

State of Alaska

Department of Health and Social Services



Alaska Health Facilities

Data Reporting Program

2020 Annual Report

Alaska Division of Public Health

Health Analytics and Vital Records Section





Alaska Health Facilities Data Reporting Program
2020 Annual Report

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PURPOSE OF THIS REPORT

The Alaska Health Facilities Data Reporting (HFDR) Program 2020 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 that are not emergency department (with any visits for only lab or radiology services put in a separate category). This report provides the public with descriptive statistics about health facility usage in the state of Alaska.

Preparation

This report was prepared by the Health Analytics Unit of the Alaska Health Analytics and Vital Records Section (HAVRS).

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Additional Information

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The Alaska HFDR Annual Reports and additional information are available online at:

<http://dhss.alaska.gov/dph/VitalStats/Pages/data/>

The HFDR Program Guidelines can be found at:

https://dhss.alaska.gov/dph/VitalStats/Documents/HFDR/HFDR_ProgramGuidelines.pdf

Acknowledgments

Data supplied by hospitals and other health care facilities across the state provide the basis for information presented in this report. Thank you for your 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 State. We are extremely grateful for their services.

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

HAVRS staff 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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HFDR OVERVIEW - 2020 Facility Discharge¹ Counts Summary

Characteristic	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient Other	Outpatient Lab or Radiology
Sex: Male	24,743	104,651	41,995	184,613	222,941
Sex: Female	30,761	119,146	47,957	268,491	337,861
Race: White	29,045	97,386	43,279	153,700	276,660
Race: AI/AN	15,971	81,821	9,596	261,045	193,277
Race: Asian/PI	3,574	13,337	2,925	8,868	21,659
Race: Black	1,905	9,962	1,911	5,808	11,306
Ethnicity: Hispanic	1,723	9,124	2,400	10,370	15,895
Age Group: 00-14	9,732	29,040	6,714	56,999	46,848
Age Group: 15-24	4,340	30,131	5,954	41,153	53,945
Age Group: 25-34	8,239	42,016	9,285	63,009	82,254
Age Group: 35-44	5,512	33,870	11,318	51,709	78,006
Age Group: 45-54	4,822	27,120	14,273	50,922	73,949
Age Group: 55-64	7,576	27,940	19,716	70,650	96,640
Age Group: 65-74	8,115	19,688	16,144	72,907	83,610
Age Group: 75+	7,173	13,996	6,515	45,757	45,849
Payer: Medicare	15,637	36,921	18,757	117,673	117,705
Payer: Medicaid	19,853	93,192	14,633	123,311	116,643
Payer: Commercial	13,400	53,311	38,704	128,723	223,034
Payer: Self Pay	2,731	19,683	4,139	60,322	74,561
Payer: Other	3,892	20,733	13,735	23,164	29,206
Region: Anchorage	22,912	92,737	32,721	164,202	202,151
Region: Gulf Coast	6,526	19,145	9,809	73,259	79,040
Region: Interior	5,688	25,308	6,665	31,403	80,219
Region: Mat-Su	7,532	25,588	14,070	19,387	43,789
Region: Northern	3,585	17,928	18,213	56,454	49,720
Region: Southeast	4,798	19,442	5,548	49,886	59,558
Region: Southwest	3,725	19,422	1,964	55,704	38,973
Region: Out of State	723	4,094	766	2,730	6,025
Alaska 2020	55,513	223,841	89,972	453,247	561,152
Alaska 2019	59,851	293,003	85,272	579,704	388,153
Alaska 2018	60,292	291,775	85,210	532,868	402,356

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.
Data Sources: Alaska Health Analytics and Vital Records, Health Facilities Data Reporting Program 2020v2, 2019v5, and 2018v6 datasets

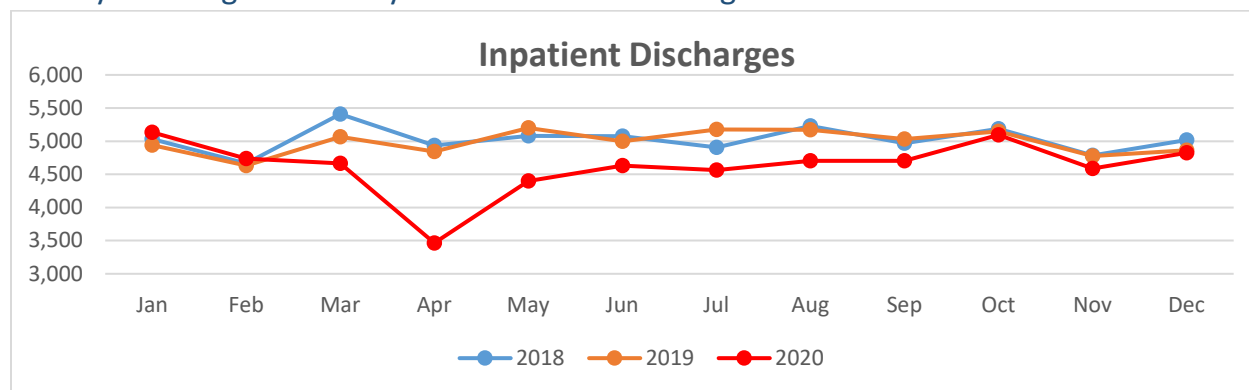
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HFDR OVERVIEW - 2020 Facility Billed Charges¹ Summary

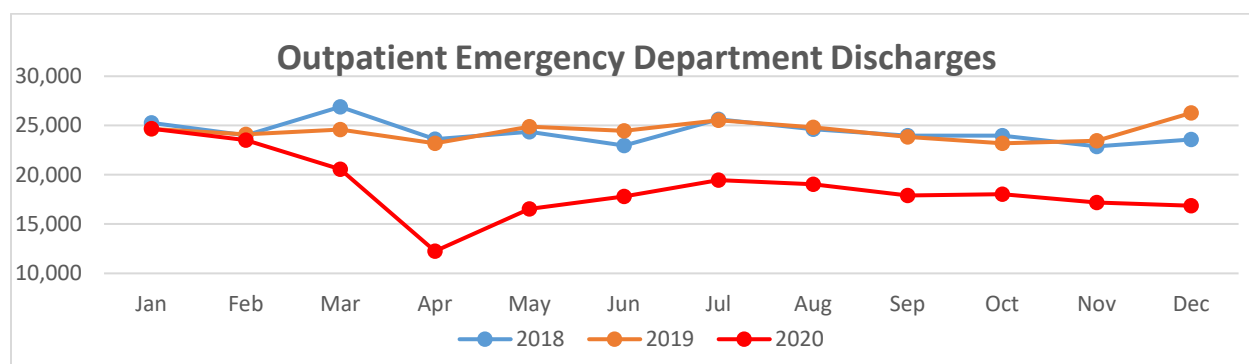
Characteristic	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient Other	Outpatient Lab or Radiology
Sex: Male	\$2,281,688,885	\$465,279,997	\$663,436,999	\$514,491,058	\$171,144,130
Sex: Female	\$2,102,179,049	\$539,650,894	\$693,936,973	\$673,979,923	\$241,875,334
Race: White	\$2,494,910,045	\$505,716,533	\$865,578,203	\$629,217,421	\$233,414,167
Race: AI/AN	\$1,037,223,768	\$306,411,267	\$164,754,381	\$421,610,222	\$121,428,780
Race: Asian/PI	\$301,566,553	\$63,712,267	\$50,076,039	\$48,224,574	\$16,872,582
Race: Black	\$173,507,207	\$45,801,706	\$30,690,298	\$33,669,040	\$9,482,713
Ethnicity: Hispanic	\$122,879,526	\$41,127,487	\$35,248,423	\$36,674,703	\$11,459,390
Age Group: 00-14	\$454,761,638	\$66,857,201	\$68,247,645	\$56,896,796	\$18,220,124
Age Group: 15-24	\$205,844,002	\$114,289,055	\$74,927,088	\$66,172,468	\$27,372,723
Age Group: 25-34	\$408,308,432	\$174,329,635	\$123,386,749	\$118,513,361	\$46,603,852
Age Group: 35-44	\$376,931,354	\$155,513,311	\$172,190,731	\$134,058,642	\$49,667,735
Age Group: 45-54	\$485,147,183	\$137,114,878	\$225,884,277	\$150,291,451	\$58,309,540
Age Group: 55-64	\$842,048,312	\$152,183,521	\$323,163,355	\$253,483,855	\$88,422,880
Age Group: 65-74	\$929,357,995	\$116,516,004	\$258,570,620	\$260,040,245	\$81,514,374
Age Group: 75+	\$681,501,494	\$88,138,329	\$110,787,967	\$149,009,148	\$42,963,570
Payer: Medicare	\$1,617,764,904	\$215,821,662	\$320,481,538	\$405,543,429	\$113,349,927
Payer: Medicaid	\$1,381,080,874	\$374,535,343	\$216,210,816	\$277,873,980	\$75,343,142
Payer: Commercial	\$884,743,008	\$245,309,746	\$520,493,414	\$343,066,867	\$160,185,367
Payer: Self Pay	\$123,845,388	\$78,237,198	\$62,327,457	\$75,520,499	\$36,257,078
Payer: Other	\$376,539,363	\$91,161,581	\$238,366,858	\$86,509,082	\$27,971,869
Region: Anchorage	\$2,118,745,503	\$467,372,305	\$597,874,893	\$436,992,392	\$145,808,169
Region: Gulf Coast	\$477,107,995	\$97,112,962	\$184,440,247	\$215,771,216	\$69,324,070
Region: Interior	\$343,554,145	\$85,271,946	\$105,361,938	\$132,632,714	\$61,411,008
Region: Mat-Su	\$720,632,260	\$149,356,690	\$321,235,234	\$140,651,548	\$46,242,296
Region: Northern	\$168,032,397	\$50,623,670	\$46,558,053	\$65,762,397	\$23,492,841
Region: Southeast	\$250,766,912	\$78,325,601	\$59,537,048	\$110,737,763	\$45,694,738
Region: Southwest	\$236,559,609	\$56,997,174	\$33,099,377	\$76,826,538	\$18,457,310
Region: Out of State	\$67,787,659	\$19,423,651	\$8,532,630	\$9,015,028	\$2,310,001
Alaska 2020	\$4,383,973,536	\$1,005,068,265	\$1,357,894,386	\$1,188,548,106	\$413,109,793
Alaska 2019	\$4,359,570,214	\$1,138,494,410	\$1,380,882,710	\$1,265,443,566	\$402,579,212
Alaska 2018	\$3,993,391,476	\$1,020,405,226	\$1,307,462,737	\$1,088,938,377	\$382,454,480

¹Billed Charges sum the amounts charged to the primary payer on all billing records, and include covered and non-covered charges.
Data Sources: Alaska Health Analytics and Vital Records, Health Facilities Data Reporting Program 2020v2, 2019v5, and 2018v6 datasets

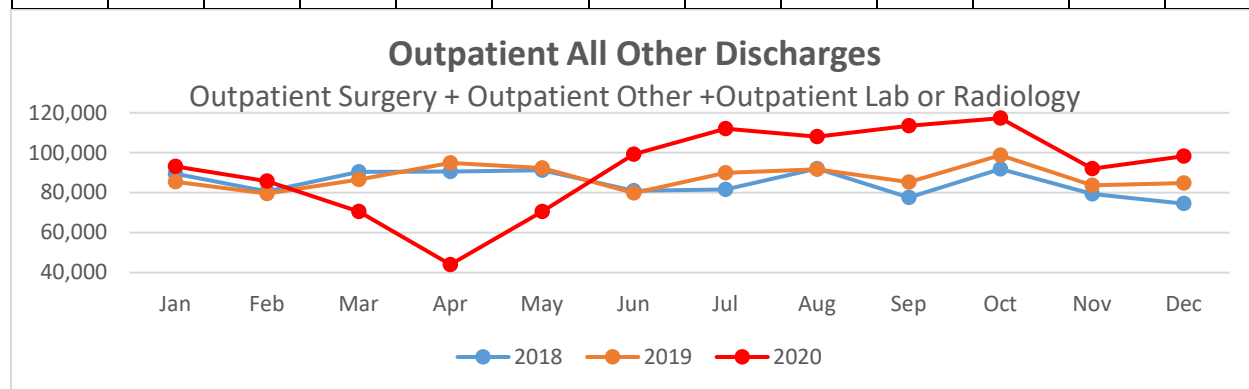
Facility Discharge Counts by Month for 2018 through 2020



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2018	5,031	4,664	5,409	4,936	5,079	5,076	4,908	5,228	4,971	5,185	4,787	5,018
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



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2018	25,265	23,991	26,895	23,611	24,362	22,981	25,634	24,618	23,982	23,975	22,884	23,577
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



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2018	89,431	80,649	90,430	90,608	91,159	81,024	81,570	92,099	77,639	91,938	79,374	74,513
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

INTRODUCTION

The Data

The 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 2020.

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), 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 in Alaska submit discharge data quarterly to the Alaska Department of Health and Social Services (DHSS) via a clearinghouse where they are edited for accuracy and quality before being provided to the Division of Public Health, Health Analytics and Vital Records Section (HAVRS), Health Facilities Data Reporting (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 \(UB-04\)](#) and electronic transmission are used for the submission process. Each year included in this report, 2018 through 2020, contains roughly 1.4 million billing records. In 2020, the dataset contains a total of 1,383,725 discharges for the year.

Analyses of the discharge data show use of health services across the state and provide evidence of the conditions for which people receive treatment. These analyses provide decision makers information for monitoring emerging issues in health status and health service delivery, as well as the need for expanded services. Population health status assessment, analysis of health care utilization trends, and health system planning are examples of uses of the data from the reporting program.

Facility utilization experienced major disruptions in April 2020 at the beginning of the COVID-19 pandemic. The charts by month that were shown in the overview on the previous page illustrate the dramatic decline in April.

Background

The HFDR program, for which reporting is *mandatory*, is based on its predecessor, the Hospital Discharge Data System (HDDS), which was established in 2001, and for which reporting was *voluntary*. HDDS was managed by the Alaska State Hospital and Nursing Home Association (ASHNA) with grant funds from DHSS 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*,

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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

DHSS has contracted with the Hospital Industry Data Institute (HIDI) to collect, validate, encrypt, and clean facility data. Facilities upload their data quarterly within 60 days of quarter-end via secure 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 ASHNA 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.

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. Currently, 18 states collect claims and payment data from public payers and private insurers according to the All-Payer Claims Database Council, though Alaska is not one of those states.

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 Department. Minimum necessary data may be used only for public health practice, research, and healthcare operations purposes. Alaska facilities may request the statewide dataset for healthcare operations purposes, provided that they are in compliance with required data reporting. 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 2020 inpatient datasets contain approximately 56,000 discharge records and over 1.2 million itemized revenue records, and the outpatient datasets contains over 1.3 million discharges and almost 5.5 million itemized revenue records.

Dataset and Data Analysis Requests

Datasets are available for purchase to the participating health care facilities that are current with their data submissions, and to public health programs and researchers upon approval. Five healthcare facilities and ASHNA requested and received 2020 healthcare operations datasets.

The Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP) requested and received the 2020 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.

DHSS 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.

Quality Improvement

All 19 ambulatory surgical centers and 24 non-military hospitals submitted discharge data for 2020. These facilities are listed in Appendix A.

In 2020, most facilities reported quarterly data by the due date, allowing datasets to be extracted within two weeks after the next quarter's end.

One hospital in the Southeast Region did not submit discharges for 2018 or 2019. A different Southeast Region hospital closed halfway through 2019. Also, two ambulatory surgery centers closed in 2019.

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 HID's edit reports will assist facilities towards the goal

of less than 5% of records with missing or invalid required fields.

