$2,304	\$3,751,839
Region: Northern	750	8.7%	\$1,608	\$2,099,780
Region: Southeast	827	9.6%	\$1,263	\$2,317,679
Region: Southwest	573	6.6%	\$1,762	\$1,662,024
Region: Out of State	325	3.8%	\$2,164	\$1,384,075
Alaska 2021	8,648	100.0%	\$2,082	\$32,174,949
Alaska 2020	7,818	-	\$2,055	\$28,002,455
Alaska 2019	10,846	-	\$1,864	\$33,575,189

Table 54. #6 CCSR Category: Other specified upper respiratory infections (3.2% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,602	46.0%	\$1,794	\$8,637,895
Sex: Female	4,229	54.0%	\$1,809	\$10,353,601
Race: White	2,153	27.5%	\$2,174	\$6,159,459
Race: AI/AN	3,364	43.0%	\$1,620	\$6,945,505
Race: Asian/PI	801	10.2%	\$2,030	\$2,253,273
Race: Black	498	6.4%	\$1,863	\$1,296,631
Ethnicity: Hispanic	399	5.1%	\$2,024	\$1,078,674
Age Group: 00-14	3,323	42.4%	\$1,674	\$6,819,402
Age Group: 15-24	1,353	17.3%	\$1,801	\$3,122,631
Age Group: 25-34	1,252	16.0%	\$1,909	\$3,221,923
Age Group: 35-44	788	10.1%	\$1,953	\$2,156,767
Age Group: 45-54	425	5.4%	\$2,320	\$1,343,127
Age Group: 55-64	422	5.4%	\$2,091	\$1,331,341
Age Group: 65-74	175	2.2%	\$2,601	\$625,993
Age Group: 75+	94	1.2%	\$2,591	\$371,587
Payer: Medicare	455	5.8%	\$2,306	\$1,514,041
Payer: Medicaid	4,229	54.0%	\$1,785	\$9,980,274
Payer: Commercial	1,757	22.4%	\$1,815	\$4,248,807
Payer: Self Pay	656	8.4%	\$1,665	\$1,473,165
Payer: Other	735	9.4%	\$1,855	\$1,776,485
Region: Anchorage	3,768	48.1%	\$1,844	\$9,878,031
Region: Gulf Coast	478	6.1%	\$2,008	\$1,283,627
Region: Interior	592	7.6%	\$1,934	\$1,361,404
Region: Mat-Su	693	8.8%	\$2,617	\$2,189,845
Region: Northern	791	10.1%	\$1,616	\$1,500,973
Region: Southeast	295	3.8%	\$1,276	\$566,453
Region: Southwest	1,087	13.9%	\$1,542	\$1,874,628
Region: Out of State	124	1.6%	\$2,033	\$330,413
Alaska 2021	7,832	100.0%	\$1,807	\$18,992,772
Alaska 2020	8,560	-	\$1,617	\$18,680,407
Alaska 2019	15,100	-	\$1,477	\$28,428,091

Table 55. #7 CCSR Category: Musculoskeletal pain, not low back pain (3.1% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,432	45.1%	\$2,227	\$11,654,512
Sex: Female	4,175	54.9%	\$2,500	\$15,233,077
Race: White	3,385	44.5%	\$2,731	\$13,458,745
Race: AI/AN	2,845	37.4%	\$2,039	\$8,484,154
Race: Asian/PI	423	5.6%	\$2,715	\$1,661,491
Race: Black	392	5.2%	\$2,661	\$1,462,771
Ethnicity: Hispanic	310	4.1%	\$2,449	\$1,098,807
Age Group: 00-14	594	7.8%	\$2,050	\$1,486,134
Age Group: 15-24	870	11.4%	\$2,070	\$2,556,944
Age Group: 25-34	1,296	17.0%	\$2,248	\$4,317,683
Age Group: 35-44	1,213	15.9%	\$2,336	\$4,242,328
Age Group: 45-54	1,106	14.5%	\$2,487	\$4,089,696
Age Group: 55-64	1,170	15.4%	\$2,525	\$4,353,172
Age Group: 65-74	820	10.8%	\$2,755	\$3,329,110
Age Group: 75+	538	7.1%	\$3,514	\$2,512,522
Payer: Medicare	1,479	19.4%	\$2,894	\$6,000,223
Payer: Medicaid	3,126	41.1%	\$2,231	\$10,106,758
Payer: Commercial	1,619	21.3%	\$2,481	\$6,024,027
Payer: Self Pay	613	8.1%	\$2,263	\$1,978,293
Payer: Other	772	10.1%	\$2,353	\$2,781,332
Region: Anchorage	3,243	42.6%	\$2,686	\$12,715,722
Region: Gulf Coast	605	8.0%	\$2,507	\$2,083,935
Region: Interior	774	10.2%	\$1,811	\$2,202,014
Region: Mat-Su	1,074	14.1%	\$3,098	\$4,950,771
Region: Northern	407	5.3%	\$1,618	\$985,276
Region: Southeast	624	8.2%	\$1,546	\$1,692,250
Region: Southwest	671	8.8%	\$1,762	\$1,548,036
Region: Out of State	202	2.7%	\$2,533	\$693,503
Alaska 2021	7,609	100.0%	\$2,364	\$26,890,633
Alaska 2020	6,975	-	\$2,235	\$23,303,971
Alaska 2019	9,601	-	\$2,049	\$28,404,004

Table 56. #8 CCSR Category: Skin and subcutaneous tissue infections (2.9% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,186	56.7%	\$2,008	\$13,229,735
Sex: Female	3,194	43.2%	\$1,858	\$9,511,635
Race: White	3,318	44.9%	\$2,210	\$11,589,295
Race: AI/AN	2,895	39.2%	\$1,738	\$7,366,167
Race: Asian/PI	300	4.1%	\$2,441	\$1,102,945
Race: Black	256	3.5%	\$2,281	\$952,639
Ethnicity: Hispanic	282	3.8%	\$2,242	\$937,315
Age Group: 00-14	709	9.6%	\$1,408	\$1,287,042
Age Group: 15-24	889	12.0%	\$1,738	\$2,219,268
Age Group: 25-34	1,554	21.0%	\$1,995	\$4,761,242
Age Group: 35-44	1,498	20.3%	\$2,084	\$4,978,346
Age Group: 45-54	1,014	13.7%	\$2,215	\$3,447,683
Age Group: 55-64	913	12.4%	\$2,331	\$3,206,604
Age Group: 65-74	505	6.8%	\$2,210	\$1,699,827
Age Group: 75+	299	4.0%	\$2,702	\$1,146,246
Payer: Medicare	940	12.7%	\$2,311	\$3,305,614
Payer: Medicaid	3,921	53.1%	\$1,933	\$11,825,000
Payer: Commercial	1,296	17.5%	\$1,807	\$4,022,852
Payer: Self Pay	682	9.2%	\$1,893	\$1,922,780
Payer: Other	546	7.4%	\$1,899	\$1,677,646
Region: Anchorage	3,113	42.2%	\$2,431	\$11,150,024
Region: Gulf Coast	549	7.4%	\$2,133	\$1,835,789
Region: Interior	760	10.3%	\$1,738	\$1,905,426
Region: Mat-Su	827	11.2%	\$2,354	\$3,071,786
Region: Northern	523	7.1%	\$1,236	\$1,032,789
Region: Southeast	543	7.4%	\$1,367	\$1,280,352
Region: Southwest	848	11.5%	\$1,536	\$1,797,070
Region: Out of State	217	2.9%	\$1,876	\$670,958
Alaska 2021	7,385	100.0%	\$1,944	\$22,753,892
Alaska 2020	7,480	-	\$1,825	\$21,467,166
Alaska 2019	9,867	-	\$1,617	\$24,918,629

Table 57. #9 CCSR Category: Sprains and strains, initial encounter (2.9% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,256	46.6%	\$2,200	\$10,410,067
Sex: Female	3,718	53.3%	\$2,250	\$11,981,766
Race: White	3,370	48.3%	\$2,256	\$11,607,435
Race: AI/AN	1,860	26.6%	\$2,044	\$4,952,180
Race: Asian/PI	515	7.4%	\$2,284	\$1,652,548
Race: Black	488	7.0%	\$2,451	\$1,773,576
Ethnicity: Hispanic	423	6.1%	\$2,451	\$1,526,347
Age Group: 00-14	704	10.1%	\$2,100	\$1,598,942
Age Group: 15-24	1,352	19.4%	\$2,179	\$3,736,341
Age Group: 25-34	1,477	21.2%	\$2,210	\$4,573,243
Age Group: 35-44	1,149	16.5%	\$2,256	\$3,861,872
Age Group: 45-54	803	11.5%	\$2,300	\$2,841,988
Age Group: 55-64	796	11.4%	\$2,282	\$2,884,892
Age Group: 65-74	486	7.0%	\$2,567	\$2,015,767
Age Group: 75+	207	3.0%	\$2,627	\$878,790
Payer: Medicare	710	10.2%	\$2,522	\$2,689,416
Payer: Medicaid	2,478	35.5%	\$2,232	\$7,497,353
Payer: Commercial	2,084	29.9%	\$2,216	\$7,049,010
Payer: Self Pay	655	9.4%	\$2,244	\$1,979,805
Payer: Other	1,053	15.1%	\$2,077	\$3,183,150
Region: Anchorage	3,120	44.7%	\$2,550	\$11,724,568
Region: Gulf Coast	687	9.8%	\$2,478	\$2,511,788
Region: Interior	865	12.4%	\$1,609	\$1,759,976
Region: Mat-Su	621	8.9%	\$2,446	\$2,489,615
Region: Northern	415	5.9%	\$1,705	\$862,375
Region: Southeast	635	9.1%	\$1,348	\$1,379,476
Region: Southwest	339	4.9%	\$1,866	\$716,196
Region: Out of State	287	4.1%	\$2,194	\$934,538
Alaska 2021	6,980	100.0%	\$2,222	\$22,398,735
Alaska 2020	6,275	-	\$2,144	\$19,622,715
Alaska 2019	9,103	-	\$1,977	\$24,242,927

Table 58. #10 CCSR Category: Open wounds to limbs, initial encounter (2.8% of All ED Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,191	60.7%	\$1,923	\$10,945,976
Sex: Female	2,706	39.2%	\$1,869	\$6,659,894
Race: White	3,718	53.8%	\$1,969	\$9,957,972
Race: AI/AN	2,035	29.5%	\$1,629	\$4,593,286
Race: Asian/PI	299	4.3%	\$2,054	\$824,646
Race: Black	199	2.9%	\$2,040	\$485,340
Ethnicity: Hispanic	313	4.5%	\$1,983	\$765,423
Age Group: 00-14	1,027	14.9%	\$1,780	\$2,119,921
Age Group: 15-24	1,268	18.4%	\$1,885	\$3,277,128
Age Group: 25-34	1,450	21.0%	\$1,913	\$3,758,933
Age Group: 35-44	1,116	16.2%	\$1,909	\$2,984,123
Age Group: 45-54	697	10.1%	\$2,042	\$1,999,397
Age Group: 55-64	652	9.4%	\$1,869	\$1,595,672
Age Group: 65-74	453	6.6%	\$1,874	\$1,092,894
Age Group: 75+	235	3.4%	\$1,953	\$779,776
Payer: Medicare	657	9.5%	\$1,879	\$1,812,840
Payer: Medicaid	2,402	34.8%	\$1,879	\$6,378,713
Payer: Commercial	1,985	28.7%	\$1,933	\$4,906,239
Payer: Self Pay	736	10.7%	\$1,804	\$1,772,947
Payer: Other	1,129	16.3%	\$1,869	\$2,753,192
Region: Anchorage	2,640	38.2%	\$2,025	\$7,181,033
Region: Gulf Coast	840	12.2%	\$1,999	\$2,221,645
Region: Interior	716	10.4%	\$1,869	\$1,550,676
Region: Mat-Su	843	12.2%	\$2,972	\$2,991,262
Region: Northern	424	6.1%	\$1,509	\$929,544
Region: Southeast	729	10.6%	\$1,110	\$1,074,280
Region: Southwest	426	6.2%	\$1,531	\$949,620
Region: Out of State	273	4.0%	\$1,977	\$695,272
Alaska 2021	6,909	100.0%	\$1,872	\$17,623,931
Alaska 2020	6,480	-	\$1,718	\$15,497,248
Alaska 2019	7,098	-	\$1,635	\$15,548,174

2021 Leading Causes of Emergency Department Visits by Age Group

Table 59. Age Under 1 Year

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Other specified upper respiratory infections	608	13.1%
2	Fever	421	9.1%
3	Acute bronchitis	315	6.8%
4	Respiratory signs and symptoms	238	5.1%
5	Viral infection	222	4.8%
6	Otitis media	207	4.5%
7	Coronavirus disease – 2019 (COVID-19)	186	4.0%
8	Nausea and vomiting	182	3.9%
9	Other general signs and symptoms	132	2.8%
10	Other unspecified injury	129	2.8%

Table 60. Age 1 to 17

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Other specified upper respiratory infections	3,004	9.0%
2	Superficial injury; contusion, initial encounter	1,865	5.6%
3	Open wounds of head and neck, initial encounter	1,527	4.6%
4	Abdominal pain and other digestive/abdomen signs and symptoms	1,436	4.3%
5	Open wounds to limbs, initial encounter	1,296	3.9%
6	Fracture of the upper limb, initial encounter	1,237	3.7%
7	Sprains and strains, initial encounter	1,085	3.2%
8	Fever	909	2.7%
9	Viral infection	879	2.6%
10	Otitis media	852	2.5%