The inpatient record error rate increased slightly from 10.4% for 2019 to 10.7% for 2020. The outpatient error rate increased from 9.3% for 2019 records to 11.1% for 2020. Inpatient 2020 records had 71 different types of errors or warnings, and outpatient records had 115 different types of errors or warnings.

Funding/Program Sustainability

The HFDR program is managed by 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.
- 2020 diagnoses are from *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.
- 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.
- The data in this report are generated from the 2020 version 2 dataset.

SOURCES

Alaska Department of Health and Social Services, Division of Public Health, Health Analytics and Vital Records Section, Health Facilities Data Reporting Program, 2020v2 dataset.



INPATIENT CHAPTER

- Inpatient Introduction
- Inpatient Tables
 - Alaska and Regional Leading Causes of Hospitalization (LCOH)
 - Alaska 10 LCOH with Examples of Top ICD-10-CM Diagnoses
 - 10 LCOH by Patient Demographics
 - *All Inpatient Discharges*
 - *#1 at 12.7% Liveborn Infant*
 - *#2 at 6.9% Septicemia*
 - *#3 at 3.3% Complications specified during childbirth*
 - *#4 at 2.6% Osteoarthritis*
 - *#5 at 2.3% Heart failure*
 - *#6 at 2.3% Depressive disorders*
 - *#7 at 2.1% Alcohol-related disorders*
 - *#8 at 2.0% Spondylopathies/spondyloarthropathy (including infective)*
 - *#9 at 1.9% Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium*
 - *#10 at 1.7% Acute myocardial infarction*
 - Alaska 10 LCOH by Age Group

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- Alaska Major Clinical Classification Groups for All Discharges, and for Those Using Emergency Room, Operating Room, or the Intensive Care Unit
- Alaska COVID-19 Discharge Counts, Average Length of Stay, and Average Billed Charges Compared to Discharges that are Not COVID

Inpatient Introduction

Diagnosis Aggregation

The medical reasons (diagnoses) for each hospital stay are key criteria for the analysis of health facilities' data. Diagnoses are coded by health care facilities as part of their billing process using the *International Classification of Diseases, Tenth Revision, Clinical Modification* (ICD-10-CM), the industry standard reference. While ICD-10-CM contains thousands of diagnosis codes, the codes can be combined into similar categories by software programs to facilitate analysis.

In this section, a diagnosis software grouping program, the AHRQ Clinical Classification Software Refined (CCSR), was used on the inpatient data, which aggregates diagnoses into approximately 540 categories. Each CCSR category falls within a CCSR group representing one of 21 body systems. In addition, hospitals categorize inpatient stays by diagnosis-related groups (DRG) for billing purposes. In Appendix C, the Alaska and regional top 10 DRG categories are also displayed.

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, revenue codes are used on each listing. Revenue codes that begin with the digits 45 used Emergency Room resources, that begin with 36 used Operating Room resources, and 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, the aggregated counts are not mutually exclusive.

Data Highlights

- Alaska hospitals reporting inpatient discharges to the HFDR program billed primary payers almost \$4.4 billion for roughly 55,500 stays in 2020 resulting in nearly 314,000 days in the hospital. For perspective, the total HFDR *outpatient* billings were almost \$4.0 billion for over 1.3 million visits.
- Overall, the number of inpatient stays declined by 7.2% in 2020, while inpatient billed charges increased by 0.6% in 2020.
- The top 10 Inpatient CCSR diagnosis categories, or the leading causes of hospitalization (LCOH), include 20,948 (or 37.7%) of the 55,513 total inpatient stays in 2020.
- The COVID-19 CCSR was not in the top 10 inpatient discharges statewide; however, the COVID-19 CCSR, when COVID-19 is the principal diagnosis, was ranked 8th in both the Anchorage Region and Gulf Coast Region in 2020.
- The statewide top 5 LCOH summary for 2020 is as follows:
 - *Liveborn infants* - the median length of stay was 2 days, the median charge was \$5,271, and the most common primary payer was Medicaid at 45%.
 - *Septicemia* - the median length of stay was 5 days, the median charge was \$74,245, and the most common primary payer was Medicare at 45%.
 - *Complications specified during childbirth* - The median length of stay was 2 days, the median charge was \$17,949, and the most common primary payer was Medicaid at 52%.
 - *Osteoarthritis* - the median length of stay was 2 days, the median charge was \$106,501, and the most common primary payer was Medicare at 57%.

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- *Heart failure* - The median length of stay was 4 days, the median charge was \$58,012, and the most common primary payer was Medicare at 56%.
- Comparing the top 10 LCOH by gender, the categories with the highest percentage of female patients, aside from diagnoses related to childbirth, were *depressive disorders* at 56% and *osteoarthritis* at 55% female. The categories with the highest percentage of male patients were *acute myocardial infarction* at 69%, *heart failure* at 62%, and *alcohol-related disorders* at 61% male.
- The LCOH for inpatients under age 1 was *liveborn infant*, for children ages 1 to 17 was *depressive disorders*, for adults aged 18 to 64 was *septicemia*, and for adults aged 65 plus was also *septicemia*. Note that in 2020, the COVID-19 CCSR is ranked 6th for inpatients over age 64.
- Based on billing revenue codes, inpatient discharges that used the emergency room (ER), the operating room (OR), and/or the intensive care unit (ICU) declined from 2019 to 2020 by 10%, 6%, and 16%, respectively. Nine of the top 10 major CCSR groupings (body systems) also declined for each type of discharge.
- The ICD-10-CM diagnosis code for COVID-19 is U07.1 *Coronavirus disease-2019 (COVID-19)* which also has its very own CCSR category code of INF012, and that falls within the *Certain Infectious and Parasitic Diseases (INF)* CCSR grouping which is the only group in the top ten that increased, by 20%.
- For the nine months April through December, the average billed charge in 2020 for inpatient discharges with a COVID-19 diagnosis was almost \$120,000 while the non-COVID-19 discharge average was nearly \$78,000 in 2020 and \$72,000 in 2019. If a COVID-19 discharge used the ICU, the average billed charge was over \$173,000 with an average length of stay of 10.3 days, and if the COVID-19 discharge did not use the ICU, the average charge was approximately \$52,000 with an average length of stay of 5.6 days.

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HFDR INPATIENT - 2020 Regional LCOH

All of Alaska Inpatient

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	7,065	12.7%
2	Septicemia	3,806	6.9%
3	Complications specified during childbirth	1,858	3.3%
4	Osteoarthritis	1,419	2.6%
5	Heart failure	1,280	2.3%
6	Depressive disorders	1,280	2.3%
7	Alcohol-related disorders	1,156	2.1%
8	Spondylopathies/spondyloarthropathy (including infective)	1,089	2.0%
9	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	1,034	1.9%
10	Acute myocardial infarction	961	1.7%

Anchorage Region Inpatient

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	2,843	12.4%
2	Septicemia	1,965	8.6%
3	Complications specified during childbirth	706	3.1%
4	Heart failure	587	2.6%
5	Spondylopathies/spondyloarthropathy (including infective)	544	2.4%
6	Osteoarthritis	543	2.4%
7	Alcohol-related disorders	511	2.2%
8	Coronavirus disease – 2019 (COVID-19)	429	1.9%
9	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	406	1.8%
10	Depressive disorders	401	1.8%

Gulf Coast Region Inpatient

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	751	11.5%
2	Septicemia	370	5.7%
3	Osteoarthritis	282	4.3%
4	Complications specified during childbirth	183	2.8%
5	Spondylopathies/spondyloarthropathy (including infective)	177	2.7%
6	Acute myocardial infarction	154	2.4%
7	Heart failure	146	2.2%
8	Coronavirus disease – 2019 (COVID-19)	123	1.9%
9	Cerebral infarction	115	1.8%
10	Alcohol-related disorders	114	1.7%

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Interior Region Inpatient

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	966	17.0%
2	Depressive disorders	292	5.1%
3	Osteoarthritis	219	3.9%
4	Complications specified during childbirth	186	3.3%
5	Septicemia	159	2.8%
6	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	149	2.6%
7	Schizophrenia spectrum and other psychotic disorders	148	2.6%
8	Bipolar and related disorders	134	2.4%
9	OB-related trauma to perineum and vulva	128	2.3%
10	Malposition, disproportion or other labor complications	126	2.2%

Matanuska-Susitna Region Inpatient

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	961	12.8%
2	Septicemia	680	9.0%
3	Complications specified during childbirth	213	2.8%
4	Heart failure	185	2.5%
5	Osteoarthritis	182	2.4%
6	Spondylopathies/spondyloarthropathy (including infective)	181	2.4%
7	Acute myocardial infarction	179	2.4%
8	Previous C-section	124	1.6%
9	Depressive disorders	123	1.6%
10	Diabetes mellitus with complication	114	1.5%

Northern Region Inpatient

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	438	12.6%
2	Complications specified during childbirth	156	4.5%
3	Alcohol-related disorders	125	3.6%
4	Septicemia	115	3.3%
5	Depressive disorders	94	2.7%
6	Heart failure	83	2.4%
7	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	82	2.4%
8	Suicidal ideation/attempt/intentional self-harm	72	2.1%
9	Schizophrenia spectrum and other psychotic disorders	58	1.7%
10	Pneumonia (except that caused by tuberculosis)	58	1.7%

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Southeast Region Inpatient

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	556	11.6%
2	Septicemia	300	6.3%
3	Alcohol-related disorders	178	3.7%
4	Complications specified during childbirth	141	2.9%
5	Osteoarthritis	124	2.6%
6	Heart failure	122	2.5%
7	Schizophrenia spectrum and other psychotic disorders	96	2.0%
8	Depressive disorders	94	2.0%
9	Diabetes mellitus with complication	83	1.7%
10	Cardiac dysrhythmias	82	1.7%

Southwest Region Inpatient

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	526	14.1%
2	Complications specified during childbirth	265	7.1%
3	Septicemia	153	4.1%
4	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	146	3.9%
5	Depressive disorders	142	3.8%
6	Schizophrenia spectrum and other psychotic disorders	105	2.8%
7	Skin and subcutaneous tissue infections	102	2.7%
8	Acute bronchitis	98	2.6%
9	Pneumonia (except that caused by tuberculosis)	90	2.4%
10	Early or threatened labor	73	2.0%

2020 Inpatient LCOH with Examples of Diagnoses

Inpatient CCSR Rank #1: Liveborn Infant

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Single liveborn infant, delivered vaginally	5,227
2	Single liveborn infant, delivered by cesarean	1,640
3	Twin liveborn infant, delivered by cesarean	94

Inpatient CCSR Rank #2: Septicemia

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Sepsis, unspecified organism	2,503
2	Other specified sepsis	369
3	Sepsis due to Escherichia coli [E. coli]	248

Inpatient CCSR Rank #3: Complications specified during childbirth

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Streptococcus B carrier state complicating childbirth	440
2	Anemia complicating childbirth	247
3	Liver and biliary tract disorders in childbirth	181

Inpatient CCSR Rank #4: Osteoarthritis

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Unilateral primary osteoarthritis, right knee	332
2	Unilateral primary osteoarthritis, left knee	320
3	Unilateral primary osteoarthritis, right hip	264

Inpatient CCSR Rank #5: Heart failure

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	476
2	Hypertensive heart disease with heart failure	464
3	Acute on chronic systolic (congestive) heart failure	141

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Inpatient CCSR Rank #6: Depressive disorders

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Major depressive disorder, recurrent severe without psychotic features	443
2	Major depressive disorder, single episode, unspecified	293
3	Major depressive disorder, single episode, severe without psychotic features	133

Inpatient CCSR Rank #7: Alcohol-related disorders

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Alcohol dependence with withdrawal, unspecified	614
2	Alcohol dependence with withdrawal delirium	175
3	Alcohol dependence, uncomplicated	86

Inpatient CCSR Rank #8: Spondylopathies/spondyloarthropathy (including infective)

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Spinal stenosis, cervical region	206
2	Spinal stenosis, lumbar region with neurogenic claudication	169
3	Spinal stenosis, lumbar region without neurogenic claudication	126

Inpatient CCSR Rank #9: Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	267
2	Mild to moderate pre-eclampsia, complicating childbirth	157
3	Severe pre-eclampsia complicating childbirth	142

Inpatient CCSR Rank #10: Acute myocardial infarction

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Non-ST elevation (NSTEMI) myocardial infarction	668
2	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	87
3	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	74

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2020 100% of Inpatient Discharges: All Inpatient Stays

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	24,743	44.6%	\$50,277	\$2,281,688,885	3	158,692
Sex: Female	30,761	55.4%	\$34,651	\$2,102,179,049	3	154,930
Race: White	29,045	52.3%	\$49,448	\$2,494,910,045	3	164,445
Race: AI/AN	15,971	28.8%	\$31,000	\$1,037,223,768	3	89,931
Race: Asian/PI	3,574	6.4%	\$41,421	\$301,566,553	3	20,064
Race: Black	1,905	3.4%	\$51,572	\$173,507,207	3	11,916
Ethnicity: Hispanic	1,723	3.1%	\$39,522	\$122,879,526	3	8,203
Age Group: 00-14	9,732	17.5%	\$7,592	\$454,761,638	2	45,381
Age Group: 15-24	4,340	7.8%	\$28,101	\$205,844,002	3	22,389
Age Group: 25-34	8,239	14.8%	\$26,781	\$408,308,432	2	33,856
Age Group: 35-44	5,512	9.9%	\$39,621	\$376,931,354	3	26,923
Age Group: 45-54	4,822	8.7%	\$59,705	\$485,147,183	3	29,715
Age Group: 55-64	7,576	13.6%	\$68,550	\$842,048,312	3	48,659
Age Group: 65-74	8,115	14.6%	\$72,689	\$929,357,995	3	54,725
Age Group: 75+	7,173	12.9%	\$60,387	\$681,501,494	4	51,989
Payer: Medicare	15,637	28.2%	\$64,241	\$1,617,764,904	4	109,227
Payer: Medicaid	19,853	35.8%	\$31,622	\$1,381,080,874	3	113,834
Payer: Commercial	13,400	24.1%	\$31,704	\$884,743,008	2	55,724
Payer: Self Pay	2,731	4.9%	\$21,410	\$123,845,388	2	10,360
Payer: Other	3,892	7.0%	\$55,437	\$376,539,363	3	24,498
Region: Anchorage	22,912	41.3%	\$50,981	\$2,118,745,503	3	143,739
Region: Gulf Coast	6,526	11.8%	\$38,962	\$477,107,995	3	35,156
Region: Interior	5,688	10.2%	\$31,300	\$343,554,145	2	26,560
Region: Mat-Su	7,532	13.6%	\$53,917	\$720,632,260	3	39,870
Region: Northern	3,585	6.5%	\$21,593	\$168,032,397	2	15,528
Region: Southeast	4,798	8.6%	\$25,965	\$250,766,912	3	27,092
Region: Southwest	3,725	6.7%	\$21,537	\$236,559,609	3	20,751
Region: Out of State	723	1.3%	\$57,299	\$67,787,659	4	4,801
Alaska 2020	55,513	100.0%	\$40,904	\$4,383,973,536	3	313,643
Alaska 2019	59,851	-	\$37,983	\$4,359,570,214	3	334,808
Alaska 2018	60,292	-	\$34,673	\$3,993,391,476	3	353,058

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2020 #1 LCOH at 12.7% of Inpatient Discharges: Liveborn Infant