Table 61. Age 18 to 34

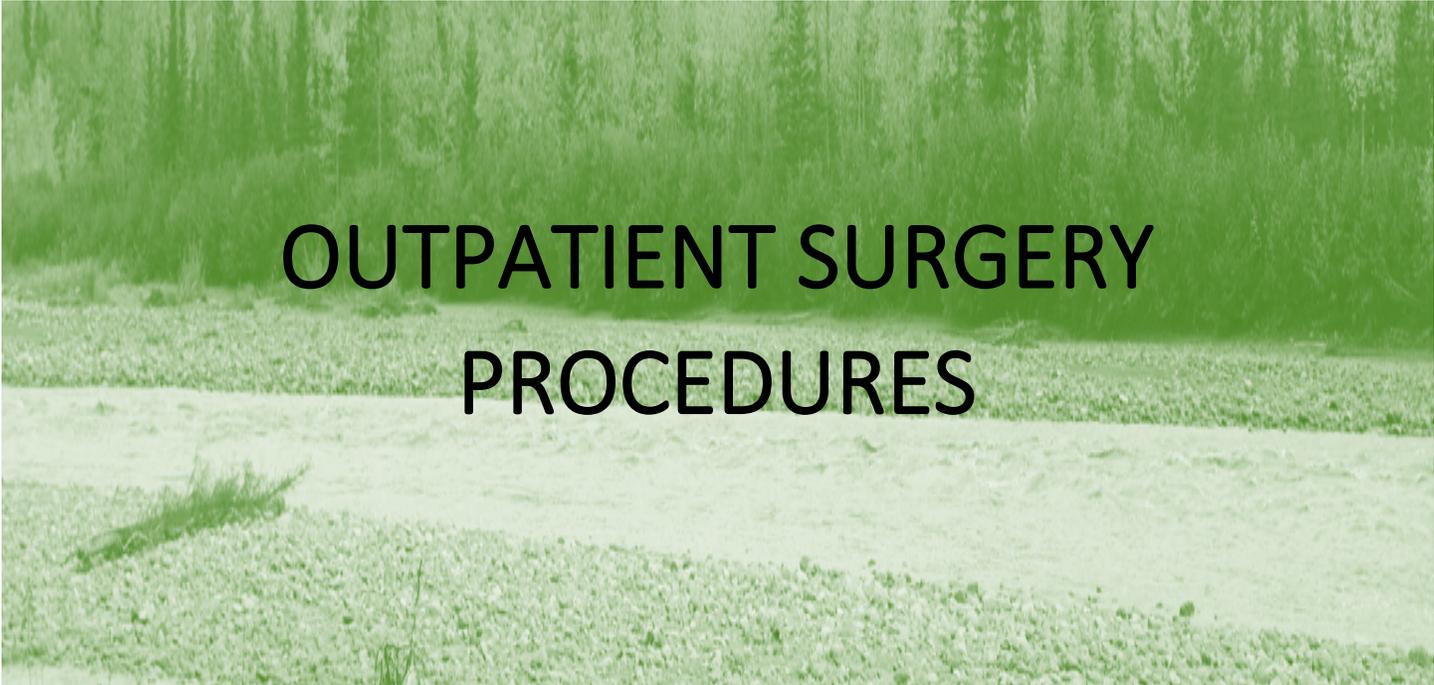
Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	3,914	5.6%
2	Alcohol-related disorders	2,840	4.1%
3	Other specified complications in pregnancy	2,628	3.8%
4	Superficial injury; contusion, initial encounter	2,468	3.5%
5	Sprains and strains, initial encounter	2,443	3.5%
6	Open wounds to limbs, initial encounter	2,431	3.5%
7	Coronavirus disease – 2019 (COVID-19)	2,356	3.4%
8	Other specified upper respiratory infections	2,316	3.3%
9	Skin and subcutaneous tissue infections	2,279	3.3%
10	Nonspecific chest pain	2,184	3.1%

Table 62. Age 35 to 64

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Alcohol-related disorders	5,971	6.2%
2	Nonspecific chest pain	5,017	5.2%
3	Abdominal pain and other digestive/abdomen signs and symptoms	4,833	5.0%
4	Coronavirus disease – 2019 (COVID-19)	4,365	4.5%
5	Musculoskeletal pain, not low back pain	3,489	3.6%
6	Skin and subcutaneous tissue infections	3,425	3.6%
7	Superficial injury; contusion, initial encounter	2,927	3.0%
8	Sprains and strains, initial encounter	2,748	2.8%
9	Open wounds to limbs, initial encounter	2,465	2.6%
10	Headache; including migraine	2,060	2.1%

Table 63. Age Over 64

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Nonspecific chest pain	2,084	5.4%
2	Abdominal pain and other digestive/abdomen signs and symptoms	1,565	4.1%
3	Coronavirus disease – 2019 (COVID-19)	1,561	4.1%
4	Urinary tract infections	1,446	3.8%
5	Musculoskeletal pain, not low back pain	1,358	3.5%
6	Respiratory signs and symptoms	1,292	3.4%
7	Superficial injury; contusion, initial encounter	1,267	3.3%
8	Cardiac dysrhythmias	904	2.4%
9	Chronic obstructive pulmonary disease and bronchiectasis	836	2.2%
10	Skin and subcutaneous tissue infections	804	2.1%



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. For the tables in this section, the surgery codes were grouped in both [major CPT defined groupings](#) and more specific CPT defined groupings. For example, one general CPT group is *Surgical Procedures on the Digestive System*, and two of the more specific CPT groups within that category are *Surgical Procedures on the Colon and Rectum*, and *Surgical Procedures on the Esophagus*.

The ten demographic tables by procedure group are only for the more specific 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, 6.9% of the surgery procedure listings (10,383) 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

- Alaska hospitals and ASCs billed primary payers \$1.0 billion for 139,734 surgery procedures with a billed amount in 2021 (150,117 total listed procedures, 10,383 without an accompanying billed amount).
- Overall, the number of surgery procedure listings increased 22% in 2021, and billed charges increased by 32%.
- The top ten outpatient surgery general CPT groups covered 145,696 (97%) of the 150,117 procedures listed on outpatient bills in 2021, whereas the top ten outpatient surgery more specific CPT categories include 93,636 (62%).
- *Surgical procedures on the colon and rectum* were the first leading CPT categories for six regions and second for one region, representing 16% of all outpatient surgery procedures statewide.
- The category with the highest percentage of female patients, besides *Surgical Procedures on the Corpus Uteri* at 100%, was *Surgical Procedures on the Anterior Segment of the Eye* at 56%, and the category with the highest percentages of male patients was *Surgical Procedures on the Abdomen, Peritoneum, and Omentum* at 72%.
- The top ten procedure categories that had a median charge over \$4,000 were *Endoscopy/Arthroscopy Procedures on the Musculoskeletal System* (\$12,955), *Surgical Procedures on Arteries and Veins* (\$7,101), and *Surgical Procedures on the Corpus Uteri* (\$4,967).
- 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 median procedure charge was \$3,458 to Commercial Insurers, \$3,458 to Medicaid, and \$3,069 to Medicare.
- The leading outpatient surgical procedures during 2021 for patients under age 35 were *Surgical Repair (Closure) Procedures on the Integumentary System*, and *Surgical Procedures on the Colon and Rectum* for adults aged 35 and over.
- Each of the top 10 procedure categories in 2021 increased over the 2020 procedure counts. The two procedure categories with the largest percent increase from 2020 to 2021 were *Surgical Procedures on the Colon and Rectum* (up 42%) and *Surgical Repair (Closure) Procedures on the Integumentary System* (up 30%).

2021 Regional Leading Outpatient Surgery Major CPT Groupings

Table 64. Top Ten Major CPT Group: Statewide

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	53,080	35.4%
2	Surgical Procedures on the Musculoskeletal System	30,652	20.4%
3	Surgical Procedures on the Integumentary System	22,634	15.1%
4	Surgical Procedures on the Eye and Ocular Adnexa	11,372	7.6%
5	Surgical Procedures on the Female Genital System	7,173	4.8%
6	Surgical Procedures on the Urinary System	5,439	3.6%
7	Surgical Procedures on the Cardiovascular System	4,859	3.2%
8	Surgical Procedures on the Respiratory System	4,811	3.2%
9	Surgical Procedures on the Nervous System	4,247	2.8%
10	Surgical Procedures on the Auditory System	1,429	1.0%

Table 65. Top Ten Major CPT Group: Anchorage Region

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	20,836	35.3%
2	Surgical Procedures on the Musculoskeletal System	10,968	18.6%
3	Surgical Procedures on the Integumentary System	8,037	13.6%
4	Surgical Procedures on the Eye and Ocular Adnexa	5,202	8.8%
5	Surgical Procedures on the Female Genital System	3,171	5.4%
6	Surgical Procedures on the Urinary System	2,342	4.0%
7	Surgical Procedures on the Respiratory System	2,281	3.9%
8	Surgical Procedures on the Cardiovascular System	2,150	3.6%
9	Surgical Procedures on the Nervous System	1,665	2.8%
10	Surgical Procedures on the Male Genital System	553	0.9%

Table 66. Top Ten Major CPT Group: Gulf Coast Region

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	15,524	39.0%
2	Surgical Procedures on the Musculoskeletal System	8,904	22.4%
3	Surgical Procedures on the Integumentary System	5,256	13.2%
4	Surgical Procedures on the Eye and Ocular Adnexa	2,220	5.6%
5	Surgical Procedures on the Female Genital System	1,909	4.8%
6	Surgical Procedures on the Urinary System	1,909	4.8%
7	Surgical Procedures on the Cardiovascular System	1,263	3.2%
8	Surgical Procedures on the Nervous System	884	2.2%
9	Surgical Procedures on the Respiratory System	696	1.7%
10	Surgical Procedures on the Male Genital System	431	1.1%

Table 67. Top Ten Major CPT Group: Interior Region

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	3,480	32.9%
2	Surgical Procedures on the Musculoskeletal System	2,630	24.9%
3	Surgical Procedures on the Integumentary System	1,501	14.2%
4	Surgical Procedures on the Eye and Ocular Adnexa	1,023	9.7%
5	Surgical Procedures on the Respiratory System	394	3.7%
6	Surgical Procedures on the Nervous System	388	3.7%
7	Surgical Procedures on the Cardiovascular System	382	3.6%
8	Surgical Procedures on the Female Genital System	190	1.8%
9	Surgical Procedures on the Urinary System	164	1.6%
10	Surgical Procedures on the Auditory System	149	1.4%

Table 68. Top Ten Major CPT Group: Matanuska-Susitna Region

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	7,198	33.3%
2	Surgical Procedures on the Musculoskeletal System	5,031	23.3%
3	Surgical Procedures on the Integumentary System	2,506	11.6%
4	Surgical Procedures on the Eye and Ocular Adnexa	1,824	8.4%
5	Surgical Procedures on the Respiratory System	1,084	5.0%
6	Surgical Procedures on the Nervous System	963	4.5%
7	Surgical Procedures on the Female Genital System	884	4.1%
8	Surgical Procedures on the Cardiovascular System	649	3.0%
9	Surgical Procedures on the Urinary System	555	2.6%
10	Surgical Procedures on the Auditory System	288	1.3%

Table 69. Top Ten Major CPT Group: Northern Region

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Integumentary System	1,452	34.8%
2	Surgical Procedures on the Digestive System	1,098	26.3%
3	Surgical Procedures on the Musculoskeletal System	583	14.0%
4	Surgical Procedures on the Female Genital System	315	7.5%
5	Surgical Procedures on the Eye and Ocular Adnexa	230	5.5%
6	Surgical Procedures on the Auditory System	108	2.6%
7	Surgical Procedures on the Urinary System	81	1.9%
8	Surgical Procedures on the Cardiovascular System	77	1.8%
9	Surgical Procedures on the Nervous System	62	1.5%
10	Surgical Procedures on the Respiratory System	49	1.2%

Table 70. Top Ten Major CPT Group: Southeast Region

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	3,138	37.1%
2	Surgical Procedures on the Integumentary System	1,797	21.3%
3	Surgical Procedures on the Musculoskeletal System	1,505	17.8%
4	Surgical Procedures on the Eye and Ocular Adnexa	553	6.5%
5	Surgical Procedures on the Female Genital System	338	4.0%
6	Surgical Procedures on the Urinary System	266	3.1%
7	Surgical Procedures on the Nervous System	210	2.5%
8	Surgical Procedures on the Cardiovascular System	205	2.4%
9	Surgical Procedures on the Respiratory System	181	2.1%
10	Surgical Procedures on the Male Genital System	70	0.8%

Table 71. Top Ten Major CPT Group: Southwest Region

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	1,382	29.5%
2	Surgical Procedures on the Integumentary System	1,372	29.3%
3	Surgical Procedures on the Musculoskeletal System	704	15.0%
4	Surgical Procedures on the Female Genital System	341	7.3%
5	Surgical Procedures on the Eye and Ocular Adnexa	278	5.9%
6	Surgical Procedures on the Auditory System	165	3.5%
7	Surgical Procedures on the Respiratory System	104	2.2%
8	Surgical Procedures on the Cardiovascular System	87	1.9%
9	Surgical Procedures on the Urinary System	75	1.6%
10	Surgical Procedures for Maternity Care and Delivery	56	1.2%

2021 Regional Leading Outpatient Surgery CPT Categories

Table 72. Top Ten CPT Categories: Statewide

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	24,535	16.3%
2	Surgical Procedures on the Esophagus	15,616	10.4%
3	Surgical Repair (Closure) Procedures on the Integumentary System	10,272	6.8%
4	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	9,232	6.1%
5	Surgical Procedures on the Anterior Segment of the Eye	9,073	6.0%
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	6,426	4.3%
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	5,475	3.6%
8	Surgical Procedures on the Bladder	5,211	3.5%
9	Surgical Procedures on Arteries and Veins	4,036	2.7%
10	Surgical Procedures on the Corpus Uteri	3,760	2.5%

Table 73. Top Ten CPT Categories: Anchorage Region

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	9,564	16.2%
2	Surgical Procedures on the Esophagus	6,118	10.4%
3	Surgical Procedures on the Anterior Segment of the Eye	4,075	6.9%
4	Surgical Repair (Closure) Procedures on the Integumentary System	3,688	6.2%
5	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	2,946	5.0%
6	Surgical Procedures on the Bladder	2,230	3.8%
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	2,139	3.6%
8	Surgical Procedures on the Breast	1,934	3.3%
9	Surgical Procedures on Arteries and Veins	1,783	3.0%
10	Surgical Procedures on the Corpus Uteri	1,753	3.0%

Table 74. Top Ten CPT Categories: Gulf Coast Region

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	7,602	19.1%
2	Surgical Procedures on the Esophagus	4,155	10.4%
3	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	3,128	7.9%
4	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	2,460	6.2%
5	Surgical Procedures on the Anterior Segment of the Eye	1,909	4.8%
6	Surgical Procedures on the Bladder	1,862	4.7%
7	Surgical Repair (Closure) Procedures on the Integumentary System	1,693	4.2%
8	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	1,600	4.0%
9	Surgical Procedures on Arteries and Veins	1,156	2.9%
10	Surgical Procedures on the Foot and Toes	1,152	2.9%

Table 75. Top Ten CPT Categories: Interior Region

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	1,816	17.2%
2	Surgical Procedures on the Esophagus	1,142	10.8%
3	Surgical Repair (Closure) Procedures on the Integumentary System	1,127	10.7%
4	Surgical Procedures on the Anterior Segment of the Eye	797	7.5%
5	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	776	7.3%
6	Surgical Procedures on the Shoulder	556	5.3%
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	297	2.8%
8	Surgical Procedures on the Hand and Fingers	267	2.5%
9	Surgical Procedures on Arteries and Veins	265	2.5%
10	Surgical Procedures on the Breast	253	2.4%

Table 76. Top Ten CPT Categories: Matanuska-Susitna Region

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	2,883	13.3%
2	Surgical Procedures on the Esophagus	2,466	11.4%
3	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	1,597	7.4%
4	Surgical Procedures on the Anterior Segment of the Eye	1,416	6.5%
5	Surgical Repair (Closure) Procedures on the Integumentary System	1,020	4.7%
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	887	4.1%
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	794	3.7%
8	Surgical Procedures on the Shoulder	537	2.5%
9	Surgical Procedures on the Femur (Thigh Region) and Knee Joint	526	2.4%
10	Surgical Procedures on the Spine and Spinal Cord	526	2.4%

Table 77. Top Ten CPT Categories: Northern Region

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Repair (Closure) Procedures on the Integumentary System	687	16.5%
2	Surgical Procedures on the Colon and Rectum	595	14.2%
3	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	322	7.7%
4	Surgical Procedures on the Esophagus	276	6.6%
5	Introduction or Removal Procedures on the Integumentary System	193	4.6%
6	Surgical Procedures on the Nails	191	4.6%
7	Surgical Procedures on the Anterior Segment of the Eye	188	4.5%
8	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	174	4.2%
9	Surgical Procedures on the Cervix Uteri	135	3.2%
10	Surgical Procedures on the Middle Ear	95	2.3%

Table 78. Top Ten CPT Categories: Southeast Region

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	1,341	15.9%
2	Surgical Repair (Closure) Procedures on the Integumentary System	1,031	12.2%
3	Surgical Procedures on the Esophagus	947	11.2%
4	Surgical Procedures on the Anterior Segment of the Eye	485	5.7%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	451	5.3%
6	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	423	5.0%
7	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	387	4.6%
8	Surgical Procedures on the Bladder	252	3.0%
9	Surgical Procedures on the Femur (Thigh Region) and Knee Joint	211	2.5%
10	Surgical Procedures on the Hand and Fingers	205	2.4%

Table 79. Top Ten CPT Categories: Southwest Region

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	615	13.1%
2	Surgical Repair (Closure) Procedures on the Integumentary System	525	11.2%
3	Surgical Procedures on the Esophagus	408	8.7%
4	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	390	8.3%
5	Introduction or Removal Procedures on the Integumentary System	247	5.3%
6	Surgical Procedures on the Anterior Segment of the Eye	182	3.9%
7	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	169	3.6%
8	Surgical Procedures on the Middle Ear	148	3.2%
9	Surgical Procedures on the Corpus Uteri	138	2.9%
10	Surgical Procedures on the Nails	130	2.8%

2021 Outpatient Surgery CPT Categories with Examples of Diagnoses

Table 80. Top Ten CPT Categories with Top Three Principal Diagnoses

Rank	CPT Category	ICD-10-CM Examples
1	Surgical Procedures on the Colon and Rectum 24,535 (16.3%)	Encounter for screening for malignant neoplasm of colon (12,157) Polyp of colon (1,946) Personal history of colonic polyps (655)
2	Surgical Procedures on the Esophagus 15,616 (10.4%)	Unspecified chronic gastritis without bleeding (2,311) Encounter for screening for malignant neoplasm of colon (1,108) Gastro-esophageal reflux disease with esophagitis, without bleeding (1,000)
3	Surgical Repair (Closure) Procedures on the Integumentary System 10,272 (6.8%)	Laceration without foreign body of other part of head, initial encounter (913) Laceration without foreign body of scalp, initial encounter (675) Laceration without foreign body of left hand, initial encounter (371)
4	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System 9,232 (6.1%)	Sprain of anterior cruciate ligament of left knee, initial encounter (528) Sprain of anterior cruciate ligament of right knee, initial encounter (458) Other tear of medial meniscus, current injury, right knee, initial encounter (387)
5	Surgical Procedures on the Anterior Segment of the Eye 9,073 (6.0%)	Combined forms of age-related cataract, right eye (2,268) Combined forms of age-related cataract, left eye (2,223) Age-related nuclear cataract, right eye (919)
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures 6,426 (4.3%)	Type 2 diabetes mellitus with foot ulcer (596) Cutaneous abscess of buttock (210) Epidermal cyst (190)
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum 5,475 (3.6%)	Unilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent (1,344) Umbilical hernia without obstruction or gangrene (553) Bilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent (458)
8	Surgical Procedures on the Bladder 5,211 (3.5%)	Calculus of kidney (808) Calculus of ureter (778) Calculus of kidney with calculus of ureter (612)
9	Surgical Procedures on Arteries and Veins 4,036 (2.7%)	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease (423) Stenosis of other vascular prosthetic devices, implants and grafts, initial encounter (355) Encounter for adjustment and management of vascular access device (273)
10	Surgical Procedures on the Corpus Uteri 3,760 (2.5%)	Polyp of corpus uteri (516) Abnormal uterine and vaginal bleeding, unspecified (276) Endometriosis of uterus (272)

2021 Leading Outpatient Surgery Procedures by Patient Characteristic

Table 81. All Outpatient Surgery Procedures

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	71,983	48.0%	\$3,262	66,967	\$480,165,070
Sex: Female	78,094	52.0%	\$3,744	72,733	\$538,301,908
Race: White	97,503	65.0%	\$2,980	91,198	\$602,995,646
Race: AI/AN	18,422	12.3%	\$4,208	16,338	\$118,361,491
Race: Asian/PI	6,956	4.6%	\$3,056	6,372	\$38,808,667
Race: Black	3,562	2.4%	\$2,980	3,109	\$20,819,629
Ethnicity: Hispanic	4,584	3.1%	\$2,529	4,128	\$23,963,977
Age Group: 00-14	8,003	5.3%	\$1,928	7,505	\$40,018,195
Age Group: 15-24	8,717	5.8%	\$2,967	8,048	\$55,402,562
Age Group: 25-34	13,617	9.1%	\$3,768	12,360	\$94,079,448
Age Group: 35-44	18,401	12.3%	\$4,700	16,929	\$144,216,482
Age Group: 45-54	22,919	15.3%	\$3,912	21,272	\$168,579,623
Age Group: 55-64	32,891	21.9%	\$3,875	30,726	\$242,181,715
Age Group: 65-74	31,481	21.0%	\$3,208	29,631	\$194,791,681
Age Group: 75+	14,075	9.4%	\$3,069	13,250	\$79,452,912
Payer: Medicare	41,217	27.5%	\$3,069	38,727	\$240,674,318
Payer: Medicaid	25,246	16.8%	\$3,458	22,908	\$159,700,671
Payer: Commercial	57,104	38.0%	\$3,458	53,342	\$399,505,366
Payer: Self Pay	6,219	4.1%	\$4,335	5,628	\$45,306,161
Payer: Other	20,331	13.5%	\$5,237	19,129	\$173,564,483
Region: Anchorage	59,045	39.3%	\$3,912	53,124	\$428,568,352
Region: Gulf Coast	39,838	26.5%	\$1,859	39,132	\$164,484,230
Region: Interior	10,580	7.0%	\$4,815	10,117	\$72,991,003
Region: Mat-Su	21,635	14.4%	\$7,867	19,749	\$249,526,566
Region: Northern	4,176	2.8%	\$2,925	3,861	\$25,871,513
Region: Southeast	8,448	5.6%	\$2,225	8,256	\$39,604,086
Region: Southwest	4,688	3.1%	\$4,208	3,936	\$30,523,582
Region: Out of State	1,658	1.1%	\$1,224	1,512	\$6,868,027
Alaska 2021	150,117	100.0%	\$3,463	139,734	\$1,018,750,999
Alaska 2020	123,003	-	\$3,052	114,769	\$773,927,183
Alaska 2019	130,792	-	\$3,030	126,104	\$802,321,755

Table 82. #1 CPT Category: Surgical Procedures on the Colon and Rectum (16.3% of Outpatient Surgery)

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	12,866	52.4%	\$2,665	12,193	\$33,700,054
Sex: Female	11,666	47.5%	\$2,665	11,073	\$31,992,721
Race: White	17,629	71.9%	\$2,484	16,761	\$43,306,142
Race: AI/AN	2,732	11.1%	\$5,091	2,581	\$10,139,410
Race: Asian/PI	1,101	4.5%	\$2,591	1,038	\$2,760,995
Race: Black	609	2.5%	\$2,944	543	\$1,509,043
Ethnicity: Hispanic	698	2.8%	\$2,453	651	\$1,675,214
Age Group: 00-14	344	1.4%	\$1,234	340	\$716,710
Age Group: 15-24	514	2.1%	\$2,012	486	\$1,207,856
Age Group: 25-34	844	3.4%	\$2,862	791	\$2,280,570
Age Group: 35-44	1,857	7.6%	\$2,980	1,751	\$5,662,451
Age Group: 45-54	5,137	20.9%	\$2,980	4,899	\$14,741,616
Age Group: 55-64	7,438	30.3%	\$2,665	7,032	\$20,455,150
Age Group: 65-74	6,759	27.5%	\$2,529	6,457	\$16,560,432
Age Group: 75+	1,642	6.7%	\$2,591	1,513	\$4,074,285
Payer: Medicare	6,976	28.4%	\$2,453	6,603	\$16,503,204
Payer: Medicaid	2,874	11.7%	\$2,862	2,713	\$8,680,634
Payer: Commercial	10,981	44.8%	\$2,980	10,425	\$30,378,874
Payer: Self Pay	639	2.6%	\$5,091	611	\$2,715,460
Payer: Other	3,065	12.5%	\$2,591	2,917	\$7,420,897
Region: Anchorage	9,564	39.0%	\$2,980	8,695	\$26,840,575
Region: Gulf Coast	7,602	31.0%	\$1,311	7,512	\$13,489,874
Region: Interior	1,816	7.4%	\$1,721	1,797	\$3,576,109
Region: Mat-Su	2,883	11.8%	\$5,244	2,696	\$14,240,798
Region: Northern	595	2.4%	\$4,019	566	\$2,216,999
Region: Southeast	1,341	5.5%	\$1,881	1,325	\$2,895,570
Region: Southwest	615	2.5%	\$5,091	564	\$2,202,902
Region: Out of State	119	0.5%	\$2,174	114	\$236,243
Alaska 2021	24,535	100.0%	\$2,665	23,269	\$65,699,070
Alaska 2020	17,278	-	\$2,529	16,349	\$43,522,487
Alaska 2019	18,669	-	\$2,529	18,226	\$49,474,308