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	3,595	50.9%	\$5,645	\$134,724,085	2	13,925
Sex: Female	3,465	49.0%	\$4,997	\$125,188,943	2	13,287
Race: White	2,690	38.1%	\$4,591	\$83,454,965	2	9,195
Race: AI/AN	2,043	28.9%	\$8,441	\$59,391,449	2	7,569
Race: Asian/PI	503	7.1%	\$4,580	\$17,017,393	2	1,869
Race: Black	173	2.4%	\$5,272	\$6,187,878	2	654
Ethnicity: Hispanic	205	2.9%	\$4,779	\$4,845,119	2	619
Age Group: 00-14	7,065	100.0%	\$5,271	\$259,937,671	2	27,221
Payer: Medicaid	3,165	44.8%	\$5,772	\$155,565,954	2	14,920
Payer: Commercial	2,541	36.0%	\$4,531	\$68,003,917	2	8,089
Payer: Self Pay	926	13.1%	\$8,250	\$12,345,044	2	2,276
Payer: Other	433	6.1%	\$5,238	\$24,022,756	2	1,936
Region: Anchorage	2,843	40.2%	\$5,054	\$127,867,218	2	12,194
Region: Gulf Coast	751	10.6%	\$4,410	\$16,451,876	2	2,077
Region: Interior	966	13.7%	\$4,276	\$32,076,763	2	3,962
Region: Mat-Su	961	13.6%	\$6,031	\$36,538,858	2	3,485
Region: Northern	438	6.2%	\$8,387	\$10,939,116	2	1,424
Region: Southeast	556	7.9%	\$5,801	\$11,807,598	2	1,684
Region: Southwest	526	7.4%	\$8,255	\$22,690,967	2	2,307
Region: Out of State	22	0.3%	\$4,589	\$1,559,125	2	86
Alaska 2020	7,065	100.0%	\$5,271	\$259,937,671	2	27,221
Alaska 2019	7,354	-	\$5,033	\$263,514,479	2	28,759
Alaska 2018	7,643	-	\$4,903	\$232,202,268	2	28,660

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2020 #2 LCOH at 6.9% of Inpatient Discharges: **Septicemia**

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

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2020 #3 LCOH at 3.3% of Inpatient Discharges: **Complications specified during childbirth**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Female	1,858	100.0%	\$17,949	\$40,539,981	2	3,829
Race: White	798	42.9%	\$20,646	\$19,749,910	2	1,668
Race: AI/AN	684	36.8%	\$13,150	\$11,609,923	2	1,355
Race: Asian/PI	177	9.5%	\$20,738	\$4,218,457	2	369
Race: Black	45	2.4%	\$24,809	\$1,086,706	2	90
Ethnicity: Hispanic	70	3.8%	\$20,696	\$1,626,562	2	142
Age Group: 15-24	543	29.2%	\$17,449	\$11,098,096	2	1,123
Age Group: 25-34	1,067	57.4%	\$17,885	\$23,585,023	2	2,202
Age Group: 35-44	244	13.1%	\$19,608	\$5,735,416	2	496
Age Group: 45-54	4	0.2%	\$27,448	\$121,447	2	8
Payer: Medicare	10	0.5%	\$25,997	\$269,361	2	21
Payer: Medicaid	964	51.9%	\$16,883	\$20,373,378	2	2,041
Payer: Commercial	713	38.4%	\$20,052	\$16,446,964	2	1,457
Payer: Self Pay	79	4.3%	\$14,725	\$1,408,640	2	138
Payer: Other	92	5.0%	\$19,656	\$2,041,637	2	172
Region: Anchorage	706	38.0%	\$21,357	\$17,256,040	2	1,478
Region: Gulf Coast	183	9.8%	\$18,554	\$4,048,701	2	343
Region: Interior	186	10.0%	\$11,564	\$2,796,270	2	349
Region: Mat-Su	213	11.5%	\$28,053	\$6,896,119	2	463
Region: Northern	156	8.4%	\$17,121	\$3,143,766	2	314
Region: Southeast	141	7.6%	\$14,855	\$2,611,349	2	333
Region: Southwest	265	14.3%	\$7,719	\$3,622,911	2	532
Region: Out of State	7	0.4%	\$20,021	\$150,117	2	15
Alaska 2020	1,858	100.0%	\$17,949	\$40,539,981	2	3,829
Alaska 2019	1,952	-	\$17,631	\$40,787,275	2	4,136
Alaska 2018	2,033	-	\$16,481	\$41,252,970	2	4,441

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2020 #4 LCOH at 2.6% of Inpatient Discharges: Osteoarthritis

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	638	45.0%	\$111,388	\$70,679,442	2	1,251
Sex: Female	781	55.0%	\$104,224	\$85,140,348	2	1,730
Race: White	1,048	73.9%	\$115,863	\$121,066,892	2	2,132
Race: AI/AN	257	18.1%	\$73,416	\$19,653,240	2	558
Race: Asian/PI	23	1.6%	\$144,063	\$3,169,746	2	71
Race: Black	34	2.4%	\$142,750	\$4,633,755	2	89
Ethnicity: Hispanic	26	1.8%	\$116,040	\$2,906,458	2	52
Age Group: 15-24	1	0.1%	\$115,850	\$115,850	3	3
Age Group: 25-34	9	0.6%	\$101,817	\$1,034,035	2	20
Age Group: 35-44	27	1.9%	\$115,903	\$3,188,899	2	49
Age Group: 45-54	136	9.6%	\$83,428	\$14,711,884	2	264
Age Group: 55-64	386	27.2%	\$88,938	\$39,537,553	2	733
Age Group: 65-74	613	43.2%	\$111,447	\$68,832,064	2	1,243
Age Group: 75+	247	17.4%	\$115,327	\$28,399,505	2	669
Payer: Medicare	809	57.0%	\$111,194	\$90,577,843	2	1,804
Payer: Medicaid	146	10.3%	\$102,586	\$16,564,267	2	274
Payer: Commercial	282	19.9%	\$84,651	\$28,401,969	2	532
Payer: Self Pay	28	2.0%	\$72,889	\$2,128,002	2	54
Payer: Other	154	10.9%	\$119,785	\$18,147,710	2	317
Region: Anchorage	543	38.3%	\$127,544	\$71,698,770	2	1,145
Region: Gulf Coast	282	19.9%	\$87,861	\$28,551,408	2	553
Region: Interior	219	15.4%	\$57,915	\$16,448,833	2	463
Region: Mat-Su	182	12.8%	\$129,757	\$24,803,699	1	345
Region: Northern	30	2.1%	\$70,524	\$2,007,694	2	67
Region: Southeast	124	8.7%	\$56,909	\$8,487,954	2	318
Region: Southwest	34	2.4%	\$78,996	\$3,062,384	2	73
Region: Out of State	5	0.4%	\$140,104	\$759,050	3	17
Alaska 2020	1,419	100.0%	\$106,501	\$155,819,790	2	2,981
Alaska 2019	1,758	-	\$100,667	\$183,171,345	2	3,971
Alaska 2018	1,908	-	\$81,935	\$179,266,603	2	4,762

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2020 #5 LCOH at 2.3% of Inpatient Discharges: **Heart failure**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	795	62.1%	\$58,969	\$69,164,570	4	5,096
Sex: Female	485	37.9%	\$56,824	\$40,005,050	4	2,922
Race: White	699	54.6%	\$60,670	\$64,210,694	4	4,353
Race: AI/AN	366	28.6%	\$42,270	\$22,642,018	4	1,990
Race: Asian/PI	88	6.9%	\$72,621	\$10,021,799	5	788
Race: Black	69	5.4%	\$77,692	\$7,343,317	5	550
Ethnicity: Hispanic	24	1.9%	\$65,550	\$2,253,482	6	186
Age Group: 00-14	1	0.1%	\$11,017	\$11,017	4	4
Age Group: 15-24	1	0.1%	\$89,669	\$89,669	7	7
Age Group: 25-34	47	3.7%	\$40,139	\$3,184,485	4	201
Age Group: 35-44	96	7.5%	\$57,209	\$8,358,310	4	601
Age Group: 45-54	136	10.6%	\$58,419	\$11,549,258	4	796
Age Group: 55-64	246	19.2%	\$67,171	\$24,579,350	4	1,746
Age Group: 65-74	299	23.4%	\$63,756	\$27,897,781	5	1,936
Age Group: 75+	454	35.5%	\$50,789	\$33,499,751	4	2,727
Payer: Medicare	718	56.1%	\$57,239	\$58,903,202	4	4,623
Payer: Medicaid	340	26.6%	\$58,198	\$29,008,462	4	2,064
Payer: Commercial	90	7.0%	\$72,723	\$9,614,207	4	500
Payer: Self Pay	41	3.2%	\$50,018	\$3,531,588	3	203
Payer: Other	91	7.1%	\$57,243	\$8,112,161	4	628
Region: Anchorage	587	45.9%	\$69,479	\$59,100,674	5	4,485
Region: Gulf Coast	146	11.4%	\$44,715	\$10,026,735	4	788
Region: Interior	93	7.3%	\$42,082	\$5,912,631	3	336
Region: Mat-Su	185	14.5%	\$66,432	\$19,123,980	3	921
Region: Northern	83	6.5%	\$40,649	\$5,014,131	4	471
Region: Southeast	122	9.5%	\$28,020	\$5,627,616	4	659
Region: Southwest	44	3.4%	\$40,266	\$2,996,956	4	279
Region: Out of State	20	1.6%	\$59,868	\$1,366,898	3	79
Alaska 2020	1,280	100.0%	\$58,012	\$109,169,621	4	8,018
Alaska 2019	1,352	-	\$49,905	\$106,501,820	4	8,348
Alaska 2018	1,283	-	\$47,512	\$92,662,576	4	7,827

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2020 #6 LCOH at 2.3% of Inpatient Discharges: **Depressive disorders**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	560	43.8%	\$37,200	\$28,664,265	6	5,423
Sex: Female	720	56.3%	\$42,417	\$42,573,133	7	7,693
Race: White	640	50.0%	\$49,686	\$40,737,663	7	7,062
Race: AI/AN	504	39.4%	\$29,686	\$22,169,808	5	4,267
Race: Asian/PI	17	1.3%	\$59,173	\$1,127,217	7	154
Race: Black	45	3.5%	\$58,900	\$2,638,792	9	516
Ethnicity: Hispanic	26	2.0%	\$35,383	\$1,472,621	8	336
Age Group: 00-14	167	13.0%	\$68,200	\$12,509,296	15	2,847
Age Group: 15-24	484	37.8%	\$44,140	\$29,163,251	8	5,634
Age Group: 25-34	258	20.2%	\$30,956	\$11,736,055	5	2,055
Age Group: 35-44	143	11.2%	\$28,658	\$6,001,755	5	873
Age Group: 45-54	104	8.1%	\$37,447	\$5,182,244	6	763
Age Group: 55-64	86	6.7%	\$39,755	\$4,535,083	7	648
Age Group: 65-74	37	2.9%	\$39,202	\$2,105,273	7	295
Age Group: 75+	1	0.1%	\$4,440	\$4,440	1	1
Payer: Medicare	87	6.8%	\$39,202	\$4,717,209	7	751
Payer: Medicaid	730	57.0%	\$34,634	\$35,149,022	6	6,205
Payer: Commercial	290	22.7%	\$54,418	\$19,754,657	7	3,305
Payer: Self Pay	30	2.3%	\$22,949	\$1,067,754	5	222
Payer: Other	143	11.2%	\$62,000	\$10,548,757	13	2,633
Region: Anchorage	401	31.3%	\$61,674	\$27,933,850	9	4,946
Region: Gulf Coast	111	8.7%	\$42,570	\$7,008,152	9	1,433
Region: Interior	292	22.8%	\$29,018	\$12,053,929	4	2,306
Region: Mat-Su	123	9.6%	\$60,620	\$9,081,605	6	1,406
Region: Northern	94	7.3%	\$39,110	\$4,463,788	5	799
Region: Southeast	94	7.3%	\$21,071	\$4,000,210	5	798
Region: Southwest	142	11.1%	\$20,230	\$5,198,082	6	1,172
Region: Out of State	22	1.7%	\$74,366	\$1,469,881	11	247
Alaska 2020	1,280	100.0%	\$39,779	\$71,237,398	7	13,116
Alaska 2019	1,226	-	\$41,208	\$67,238,318	7	12,867
Alaska 2018	1,383	-	\$37,401	\$71,478,635	7	14,368

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2020 #7 LCOH at 2.1% of Inpatient Discharges: Alcohol-related disorders

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	703	60.8%	\$37,200	\$34,562,368	4	4,626
Sex: Female	453	39.2%	\$29,407	\$16,939,244	3	1,919
Race: White	474	41.0%	\$41,005	\$25,425,162	4	3,603
Race: AI/AN	582	50.3%	\$27,493	\$21,788,814	2	2,302
Race: Asian/PI	11	1.0%	\$43,031	\$702,093	4	52
Race: Black	7	0.6%	\$55,995	\$384,732	5	60
Ethnicity: Hispanic	20	1.7%	\$25,984	\$879,433	4	105
Age Group: 00-14	1	0.1%	\$56,318	\$56,318	2	2
Age Group: 15-24	47	4.1%	\$22,572	\$1,772,193	2	401
Age Group: 25-34	282	24.4%	\$30,872	\$11,684,516	3	1,752
Age Group: 35-44	310	26.8%	\$29,886	\$12,279,180	3	1,607
Age Group: 45-54	232	20.1%	\$34,847	\$10,631,389	3	1,211
Age Group: 55-64	213	18.4%	\$41,139	\$10,922,630	4	1,166
Age Group: 65-74	62	5.4%	\$39,772	\$3,559,458	4	350
Age Group: 75+	8	0.7%	\$52,894	\$551,055	5	55
Payer: Medicare	94	8.1%	\$42,685	\$5,377,661	4	555
Payer: Medicaid	751	65.0%	\$31,585	\$30,821,277	3	3,400
Payer: Commercial	156	13.5%	\$37,007	\$7,501,182	3	995
Payer: Self Pay	71	6.1%	\$27,332	\$2,185,513	2	192
Payer: Other	84	7.3%	\$56,581	\$5,615,980	13	1,403
Region: Anchorage	511	44.2%	\$40,300	\$25,893,595	4	3,085
Region: Gulf Coast	114	9.9%	\$33,829	\$5,474,181	4	824
Region: Interior	58	5.0%	\$42,260	\$3,336,927	3	465
Region: Mat-Su	87	7.5%	\$40,300	\$4,899,568	3	543
Region: Northern	125	10.8%	\$23,164	\$3,712,702	2	345
Region: Southeast	178	15.4%	\$21,428	\$5,603,511	3	960
Region: Southwest	57	4.9%	\$12,222	\$1,510,303	2	189
Region: Out of State	21	1.8%	\$40,868	\$940,626	4	92
Alaska 2020	1,156	100.0%	\$34,111	\$51,501,613	3	6,545
Alaska 2019	1,055	-	\$30,774	\$49,654,065	3	6,271
Alaska 2018	896	-	\$27,752	\$40,374,299	3	5,475

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2020 #8 LCOH at 2.0% of Inpatient Discharges: **Spondylopathies/spondyloarthropathy (including infective)**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	559	51.3%	\$160,965	\$109,522,423	2	1,986
Sex: Female	530	48.7%	\$160,782	\$105,281,497	3	1,826
Race: White	840	77.1%	\$162,125	\$165,322,413	2	2,756
Race: AI/AN	72	6.6%	\$102,653	\$11,624,651	4	467
Race: Asian/PI	35	3.2%	\$201,838	\$7,489,738	3	121
Race: Black	64	5.9%	\$159,807	\$12,366,083	3	252
Ethnicity: Hispanic	36	3.3%	\$175,483	\$7,234,089	2	113
Age Group: 15-24	8	0.7%	\$167,033	\$1,615,262	2	16
Age Group: 25-34	48	4.4%	\$113,505	\$6,107,614	2	94
Age Group: 35-44	116	10.7%	\$156,528	\$20,266,115	2	329
Age Group: 45-54	202	18.5%	\$158,199	\$37,256,391	2	539
Age Group: 55-64	283	26.0%	\$179,626	\$61,721,203	3	990
Age Group: 65-74	288	26.4%	\$163,216	\$60,102,818	3	1,221
Age Group: 75+	144	13.2%	\$158,636	\$27,734,516	3	623
Payer: Medicare	427	39.2%	\$161,114	\$85,807,733	3	1,721
Payer: Medicaid	164	15.1%	\$169,122	\$34,647,808	2	611
Payer: Commercial	296	27.2%	\$163,085	\$56,676,473	2	867
Payer: Self Pay	12	1.1%	\$97,894	\$1,231,750	2	40
Payer: Other	190	17.4%	\$159,129	\$36,440,156	2	573
Region: Anchorage	544	50.0%	\$176,742	\$115,852,376	2	1,893
Region: Gulf Coast	177	16.3%	\$143,803	\$29,205,212	3	578
Region: Interior	91	8.4%	\$171,908	\$19,356,632	3	330
Region: Mat-Su	181	16.6%	\$165,136	\$34,865,071	2	498
Region: Northern	14	1.3%	\$82,146	\$1,753,345	3	147
Region: Southeast	54	5.0%	\$123,144	\$9,270,397	3	209
Region: Southwest	20	1.8%	\$133,403	\$3,406,312	4	110
Region: Out of State	8	0.7%	\$136,137	\$1,094,574	4	47
Alaska 2020	1,089	100.0%	\$160,965	\$214,803,919	2	3,812
Alaska 2019	1,085	-	\$152,308	\$188,914,440	3	3,990
Alaska 2018	1,151	-	\$130,244	\$175,886,671	3	4,225

2020 #9 LCOH at 1.9% of Inpatient Discharges: Hypertension and hypertensive-related conditions complicating pregnancy, childbirth, and the puerperium

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Female	1,034	100.0%	\$26,282	\$35,437,864	3	3,237
Race: White	441	42.6%	\$27,851	\$15,230,452	3	1,345
Race: AI/AN	409	39.6%	\$22,898	\$12,629,768	3	1,257
Race: Asian/PI	80	7.7%	\$37,267	\$3,795,394	3	312
Race: Black	25	2.4%	\$36,933	\$1,116,858	3	89
Ethnicity: Hispanic	35	3.4%	\$27,888	\$1,543,269	3	135
Age Group: 15-24	261	25.2%	\$25,273	\$8,753,154	3	816
Age Group: 25-34	573	55.4%	\$25,514	\$19,259,808	3	1,781
Age Group: 35-44	200	19.3%	\$29,452	\$7,424,902	3	640
Payer: Medicare	1	0.1%	\$79,222	\$79,222	7	7
Payer: Medicaid	495	47.9%	\$25,802	\$16,421,230	3	1,512
Payer: Commercial	446	43.1%	\$27,021	\$15,323,840	3	1,388
Payer: Self Pay	42	4.1%	\$28,705	\$1,518,157	3	143
Payer: Other	50	4.8%	\$26,431	\$2,095,415	3	187
Region: Anchorage	406	39.3%	\$31,501	\$16,284,170	3	1,381
Region: Gulf Coast	87	8.4%	\$26,136	\$2,904,731	2	250
Region: Interior	149	14.4%	\$15,643	\$3,021,560	2	374
Region: Mat-Su	97	9.4%	\$36,706	\$4,682,724	3	329
Region: Northern	82	7.9%	\$23,250	\$2,554,944	3	253
Region: Southeast	66	6.4%	\$19,111	\$1,690,469	3	192
Region: Southwest	146	14.1%	\$21,806	\$4,277,832	3	456
Region: Out of State	1	0.1%	\$21,434	\$21,434	2	2
Alaska 2020	1,034	100.0%	\$26,282	\$35,437,864	3	3,237
Alaska 2019	1,084	-	\$27,171	\$38,361,455	3	3,681
Alaska 2018	957	-	\$26,230	\$31,815,850	3	3,281

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2020 #10 LCOH at 1.7% of Inpatient Discharges: **Acute myocardial infarction**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex: Male	667	69.4%	\$107,331	\$106,476,718	2	2,804
Sex: Female	294	30.6%	\$99,077	\$45,178,154	2	1,465
Race: White	692	72.0%	\$109,978	\$106,518,905	2	2,726
Race: AI/AN	119	12.4%	\$87,857	\$15,191,021	2	565
Race: Asian/PI	75	7.8%	\$106,596	\$18,734,905	3	651
Race: Black	29	3.0%	\$107,859	\$4,357,082	3	125
Ethnicity: Hispanic	28	2.9%	\$107,263	\$4,517,777	3	139
Age Group: 15-24	2	0.2%	\$86,253	\$172,507	2	4
Age Group: 25-34	6	0.6%	\$61,550	\$431,800	3	14
Age Group: 35-44	47	4.9%	\$87,304	\$4,809,770	2	105
Age Group: 45-54	124	12.9%	\$95,005	\$19,547,428	2	492
Age Group: 55-64	269	28.0%	\$109,305	\$42,957,138	2	1,218
Age Group: 65-74	280	29.1%	\$114,841	\$50,221,053	2	1,235
Age Group: 75+	233	24.2%	\$107,331	\$33,515,176	3	1,201
Payer: Medicare	453	47.1%	\$112,452	\$77,117,542	3	2,282
Payer: Medicaid	145	15.1%	\$90,037	\$20,635,509	2	699
Payer: Commercial	221	23.0%	\$105,635	\$33,802,064	2	760
Payer: Self Pay	33	3.4%	\$102,455	\$5,363,867	3	158
Payer: Other	109	11.3%	\$106,060	\$14,735,889	2	370
Region: Anchorage	354	36.8%	\$111,658	\$62,512,431	3	1,900
Region: Gulf Coast	154	16.0%	\$91,328	\$22,046,778	2	665
Region: Interior	109	11.3%	\$89,072	\$12,481,511	2	301
Region: Mat-Su	179	18.6%	\$164,337	\$34,849,952	2	687
Region: Northern	25	2.6%	\$80,878	\$3,097,186	3	98
Region: Southeast	80	8.3%	\$86,468	\$9,313,629	3	407
Region: Southwest	29	3.0%	\$97,363	\$3,713,825	3	107
Region: Out of State	31	3.2%	\$91,426	\$3,639,561	2	104
Alaska 2020	961	100.0%	\$106,355	\$151,654,871	2	4,269
Alaska 2019	1,178	-	\$103,543	\$171,124,590	2	5,465
Alaska 2018	1,068	-	\$102,378	\$148,364,026	2	4,792

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HFDR INPATIENT - 2020 LCOH by Age Group

Under Age 1 Inpatient

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Liveborn Infant	7,065	87.8%
2	Acute bronchitis	164	2.0%
3	Hemolytic jaundice and perinatal jaundice	109	1.4%
4	Other specified and unspecified perinatal conditions	66	0.8%
5	Short gestation; low birth weight; and fetal growth retardation	39	0.5%
6	Respiratory perinatal condition	39	0.5%
7	Pneumonia (except that caused by tuberculosis)	39	0.5%
8	Respiratory failure; insufficiency; arrest	33	0.4%
9	Perinatal infections	30	0.4%
10	Respiratory distress syndrome	28	0.3%

Age 1 to 17

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Depressive disorders	379	15.6%
2	Trauma- and stressor-related disorders	156	6.4%
3	Neurodevelopmental disorders	121	5.0%
4	Appendicitis and other appendiceal conditions	102	4.2%
5	Acute bronchitis	74	3.1%
6	Suicidal ideation/attempt/intentional self-harm	69	2.8%
7	Pneumonia (except that caused by tuberculosis)	65	2.7%
8	Fracture of the lower limb (except hip), initial encounter	64	2.6%
9	Skin and subcutaneous tissue infections	60	2.5%
10	Epilepsy; convulsions	52	2.1%

Age 18 to 64

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Septicemia	2,129	7.2%
2	Complications specified during childbirth	1,837	6.2%
3	Alcohol-related disorders	1,081	3.6%
4	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	1,026	3.4%
5	Depressive disorders	863	2.9%
6	Schizophrenia spectrum and other psychotic disorders	824	2.8%
7	Malposition, disproportion or other labor complications	717	2.4%
8	Previous C-section	676	2.3%
9	Spondylopathies/spondyloarthropathy (including infective)	655	2.2%
10	Osteoarthritis	559	1.9%

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Over Age 64

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Septicemia	1,633	10.7%
2	Osteoarthritis	860	5.6%
3	Heart failure	753	4.9%
4	Acute myocardial infarction	513	3.4%
5	Cerebral infarction	490	3.2%
6	Coronavirus disease – 2019 (COVID-19)	464	3.0%
7	Spondylopathies/spondyloarthropathy (including infective)	432	2.8%
8	Cardiac dysrhythmias	401	2.6%
9	Acute and unspecified renal failure	325	2.1%
10	Fracture of the neck of the femur (hip), initial encounter	292	1.9%

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HFDR INPATIENT – 2019 and 2020 Inpatient Discharges (and % of column total) for Major CCSR Diagnosis Group by Three Select Revenue Code Groups (ER, OR, and ICU), and the Overall Inpatient Total

Major CCSR Group of Principal Diagnosis	ER 2019	ER 2020	OR 2019	OR 2020	ICU 2019	ICU 2020	2019	2020
Pregnancy, Childbirth and the Puerperium	1,261 (4.4%)	737 (2.8%)	2,398 (13.1%)	2,361 (13.8%)	1,140 (6.6%)	679 (4.7%)	8,582 (14.3%)	8,112 (14.6%)
Certain Conditions Originating in the Perinatal Period	108 (0.4%)	83 (0.3%)	554 (3.0%)	438 (2.6%)	50 (0.3%)	45 (0.3%)	7,819 (13.1%)	7,455 (13.4%)
Diseases of the Circulatory System	4,710 (16.3%)	4,266 (16.3%)	1,848 (10.1%)	1,697 (9.9%)	4,854 (28.1%)	3,881 (26.9%)	6,449 (10.8%)	5,903 (10.6%)
Mental, Behavioral and Neurodevelopmental Disorders	2,620 (9.1%)	2,485 (9.5%)	73 (0.4%)	60 (0.4%)	1,347 (7.8%)	1,168 (8.1%)	5,189 (8.7%)	5,079 (9.1%)
Certain Infectious and Parasitic Diseases	3,589 (12.4%)	4,326 (16.5%)	1,171 (6.4%)	1,391 (8.1%)	2,240 (13.0%)	2,665 (18.5%)	4,014 (6.7%)	4,833 (8.7%)
Injury, Poisoning and Other Consequences Certain of External Causes	3,396 (11.8%)	3,269 (12.5%)	2,795 (15.3%)	2,635 (15.4%)	1,641 (9.5%)	1,330 (9.2%)	4,734 (7.9%)	4,518 (8.1%)
Diseases of the Digestive System	3,948 (13.7%)	3,530 (13.5%)	2,061 (11.3%)	1,907 (11.1%)	1,349 (7.8%)	1,105 (7.7%)	4,985 (8.3%)	4,517 (8.1%)
Diseases of the Musculoskeletal System and Connective Tissue	649 (2.2%)	664 (2.5%)	3,418 (18.7%)	3,096 (18.1%)	338 (2.0%)	219 (1.5%)	3,869 (6.5%)	3,565 (6.4%)
Diseases of the Respiratory System	2,906 (10.1%)	1,705 (6.5%)	419 (2.3%)	323 (1.9%)	1,549 (9.0%)	1,027 (7.1%)	4,093 (6.8%)	2,476 (4.5%)
Endocrine, Nutritional and Metabolic Diseases	1,194 (4.1%)	1,152 (4.4%)	601 (3.3%)	538 (3.1%)	724 (4.2%)	650 (4.5%)	1,889 (3.2%)	1,743 (3.1%)
Neoplasms	636 (2.2%)	638 (2.4%)	1,230 (6.7%)	1,167 (6.8%)	503 (2.9%)	417 (2.9%)	1,719 (2.9%)	1,648 (3.0%)
Diseases of the Genitourinary System	1,159 (4.0%)	1,049 (4.0%)	633 (3.5%)	553 (3.2%)	485 (2.8%)	383 (2.7%)	1,743 (2.9%)	1,547 (2.8%)
Diseases of the Nervous System	865 (3.0%)	757 (2.9%)	244 (1.3%)	207 (1.2%)	498 (2.9%)	397 (2.8%)	1,382 (2.3%)	1,240 (2.2%)
Diseases of the Skin and Subcutaneous Tissue	862 (3.0%)	665 (2.5%)	344 (1.9%)	323 (1.9%)	105 (0.6%)	86 (0.6%)	1,155 (1.9%)	904 (1.6%)
Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified	560 (1.9%)	422 (1.6%)	98 (0.5%)	84 (0.5%)	216 (1.3%)	140 (1.0%)	915 (1.5%)	775 (1.4%)
Factors Influencing Health Status and Contact with Health Services	54 (0.2%)	61 (0.2%)	172 (0.9%)	159 (0.9%)	53 (0.3%)	62 (0.4%)	512 (0.9%)	482 (0.9%)
Diseases of the Blood and Disorders Involving the Immune Mechanism	268 (0.9%)	251 (1.0%)	34 (0.2%)	42 (0.2%)	103 (0.6%)	108 (0.7%)	398 (0.7%)	351 (0.6%)
Congenital Malformations, Deformations and Chromosomal Abnormalities	21 (0.1%)	25 (0.1%)	129 (0.7%)	134 (0.8%)	39 (0.2%)	39 (0.3%)	142 (0.2%)	152 (0.3%)
Invalid Diagnosis	25 (0.1%)	9 (0.0%)	15 (0.1%)	8 (0.0%)	20 (0.1%)	6 (0.0%)	158 (0.3%)	132 (0.2%)
Diseases of the Eye and Adnexa or the Ear and Mastoid Process	71 (0.2%)	55 (0.2%)	32 (0.2%)	18 (0.1%)	15 (0.1%)	20 (0.1%)	104 (0.2%)	81 (0.1%)
Inpatient Total	28,902 (100.0%)	26,149 (100.0%)	18,269 (100.0%)	17,141 (100.0%)	17,269 (100.0%)	14,427 (100.0%)	59,851 (100.0%)	55,513 (100.0%)

HFDR INPATIENT – Intensive Care Unit (ICU) and Non-ICU Discharges by COVID-19 Diagnosis Status Between April and December 2019 vs 2020

ICU Use	2019 Not COVID	2020 COVID	2020 Not COVID
ICU	13,219	902	9,276
Non-ICU	31,993	727	30,073
Total	45,212	1,629	39,349

HFDR INPATIENT – Intensive Care Unit (ICU) and Non-ICU Average Length of Stay (Days) by COVID-19 Diagnosis Status Between April and December 2019 vs 2020

ICU Use	2019 Not COVID	2020 COVID	2020 Not COVID
ICU	7.4	10.3	7.6
Non-ICU	4.8	5.6	4.8
Total	5.5	8.2	5.4

HFDR INPATIENT – Intensive Care Unit (ICU) and Non-ICU Average Billed Charges by COVID-19 Diagnosis Status Between April and December 2019 vs 2020

ICU Use	2019 Not COVID	2020 COVID	2020 Not COVID
ICU	\$124,679	\$173,932	\$141,289
Non-ICU	\$50,724	\$52,142	\$57,985
Total	\$72,347	\$119,579	\$77,623

HFDR INPATIENT – Intensive Care Unit (ICU) and Non-ICU Total Billed Charges by COVID-19 Diagnosis Status Between April and December 2019 vs 2020

ICU Use	2019 Not COVID	2020 COVID	2020 Not COVID
ICU	\$1,648,125,969	\$156,886,379	\$1,310,601,180
Non-ICU	\$1,622,809,016	\$37,907,269	\$1,743,796,151
Total	\$3,270,934,984	\$194,793,648	\$3,054,397,331



OUTPATIENT EMERGENCY DEPARTMENT CHAPTER

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 - *#9 at 2.9% Respiratory signs and symptoms*
 - *#10 at 2.8% Sprains and strains, initial encounter*
 - Alaska 10 ED LCOV by Age Group

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 diagnoses into 540 categories.