Table 83. #2 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	7,137	45.7%	\$1,996	6,623	\$17,173,955
Sex: Female	8,479	54.3%	\$2,235	7,929	\$22,216,581
Race: White	11,033	70.7%	\$1,881	10,269	\$26,060,886
Race: AI/AN	1,756	11.2%	\$3,355	1,651	\$5,715,882
Race: Asian/PI	686	4.4%	\$2,342	645	\$1,573,401
Race: Black	417	2.7%	\$1,650	369	\$900,841
Ethnicity: Hispanic	603	3.9%	\$1,567	554	\$1,293,765
Age Group: 00-14	727	4.7%	\$920	713	\$1,412,343
Age Group: 15-24	818	5.2%	\$1,567	787	\$1,851,077
Age Group: 25-34	1,199	7.7%	\$2,710	1,110	\$3,248,975
Age Group: 35-44	1,847	11.8%	\$2,764	1,729	\$5,293,773
Age Group: 45-54	2,302	14.7%	\$2,710	2,153	\$6,228,816
Age Group: 55-64	3,550	22.7%	\$2,692	3,270	\$9,521,993
Age Group: 65-74	3,508	22.5%	\$1,881	3,258	\$7,946,063
Age Group: 75+	1,665	10.7%	\$1,879	1,532	\$3,887,496
Payer: Medicare	4,539	29.1%	\$1,808	4,192	\$10,213,118
Payer: Medicaid	2,771	17.7%	\$2,121	2,594	\$7,370,885
Payer: Commercial	6,071	38.9%	\$2,387	5,681	\$16,017,934
Payer: Self Pay	352	2.3%	\$4,208	323	\$1,262,779
Payer: Other	1,883	12.1%	\$2,710	1,762	\$4,525,820
Region: Anchorage	6,118	39.2%	\$2,967	5,484	\$15,104,527
Region: Gulf Coast	4,155	26.6%	\$973	4,087	\$6,635,332
Region: Interior	1,142	7.3%	\$1,721	1,109	\$2,592,872
Region: Mat-Su	2,466	15.8%	\$5,050	2,203	\$10,601,227
Region: Northern	276	1.8%	\$4,208	257	\$972,160
Region: Southeast	947	6.1%	\$1,881	926	\$2,051,566
Region: Southwest	408	2.6%	\$3,056	392	\$1,162,140
Region: Out of State	104	0.7%	\$1,829	94	\$270,712
Alaska 2021	15,616	100.0%	\$2,020	14,552	\$39,390,536
Alaska 2020	12,708	-	\$1,883	11,963	\$29,345,816
Alaska 2019	12,386	-	\$1,793	11,995	\$28,395,229

Table 84. #3 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	6,397	62.3%	\$635	5,600	\$9,432,349
Sex: Female	3,866	37.6%	\$674	3,373	\$10,531,636
Race: White	5,947	57.9%	\$635	5,268	\$10,601,585
Race: AI/AN	2,200	21.4%	\$490	1,896	\$2,794,061
Race: Asian/PI	475	4.6%	\$635	376	\$577,374
Race: Black	268	2.6%	\$635	187	\$303,957
Ethnicity: Hispanic	399	3.9%	\$635	339	\$540,025
Age Group: 00-14	1,687	16.4%	\$618	1,479	\$2,016,334
Age Group: 15-24	1,286	12.5%	\$624	1,124	\$1,393,065
Age Group: 25-34	1,686	16.4%	\$635	1,418	\$2,738,042
Age Group: 35-44	1,299	12.6%	\$635	1,118	\$3,038,746
Age Group: 45-54	1,100	10.7%	\$698	937	\$2,808,856
Age Group: 55-64	1,308	12.7%	\$772	1,180	\$3,572,246
Age Group: 65-74	1,197	11.7%	\$1,921	1,087	\$2,956,638
Age Group: 75+	701	6.8%	\$698	631	\$1,452,805
Payer: Medicare	1,915	18.6%	\$1,238	1,735	\$4,334,044
Payer: Medicaid	2,565	25.0%	\$631	2,171	\$3,728,536
Payer: Commercial	3,150	30.7%	\$635	2,782	\$5,382,147
Payer: Self Pay	1,113	10.8%	\$635	994	\$3,776,839
Payer: Other	1,529	14.9%	\$635	1,300	\$2,758,665
Region: Anchorage	3,688	35.9%	\$698	2,851	\$7,948,486
Region: Gulf Coast	1,693	16.5%	\$610	1,672	\$2,376,338
Region: Interior	1,127	11.0%	\$490	1,031	\$1,198,858
Region: Mat-Su	1,020	9.9%	\$3,208	907	\$5,295,418
Region: Northern	687	6.7%	\$1,096	674	\$1,162,421
Region: Southeast	1,031	10.0%	\$330	1,026	\$872,691
Region: Southwest	525	5.1%	\$349	376	\$658,807
Region: Out of State	477	4.6%	\$635	423	\$450,333
Alaska 2021	10,272	100.0%	\$635	8,982	\$19,980,230
Alaska 2020	7,901	-	\$529	6,803	\$12,427,384
Alaska 2019	8,650	-	\$608	8,167	\$13,692,382

Table 85. #4 CPT Category: Endoscopy/Arthroscopy Procedures on the Musculoskeletal System (6.1% of Outpatient Surgery)

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	4,705	51.0%	\$12,955	4,377	\$55,234,072
Sex: Female	4,522	49.0%	\$12,955	4,176	\$51,150,530
Race: White	5,890	63.8%	\$9,781	5,516	\$59,190,800
Race: AI/AN	807	8.7%	\$14,762	578	\$8,831,919
Race: Asian/PI	214	2.3%	\$14,231	200	\$2,832,146
Race: Black	161	1.7%	\$12,955	143	\$1,715,395
Ethnicity: Hispanic	211	2.3%	\$11,364	179	\$2,109,685
Age Group: 00-14	78	0.8%	\$11,364	68	\$1,040,934
Age Group: 15-24	748	8.1%	\$14,893	671	\$10,151,954
Age Group: 25-34	1,049	11.4%	\$13,270	957	\$12,436,905
Age Group: 35-44	1,591	17.2%	\$12,984	1,462	\$18,852,237
Age Group: 45-54	1,880	20.4%	\$13,946	1,717	\$22,402,385
Age Group: 55-64	2,420	26.2%	\$12,955	2,284	\$27,084,047
Age Group: 65-74	1,219	13.2%	\$9,321	1,152	\$12,425,260
Age Group: 75+	247	2.7%	\$9,000	243	\$2,023,717
Payer: Medicare	1,239	13.4%	\$9,066	1,184	\$11,875,225
Payer: Medicaid	1,375	14.9%	\$12,521	1,190	\$15,052,760
Payer: Commercial	3,712	40.2%	\$12,955	3,417	\$42,379,131
Payer: Self Pay	254	2.8%	\$12,352	202	\$2,888,365
Payer: Other	2,652	28.7%	\$14,231	2,561	\$34,221,958
Region: Anchorage	2,946	31.9%	\$15,215	2,698	\$41,755,850
Region: Gulf Coast	3,128	33.9%	\$6,030	3,070	\$21,819,991
Region: Interior	776	8.4%	\$9,000	744	\$7,696,898
Region: Mat-Su	1,597	17.3%	\$18,035	1,384	\$26,777,821
Region: Northern	174	1.9%	\$16,766	123	\$2,319,307
Region: Southeast	387	4.2%	\$5,967	367	\$3,242,155
Region: Southwest	169	1.8%	\$17,172	115	\$2,121,958
Region: Out of State	52	0.6%	\$12,300	50	\$622,041
Alaska 2021	9,232	100.0%	\$12,955	8,554	\$106,417,440
Alaska 2020	7,458	-	\$12,955	6,873	\$83,508,320
Alaska 2019	7,527	-	\$12,548	7,170	\$82,490,468

Table 86. #5 CPT Category: Surgical Procedures on the Anterior Segment of the Eye (6.0% of Outpatient Surgery)

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,961	43.7%	\$3,912	3,942	\$19,637,897
Sex: Female	5,112	56.3%	\$3,912	5,086	\$24,412,632
Race: White	4,530	49.9%	\$3,912	4,508	\$18,398,888
Race: AI/AN	762	8.4%	\$7,532	753	\$5,175,881
Race: Asian/PI	457	5.0%	\$3,912	454	\$2,222,990
Race: Black	166	1.8%	\$3,912	165	\$834,392
Ethnicity: Hispanic	90	1.0%	\$5,977	90	\$510,562
Age Group: 00-14	20	0.2%	\$6,542	19	\$128,813
Age Group: 15-24	4	0.0%	\$6,057	4	\$30,149
Age Group: 25-34	40	0.4%	\$8,892	40	\$303,863
Age Group: 35-44	119	1.3%	\$6,978	116	\$798,015
Age Group: 45-54	414	4.6%	\$3,912	413	\$2,360,603
Age Group: 55-64	1,882	20.7%	\$4,304	1,865	\$10,322,431
Age Group: 65-74	4,246	46.8%	\$3,912	4,228	\$19,812,180
Age Group: 75+	2,348	25.9%	\$3,912	2,343	\$10,294,475
Payer: Medicare	5,512	60.8%	\$3,912	5,496	\$24,438,355
Payer: Medicaid	472	5.2%	\$7,532	462	\$3,313,707
Payer: Commercial	2,000	22.0%	\$3,912	1,984	\$9,988,597
Payer: Self Pay	161	1.8%	\$7,532	160	\$1,118,652
Payer: Other	928	10.2%	\$4,304	926	\$5,191,218
Region: Anchorage	4,075	44.9%	\$3,912	4,056	\$20,013,661
Region: Gulf Coast	1,909	21.0%	\$2,528	1,903	\$5,624,532
Region: Interior	797	8.8%	\$6,002	795	\$4,853,948
Region: Mat-Su	1,416	15.6%	\$6,978	1,406	\$8,978,545
Region: Northern	188	2.1%	\$9,211	188	\$1,484,273
Region: Southeast	485	5.3%	\$3,912	481	\$1,709,594
Region: Southwest	182	2.0%	\$7,532	180	\$1,289,061
Region: Out of State	19	0.2%	\$3,912	17	\$82,959
Alaska 2021	9,073	100.0%	\$3,912	9,028	\$44,050,529
Alaska 2020	7,293	-	\$3,586	7,252	\$29,539,458
Alaska 2019	8,887	-	\$3,259	8,868	\$35,548,617

Table 87. #6 CPT Category: Surgical Procedures on the Skin, Subcutaneous and Accessory Structures (4.3% of Outpatient Surgery)

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,686	57.4%	\$943	3,376	\$7,651,768
Sex: Female	2,736	42.6%	\$905	2,509	\$5,989,139
Race: White	4,092	63.7%	\$894	3,804	\$7,918,011
Race: AI/AN	1,308	20.4%	\$988	1,194	\$3,633,073
Race: Asian/PI	182	2.8%	\$1,114	146	\$216,563
Race: Black	130	2.0%	\$658	79	\$142,614
Ethnicity: Hispanic	249	3.9%	\$644	218	\$355,944
Age Group: 00-14	408	6.3%	\$989	387	\$1,013,501
Age Group: 15-24	487	7.6%	\$892	429	\$961,207
Age Group: 25-34	740	11.5%	\$1,004	628	\$1,609,680
Age Group: 35-44	815	12.7%	\$1,012	677	\$1,751,613
Age Group: 45-54	801	12.5%	\$1,114	704	\$1,982,365
Age Group: 55-64	1,165	18.1%	\$1,000	1,107	\$3,140,267
Age Group: 65-74	1,101	17.1%	\$770	1,070	\$2,064,293
Age Group: 75+	906	14.1%	\$644	884	\$1,119,129
Payer: Medicare	2,154	33.5%	\$644	2,095	\$3,420,155
Payer: Medicaid	1,533	23.9%	\$879	1,291	\$3,468,910
Payer: Commercial	1,657	25.8%	\$1,033	1,533	\$3,999,243
Payer: Self Pay	460	7.2%	\$1,438	416	\$1,414,768
Payer: Other	622	9.7%	\$1,000	554	\$1,341,850
Region: Anchorage	1,650	25.7%	\$1,438	1,297	\$4,213,810
Region: Gulf Coast	2,460	38.3%	\$644	2,454	\$2,665,632
Region: Interior	91	1.4%	\$2,174	85	\$334,572
Region: Mat-Su	887	13.8%	\$1,114	828	\$3,865,776
Region: Northern	322	5.0%	\$920	319	\$718,063
Region: Southeast	451	7.0%	\$730	449	\$946,439
Region: Southwest	390	6.1%	\$316	299	\$637,828
Region: Out of State	172	2.7%	\$644	155	\$259,935
Alaska 2021	6,426	100.0%	\$943	5,889	\$13,644,925
Alaska 2020	5,774	-	\$819	5,243	\$10,352,520
Alaska 2019	6,011	-	\$798	5,640	\$10,576,152

Table 88. #7 CPT Category: Surgical Procedures on the Abdomen, Peritoneum, and Omentum (3.6% of Outpatient Surgery)

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,921	71.6%	\$3,511	3,636	\$32,421,150
Sex: Female	1,554	28.4%	\$3,326	1,377	\$11,069,771
Race: White	4,130	75.4%	\$3,326	3,809	\$29,537,554
Race: AI/AN	371	6.8%	\$9,342	334	\$4,609,381
Race: Asian/PI	206	3.8%	\$2,553	179	\$1,039,611
Race: Black	144	2.6%	\$2,275	123	\$852,150
Ethnicity: Hispanic	214	3.9%	\$3,092	185	\$1,434,201
Age Group: 00-14	329	6.0%	\$2,139	325	\$1,677,285
Age Group: 15-24	191	3.5%	\$4,016	176	\$1,646,078
Age Group: 25-34	441	8.1%	\$6,334	398	\$4,114,050
Age Group: 35-44	659	12.0%	\$5,849	595	\$6,605,175
Age Group: 45-54	1,032	18.8%	\$3,344	954	\$8,096,465
Age Group: 55-64	1,328	24.3%	\$3,344	1,199	\$10,333,239
Age Group: 65-74	1,073	19.6%	\$3,335	982	\$8,149,365
Age Group: 75+	422	7.7%	\$3,335	384	\$2,869,265
Payer: Medicare	1,484	27.1%	\$3,092	1,363	\$9,773,471
Payer: Medicaid	1,080	19.7%	\$3,344	992	\$8,109,466
Payer: Commercial	2,187	39.9%	\$3,899	1,993	\$19,082,783
Payer: Self Pay	203	3.7%	\$3,840	190	\$1,700,179
Payer: Other	521	9.5%	\$7,114	475	\$4,825,022
Region: Anchorage	2,139	39.1%	\$3,326	1,839	\$17,464,930
Region: Gulf Coast	1,600	29.2%	\$2,750	1,577	\$7,542,799
Region: Interior	297	5.4%	\$10,145	284	\$2,767,419
Region: Mat-Su	794	14.5%	\$13,970	712	\$10,697,499
Region: Northern	60	1.1%	\$12,054	52	\$924,268
Region: Southeast	423	7.7%	\$2,758	413	\$2,272,676
Region: Southwest	109	2.0%	\$11,150	87	\$1,473,183
Region: Out of State	52	0.9%	\$3,209	48	\$338,592
Alaska 2021	5,475	100.0%	\$3,360	5,013	\$43,490,921
Alaska 2020	5,057	-	\$3,315	4,699	\$35,702,607
Alaska 2019	4,572	-	\$3,505	4,371	\$33,681,252

Table 89. #8 CPT Category: Surgical Procedures on the Bladder (3.5% of Outpatient Surgery)

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,105	59.6%	\$2,706	3,046	\$18,630,338
Sex: Female	2,106	40.4%	\$2,590	2,068	\$12,634,435
Race: White	4,261	81.8%	\$2,137	4,206	\$22,082,533
Race: AI/AN	256	4.9%	\$12,352	224	\$2,854,549
Race: Asian/PI	234	4.5%	\$1,936	232	\$1,009,423
Race: Black	111	2.1%	\$2,087	109	\$495,096
Ethnicity: Hispanic	129	2.5%	\$1,920	127	\$613,631
Age Group: 00-14	91	1.7%	\$2,140	90	\$538,418
Age Group: 15-24	86	1.7%	\$3,386	86	\$631,322
Age Group: 25-34	194	3.7%	\$3,075	191	\$1,306,137
Age Group: 35-44	548	10.5%	\$2,844	537	\$3,658,204
Age Group: 45-54	489	9.4%	\$4,163	465	\$3,691,162
Age Group: 55-64	1,174	22.5%	\$2,844	1,152	\$7,403,077
Age Group: 65-74	1,469	28.2%	\$2,698	1,449	\$8,397,959
Age Group: 75+	1,160	22.3%	\$2,019	1,144	\$5,638,492
Payer: Medicare	2,285	43.8%	\$2,254	2,249	\$12,121,472
Payer: Medicaid	722	13.9%	\$2,983	695	\$4,748,515
Payer: Commercial	1,746	33.5%	\$2,824	1,728	\$11,187,639
Payer: Self Pay	72	1.4%	\$6,396	62	\$585,764
Payer: Other	386	7.4%	\$3,643	380	\$2,621,383
Region: Anchorage	2,230	42.8%	\$2,132	2,186	\$11,848,901
Region: Gulf Coast	1,862	35.7%	\$1,811	1,854	\$6,874,091
Region: Interior	152	2.9%	\$11,985	150	\$1,833,605
Region: Mat-Su	518	9.9%	\$16,407	496	\$7,859,502
Region: Northern	79	1.5%	\$4,089	74	\$567,457
Region: Southeast	252	4.8%	\$2,822	243	\$1,345,060
Region: Southwest	71	1.4%	\$9,315	65	\$738,838
Region: Out of State	47	0.9%	\$2,141	46	\$197,318
Alaska 2021	5,211	100.0%	\$2,668	5,114	\$31,264,772
Alaska 2020	4,859	-	\$2,680	4,699	\$28,667,429
Alaska 2019	4,512	-	\$2,878	4,466	\$27,568,189

Table 90. #9 CPT Category: Surgical Procedures on Arteries and Veins (2.7% of Outpatient Surgery)

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	2,035	50.4%	\$7,092	1,811	\$16,972,550
Sex: Female	2,001	49.6%	\$7,101	1,843	\$15,438,453
Race: White	2,548	63.1%	\$5,776	2,313	\$18,830,324
Race: AI/AN	344	8.5%	\$11,314	310	\$3,761,649
Race: Asian/PI	599	14.8%	\$7,842	556	\$4,943,077
Race: Black	226	5.6%	\$13,455	199	\$2,336,277
Ethnicity: Hispanic	136	3.4%	\$7,109	115	\$1,024,881
Age Group: 00-14	64	1.6%	\$1,505	64	\$185,368
Age Group: 15-24	75	1.9%	\$1,949	72	\$373,822
Age Group: 25-34	150	3.7%	\$7,842	128	\$1,163,810
Age Group: 35-44	322	8.0%	\$7,363	290	\$2,392,579
Age Group: 45-54	531	13.2%	\$7,842	497	\$4,577,064
Age Group: 55-64	966	23.9%	\$7,105	852	\$7,460,399
Age Group: 65-74	1,169	29.0%	\$6,936	1,044	\$9,938,274
Age Group: 75+	759	18.8%	\$6,699	707	\$6,319,687
Payer: Medicare	2,121	52.6%	\$7,101	1,930	\$17,536,388
Payer: Medicaid	442	11.0%	\$7,374	400	\$3,612,519
Payer: Commercial	1,098	27.2%	\$6,871	993	\$7,903,299
Payer: Self Pay	73	1.8%	\$9,342	64	\$640,903
Payer: Other	302	7.5%	\$6,699	267	\$2,717,894
Region: Anchorage	1,783	44.2%	\$8,626	1,555	\$15,155,963
Region: Gulf Coast	1,156	28.6%	\$1,731	1,105	\$5,624,260
Region: Interior	265	6.6%	\$7,533	244	\$2,844,261
Region: Mat-Su	508	12.6%	\$11,627	455	\$6,229,560
Region: Northern	42	1.0%	\$12,352	32	\$374,415
Region: Southeast	172	4.3%	\$4,443	166	\$1,202,966
Region: Southwest	70	1.7%	\$8,626	63	\$614,865
Region: Out of State	39	1.0%	\$7,838	33	\$348,431
Alaska 2021	4,036	100.0%	\$7,101	3,654	\$32,411,003
Alaska 2020	3,687	-	\$6,380	3,390	\$29,690,608
Alaska 2019	3,726	-	\$5,614	3,636	\$31,631,910

Table 91. #10 CPT Category: Surgical Procedures on the Corpus Uteri (2.5% of Outpatient Surgery)

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Female	3,754	99.8%	\$4,952	3,444	\$33,267,434
Race: White	2,449	65.1%	\$4,655	2,277	\$21,383,315
Race: AI/AN	493	13.1%	\$2,091	438	\$4,070,469
Race: Asian/PI	281	7.5%	\$4,402	250	\$2,278,848
Race: Black	138	3.7%	\$4,482	124	\$1,309,783
Ethnicity: Hispanic	153	4.1%	\$5,438	138	\$1,454,237
Age Group: 15-24	65	1.7%	\$10,835	53	\$493,979
Age Group: 25-34	495	13.2%	\$6,549	437	\$4,640,893
Age Group: 35-44	1,160	30.9%	\$6,600	1,059	\$12,160,883
Age Group: 45-54	979	26.0%	\$4,692	915	\$8,628,182
Age Group: 55-64	554	14.7%	\$3,820	517	\$4,087,167
Age Group: 65-74	376	10.0%	\$3,680	349	\$2,621,938
Age Group: 75+	131	3.5%	\$2,204	120	\$707,843
Payer: Medicare	530	14.1%	\$3,252	493	\$3,351,630
Payer: Medicaid	708	18.8%	\$5,063	633	\$6,342,335
Payer: Commercial	2,201	58.5%	\$6,038	2,040	\$20,941,257
Payer: Self Pay	171	4.5%	\$973	148	\$1,218,291
Payer: Other	150	4.0%	\$4,975	136	\$1,487,373
Region: Anchorage	1,753	46.6%	\$6,326	1,562	\$16,074,762
Region: Gulf Coast	1,057	28.1%	\$2,493	1,029	\$5,763,519
Region: Interior	92	2.4%	\$5,130	81	\$748,567
Region: Mat-Su	448	11.9%	\$18,096	403	\$7,779,613
Region: Northern	88	2.3%	\$2,873	78	\$790,218
Region: Southeast	175	4.7%	\$4,753	168	\$971,461
Region: Southwest	138	3.7%	\$2,257	120	\$1,078,987
Region: Out of State	8	0.2%	\$12,164	8	\$113,083
Alaska 2021	3,760	100.0%	\$4,967	3,450	\$33,340,885
Alaska 2020	3,357	-	\$4,056	3,101	\$26,626,878
Alaska 2019	3,455	-	\$3,969	3,283	\$27,205,041

2021 Leading Outpatient Surgery Procedures by Age Group

Table 92. Age Under 1 Year

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Penis	182	36.6%
2	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	46	9.3%
3	Surgical Procedures on the Esophagus	34	6.8%
4	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	33	6.6%
5	Surgical Repair (Closure) Procedures on the Integumentary System	32	6.4%
6	Surgical Procedures on the Bladder	31	6.2%
7	Surgical Procedures on the Middle Ear	24	4.8%
8	Surgical Procedures on the Leg (Tibia and Fibula) and Ankle Joint	20	4.0%
9	Surgical Procedures on the Colon and Rectum	12	2.4%
10	Surgical Procedures on the Pharynx, Adenoids, and Tonsils	9	1.8%

Table 93. Age 1 to 17

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Repair (Closure) Procedures on the Integumentary System	1,958	19.4%
2	Surgical Procedures on the Esophagus	1,050	10.4%
3	Surgical Procedures on the Pharynx, Adenoids, and Tonsils	844	8.4%
4	Surgical Procedures on the Middle Ear	740	7.3%
5	Surgical Procedures on the Colon and Rectum	533	5.3%
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	502	5.0%
7	Surgical Procedures on the Nails	352	3.5%
8	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	340	3.4%
9	Surgical Procedures on the Appendix	331	3.3%
10	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	313	3.1%

Table 94. Age 18 to 34

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Repair (Closure) Procedures on the Integumentary System	2,669	13.5%
2	Surgical Procedures on the Esophagus	1,660	8.4%
3	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	1,535	7.8%
4	Surgical Procedures on the Colon and Rectum	1,157	5.9%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	1,100	5.6%
6	Surgical Procedures on the Nose	808	4.1%
7	Introduction or Removal Procedures on the Integumentary System	689	3.5%
8	Surgical Procedures on the Oviduct/Ovary	688	3.5%
9	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	602	3.0%
10	Surgical Procedures on the Appendix	568	2.9%

Table 95. Age 35 to 64

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	14,432	19.4%
2	Surgical Procedures on the Esophagus	7,699	10.4%
3	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	5,891	7.9%
4	Surgical Repair (Closure) Procedures on the Integumentary System	3,707	5.0%
5	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	3,019	4.1%
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	2,781	3.7%
7	Surgical Procedures on the Corpus Uteri	2,693	3.6%
8	Surgical Procedures on the Anterior Segment of the Eye	2,415	3.3%
9	Surgical Procedures on the Bladder	2,211	3.0%
10	Surgical Procedures on the Breast	2,144	2.9%

Table 96. Age Over 64

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	8,401	18.4%
2	Surgical Procedures on the Anterior Segment of the Eye	6,594	14.5%
3	Surgical Procedures on the Esophagus	5,173	11.4%
4	Surgical Procedures on the Bladder	2,629	5.8%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	2,007	4.4%
6	Surgical Procedures on Arteries and Veins	1,928	4.2%
7	Surgical Repair (Closure) Procedures on the Integumentary System	1,898	4.2%
8	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	1,495	3.3%
9	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	1,466	3.2%
10	Surgical Procedures on the Femur (Thigh Region) and Knee Joint	1,124	2.5%

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 (614,315) 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 41,770 visits to 19 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 614,315 for outpatient non-ED/non-lab discharges in this chapter are a combination of the outpatient other count of 529,750 and the outpatient surgery count of 84,565 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 2021, Alaska facilities billed \$3.1 billion for 614,315 outpatient visits that were not emergency department visits and not exclusively a lab or radiology visit (non-ED/non-lab). Both were increases from the 2020 billed amount of \$2.5 billion and 543,216 visits.
- The top ten outpatient non-ED/non-lab ICD-10-CM Categories cover 470,593 (77%) of the 614,315 Alaska non-ED/non-lab visits in 2021.
- The top ten outpatient non-ED/non-Lab CCSR Diagnosis Categories cover 206,417 (34%) of the 614,315 Alaska non-ED/non-lab visits in 2021.
- The number one CCSR category, at 11.8% of this chapter's 2021 visits, was *exposure, encounters, screening or contact with infectious disease* with 71,965 visits. This is an increase over the 39,808 visits in 2020.
- The top three specific ICD-10-CM principal diagnoses in the number one CCSR category are: *encounter for immunization* (52,881 visits), *Contact with and (suspected) exposure to COVID-19* (16,231 visits), and *encounter for screening for infections with a predominantly sexual mode of transmission* (1,148 visits).
- The median charge for outpatient non-ED/non-Lab visits was \$618 and 58% of visits were by women.