Data Highlights

- Alaska hospitals reporting ED discharges to the HFDR program, during the 2020 pandemic year, billed primary payers \$1.0 billion for almost 224,000 ED visits compared with \$1.1 billion for approximately 293,000 ED visits in 2019.
- Overall, the number of ED visits increased by less than 1% in 2019 then decreased by 24% in 2020, while the billed charges increased by 12% in 2019 then decreased by 12% in 2020.
- Each of the 2020 top 10 outpatient ED CCSR categories declined from 2019.
- The top 10 Outpatient ED CCSR diagnosis categories, or the leading causes of visitation (LCOV), cover 78,418 (or 35%) of the 223,841 total ED visits in 2020.
- Regionally, the CCSR *abdominal pain and other digestive/abdomen signs and symptoms* was the LCOV in five of the seven Alaska Public Health Regions. The other two leading causes were *alcohol-related disorders* in the Northern Region and *other specified upper respiratory infections* in the Southwest Region.
- In 2020, 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).
- Three of the ten LCOVs had median charges over \$3,000 per visit. These were *nonspecific chest pain* (\$6,553), *abdominal pain and other digestive/abdomen signs and symptoms* (\$5,488), *alcohol-related disorders* (\$3,801).
- Medicaid was the most common primary payer for outpatient ED visits, covering 42% of all discharges. Medicaid was the most common primary payer for nine of the ten LCOVs, with the highest percentage being *alcohol-related disorders* at 66%.
- The LCOV during 2020 for children under age 18 was *other specified upper respiratory infections*. For adults aged 18 through 64 the LCOV was *alcohol-related disorders*, and for seniors aged 65 and over the LCOV was *nonspecific chest pain*.

HFDR EMERGENCY DEPARTMENT - 2020 Regional LCOV

All of Alaska Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	10,740	4.8%
2	Alcohol-related disorders	9,014	4.0%
3	Nonspecific chest pain	8,605	3.8%
4	Other specified upper respiratory infections	8,561	3.8%
5	Superficial injury; contusion, initial encounter	7,817	3.5%
6	Skin and subcutaneous tissue infections	7,481	3.3%
7	Musculoskeletal pain, not low back pain	6,976	3.1%
8	Open wounds to limbs, initial encounter	6,480	2.9%
9	Respiratory signs and symptoms	6,469	2.9%
10	Sprains and strains, initial encounter	6,275	2.8%

Anchorage Region Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	4,310	4.6%
2	Nonspecific chest pain	3,818	4.1%
3	Other specified upper respiratory infections	3,683	4.0%
4	Alcohol-related disorders	3,420	3.7%
5	Superficial injury; contusion, initial encounter	3,334	3.6%
6	Musculoskeletal pain, not low back pain	3,104	3.3%
7	Skin and subcutaneous tissue infections	2,959	3.2%
8	Respiratory signs and symptoms	2,884	3.1%
9	Sprains and strains, initial encounter	2,841	3.1%
10	Open wounds to limbs, initial encounter	2,472	2.7%

Gulf Coast Region Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	846	4.4%
2	Open wounds to limbs, initial encounter	802	4.2%
3	Nonspecific chest pain	716	3.7%
4	Superficial injury; contusion, initial encounter	705	3.7%
5	Sprains and strains, initial encounter	623	3.3%
6	Skin and subcutaneous tissue infections	555	2.9%
7	Musculoskeletal pain, not low back pain	545	2.8%
8	Alcohol-related disorders	457	2.4%
9	Respiratory signs and symptoms	455	2.4%
10	Urinary tract infections	411	2.1%

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Interior Region Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	1,621	6.4%
2	Alcohol-related disorders	1,295	5.1%
3	Nonspecific chest pain	1,087	4.3%
4	Respiratory signs and symptoms	881	3.5%
5	Skin and subcutaneous tissue infections	844	3.3%
6	Sprains and strains, initial encounter	827	3.3%
7	Superficial injury; contusion, initial encounter	783	3.1%
8	Open wounds to limbs, initial encounter	686	2.7%
9	Musculoskeletal pain, not low back pain	677	2.7%
10	Other specified upper respiratory infections	597	2.4%

Matanuska-Susitna Region Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	1,535	6.0%
2	Nonspecific chest pain	1,227	4.8%
3	Musculoskeletal pain, not low back pain	1,054	4.1%
4	Superficial injury; contusion, initial encounter	901	3.5%
5	Open wounds to limbs, initial encounter	857	3.3%
6	Skin and subcutaneous tissue infections	849	3.3%
7	Exposure, encounters, screening or contact with infectious disease	810	3.2%
8	Respiratory signs and symptoms	765	3.0%
9	Urinary tract infections	582	2.3%
10	Other specified upper respiratory infections	576	2.3%

Northern Region Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Alcohol-related disorders	1,408	7.9%
2	Other specified upper respiratory infections	1,239	6.9%
3	Superficial injury; contusion, initial encounter	693	3.9%
4	Skin and subcutaneous tissue infections	601	3.4%
5	Abdominal pain and other digestive/abdomen signs and symptoms	516	2.9%
6	Musculoskeletal pain, not low back pain	403	2.2%
7	Sprains and strains, initial encounter	377	2.1%
8	Urinary tract infections	376	2.1%
9	Respiratory signs and symptoms	371	2.1%
10	Open wounds to limbs, initial encounter	356	2.0%

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Southeast Region Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Abdominal pain and other digestive/abdomen signs and symptoms	975	5.0%
2	Nonspecific chest pain	885	4.6%
3	Alcohol-related disorders	874	4.5%
4	Superficial injury; contusion, initial encounter	742	3.8%
5	Open wounds to limbs, initial encounter	711	3.7%
6	Sprains and strains, initial encounter	669	3.4%
7	Musculoskeletal pain, not low back pain	513	2.6%
8	Skin and subcutaneous tissue infections	472	2.4%
9	Urinary tract infections	435	2.2%
10	Other specified upper respiratory infections	431	2.2%

Southwest Region Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Other specified upper respiratory infections	1,561	8.0%
2	Skin and subcutaneous tissue infections	1,035	5.3%
3	Alcohol-related disorders	940	4.8%
4	Abdominal pain and other digestive/abdomen signs and symptoms	766	3.9%
5	Respiratory signs and symptoms	626	3.2%
6	Musculoskeletal pain, not low back pain	556	2.9%
7	Urinary tract infections	498	2.6%
8	Superficial injury; contusion, initial encounter	462	2.4%
9	Nonspecific chest pain	404	2.1%
10	Open wounds to limbs, initial encounter	399	2.1%

2020 Emergency Department LCOV with Examples of Diagnoses

Emergency Department CCSR Rank #1: Abdominal pain and other digestive/abdomen signs and symptoms

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Unspecified abdominal pain	3,196
2	Epigastric pain	1,510
3	Right lower quadrant pain	1,150

Emergency Department CCSR Rank #2: Alcohol-related disorders

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Alcohol abuse with intoxication, unspecified	3,201
2	Alcohol dependence with withdrawal, unspecified	1,808
3	Alcohol abuse, uncomplicated	1,029

Emergency Department CCSR Rank #3: Nonspecific chest pain

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Chest pain, unspecified	4,753
2	Other chest pain	3,665
3	Precordial pain	187

Emergency Department CCSR Rank #4: Other specified upper respiratory infections

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Acute upper respiratory infection, unspecified	4,087
2	Acute pharyngitis, unspecified	2,276
3	Streptococcal pharyngitis	1,461

Emergency Department CCSR Rank #5: Superficial injury; contusion, initial encounter

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Contusion of other part of head, initial encounter	591
2	Contusion of scalp, initial encounter	387
3	Contusion of left front wall of thorax, initial encounter	276

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Emergency Department CCSR Rank #6: Skin and subcutaneous tissue infections

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Cellulitis of left lower limb	866
2	Cellulitis of right lower limb	792
3	Impetigo, unspecified	427

Emergency Department CCSR Rank #7: Musculoskeletal pain, not low back pain

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Pain in right knee	569
2	Pain in left knee	490
3	Dorsalgia, unspecified	484

Emergency Department CCSR Rank #8: Open wounds to limbs, initial encounter

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Laceration without foreign body of left index finger without damage to nail, initial encounter	475
2	Laceration without foreign body of left hand, initial encounter	406
3	Laceration without foreign body of left thumb without damage to nail, initial encounter	368

Emergency Department CCSR Rank #9: Respiratory signs and symptoms

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Cough	2,265
2	Shortness of breath	1,188
3	Epistaxis	791

Emergency Department CCSR Rank #10: Sprains and strains, initial encounter

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Strain of muscle, fascia and tendon at neck level, initial encounter	868
2	Strain of muscle, fascia and tendon of lower back, initial encounter	794
3	Sprain of unspecified ligament of left ankle, initial encounter	534

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2020 100% of Emergency Department Visits: All Emergency Department Visits

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	104,651	46.8%	\$2,706	\$465,279,997
Sex: Female	119,146	53.2%	\$2,986	\$539,650,894
Race: White	97,386	43.5%	\$3,621	\$505,716,533
Race: AI/AN	81,821	36.6%	\$2,271	\$306,411,267
Race: Asian/PI	13,337	6.0%	\$3,122	\$63,712,267
Race: Black	9,962	4.5%	\$3,206	\$45,801,706
Ethnicity: Hispanic	9,124	4.1%	\$2,952	\$41,127,487
Age Group: 00-14	29,040	13.0%	\$1,582	\$66,857,201
Age Group: 15-24	30,131	13.5%	\$2,506	\$114,289,055
Age Group: 25-34	42,016	18.8%	\$2,759	\$174,329,635
Age Group: 35-44	33,870	15.1%	\$3,082	\$155,513,311
Age Group: 45-54	27,120	12.1%	\$3,522	\$137,114,878
Age Group: 55-64	27,940	12.5%	\$3,875	\$152,183,521
Age Group: 65-74	19,688	8.8%	\$4,369	\$116,516,004
Age Group: 75+	13,996	6.3%	\$5,141	\$88,138,329
Payer: Medicare	36,921	16.5%	\$4,479	\$215,821,662
Payer: Medicaid	93,192	41.6%	\$2,532	\$374,535,343
Payer: Commercial	53,311	23.8%	\$2,976	\$245,309,746
Payer: Self Pay	19,683	8.8%	\$2,506	\$78,237,198
Payer: Other	20,733	9.3%	\$2,594	\$91,161,581
Region: Anchorage	92,737	41.4%	\$3,416	\$467,372,305
Region: Gulf Coast	19,145	8.6%	\$3,466	\$97,112,962
Region: Interior	25,308	11.3%	\$2,610	\$85,271,946
Region: Mat-Su	25,588	11.4%	\$4,240	\$149,356,690
Region: Northern	17,928	8.0%	\$1,572	\$50,623,670
Region: Southeast	19,442	8.7%	\$2,099	\$78,325,601
Region: Southwest	19,422	8.7%	\$1,845	\$56,997,174
Region: Out of State	4,094	1.8%	\$3,077	\$19,423,651
Alaska 2020	223,841	100.0%	\$2,852	\$1,005,068,26
Alaska 2019	293,003	-	\$2,409	\$1,138,494,41
Alaska 2018	291,775	-	\$2,158	\$1,020,405,22

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2020 #1 LCOV at 4.8% of Emergency Department Visits: **Abdominal pain and other digestive/abdomen signs and symptoms**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,919	36.5%	\$5,347	\$24,560,002
Sex: Female	6,819	63.5%	\$5,587	\$44,070,050
Race: White	5,253	48.9%	\$6,003	\$35,611,322
Race: AI/AN	3,558	33.1%	\$4,444	\$20,027,489
Race: Asian/PI	675	6.3%	\$6,023	\$4,743,454
Race: Black	534	5.0%	\$5,662	\$3,658,361
Ethnicity: Hispanic	506	4.7%	\$5,738	\$3,401,980
Age Group: 00-14	849	7.9%	\$2,600	\$2,913,838
Age Group: 15-24	1,755	16.3%	\$4,493	\$9,531,735
Age Group: 25-34	2,262	21.1%	\$5,244	\$13,866,698
Age Group: 35-44	1,771	16.5%	\$5,935	\$12,027,771
Age Group: 45-54	1,359	12.7%	\$6,500	\$9,923,193
Age Group: 55-64	1,384	12.9%	\$6,625	\$10,289,925
Age Group: 65-74	850	7.9%	\$6,689	\$6,181,853
Age Group: 75+	509	4.7%	\$6,790	\$3,905,686
Payer: Medicare	1,688	15.7%	\$6,539	\$12,402,089
Payer: Medicaid	4,295	40.0%	\$4,975	\$25,626,125
Payer: Commercial	3,031	28.2%	\$5,715	\$19,792,782
Payer: Self Pay	830	7.7%	\$5,249	\$5,338,369
Payer: Other	896	8.3%	\$5,548	\$5,483,900
Region: Anchorage	4,310	40.1%	\$6,300	\$32,757,715
Region: Gulf Coast	846	7.9%	\$5,046	\$5,110,530
Region: Interior	1,621	15.1%	\$4,752	\$7,731,941
Region: Mat-Su	1,535	14.3%	\$7,264	\$11,292,205
Region: Northern	516	4.8%	\$3,138	\$2,358,304
Region: Southeast	975	9.1%	\$3,833	\$4,737,056
Region: Southwest	766	7.1%	\$3,183	\$3,477,564
Region: Out of State	167	1.6%	\$6,567	\$1,154,785
Alaska 2020	10,740	100.0%	\$5,488	\$68,643,265
Alaska 2019	14,606	-	\$4,889	\$85,724,336
Alaska 2018	15,818	-	\$4,392	\$84,339,336

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2019 #2 LCOV at 4.0% of Emergency Department Visits: Alcohol-related disorders

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,999	55.5%	\$3,540	\$22,738,309
Sex: Female	4,013	44.5%	\$4,123	\$19,734,434
Race: White	1,563	17.3%	\$4,770	\$8,662,785
Race: AI/AN	6,378	70.8%	\$3,530	\$28,097,051
Race: Asian/PI	51	0.6%	\$5,782	\$339,647
Race: Black	63	0.7%	\$4,673	\$365,391
Ethnicity: Hispanic	167	1.9%	\$3,821	\$842,895
Age Group: 00-14	25	0.3%	\$2,401	\$72,647
Age Group: 15-24	724	8.0%	\$3,292	\$3,135,960
Age Group: 25-34	2,498	27.7%	\$3,931	\$11,814,786
Age Group: 35-44	2,278	25.3%	\$4,145	\$11,098,181
Age Group: 45-54	1,796	19.9%	\$3,765	\$8,417,215
Age Group: 55-64	1,219	13.5%	\$3,487	\$5,773,882
Age Group: 65-74	398	4.4%	\$2,975	\$1,671,734
Age Group: 75+	72	0.8%	\$5,567	\$485,602
Payer: Medicare	646	7.2%	\$3,184	\$2,940,510
Payer: Medicaid	5,986	66.4%	\$3,800	\$27,970,984
Payer: Commercial	753	8.4%	\$4,159	\$3,960,783
Payer: Self Pay	1,032	11.4%	\$4,644	\$5,417,259
Payer: Other	597	6.6%	\$2,393	\$2,197,654
Region: Anchorage	3,420	37.9%	\$6,063	\$22,590,576
Region: Gulf Coast	457	5.1%	\$4,534	\$2,319,109
Region: Interior	1,295	14.4%	\$2,536	\$3,565,618
Region: Mat-Su	502	5.6%	\$5,875	\$3,624,676
Region: Northern	1,408	15.6%	\$1,823	\$4,365,610
Region: Southeast	874	9.7%	\$1,644	\$2,329,226
Region: Southwest	940	10.4%	\$1,874	\$3,095,711
Region: Out of State	112	1.2%	\$4,504	\$592,732
Alaska 2020	9,014	100.0%	\$3,801	\$42,487,191
Alaska 2019	9,919	-	\$2,732	\$38,205,463
Alaska 2018	10,009	-	\$1,715	\$28,656,261