2021 Regional Major Leading Causes of Outpatient Non-ED/Non-Lab Visits

Table 97. Top Ten Major ICD-10-CM Code Ranges: Statewide

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	116,955	19.04%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	75,230	12.25%
3	Z00-Z13 Persons encountering health services for examinations	59,860	9.74%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	53,937	8.78%
5	I00-I99 Diseases of the circulatory system	33,477	5.45%
6	K00-K95 Diseases of the digestive system	32,726	5.33%
7	S00-T88 Injury, poisoning, and certain other consequences of external causes	31,466	5.12%
8	C00-D49 Neoplasms	22,776	3.71%
9	N00-N99 Diseases of the genitourinary system	22,413	3.65%
10	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	21,753	3.54%

Table 98. Top Ten Major ICD-10-CM Code Ranges: Anchorage Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	50,050	20.62%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	29,717	12.24%
3	Z00-Z13 Persons encountering health services for examinations	28,174	11.61%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	20,020	8.25%
5	K00-K95 Diseases of the digestive system	12,192	5.02%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	11,656	4.80%
7	I00-I99 Diseases of the circulatory system	9,627	3.97%
8	L00-L99 Diseases of the skin and subcutaneous tissue	9,308	3.83%
9	N00-N99 Diseases of the genitourinary system	8,887	3.66%
10	J00-J99 Diseases of the respiratory system	8,385	3.45%

Table 99. Top Ten Major ICD-10-CM Code Ranges: Gulf Coast Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	15,306	14.91%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	12,457	12.13%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	10,970	10.69%
4	Z00-Z13 Persons encountering health services for examinations	8,368	8.15%
5	G00-G99 Diseases of the nervous system	5,791	5.64%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	5,763	5.61%
7	I00-I99 Diseases of the circulatory system	5,483	5.34%
8	K00-K95 Diseases of the digestive system	5,312	5.17%
9	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	5,135	5.00%
10	C00-D49 Neoplasms	4,594	4.47%

Table 100. Top Ten Major ICD-10-CM Code Ranges: Interior Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	I00-I99 Diseases of the circulatory system	6,807	15.95%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	5,893	13.81%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	4,630	10.85%
4	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	4,250	9.96%
5	K00-K95 Diseases of the digestive system	3,144	7.37%
6	C00-D49 Neoplasms	2,893	6.78%
7	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,469	5.78%
8	Z00-Z13 Persons encountering health services for examinations	2,268	5.31%
9	N00-N99 Diseases of the genitourinary system	1,470	3.44%
10	G00-G99 Diseases of the nervous system	1,456	3.41%

Table 101. Top Ten Major ICD-10-CM Code Ranges: Matanuska-Susitna Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	5,108	13.38%
2	K00-K95 Diseases of the digestive system	4,513	11.82%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	3,382	8.86%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	3,064	8.03%
5	Z00-Z13 Persons encountering health services for examinations	3,008	7.88%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,759	7.23%
7	I00-I99 Diseases of the circulatory system	2,314	6.06%
8	C00-D49 Neoplasms	2,302	6.03%
9	H00-H59 Diseases of the eye and adnexa	1,874	4.91%
10	N00-N99 Diseases of the genitourinary system	1,822	4.77%

Table 102. Top Ten Major ICD-10-CM Code Ranges: Northern Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	19,767	30.08%
2	Z00-Z13 Persons encountering health services for examinations	6,159	9.37%
3	M00-M99 Diseases of the musculoskeletal system and connective tissue	5,410	8.23%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	4,596	6.99%
5	J00-J99 Diseases of the respiratory system	3,435	5.23%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	3,144	4.78%
7	I00-I99 Diseases of the circulatory system	2,951	4.49%
8	O00-O9A Pregnancy, childbirth, and puerperium	2,556	3.89%
9	E00-E89 Endocrine, nutritional and metabolic diseases	2,465	3.75%
10	K00-K95 Diseases of the digestive system	2,184	3.32%

Table 103. Top Ten Major ICD-10-CM Code Ranges: Southeast Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	17,910	28.95%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	7,292	11.79%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	5,316	8.59%
4	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	3,753	6.07%
5	Z00-Z13 Persons encountering health services for examinations	3,730	6.03%
6	I00-I99 Diseases of the circulatory system	3,323	5.37%
7	K00-K95 Diseases of the digestive system	2,887	4.67%
8	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,442	3.95%
9	C00-D49 Neoplasms	2,378	3.84%
10	E00-E89 Endocrine, nutritional and metabolic diseases	2,293	3.71%

Table 104. Top Ten Major ICD-10-CM Code Ranges: Southwest Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	8,061	14.19%
2	Z00-Z13 Persons encountering health services for examinations	7,964	14.02%
3	M00-M99 Diseases of the musculoskeletal system and connective tissue	6,137	10.81%
4	O00-O9A Pregnancy, childbirth, and puerperium	5,551	9.77%
5	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	5,060	8.91%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,854	5.03%
7	I00-I99 Diseases of the circulatory system	2,790	4.91%
8	K00-K95 Diseases of the digestive system	2,305	4.06%
9	J00-J99 Diseases of the respiratory system	2,261	3.98%
10	N00-N99 Diseases of the genitourinary system	2,172	3.82%

2021 Regional CCSR Leading Causes of Outpatient Non-ED/Non-Lab Visits

Table 105. Top Ten CCSR: Statewide

Rank	CCSR Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	71,965	11.8%
2	Medical examination/evaluation	33,167	5.4%
3	Musculoskeletal pain, not low back pain	20,638	3.4%
4	Neoplasm-related encounters	17,262	2.8%
5	Other aftercare encounter	13,798	2.3%
6	Spondylopathies/spondyloarthropathy (including infective)	13,637	2.2%
7	Abdominal pain and other digestive/abdomen signs and symptoms	10,716	1.8%
8	Other specified complications in pregnancy	8,599	1.4%
9	Osteoarthritis	8,374	1.4%
10	Other specified and unspecified skin disorders	8,261	1.4%

Table 106. Top Ten CCSR: Anchorage Region

Rank	CCSR Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	32,016	13.3%
2	Medical examination/evaluation	16,449	6.8%
3	Musculoskeletal pain, not low back pain	8,169	3.4%
4	Neoplasm-related encounters	7,360	3.0%
5	Other aftercare encounter	6,306	2.6%
6	Biomechanical lesions	5,920	2.5%
7	Spondylopathies/spondyloarthropathy (including infective)	3,899	1.6%
8	Other specified and unspecified skin disorders	3,524	1.5%
9	Abdominal pain and other digestive/abdomen signs and symptoms	3,430	1.4%
10	Cataract and other lens disorders	3,237	1.3%

Table 107. Top Ten CCSR: Gulf Coast Region

Rank	CCSR Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	4,812	4.7%
2	Musculoskeletal pain, not low back pain	4,673	4.6%
3	Medical examination/evaluation	4,314	4.2%
4	Neoplasm-related encounters	3,365	3.3%
5	Spondylopathies/spondyloarthropathy (including infective)	3,039	3.0%
6	Osteoarthritis	2,202	2.2%
7	Abdominal pain and other digestive/abdomen signs and symptoms	2,091	2.1%
8	Other specified and unspecified skin disorders	2,078	2.0%
9	Sleep wake disorders	1,945	1.9%
10	Implant, device or graft related encounter	1,777	1.7%

Table 108. Top Ten CCSR: Interior Region

Rank	CCSR Category Description	Discharges	Percent
1	Spondylopathies/spondyloarthropathy (including infective)	2,219	5.2%
2	Coronary atherosclerosis and other heart disease	1,711	4.0%
3	Cardiac dysrhythmias	1,517	3.6%
4	Neoplasm-related encounters	1,493	3.5%
5	Abdominal pain and other digestive/abdomen signs and symptoms	1,093	2.6%
6	Other aftercare encounter	1,072	2.5%
7	Coronavirus disease – 2019 (COVID-19)	975	2.3%
8	Cataract and other lens disorders	896	2.1%
9	Implant, device or graft related encounter	873	2.0%
10	Other specified complications in pregnancy	813	1.9%

Table 109. Top Ten CCSR: Matanuska-Susitna Region

Rank	CCSR Category Description	Discharges	Percent
1	Neoplasm-related encounters	1,724	4.5%
2	Spondylopathies/spondyloarthropathy (including infective)	1,668	4.4%
3	Exposure, encounters, screening or contact with infectious disease	1,271	3.3%
4	Cataract and other lens disorders	1,212	3.2%
5	Benign neoplasms	994	2.6%
6	Medical examination/evaluation	945	2.5%
7	Osteoarthritis	915	2.4%
8	Coronary atherosclerosis and other heart disease	873	2.3%
9	Abdominal pain and other digestive/abdomen signs and symptoms	826	2.2%
10	Other aftercare encounter	801	2.1%

Table 110. Top Ten CCSR: Northern Region

Rank	CCSR Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	15,869	24.2%
2	Medical examination/evaluation	3,857	5.9%
3	Musculoskeletal pain, not low back pain	2,089	3.2%
4	Other specified upper respiratory infections	1,733	2.6%
5	Other aftercare encounter	1,571	2.4%
6	Essential hypertension	1,553	2.4%
7	Other specified complications in pregnancy	1,057	1.6%
8	Abdominal pain and other digestive/abdomen signs and symptoms	950	1.4%
9	Other specified and unspecified skin disorders	828	1.3%
10	Neoplasm-related encounters	809	1.2%

Table 111. Top Ten CCSR: Southeast Region

Rank	CCSR Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	13,770	22.3%
2	Neoplasm-related encounters	1,709	2.8%
3	Musculoskeletal pain, not low back pain	1,704	2.8%
4	Medical examination/evaluation	1,563	2.5%
5	Spondylopathies/spondyloarthropathy (including infective)	1,546	2.5%
6	Other aftercare encounter	1,248	2.0%
7	Abdominal pain and other digestive/abdomen signs and symptoms	1,065	1.7%
8	Osteoarthritis	1,027	1.7%
9	Encounter for antineoplastic therapies	865	1.4%
10	Neurodevelopmental disorders	839	1.4%

Table 112. Top Ten CCSR: Southwest Region

Rank	CCSR Category Description	Discharges	Percent
1	Medical examination/evaluation	5,327	9.4%
2	Exposure, encounters, screening or contact with infectious disease	2,987	5.3%
3	Other specified complications in pregnancy	2,905	5.1%
4	Musculoskeletal pain, not low back pain	2,627	4.7%
5	Other aftercare encounter	1,718	3.0%
6	Essential hypertension	1,492	2.6%
7	Uncomplicated pregnancy, delivery or puerperium	1,305	2.3%
8	Abdominal pain and other digestive/abdomen signs and symptoms	1,208	2.1%
9	Encounter for administrative purposes	827	1.5%
10	Other specified upper respiratory infections	817	1.4%

2021 Outpatient Non-ED/Non-Lab CCSR Categories with Examples of Diagnoses

Table 113. 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 71,965 (11.7%)	Encounter for immunization (52,881) Contact with and (suspected) exposure to COVID-19 (16,231) Encounter for screening for infections with a predominantly sexual mode of transmission (1,148)
2	Medical examination/evaluation 33,167 (5.4%)	Encounter for routine child health examination without abnormal findings (13,744) Encounter for other preprocedural examination (6,198) Encounter for general adult medical examination without abnormal findings (4,531)
3	Musculoskeletal pain, not low back pain 20,638 (3.4%)	Pain in right knee (2,618) Pain in right shoulder (2,316) Pain in left knee (2,258)
4	Neoplasm-related encounters 17,262 (2.8%)	Encounter for screening for malignant neoplasm of colon (13,437) Encounter for screening mammogram for malignant neoplasm of breast (1,431) Encounter for follow-up examination after completed treatment for malignant neoplasm (1,231)
5	Other aftercare encounter 13,798 (2.2%)	Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm (3,723) Encounter for other orthopedic aftercare (2,350) Aftercare following joint replacement surgery (1,515)
6	Spondylopathies/spondyloarthropathy (including infective) 13,637 (2.2%)	Cervicalgia (2,123) Spondylosis without myelopathy or radiculopathy, lumbar region (1,039) Radiculopathy, lumbar region (1,011)
7	Abdominal pain and other digestive/abdomen signs and symptoms 10,716 (1.7%)	Unspecified abdominal pain (2,951) Pelvic and perineal pain (1,227) Diarrhea, unspecified (905)
8	Other specified complications in pregnancy 8,599 (1.4%)	Anemia complicating pregnancy, third trimester (1,136) Other specified diseases and conditions complicating pregnancy (1,057) Other specified pregnancy related conditions, third trimester (1,044)
9	Osteoarthritis 8,374 (1.4%)	Unilateral primary osteoarthritis, right knee (1,564) Unilateral primary osteoarthritis, left knee (1,502) Bilateral primary osteoarthritis of knee (973)
10	Other specified and unspecified skin disorders 8,261 (1.3%)	Dermatitis, unspecified (1,298) Ingrowing nail (1,196) Disorder of the skin and subcutaneous tissue, unspecified (607)