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2020 #3 LCOV at 3.8% of Emergency Department Visits: **Nonspecific chest pain**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,152	48.3%	\$6,489	\$28,468,415
Sex: Female	4,452	51.7%	\$6,614	\$31,037,899
Race: White	4,645	54.0%	\$6,707	\$33,230,206
Race: AI/AN	2,429	28.2%	\$6,014	\$15,649,360
Race: Asian/PI	546	6.3%	\$7,110	\$3,939,782
Race: Black	483	5.6%	\$7,031	\$3,595,780
Ethnicity: Hispanic	348	4.0%	\$6,965	\$2,491,077
Age Group: 00-14	142	1.7%	\$3,097	\$579,599
Age Group: 15-24	708	8.2%	\$5,207	\$3,899,276
Age Group: 25-34	1,267	14.7%	\$5,921	\$7,767,643
Age Group: 35-44	1,423	16.5%	\$6,595	\$9,999,486
Age Group: 45-54	1,520	17.7%	\$6,934	\$11,133,740
Age Group: 55-64	1,664	19.3%	\$6,980	\$12,223,774
Age Group: 65-74	1,074	12.5%	\$6,933	\$7,815,424
Age Group: 75+	807	9.4%	\$7,002	\$6,088,252
Payer: Medicare	1,993	23.2%	\$7,027	\$14,814,485
Payer: Medicaid	2,607	30.3%	\$6,212	\$17,366,479
Payer: Commercial	2,645	30.7%	\$6,659	\$18,289,204
Payer: Self Pay	607	7.1%	\$6,761	\$4,017,803
Payer: Other	753	8.8%	\$5,909	\$5,019,222
Region: Anchorage	3,818	44.4%	\$7,411	\$29,979,540
Region: Gulf Coast	716	8.3%	\$5,876	\$5,139,622
Region: Interior	1,087	12.6%	\$4,825	\$5,359,000
Region: Mat-Su	1,227	14.3%	\$6,991	\$10,214,670
Region: Northern	316	3.7%	\$3,413	\$1,433,323
Region: Southeast	885	10.3%	\$3,598	\$4,254,453
Region: Southwest	404	4.7%	\$4,772	\$2,099,063
Region: Out of State	149	1.7%	\$6,443	\$1,006,769
Alaska 2020	8,605	100.0%	\$6,553	\$59,507,193
Alaska 2019	10,944	-	\$6,206	\$71,447,874
Alaska 2018	11,250	-	\$5,658	\$67,853,929

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2020 #4 LCOV at 3.8% of Emergency Department Visits: **Other specified upper respiratory infections**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,694	43.1%	\$1,608	\$8,053,798
Sex: Female	4,866	56.8%	\$1,627	\$10,627,241
Race: White	2,159	25.2%	\$1,918	\$5,783,181
Race: AI/AN	4,113	48.0%	\$1,531	\$7,664,608
Race: Asian/PI	708	8.3%	\$1,739	\$1,692,287
Race: Black	399	4.7%	\$1,868	\$986,982
Ethnicity: Hispanic	368	4.3%	\$1,801	\$899,596
Age Group: 00-14	3,140	36.7%	\$1,531	\$5,659,465
Age Group: 15-24	1,560	18.2%	\$1,610	\$3,183,002
Age Group: 25-34	1,548	18.1%	\$1,665	\$3,581,201
Age Group: 35-44	965	11.3%	\$1,675	\$2,403,061
Age Group: 45-54	594	6.9%	\$1,804	\$1,604,589
Age Group: 55-64	438	5.1%	\$1,872	\$1,229,018
Age Group: 65-74	227	2.7%	\$1,888	\$652,381
Age Group: 75+	89	1.0%	\$3,171	\$370,222
Payer: Medicare	423	4.9%	\$2,162	\$1,366,818
Payer: Medicaid	4,313	50.4%	\$1,665	\$9,252,561
Payer: Commercial	2,180	25.5%	\$1,569	\$4,636,669
Payer: Self Pay	892	10.4%	\$1,568	\$1,789,209
Payer: Other	753	8.8%	\$1,590	\$1,637,681
Region: Anchorage	3,683	43.0%	\$1,764	\$9,302,534
Region: Gulf Coast	384	4.5%	\$1,923	\$1,031,574
Region: Interior	597	7.0%	\$1,486	\$1,163,220
Region: Mat-Su	576	6.7%	\$1,997	\$1,592,025
Region: Northern	1,239	14.5%	\$1,480	\$2,126,129
Region: Southeast	431	5.0%	\$1,114	\$694,918
Region: Southwest	1,561	18.2%	\$1,531	\$2,534,292
Region: Out of State	85	1.0%	\$2,140	\$226,560
Alaska 2020	8,561	100.0%	\$1,617	\$18,682,939
Alaska 2019	15,100	-	\$1,477	\$28,428,091
Alaska 2018	14,514	-	\$1,336	\$24,120,159

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2020 #5 LCOV at 3.5% of Emergency Department Visits: **Superficial injury, contusion, initial encounter**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,849	49.2%	\$2,009	\$13,682,544
Sex: Female	3,967	50.7%	\$2,106	\$14,319,531
Race: White	3,586	45.9%	\$2,174	\$13,956,947
Race: AI/AN	2,780	35.6%	\$1,884	\$8,888,292
Race: Asian/PI	413	5.3%	\$2,267	\$1,485,230
Race: Black	280	3.6%	\$2,228	\$1,012,564
Ethnicity: Hispanic	313	4.0%	\$2,145	\$1,162,257
Age Group: 00-14	1,449	18.5%	\$1,406	\$2,709,342
Age Group: 15-24	1,147	14.7%	\$2,022	\$3,736,562
Age Group: 25-34	1,374	17.6%	\$2,096	\$5,298,133
Age Group: 35-44	1,065	13.6%	\$2,147	\$3,794,522
Age Group: 45-54	870	11.1%	\$2,213	\$3,485,878
Age Group: 55-64	829	10.6%	\$2,498	\$3,473,813
Age Group: 65-74	592	7.6%	\$2,905	\$2,725,267
Age Group: 75+	490	6.3%	\$4,132	\$2,778,558
Payer: Medicare	1,120	14.3%	\$3,058	\$5,260,455
Payer: Medicaid	3,170	40.6%	\$1,993	\$10,740,541
Payer: Commercial	1,814	23.2%	\$1,954	\$6,278,516
Payer: Self Pay	730	9.3%	\$2,009	\$2,527,288
Payer: Other	983	12.6%	\$1,959	\$3,195,655
Region: Anchorage	3,334	42.7%	\$2,417	\$14,034,655
Region: Gulf Coast	705	9.0%	\$2,124	\$2,644,095
Region: Interior	783	10.0%	\$1,567	\$1,883,114
Region: Mat-Su	901	11.5%	\$2,193	\$3,663,217
Region: Northern	693	8.9%	\$1,383	\$1,743,898
Region: Southeast	742	9.5%	\$1,205	\$2,061,024
Region: Southwest	462	5.9%	\$1,604	\$1,293,893
Region: Out of State	187	2.4%	\$2,287	\$631,944
Alaska 2020	7,817	100.0%	\$2,055	\$28,002,455
Alaska 2019	10,846	-	\$1,864	\$33,575,189
Alaska 2018	11,201	-	\$1,726	\$30,944,617

2020 #6 LCOV at 3.3% of Emergency Department Visits: **Skin and subcutaneous tissue infections**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	4,249	56.8%	\$1,890	\$12,293,825
Sex: Female	3,231	43.2%	\$1,758	\$9,171,561
Race: White	3,215	43.0%	\$2,208	\$10,580,937
Race: AI/AN	3,081	41.2%	\$1,594	\$7,386,440
Race: Asian/PI	314	4.2%	\$2,260	\$1,012,899
Race: Black	216	2.9%	\$2,176	\$696,305
Ethnicity: Hispanic	253	3.4%	\$1,904	\$707,816
Age Group: 00-14	950	12.7%	\$1,423	\$1,583,775
Age Group: 15-24	758	10.1%	\$1,655	\$1,764,053
Age Group: 25-34	1,638	21.9%	\$1,901	\$4,952,814
Age Group: 35-44	1,487	19.9%	\$2,137	\$4,605,232
Age Group: 45-54	1,029	13.8%	\$2,142	\$3,303,631
Age Group: 55-64	857	11.5%	\$2,107	\$2,745,440
Age Group: 65-74	490	6.5%	\$2,078	\$1,523,420
Age Group: 75+	271	3.6%	\$2,475	\$987,020
Payer: Medicare	930	12.4%	\$2,232	\$3,144,500
Payer: Medicaid	3,956	52.9%	\$1,825	\$11,384,194
Payer: Commercial	1,308	17.5%	\$1,709	\$3,395,101
Payer: Self Pay	742	9.9%	\$1,806	\$2,018,437
Payer: Other	545	7.3%	\$1,673	\$1,526,298
Region: Anchorage	2,959	39.6%	\$2,363	\$9,968,574
Region: Gulf Coast	555	7.4%	\$2,231	\$1,709,884
Region: Interior	844	11.3%	\$1,665	\$1,989,529
Region: Mat-Su	849	11.3%	\$2,179	\$2,938,118
Region: Northern	601	8.0%	\$1,200	\$1,171,857
Region: Southeast	472	6.3%	\$1,413	\$1,193,915
Region: Southwest	1,035	13.8%	\$1,531	\$2,015,763
Region: Out of State	157	2.1%	\$2,178	\$456,937
Alaska 2020	7,481	100.0%	\$1,824	\$21,468,530
Alaska 2019	9,867	-	\$1,617	\$24,918,629
Alaska 2018	10,007	-	\$1,512	\$22,342,590

2020 #7 LCOV at 3.1% of Emergency Department Visits: **Musculoskeletal pain, not low back pain**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,215	46.1%	\$2,206	\$10,509,647
Sex: Female	3,760	53.9%	\$2,285	\$12,795,464
Race: White	3,024	43.3%	\$2,555	\$11,649,609
Race: AI/AN	2,621	37.6%	\$2,005	\$7,297,954
Race: Asian/PI	367	5.3%	\$2,504	\$1,304,761
Race: Black	392	5.6%	\$2,577	\$1,392,590
Ethnicity: Hispanic	301	4.3%	\$2,266	\$910,830
Age Group: 00-14	505	7.2%	\$1,996	\$1,181,691
Age Group: 15-24	782	11.2%	\$2,073	\$2,183,621
Age Group: 25-34	1,165	16.7%	\$2,138	\$3,551,564
Age Group: 35-44	1,103	15.8%	\$2,215	\$3,499,588
Age Group: 45-54	1,086	15.6%	\$2,225	\$3,572,695
Age Group: 55-64	1,105	15.8%	\$2,469	\$4,192,661
Age Group: 65-74	776	11.1%	\$2,584	\$2,904,188
Age Group: 75+	453	6.5%	\$3,602	\$2,219,103
Payer: Medicare	1,380	19.8%	\$2,742	\$5,513,826
Payer: Medicaid	2,816	40.4%	\$2,161	\$8,598,810
Payer: Commercial	1,457	20.9%	\$2,309	\$5,076,796
Payer: Self Pay	640	9.2%	\$2,074	\$1,889,295
Payer: Other	683	9.8%	\$2,174	\$2,227,177
Region: Anchorage	3,104	44.5%	\$2,517	\$11,354,771
Region: Gulf Coast	545	7.8%	\$2,407	\$1,856,794
Region: Interior	677	9.7%	\$1,705	\$1,779,733
Region: Mat-Su	1,054	15.1%	\$2,737	\$4,509,999
Region: Northern	403	5.8%	\$1,383	\$892,319
Region: Southeast	513	7.4%	\$1,495	\$1,213,103
Region: Southwest	556	8.0%	\$1,839	\$1,293,834
Region: Out of State	117	1.7%	\$2,537	\$384,952
Alaska 2020	6,976	100.0%	\$2,235	\$23,305,904
Alaska 2019	9,601	-	\$2,049	\$28,404,004
Alaska 2018	9,632	-	\$1,905	\$25,967,455

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2020 #8 LCOV at 2.9% of Emergency Department Visits: **Open wounds to limbs, initial encounter**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,981	61.4%	\$1,757	\$9,826,775
Sex: Female	2,496	38.5%	\$1,658	\$5,667,322
Race: White	3,452	53.3%	\$1,793	\$8,546,272
Race: AI/AN	1,938	29.9%	\$1,532	\$4,109,119
Race: Asian/PI	317	4.9%	\$1,958	\$857,221
Race: Black	209	3.2%	\$1,757	\$576,493
Ethnicity: Hispanic	282	4.4%	\$1,757	\$674,761
Age Group: 00-14	990	15.3%	\$1,531	\$2,069,349
Age Group: 15-24	1,218	18.8%	\$1,757	\$3,005,413
Age Group: 25-34	1,385	21.4%	\$1,718	\$3,316,925
Age Group: 35-44	1,048	16.2%	\$1,718	\$2,492,305
Age Group: 45-54	679	10.5%	\$1,728	\$1,656,196
Age Group: 55-64	590	9.1%	\$1,853	\$1,466,916
Age Group: 65-74	361	5.6%	\$1,595	\$880,179
Age Group: 75+	206	3.2%	\$1,757	\$606,814
Payer: Medicare	586	9.0%	\$1,718	\$1,558,395
Payer: Medicaid	2,252	34.8%	\$1,757	\$5,694,720
Payer: Commercial	1,901	29.3%	\$1,672	\$4,128,201
Payer: Self Pay	722	11.1%	\$1,718	\$1,754,082
Payer: Other	1,019	15.7%	\$1,736	\$2,361,850
Region: Anchorage	2,472	38.1%	\$1,941	\$6,687,229
Region: Gulf Coast	802	12.4%	\$1,865	\$1,979,655
Region: Interior	686	10.6%	\$1,512	\$1,174,467
Region: Mat-Su	857	13.2%	\$2,704	\$2,866,111
Region: Northern	356	5.5%	\$1,396	\$685,964
Region: Southeast	711	11.0%	\$1,017	\$898,800
Region: Southwest	399	6.2%	\$1,531	\$802,478
Region: Out of State	190	2.9%	\$1,734	\$394,210
Alaska 2020	6,480	100.0%	\$1,718	\$15,497,248
Alaska 2019	7,098	-	\$1,635	\$15,548,174
Alaska 2018	6,932	-	\$1,504	\$13,587,140