2021 Outpatient Non-ED/Non-Lab Visits by Patient Characteristic

Table 114. All Outpatient Non-ED/Non-Lab Visit Discharges

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	257,106	41.9%	\$634	\$1,479,341,802
Sex: Female	356,988	58.1%	\$611	\$1,664,499,118
Race: White	226,039	36.8%	\$1,379	\$1,847,696,447
Race: AI/AN	310,994	50.6%	\$381	\$693,837,563
Race: Asian/PI	13,744	2.2%	\$1,995	\$118,979,815
Race: Black	7,961	1.3%	\$2,077	\$72,349,040
Ethnicity: Hispanic	14,693	2.4%	\$687	\$90,308,255
Age Group: 00-14	64,710	10.5%	\$318	\$150,526,173
Age Group: 15-24	55,044	9.0%	\$430	\$169,069,768
Age Group: 25-34	76,884	12.5%	\$506	\$273,651,949
Age Group: 35-44	72,790	11.8%	\$599	\$370,655,948
Age Group: 45-54	72,748	11.8%	\$767	\$437,312,615
Age Group: 55-64	103,215	16.8%	\$873	\$698,006,949
Age Group: 65-74	106,279	17.3%	\$906	\$690,422,637
Age Group: 75+	62,494	10.2%	\$819	\$354,280,319
Payer: Medicare	161,088	26.2%	\$864	\$988,901,623
Payer: Medicaid	150,962	24.6%	\$533	\$582,185,167
Payer: Commercial	187,657	30.5%	\$637	\$1,018,829,057
Payer: Self Pay	76,392	12.4%	\$274	\$150,181,866
Payer: Other	38,200	6.2%	\$1,981	\$404,174,759
Region: Anchorage	242,738	39.5%	\$512	\$1,217,698,922
Region: Gulf Coast	102,662	16.7%	\$763	\$510,595,121
Region: Interior	42,680	6.9%	\$1,817	\$310,131,891
Region: Mat-Su	38,176	6.2%	\$5,278	\$618,083,208
Region: Northern	65,711	10.7%	\$381	\$121,570,115
Region: Southeast	61,874	10.1%	\$481	\$201,854,781
Region: Southwest	56,790	9.2%	\$560	\$138,783,817
Region: Out of State	3,395	0.6%	\$607	\$24,795,890
Alaska 2021	614,315	100.0%	\$618	\$3,144,285,096
Alaska 2020	543,216	-	\$618	\$2,546,438,749
Alaska 2019	664,976	-	\$584	\$2,646,326,276



OUTPATIENT LAB OR RADIOLOGY ONLY

OUTPATIENT LAB OR RADIOLOGY ONLY CHAPTER

Outpatient Lab or Radiology Only Introduction

Diagnosis Aggregation

The 651,751 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 groupings using the principal diagnosis code (the Z category was divided into two 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 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 2021, Alaska HFDR reporting hospitals billed \$485 million for visits exclusively for lab or radiology services, which is a 17% increase over 2020. The number of 2021 lab/radiology visits increased 16% over 2020.
- The top ten outpatient lab/radiology-only ICD-10-CM categories cover 581,713 (89%) of the 651,751 Alaska lab/radiology-only visits in 2021.
- The top ten outpatient lab/radiology-only CCSR Diagnosis Categories cover 362,982 (56%) of the 651,751 Alaska lab/radiology-only visits in 2021.
- The number one CCSR category in this chapter for 2021 is *exposure, encounters, screening or contact with infectious disease* at 33% (213,462 of 651,751 visits). The most common ICD-10-CM code in the *exposure, encounters, screening or contact with infectious disease* CCSR category was *contact with and (suspected) exposure to COVID-19* at 85% (182,216 of 213,462 visits).
- The 2021 median charge for the lab/radiology-only visits was \$253 which is close to the 2020 median of \$248, but less than half of the 2019 median of \$531.
- Visits by women account for 60% of the encounters in this chapter.

2021 Regional Major Leading Causes of Outpatient Lab/Radiology-Only Visits

Table 115. Top Ten Major ICD-10-CM Code Ranges: Statewide

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	220,470	33.83%
2	Z00-Z13 Persons encountering health services for examinations	99,531	15.27%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	71,653	10.99%
4	M00-M99 Diseases of the musculoskeletal system and connective tissue	43,499	6.67%
5	E00-E89 Endocrine, nutritional and metabolic diseases	40,965	6.29%
6	C00-D49 Neoplasms	27,075	4.15%
7	N00-N99 Diseases of the genitourinary system	26,211	4.02%
8	I00-I99 Diseases of the circulatory system	24,479	3.76%
9	J00-J99 Diseases of the respiratory system	14,412	2.21%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	13,418	2.06%

Table 116. Top Ten Major ICD-10-CM Code Ranges: Anchorage Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	76,130	33.08%
2	Z00-Z13 Persons encountering health services for examinations	46,698	20.29%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	24,838	10.79%
4	E00-E89 Endocrine, nutritional and metabolic diseases	14,016	6.09%
5	M00-M99 Diseases of the musculoskeletal system and connective tissue	10,081	4.38%
6	C00-D49 Neoplasms	9,840	4.28%
7	N00-N99 Diseases of the genitourinary system	7,781	3.38%
8	I00-I99 Diseases of the circulatory system	7,694	3.34%
9	U07 COVID-19	6,072	2.64%
10	J00-J99 Diseases of the respiratory system	4,132	1.80%

Table 117. Top Ten Major ICD-10-CM Code Ranges: Gulf Coast Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	14,271	17.91%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	11,171	14.02%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	10,843	13.61%
4	M00-M99 Diseases of the musculoskeletal system and connective tissue	10,166	12.76%
5	E00-E89 Endocrine, nutritional and metabolic diseases	7,307	9.17%
6	N00-N99 Diseases of the genitourinary system	4,552	5.71%
7	I00-I99 Diseases of the circulatory system	4,386	5.50%
8	C00-D49 Neoplasms	3,210	4.03%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,723	3.42%
10	K00-K95 Diseases of the digestive system	1,795	2.25%

Table 118. Top Ten Major ICD-10-CM Code Ranges: Interior Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	13,857	15.42%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	12,433	13.83%
3	M00-M99 Diseases of the musculoskeletal system and connective tissue	10,426	11.60%
4	Z00-Z13 Persons encountering health services for examinations	10,147	11.29%
5	E00-E89 Endocrine, nutritional and metabolic diseases	9,077	10.10%
6	C00-D49 Neoplasms	8,109	9.02%
7	I00-I99 Diseases of the circulatory system	4,931	5.49%
8	N00-N99 Diseases of the genitourinary system	4,352	4.84%
9	D50-D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	2,287	2.54%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,136	2.38%

Table 119. Top Ten Major ICD-10-CM Code Ranges: Matanuska-Susitna Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	9,595	23.03%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	6,419	15.41%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	5,710	13.71%
4	N00-N99 Diseases of the genitourinary system	3,207	7.70%
5	M00-M99 Diseases of the musculoskeletal system and connective tissue	2,751	6.60%
6	E00-E89 Endocrine, nutritional and metabolic diseases	2,277	5.47%
7	C00-D49 Neoplasms	1,968	4.72%
8	J00-J99 Diseases of the respiratory system	1,644	3.95%
9	I00-I99 Diseases of the circulatory system	1,547	3.71%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	1,478	3.55%

Table 120. Top Ten Major ICD-10-CM Code Ranges: Northern Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	43,359	67.15%
2	Z00-Z13 Persons encountering health services for examinations	2,960	4.58%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	2,801	4.34%
4	U07 COVID-19	2,402	3.72%
5	J00-J99 Diseases of the respiratory system	2,116	3.28%
6	M00-M99 Diseases of the musculoskeletal system and connective tissue	1,835	2.84%
7	E00-E89 Endocrine, nutritional and metabolic diseases	1,821	2.82%
8	N00-N99 Diseases of the genitourinary system	1,210	1.87%
9	I00-I99 Diseases of the circulatory system	1,001	1.55%
10	O00-O9A Pregnancy, childbirth, and puerperium	885	1.37%

Table 121. Top Ten Major ICD-10-CM Code Ranges: Southeast Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	51,227	49.50%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	11,071	10.70%
3	Z00-Z13 Persons encountering health services for examinations	9,111	8.80%
4	M00-M99 Diseases of the musculoskeletal system and connective tissue	6,329	6.12%
5	E00-E89 Endocrine, nutritional and metabolic diseases	5,515	5.33%
6	I00-I99 Diseases of the circulatory system	4,175	4.03%
7	N00-N99 Diseases of the genitourinary system	3,310	3.20%
8	C00-D49 Neoplasms	2,086	2.02%
9	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	1,552	1.50%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	1,426	1.38%

Table 122. Top Ten Major ICD-10-CM Code Ranges: Southwest Region

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	15,581	44.96%
2	Z00-Z13 Persons encountering health services for examinations	5,747	16.58%
3	J00-J99 Diseases of the respiratory system	1,963	5.66%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	1,939	5.59%
5	N00-N99 Diseases of the genitourinary system	1,595	4.60%
6	M00-M99 Diseases of the musculoskeletal system and connective tissue	1,566	4.52%
7	C00-D49 Neoplasms	1,025	2.96%
8	E00-E89 Endocrine, nutritional and metabolic diseases	746	2.15%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	697	2.01%
10	U07 COVID-19	665	1.92%

2021 Regional CCSR Leading Causes of Lab/Radiology-Only Visits

Table 123. Top Ten CCSR: Statewide

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	213,462	33.0%
2	Medical examination/evaluation	49,194	7.6%
3	Neoplasm-related encounters	19,859	3.1%
4	Musculoskeletal pain, not low back pain	14,082	2.2%
5	Coronavirus disease – 2019 (COVID-19)	12,305	1.9%
6	Abdominal pain and other digestive/abdomen signs and symptoms	11,469	1.8%
7	Abnormal findings without diagnosis	11,168	1.7%
8	Thyroid disorders	11,166	1.7%
9	Respiratory signs and symptoms	10,284	1.6%
10	Essential hypertension	9,993	1.5%

Table 124. Top Ten CCSR: Anchorage Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	80,069	35.2%
2	Medical examination/evaluation	22,866	10.1%
3	Coronavirus disease – 2019 (COVID-19)	6,072	2.7%
4	Neoplasm-related encounters	5,710	2.5%
5	Respiratory signs and symptoms	4,430	1.9%
6	Thyroid disorders	3,734	1.6%
7	Abnormal findings without diagnosis	3,631	1.6%
8	Essential hypertension	3,383	1.5%
9	Diabetes mellitus without complication	2,965	1.3%
10	Abdominal pain and other digestive/abdomen signs and symptoms	2,877	1.3%

Table 125. Top Ten CCSR: Gulf Coast Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	8,442	10.7%
2	Medical examination/evaluation	6,103	7.7%
3	Neoplasm-related encounters	3,555	4.5%
4	Musculoskeletal pain, not low back pain	3,141	4.0%
5	Spondylopathies/spondyloarthropathy (including infective)	2,324	2.9%
6	Abdominal pain and other digestive/abdomen signs and symptoms	2,158	2.7%
7	Thyroid disorders	2,122	2.7%
8	Abnormal findings without diagnosis	2,017	2.6%
9	Essential hypertension	1,830	2.3%
10	Osteoarthritis	1,615	2.0%

Table 126. Top Ten CCSR: Interior Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	9,103	10.2%
2	Neoplasm-related encounters	4,622	5.2%
3	Musculoskeletal pain, not low back pain	4,607	5.2%
4	Medical examination/evaluation	3,481	3.9%
5	Thyroid disorders	2,599	2.9%
6	Abdominal pain and other digestive/abdomen signs and symptoms	2,465	2.8%
7	Abnormal findings without diagnosis	2,042	2.3%
8	Disorders of lipid metabolism	1,901	2.1%
9	Spondylopathies/spondyloarthropathy (including infective)	1,832	2.1%
10	Respiratory signs and symptoms	1,751	2.0%

Table 127. Top Ten CCSR: Matanuska-Susitna Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Medical examination/evaluation	7,113	17.2%
2	Exposure, encounters, screening or contact with infectious disease	5,362	12.9%
3	Abdominal pain and other digestive/abdomen signs and symptoms	1,160	2.8%
4	Neoplasm-related encounters	1,133	2.7%
5	Other specified upper respiratory infections	1,061	2.6%
6	Musculoskeletal pain, not low back pain	903	2.2%
7	Urinary tract infections	874	2.1%
8	Abnormal findings without diagnosis	809	2.0%
9	Genitourinary signs and symptoms	756	1.8%
10	Thyroid disorders	709	1.7%

Table 128. Top Ten CCSR: Northern Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	41,894	65.0%
2	Coronavirus disease – 2019 (COVID-19)	2,402	3.7%
3	Medical examination/evaluation	1,615	2.5%
4	Other specified upper respiratory infections	1,598	2.5%
5	Uncomplicated pregnancy, delivery or puerperium	866	1.3%
6	Diabetes mellitus without complication	596	0.9%
7	Abdominal pain and other digestive/abdomen signs and symptoms	573	0.9%
8	Neoplasm-related encounters	538	0.8%
9	Musculoskeletal pain, not low back pain	492	0.8%
10	Essential hypertension	480	0.7%

Table 129. Top Ten CCSR: Southeast Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	48,685	47.5%
2	Neoplasm-related encounters	3,811	3.7%
3	Medical examination/evaluation	3,751	3.7%
4	Musculoskeletal pain, not low back pain	2,151	2.1%
5	Essential hypertension	1,911	1.9%
6	Abnormal findings without diagnosis	1,891	1.8%
7	Respiratory signs and symptoms	1,838	1.8%
8	Abdominal pain and other digestive/abdomen signs and symptoms	1,705	1.7%
9	Thyroid disorders	1,418	1.4%
10	Diabetes mellitus without complication	1,349	1.3%