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2020 #9 LCOV at 2.9% of Emergency Department Visits: **Respiratory signs and symptoms**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	3,205	49.5%	\$2,622	\$13,071,071
Sex: Female	3,262	50.4%	\$2,707	\$13,546,341
Race: White	2,704	41.8%	\$3,495	\$12,656,029
Race: AI/AN	2,475	38.3%	\$2,197	\$8,676,725
Race: Asian/PI	495	7.7%	\$3,087	\$2,211,875
Race: Black	330	5.1%	\$3,326	\$1,485,512
Ethnicity: Hispanic	261	4.0%	\$2,452	\$954,518
Age Group: 00-14	937	14.5%	\$1,697	\$2,061,763
Age Group: 15-24	698	10.8%	\$2,142	\$2,291,248
Age Group: 25-34	930	14.4%	\$2,496	\$3,377,036
Age Group: 35-44	842	13.0%	\$3,141	\$3,735,046
Age Group: 45-54	771	11.9%	\$3,350	\$3,562,143
Age Group: 55-64	949	14.7%	\$3,739	\$4,591,970
Age Group: 65-74	746	11.5%	\$4,189	\$3,948,663
Age Group: 75+	596	9.2%	\$4,104	\$3,054,367
Payer: Medicare	1,412	21.8%	\$4,220	\$7,306,710
Payer: Medicaid	2,519	38.9%	\$2,336	\$9,086,482
Payer: Commercial	1,508	23.3%	\$2,711	\$6,217,132
Payer: Self Pay	452	7.0%	\$2,090	\$1,518,079
Payer: Other	578	8.9%	\$2,575	\$2,493,832
Region: Anchorage	2,884	44.6%	\$3,204	\$13,410,477
Region: Gulf Coast	455	7.0%	\$3,556	\$2,130,707
Region: Interior	881	13.6%	\$2,140	\$2,700,313
Region: Mat-Su	765	11.8%	\$3,703	\$3,959,940
Region: Northern	371	5.7%	\$1,693	\$1,035,356
Region: Southeast	410	6.3%	\$2,090	\$1,329,132
Region: Southwest	626	9.7%	\$2,153	\$1,769,887
Region: Out of State	72	1.1%	\$2,537	\$270,329
Alaska 2020	6,469	100.0%	\$2,658	\$26,622,236
Alaska 2019	7,804	-	\$2,413	\$29,696,438
Alaska 2018	7,482	-	\$2,125	\$25,957,406

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2020 #10 LCOV at 2.8% of Emergency Department Visits: **Sprains and strains, initial encounter**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	2,936	46.8%	\$2,124	\$9,242,084
Sex: Female	3,334	53.1%	\$2,158	\$10,375,666
Race: White	3,162	50.4%	\$2,191	\$10,483,378
Race: AI/AN	1,573	25.1%	\$1,968	\$4,222,934
Race: Asian/PI	479	7.6%	\$2,262	\$1,615,784
Race: Black	428	6.8%	\$2,273	\$1,433,294
Ethnicity: Hispanic	356	5.7%	\$2,124	\$1,109,953
Age Group: 00-14	581	9.3%	\$1,929	\$1,284,404
Age Group: 15-24	1,104	17.6%	\$2,056	\$3,038,275
Age Group: 25-34	1,372	21.9%	\$2,136	\$3,814,928
Age Group: 35-44	1,099	17.5%	\$2,160	\$3,621,623
Age Group: 45-54	856	13.6%	\$2,215	\$2,890,085
Age Group: 55-64	710	11.3%	\$2,253	\$2,619,491
Age Group: 65-74	358	5.7%	\$2,358	\$1,402,052
Age Group: 75+	191	3.0%	\$3,421	\$948,299
Payer: Medicare	629	10.0%	\$2,410	\$2,506,734
Payer: Medicaid	2,253	35.9%	\$2,162	\$6,823,590
Payer: Commercial	1,857	29.6%	\$2,138	\$5,860,061
Payer: Self Pay	627	10.0%	\$2,162	\$1,843,959
Payer: Other	909	14.5%	\$1,879	\$2,588,371
Region: Anchorage	2,841	45.3%	\$2,451	\$10,649,661
Region: Gulf Coast	623	9.9%	\$2,371	\$2,047,593
Region: Interior	827	13.2%	\$1,567	\$1,756,366
Region: Mat-Su	540	8.6%	\$2,266	\$1,873,640
Region: Northern	377	6.0%	\$1,427	\$696,967
Region: Southeast	669	10.7%	\$1,339	\$1,596,246
Region: Southwest	236	3.8%	\$1,839	\$514,955
Region: Out of State	152	2.4%	\$2,068	\$470,500
Alaska 2020	6,275	100.0%	\$2,144	\$19,622,715
Alaska 2019	9,103	-	\$1,977	\$24,242,927
Alaska 2018	9,761	-	\$1,822	\$23,302,203

HFDR EMERGENCY DEPARTMENT - 2020 LCOV by Age Group

Under Age 1 Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Other specified upper respiratory infections	487	10.8%
2	Acute bronchitis	478	10.6%
3	Fever	449	10.0%
4	Respiratory signs and symptoms	270	6.0%
5	Otitis media	211	4.7%
6	Influenza	193	4.3%
7	Viral infection	188	4.2%
8	Nausea and vomiting	125	2.8%
9	Pneumonia (except that caused by tuberculosis)	103	2.3%
10	Other general signs and symptoms	103	2.3%

Age 1 to 17 Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Other specified upper respiratory infections	3,009	9.9%
2	Superficial injury; contusion, initial encounter	1,650	5.4%
3	Open wounds of head and neck, initial encounter	1,561	5.1%
4	Open wounds to limbs, initial encounter	1,268	4.2%
5	Abdominal pain and other digestive/abdomen signs and symptoms	1,175	3.9%
6	Fracture of the upper limb, initial encounter	1,067	3.5%
7	Skin and subcutaneous tissue infections	1,004	3.3%
8	Otitis media	976	3.2%
9	Sprains and strains, initial encounter	879	2.9%
10	Respiratory signs and symptoms	801	2.6%

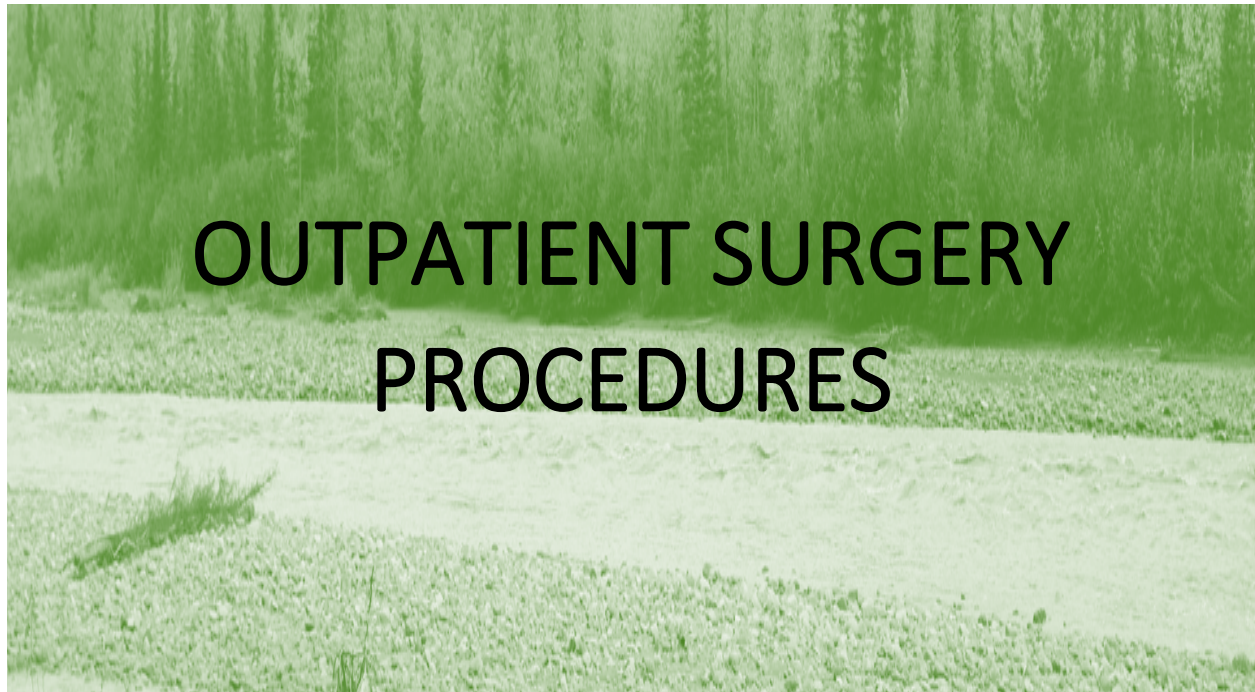
Age 18 to 64 Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Alcohol-related disorders	8,433	5.4%
2	Abdominal pain and other digestive/abdomen signs and symptoms	8,139	5.2%
3	Nonspecific chest pain	6,469	4.2%
4	Skin and subcutaneous tissue infections	5,620	3.6%
5	Musculoskeletal pain, not low back pain	5,062	3.3%
6	Superficial injury; contusion, initial encounter	4,995	3.2%
7	Sprains and strains, initial encounter	4,842	3.1%
8	Other specified upper respiratory infections	4,749	3.1%
9	Open wounds to limbs, initial encounter	4,636	3.0%
10	Respiratory signs and symptoms	4,056	2.6%

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Over Age 64 Outpatient Emergency Department

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Nonspecific chest pain	1,881	5.6%
2	Abdominal pain and other digestive/abdomen signs and symptoms	1,359	4.0%
3	Respiratory signs and symptoms	1,342	4.0%
4	Urinary tract infections	1,255	3.7%
5	Musculoskeletal pain, not low back pain	1,229	3.6%
6	Superficial injury; contusion, initial encounter	1,082	3.2%
7	Chronic obstructive pulmonary disease and bronchiectasis	795	2.4%
8	Skin and subcutaneous tissue infections	761	2.3%
9	Cardiac dysrhythmias	753	2.2%
10	Coronavirus disease – 2019 (COVID-19)	617	1.8%



OUTPATIENT SURGERY PROCEDURES CHAPTER

- Outpatient Surgery Introduction
- Outpatient Surgery Tables
 - Alaska and Regional Top 10 General Current Procedural Terminology (CPT) Code Categories
 - Alaska and Regional Top 10 Specific CPT Code Categories
 - Alaska Top 10 Specific CPT Categories with Examples of Top Procedures
 - Top 10 Specific CPT Categories of Procedures by Patient Demographics
 - All Outpatient Surgery Procedures
 - #1 at 14.0% Surgical Procedures on the Colon and Rectum
 - #2 at 10.3% Surgical Procedures on the Esophagus
 - #3 at 6.4% Surgical Repair (Closure) Procedures on the Integumentary System
 - #4 at 6.1% Endoscopy/Arthroscopy Procedures on the Musculoskeletal System
 - #5 at 5.9% Surgical Procedures on the Anterior Segment of the Eye
 - #6 at 4.7% Surgical Procedures on the Skin, Subcutaneous and Accessory Structures
 - #7 at 4.1% Surgical Procedures on the Abdomen, Peritoneum, and Omentum
 - #8 at 4.0% Surgical Procedures on the Bladder
 - #9 at 3.0% Surgical Procedures on Arteries and Veins
 - #10 at 2.7% Surgical Procedures on the Corpus Uteri
 - Alaska Top 10 Specific CPT Categories by Age Group

Outpatient Surgery Introduction

Outpatient Surgery Data Notes

Outpatient surgery in this section is defined by procedures identified with 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 [general 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, 6.7% of the surgery procedure listings (8,234) 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 \$773.9 million for over 123,000 surgery procedures in 2020.
- Overall, the number of surgery procedure listings decreased 6% in 2020, and the billed charges decreased by 4%.
- The overall 6% decrease in surgery procedures for 2020 was comprised of three distinctly different time periods. The period January-February was up 15%, the period March-May at the beginning of the pandemic was down 37%, and the June-December period was up 1%.
- The top 10 outpatient surgery general CPT groups covered 119,044 (97%) of the 123,003 procedures listed on outpatient bills in 2020, whereas the top 10 outpatient surgery more specific CPT categories include 75,372 (61%).
- *Surgical procedures on the colon and rectum* were the first leading CPT categories for four regions, second leading for two regions, and third for one region; and represented 14% 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 57%, and the category with the highest percentages of male patients was *Surgical Procedures on the Abdomen, Peritoneum, and Omentum* at 71%.

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- The top 10 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* (\$6,380), and *Surgical Procedures on the Corpus Uteri* (\$4,056).
- Commercial Insurers were the most common expected primary payers for outpatient surgery procedures, they were billed for 39% of procedures, followed by Medicare (26%), and Medicaid (16%). The median procedure charge was \$3,005 to Commercial Insurers, \$2,990 to Medicaid, and \$2,529 to Medicare.
- The leading outpatient surgical procedures during 2020 for children under age 18 were *Surgical Repair (Closure) Procedures on the Integumentary System*, and *Surgical Procedures on the Colon and Rectum* for adults aged 18 through 64 as well as seniors aged 65 and over.
- Of the top 10 categories, the two procedure categories with the largest percent decrease from 2019 to 2020 were *Surgical Procedures on the Anterior Segment of the Eye* (down 18%) and *Surgical Repair (Closure) Procedures on the Integumentary System* (down 9%).
- Of the top 10 categories, the two procedure categories with the largest percent increase from 2019 to 2020 were *Surgical Procedures on the Abdomen, Peritoneum, and Omentum* (up 11%) and *Surgical Procedures on the Bladder* (up 8%).

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HFDR OUTPATIENT SURGERY - 2020 Regional Top 10 General CPT Code Groups

All of Alaska Outpatient Surgery General Procedure Groups

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	41,766	34.0%
2	Surgical Procedures on the Musculoskeletal System	25,151	20.4%
3	Surgical Procedures on the Integumentary System	19,038	15.5%
4	Surgical Procedures on the Eye and Ocular Adnexa	8,581	7.0%
5	Surgical Procedures on the Female Genital System	6,329	5.1%
6	Surgical Procedures on the Urinary System	5,071	4.1%
7	Surgical Procedures on the Cardiovascular System	4,426	3.6%
8	Surgical Procedures on the Nervous System	3,800	3.1%
9	Surgical Procedures on the Respiratory System	3,591	2.9%
10	Surgical Procedures on the Auditory System	1,291	1.0%

Anchorage Region Outpatient Surgery General Procedure Groups

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	17,607	34.0%
2	Surgical Procedures on the Musculoskeletal System	10,112	19.5%
3	Surgical Procedures on the Integumentary System	7,306	14.1%
4	Surgical Procedures on the Eye and Ocular Adnexa	3,913	7.6%
5	Surgical Procedures on the Female Genital System	2,890	5.6%
6	Surgical Procedures on the Urinary System	2,203	4.3%
7	Surgical Procedures on the Cardiovascular System	2,031	3.9%
8	Surgical Procedures on the Respiratory System	1,797	3.5%
9	Surgical Procedures on the Nervous System	1,643	3.2%
10	Surgical Procedures on the Male Genital System	521	1.0%

Gulf Coast Region Outpatient Surgery General Procedure Groups

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	12,113	37.9%
2	Surgical Procedures on the Musculoskeletal System	6,294	19.7%
3	Surgical Procedures on the Integumentary System	4,902	15.3%
4	Surgical Procedures on the Eye and Ocular Adnexa	1,768	5.5%
5	Surgical Procedures on the Female Genital System	1,747	5.5%
6	Surgical Procedures on the Urinary System	1,627	5.1%
7	Surgical Procedures on the Cardiovascular System	1,145	3.6%
8	Surgical Procedures on the Nervous System	827	2.6%
9	Surgical Procedures on the Respiratory System	476	1.5%
10	Surgical Procedures on the Male Genital System	314	1.0%

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Interior Region Outpatient Surgery General Procedure Groups

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	2,982	34.5%
2	Surgical Procedures on the Musculoskeletal System	2,394	27.7%
3	Surgical Procedures on the Eye and Ocular Adnexa	715	8.3%
4	Surgical Procedures on the Integumentary System	572	6.6%
5	Surgical Procedures on the Cardiovascular System	396	4.6%
6	Surgical Procedures on the Respiratory System	392	4.5%
7	Surgical Procedures on the Urinary System	307	3.6%
8	Surgical Procedures on the Nervous System	291	3.4%
9	Surgical Procedures on the Auditory System	159	1.8%
10	Surgical Procedures on the Female Genital System	141	1.6%