Table 130. Top Ten CCSR: Southwest Region

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	15,394	44.5%
2	Medical examination/evaluation	4,012	11.6%
3	Other specified upper respiratory infections	1,642	4.7%
4	Urinary tract infections	670	1.9%
5	Coronavirus disease – 2019 (COVID-19)	665	1.9%
6	Neoplasm-related encounters	411	1.2%
7	Abdominal pain and other digestive/abdomen signs and symptoms	409	1.2%
8	Genitourinary signs and symptoms	401	1.2%
9	Musculoskeletal pain, not low back pain	337	1.0%
10	Abnormal findings without diagnosis	334	1.0%

2021 Outpatient Lab/Radiology-Only CCSR Categories with Examples of Diagnoses

Table 131. 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 213,462 (32.8%)	Contact with and (suspected) exposure to COVID-19 (182,216) Encounter for screening for COVID-19 (10,537) Contact with and (suspected) exposure to other viral communicable diseases (8,351)
2	Medical examination/evaluation 49,194 (7.5%)	Encounter for preprocedural laboratory examination (26,956) Encounter for other preprocedural examination (8,028) Encounter for general adult medical examination without abnormal findings (6,422)
3	Neoplasm-related encounters 19,859 (3.0%)	Encounter for screening mammogram for malignant neoplasm of breast (14,782) Encounter for screening for malignant neoplasm of colon (1,753) Encounter for screening for malignant neoplasm of cervix (1,493)
4	Musculoskeletal pain, not low back pain 14,082 (2.2%)	Pain in right knee (1,363) Pain in left knee (1,278) Pain in right shoulder (1,023)
5	Coronavirus disease – 2019 (COVID-19) 12,305 (1.9%)	Coronavirus disease-2019 (COVID-19) (12,305)
6	Abdominal pain and other digestive/abdomen signs and symptoms 11,469 (1.8%)	Unspecified abdominal pain (3,320) Diarrhea, unspecified (1,802) Right upper quadrant pain (1,003)
7	Abnormal findings without diagnosis 11,168 (1.7%)	Other specified abnormal findings of blood chemistry (1,346) Prediabetes (1,067) Other abnormal and inconclusive findings on diagnostic imaging of breast (1,034)
8	Thyroid disorders 11,166 (1.7%)	Hypothyroidism, unspecified (6,368) Thyrotoxicosis, unspecified without thyrotoxic crisis or storm (805) Nontoxic multinodular goiter (773)
9	Respiratory signs and symptoms 10,284 (1.6%)	Cough (4,601) Shortness of breath (1,817) Nasal congestion (1,112)
10	Essential hypertension 9,993 (1.5%)	Essential (primary) hypertension (9,993)

2021 Outpatient Lab/Radiology-Only Visits by Patient Characteristic

Table 132. All Outpatient Lab/Radiology-Only Visit Discharges

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	258,294	39.6%	\$247	\$194,668,899
Sex: Female	393,244	60.3%	\$274	\$290,026,787
Race: White	321,832	49.4%	\$365	\$262,030,321
Race: AI/AN	212,587	32.6%	\$204	\$143,838,359
Race: Asian/PI	28,289	4.3%	\$255	\$19,271,985
Race: Black	14,455	2.2%	\$250	\$10,713,400
Ethnicity: Hispanic	20,223	3.1%	\$213	\$13,867,414
Age Group: 00-14	72,088	11.1%	\$198	\$25,837,963
Age Group: 15-24	62,907	9.7%	\$204	\$33,584,064
Age Group: 25-34	88,106	13.5%	\$204	\$53,729,430
Age Group: 35-44	87,639	13.4%	\$236	\$61,588,589
Age Group: 45-54	81,649	12.5%	\$330	\$66,389,228
Age Group: 55-64	106,721	16.4%	\$404	\$97,770,673
Age Group: 65-74	97,418	14.9%	\$454	\$94,290,536
Age Group: 75+	55,155	8.5%	\$426	\$51,542,352
Payer: Medicare	140,200	21.5%	\$445	\$132,674,274
Payer: Medicaid	144,134	22.1%	\$204	\$92,526,616
Payer: Commercial	262,005	40.2%	\$260	\$185,455,452
Payer: Self Pay	68,153	10.5%	\$198	\$37,392,439
Payer: Other	37,211	5.7%	\$560	\$36,723,687
Region: Anchorage	230,168	35.3%	\$204	\$158,390,332
Region: Gulf Coast	79,680	12.2%	\$641	\$81,854,431
Region: Interior	89,889	13.8%	\$411	\$70,571,960
Region: Mat-Su	41,661	6.4%	\$598	\$50,409,625
Region: Northern	64,569	9.9%	\$250	\$38,636,158
Region: Southeast	103,498	15.9%	\$193	\$59,678,104
Region: Southwest	34,657	5.3%	\$204	\$21,510,757
Region: Out of State	6,564	1.0%	\$200	\$3,275,327
Alaska 2021	651,751	100.0%	\$253	\$484,784,816
Alaska 2020	561,155	-	\$248	\$413,113,536
Alaska 2019	388,153	-	\$531	\$402,579,212

Table 133. #1 CCSR Category: Exposure, encounters, screening or contact with infectious disease (33.0% of All Outpatient Lab/Radiology-Only Visit Discharges)

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	88,552	41.5%	\$198	\$20,732,197
Sex: Female	124,811	58.5%	\$198	\$28,630,610
Race: White	65,194	30.5%	\$155	\$11,866,938
Race: AI/AN	97,756	45.8%	\$198	\$19,608,408
Race: Asian/PI	7,245	3.4%	\$155	\$1,191,400
Race: Black	4,137	1.9%	\$155	\$736,815
Ethnicity: Hispanic	6,412	3.0%	\$193	\$1,181,194
Age Group: 00-14	36,407	17.1%	\$198	\$7,869,537
Age Group: 15-24	29,675	13.9%	\$198	\$7,257,846
Age Group: 25-34	36,422	17.1%	\$198	\$9,136,505
Age Group: 35-44	33,644	15.8%	\$198	\$8,194,402
Age Group: 45-54	25,884	12.1%	\$198	\$6,130,023
Age Group: 55-64	26,915	12.6%	\$198	\$5,976,544
Age Group: 65-74	16,001	7.5%	\$164	\$3,295,504
Age Group: 75+	8,507	4.0%	\$155	\$1,518,655
Payer: Medicare	21,676	10.2%	\$155	\$3,853,958
Payer: Medicaid	55,955	26.2%	\$198	\$12,544,454
Payer: Commercial	91,381	42.8%	\$198	\$22,228,669
Payer: Self Pay	36,695	17.2%	\$198	\$7,527,762
Payer: Other	7,713	3.6%	\$490	\$3,215,275
Region: Anchorage	80,069	37.5%	\$198	\$16,248,552
Region: Gulf Coast	8,442	4.0%	\$198	\$2,099,185
Region: Interior	9,103	4.3%	\$250	\$2,854,259
Region: Mat-Su	5,362	2.5%	\$198	\$1,331,386
Region: Northern	41,894	19.6%	\$198	\$14,518,013
Region: Southeast	48,685	22.8%	\$100	\$7,721,834
Region: Southwest	15,394	7.2%	\$198	\$3,324,520
Region: Out of State	3,644	1.7%	\$193	\$946,525
Alaska 2021	213,462	100.0%	\$198	\$49,381,239
Alaska 2020	183,428	-	\$192	\$36,165,810
Alaska 2019	5,239	-	\$472	\$3,127,099



APPENDICES

APPENDICES

Appendix A: Health Facilities Submitting Data for 2021

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
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

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

Appendix C: 2021 Regional Diagnosis Related Groups (DRGs) of Hospitalization

Table 134. Top Ten DRG Categories: Statewide

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	3,653	6.3%
2	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITHOUT CC/MCC	3,342	5.8%
3	PSYCHOSES	2,680	4.6%
4	NEONATE WITH OTHER SIGNIFICANT PROBLEMS	2,291	4.0%
5	RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	2,239	3.9%
6	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITH MCC	2,222	3.8%
7	ALCOHOL, DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITHOUT MCC	1,082	1.9%
8	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITH CC	987	1.7%
9	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY WITHOUT MCC	970	1.7%
10	CESAREAN SECTION WITHOUT STERILIZATION WITHOUT CC/MCC	855	1.5%

Table 135. Top Ten DRG Categories: Anchorage Region

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	1,546	6.7%
2	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITHOUT CC/MCC	1,359	5.9%
3	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITH MCC	1,089	4.7%
4	PSYCHOSES	934	4.0%
5	NEONATE WITH OTHER SIGNIFICANT PROBLEMS	814	3.5%
6	RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	741	3.2%
7	ALCOHOL, DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITHOUT MCC	408	1.8%
8	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITH CC	371	1.6%
9	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITHOUT MCC	371	1.6%
10	HEART FAILURE AND SHOCK WITH MCC	360	1.6%

Table 136. Top Ten DRG Categories: Gulf Coast Region

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	414	5.7%
2	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITHOUT CC/MCC	348	4.8%
3	RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	346	4.8%
4	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY WITHOUT MCC	246	3.4%
5	NEONATE WITH OTHER SIGNIFICANT PROBLEMS	235	3.3%
6	PSYCHOSES	235	3.3%
7	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITH MCC	185	2.6%
8	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITH CC	120	1.7%
9	HEART FAILURE AND SHOCK WITH MCC	100	1.4%
10	CESAREAN SECTION WITHOUT STERILIZATION WITHOUT CC/MCC	92	1.3%

Table 137. Top Ten DRG Categories: Interior Region

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITHOUT CC/MCC	591	9.4%
2	NORMAL NEWBORN	560	8.9%
3	PSYCHOSES	486	7.7%
4	NEONATE WITH OTHER SIGNIFICANT PROBLEMS	355	5.6%
5	RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	345	5.5%
6	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY WITHOUT MCC	171	2.7%
7	CESAREAN SECTION WITHOUT STERILIZATION WITHOUT CC/MCC	146	2.3%
8	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITH CC	138	2.2%
9	DEPRESSIVE NEUROSES	127	2.0%
10	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITH MCC	90	1.4%

Table 138. Top Ten DRG Categories: Matanuska-Susitna Region

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	577	7.0%
2	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITH MCC	493	6.0%
3	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITHOUT CC/MCC	482	5.9%
4	RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	437	5.3%
5	NEONATE WITH OTHER SIGNIFICANT PROBLEMS	275	3.4%
6	PSYCHOSES	253	3.1%
7	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITH CC	149	1.8%
8	CESAREAN SECTION WITHOUT STERILIZATION WITHOUT CC/MCC	143	1.7%
9	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITHOUT MCC	132	1.6%
10	HEART FAILURE AND SHOCK WITH MCC	110	1.3%

Table 139. Top Ten DRG Categories: Northern Region

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITHOUT CC/MCC	175	5.0%
2	PSYCHOSES	171	4.8%
3	NEONATE WITH OTHER SIGNIFICANT PROBLEMS	166	4.7%
4	NORMAL NEWBORN	157	4.4%
5	ALCOHOL, DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITHOUT MCC	145	4.1%
6	ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS WITHOUT MCC	74	2.1%
7	RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	65	1.8%
8	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITH CC	60	1.7%
9	OTHER FACTORS INFLUENCING HEALTH STATUS	60	1.7%
10	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITH MCC	59	1.7%

Table 140. Top Ten DRG Categories: Southeast Region

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	PSYCHOSES	270	5.4%
2	NORMAL NEWBORN	255	5.1%
3	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITHOUT CC/MCC	240	4.8%
4	NEONATE WITH OTHER SIGNIFICANT PROBLEMS	239	4.8%
5	ALCOHOL, DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITHOUT MCC	198	3.9%
6	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITH MCC	184	3.7%
7	RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	136	2.7%
8	CESAREAN SECTION WITHOUT STERILIZATION WITHOUT CC/MCC	93	1.9%
9	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITH CC	87	1.7%
10	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY WITHOUT MCC	84	1.7%

Table 141. Top Ten DRG Categories: Southwest Region

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	PSYCHOSES	272	8.5%
2	NEONATE WITH OTHER SIGNIFICANT PROBLEMS	203	6.3%
3	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITHOUT CC/MCC	140	4.4%
4	PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS	138	4.3%
5	NORMAL NEWBORN	132	4.1%
6	RESPIRATORY INFECTIONS AND INFLAMMATIONS WITH MCC	88	2.7%
7	SEPTICEMIA OR SEVERE SEPSIS WITHOUT MV >96 HOURS WITH MCC	64	2.0%
8	CELLULITIS WITHOUT MCC	61	1.9%
9	OTHER ANTEPARTUM DIAGNOSES WITHOUT O.R. PROCEDURES WITHOUT CC/MCC	59	1.8%
10	VAGINAL DELIVERY WITHOUT STERILIZATION OR D&C WITH CC	58	1.8%

Appendix D: Outpatient 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
482	Cardiology - Stress Test
483	Cardiology - Echocardiology

Code	Revenue Code Description
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

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.

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.

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.

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.

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 Lab or Radiology Visits:

“Other outpatient” place of service hospital visits in which the billing record *only* includes one or more of the 66 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 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 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.