Matanuska-Susitna Region Outpatient Surgery General Procedure Groups

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	4,560	29.8%
2	Surgical Procedures on the Musculoskeletal System	3,851	25.1%
3	Surgical Procedures on the Integumentary System	1,611	10.5%
4	Surgical Procedures on the Eye and Ocular Adnexa	1,438	9.4%
5	Surgical Procedures on the Nervous System	744	4.9%
6	Surgical Procedures on the Respiratory System	701	4.6%
7	Surgical Procedures on the Female Genital System	686	4.5%
8	Surgical Procedures on the Cardiovascular System	516	3.4%
9	Surgical Procedures on the Urinary System	467	3.0%
10	Surgical Procedures on the Auditory System	249	1.6%

Northern Region Outpatient Surgery General Procedure Groups

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Integumentary System	1,135	36.4%
2	Surgical Procedures on the Digestive System	836	26.8%
3	Surgical Procedures on the Musculoskeletal System	441	14.2%
4	Surgical Procedures on the Female Genital System	222	7.1%
5	Surgical Procedures on the Eye and Ocular Adnexa	110	3.5%
6	Surgical Procedures on the Auditory System	88	2.8%
7	Surgical Procedures on the Cardiovascular System	69	2.2%
8	Surgical Procedures on the Nervous System	56	1.8%
9	Surgical Procedures on the Urinary System	44	1.4%
10	Surgical Procedures for Maternity Care and Delivery	33	1.1%

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Southeast Region Outpatient Surgery General Procedure Groups

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Digestive System	2,454	33.9%
2	Surgical Procedures on the Integumentary System	1,805	24.9%
3	Surgical Procedures on the Musculoskeletal System	1,259	17.4%
4	Surgical Procedures on the Eye and Ocular Adnexa	429	5.9%
5	Surgical Procedures on the Female Genital System	310	4.3%
6	Surgical Procedures on the Urinary System	285	3.9%
7	Surgical Procedures on the Cardiovascular System	179	2.5%
8	Surgical Procedures on the Nervous System	146	2.0%
9	Surgical Procedures on the Respiratory System	114	1.6%
10	Surgical Procedures on the Male Genital System	66	0.9%

Southwest Region Outpatient Surgery General Procedure Groups

Rank	CPT Code Group Description	Procedures	Percent
1	Surgical Procedures on the Integumentary System	1,292	35.7%
2	Surgical Procedures on the Digestive System	894	24.7%
3	Surgical Procedures on the Musculoskeletal System	570	15.8%
4	Surgical Procedures on the Female Genital System	270	7.5%
5	Surgical Procedures on the Eye and Ocular Adnexa	150	4.1%
6	Surgical Procedures on the Auditory System	85	2.3%
7	Surgical Procedures on the Cardiovascular System	71	2.0%
8	Surgical Procedures on the Urinary System	66	1.8%
9	Surgical Procedures on the Respiratory System	64	1.8%
10	Surgical Procedures on the Nervous System	63	1.7%

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HFDR OUTPATIENT SURGERY - 2020 Regional Top 10 CPT Code Categories

All of Alaska Outpatient Surgery CPT Procedure Categories

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	17,278	14.0%
2	Surgical Procedures on the Esophagus	12,708	10.3%
3	Surgical Repair (Closure) Procedures on the Integumentary System	7,901	6.4%
4	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	7,458	6.1%
5	Surgical Procedures on the Anterior Segment of the Eye	7,293	5.9%
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	5,774	4.7%
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	5,057	4.1%
8	Surgical Procedures on the Bladder	4,859	4.0%
9	Surgical Procedures on Arteries and Veins	3,687	3.0%
10	Surgical Procedures on the Corpus Uteri	3,357	2.7%

Anchorage Region Outpatient Surgery CPT Procedure Categories

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	7,144	13.8%
2	Surgical Procedures on the Esophagus	5,459	10.5%
3	Surgical Repair (Closure) Procedures on the Integumentary System	3,374	6.5%
4	Surgical Procedures on the Anterior Segment of the Eye	3,209	6.2%
5	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	2,655	5.1%
6	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	2,155	4.2%
7	Surgical Procedures on the Bladder	2,091	4.0%
8	Surgical Procedures on Arteries and Veins	1,714	3.3%
9	Surgical Procedures on the Breast	1,656	3.2%
10	Surgical Procedures on the Corpus Uteri	1,650	3.2%

Gulf Coast Region Outpatient Surgery CPT Procedure Categories

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	5,147	16.1%
2	Surgical Procedures on the Esophagus	3,483	10.9%
3	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	2,267	7.1%
4	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	2,054	6.4%
5	Surgical Procedures on the Anterior Segment of the Eye	1,622	5.1%
6	Surgical Procedures on the Bladder	1,588	5.0%
7	Surgical Repair (Closure) Procedures on the Integumentary System	1,519	4.7%
8	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	1,514	4.7%
9	Surgical Procedures on Arteries and Veins	1,030	3.2%
10	Surgical Procedures on the Foot and Toes	981	3.1%

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Interior Region Outpatient Surgery CPT Procedure Categories

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	1,452	16.8%
2	Surgical Procedures on the Esophagus	885	10.2%
3	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	768	8.9%
4	Surgical Procedures on the Anterior Segment of the Eye	617	7.1%
5	Surgical Procedures on the Shoulder	459	5.3%
6	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	349	4.0%
7	Surgical Procedures on the Bladder	291	3.4%
8	Surgical Procedures on Arteries and Veins	272	3.1%
9	Surgical Procedures on the Breast	261	3.0%
10	Surgical Procedures on the Foot and Toes	225	2.6%

Matanuska-Susitna Region Outpatient Surgery CPT Procedure Categories

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	1,747	11.4%
2	Surgical Procedures on the Esophagus	1,496	9.8%
3	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	1,408	9.2%
4	Surgical Procedures on the Anterior Segment of the Eye	1,232	8.0%
5	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	563	3.7%
6	Surgical Repair (Closure) Procedures on the Integumentary System	526	3.4%
7	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	505	3.3%
8	Surgical Procedures on the Breast	477	3.1%
9	Surgical Procedures on the Spine and Spinal Cord	464	3.0%
10	Surgical Procedures on the Bladder	440	2.9%

Northern Region Outpatient Surgery CPT Procedure Categories

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Repair (Closure) Procedures on the Integumentary System	484	15.5%
2	Surgical Procedures on the Colon and Rectum	369	11.8%
3	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	337	10.8%
4	Surgical Procedures on the Esophagus	223	7.2%
5	Introduction or Removal Procedures on the Integumentary System	176	5.6%
6	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	103	3.3%
7	Surgical Procedures on the Nails	103	3.3%
8	Surgical Procedures on the Corpus Uteri	90	2.9%
9	Surgical Procedures on the Anterior Segment of the Eye	84	2.7%
10	Surgical Procedures on the Cervix Uteri	78	2.5%

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Southeast Region Outpatient Surgery CPT Procedure Categories

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Repair (Closure) Procedures on the Integumentary System	1,068	14.7%
2	Surgical Procedures on the Colon and Rectum	1,008	13.9%
3	Surgical Procedures on the Esophagus	771	10.6%
4	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	441	6.1%
5	Surgical Procedures on the Anterior Segment of the Eye	373	5.1%
6	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	309	4.3%
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	295	4.1%
8	Surgical Procedures on the Bladder	275	3.8%
9	Surgical Procedures on the Shoulder	179	2.5%
10	Surgical Procedures on the Corpus Uteri	168	2.3%

Southwest Region Outpatient Surgery CPT Procedure Categories

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Repair (Closure) Procedures on the Integumentary System	484	13.4%
2	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	408	11.3%
3	Surgical Procedures on the Colon and Rectum	334	9.2%
4	Surgical Procedures on the Esophagus	279	7.7%
5	Introduction or Removal Procedures on the Integumentary System	245	6.8%
6	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	118	3.3%
7	Surgical Procedures on the Nails	118	3.3%
8	Surgical Procedures on the Anterior Segment of the Eye	116	3.2%
9	Surgical Procedures on the Cervix Uteri	102	2.8%
10	Surgical Procedures on the Corpus Uteri	101	2.8%

2020 Outpatient Surgery CPT Categories with Examples of Diagnoses

Outpatient Surgery CCSR Rank #1: Surgical Procedures on the Colon and Rectum

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Encounter for screening for malignant neoplasm of colon	7,586
2	Polyp of colon	1,253
3	Benign neoplasm of transverse colon	531

Outpatient Surgery CCSR Rank #2: Surgical Procedures on the Esophagus

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Unspecified chronic gastritis without bleeding	1,828
2	Encounter for screening for malignant neoplasm of colon	841
3	Esophageal obstruction	768

Outpatient Surgery CCSR Rank #3: Surgical Repair (Closure) Procedures on the Integumentary System

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Laceration without foreign body of other part of head, initial encounter	719
2	Laceration without foreign body of scalp, initial encounter	633
3	Laceration without foreign body of left index finger without damage to nail, initial encounter	287

Outpatient Surgery CCSR Rank #4: Endoscopy/Arthroscopy Procedures on the Musculoskeletal System

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Other tear of medial meniscus, current injury, right knee, initial encounter	357
2	Strain of muscle(s) and tendon(s) of the rotator cuff of right shoulder, initial encounter	356
3	Other tear of medial meniscus, current injury, left knee, initial encounter	336

Outpatient Surgery CCSR Rank #5: Surgical Procedures on the Anterior Segment of the Eye

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Combined forms of age-related cataract, left eye	1,774
2	Combined forms of age-related cataract, right eye	1,689
3	Age-related nuclear cataract, right eye	791

Outpatient Surgery CCSR Rank #6: Surgical Procedures on the Skin, Subcutaneous and Accessory Structures

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Type 2 diabetes mellitus with foot ulcer	790
2	Cutaneous abscess of buttock	190
3	Epidermal cyst	123

Outpatient Surgery CCSR Rank #7: Surgical Procedures on the Abdomen, Peritoneum, and Omentum

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Unilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent	1,251
2	Umbilical hernia without obstruction or gangrene	458
3	Bilateral inguinal hernia, without obstruction or gangrene, not specified as recurrent	432

Outpatient Surgery CCSR Rank #8: Surgical Procedures on the Bladder

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Calculus of ureter	879
2	Calculus of kidney	717
3	Benign prostatic hyperplasia with lower urinary tract symptoms	497

Outpatient Surgery CCSR Rank #9: Surgical Procedures on Arteries and Veins

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Stenosis of other vascular prosthetic devices, implants and grafts, initial encounter	325
2	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	321
3	Encounter for adjustment and management of vascular access device	236

Outpatient Surgery CCSR Rank #10: Surgical Procedures on the Corpus Uteri

CPT Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Polyp of corpus uteri	356
2	Leiomyoma of uterus, unspecified	313
3	Endometriosis of uterus	267

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2020 100% of Outpatient Surgery Procedures: All Outpatient Surgery Procedures

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	58,934	47.9%	\$2,950	55,218	\$369,543,922
Sex: Female	64,056	52.1%	\$3,212	59,538	\$404,269,096
Race: White	80,313	65.3%	\$2,791	75,335	\$464,562,044
Race: AI/AN	15,353	12.5%	\$3,744	13,747	\$94,771,623
Race: Asian/PI	5,560	4.5%	\$2,784	5,069	\$28,507,790
Race: Black	3,092	2.5%	\$2,574	2,754	\$16,210,918
Ethnicity: Hispanic	3,898	3.2%	\$2,024	3,561	\$18,607,860
Age Group: 00-14	6,952	5.7%	\$1,837	6,560	\$33,243,339
Age Group: 15-24	7,360	6.0%	\$2,950	6,748	\$44,140,288
Age Group: 25-34	11,917	9.7%	\$3,198	10,812	\$75,867,379
Age Group: 35-44	15,009	12.2%	\$4,145	13,835	\$106,637,897
Age Group: 45-54	19,263	15.7%	\$3,891	17,896	\$136,202,596
Age Group: 55-64	27,162	22.1%	\$3,262	25,456	\$187,640,194
Age Group: 65-74	24,358	19.8%	\$2,938	23,017	\$134,681,837
Age Group: 75+	10,975	8.9%	\$2,314	10,438	\$55,490,694
Payer: Medicare	31,889	25.9%	\$2,529	30,147	\$161,901,256
Payer: Medicaid	19,690	16.0%	\$2,990	17,917	\$114,598,050
Payer: Commercial	47,808	38.9%	\$3,005	44,637	\$309,807,446
Payer: Self Pay	5,795	4.7%	\$4,085	5,266	\$39,871,230
Payer: Other	17,819	14.5%	\$5,530	16,800	\$147,745,274
Region: Anchorage	51,800	42.1%	\$3,463	46,645	\$353,038,994
Region: Gulf Coast	31,991	26.0%	\$1,383	31,466	\$123,029,990
Region: Interior	8,646	7.0%	\$5,716	8,328	\$63,404,528
Region: Mat-Su	15,326	12.5%	\$7,343	14,174	\$158,627,060
Region: Northern	3,116	2.5%	\$3,034	2,890	\$18,999,592
Region: Southeast	7,243	5.9%	\$1,808	7,084	\$30,305,914
Region: Southwest	3,618	2.9%	\$3,000	2,998	\$20,853,127
Region: Out of State	1,219	1.0%	\$1,538	1,144	\$5,342,413
Alaska 2020	123,003	100.0%	\$3,052	114,769	\$773,927,183
Alaska 2019	130,792	-	\$3,030	126,104	\$802,321,755
Alaska 2018	131,398	-	\$2,852	128,155	\$761,697,176

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2020 CPT Category #1 at 14.0% of Outpatient Surgery Procedures: **Surgical Procedures on the Colon and Rectum**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	9,113	52.7%	\$2,529	8,632	\$22,540,318
Sex: Female	8,165	47.3%	\$2,602	7,717	\$20,982,169
Race: White	12,645	73.2%	\$2,436	11,971	\$29,193,009
Race: AI/AN	1,835	10.6%	\$4,942	1,795	\$6,833,942
Race: Asian/PI	665	3.8%	\$2,950	601	\$1,633,506
Race: Black	405	2.3%	\$2,529	357	\$970,415
Ethnicity: Hispanic	734	4.2%	\$2,514	696	\$1,803,492
Age Group: 00-14	153	0.9%	\$1,606	153	\$368,454
Age Group: 15-24	317	1.8%	\$2,314	299	\$831,295
Age Group: 25-34	727	4.2%	\$2,665	681	\$1,987,010
Age Group: 35-44	1,465	8.5%	\$2,950	1,385	\$4,107,130
Age Group: 45-54	3,427	19.8%	\$2,816	3,257	\$9,409,146
Age Group: 55-64	5,592	32.4%	\$2,560	5,273	\$14,015,400
Age Group: 65-74	4,439	25.7%	\$2,514	4,222	\$10,171,137
Age Group: 75+	1,158	6.7%	\$2,514	1,079	\$2,632,917
Payer: Medicare	4,552	26.3%	\$2,314	4,315	\$10,155,295
Payer: Medicaid	1,984	11.5%	\$2,602	1,872	\$5,700,623
Payer: Commercial	8,106	46.9%	\$2,841	7,650	\$20,734,239
Payer: Self Pay	402	2.3%	\$4,942	393	\$1,594,825
Payer: Other	2,232	12.9%	\$2,665	2,117	\$5,333,577
Region: Anchorage	7,144	41.3%	\$2,950	6,443	\$19,480,898
Region: Gulf Coast	5,147	29.8%	\$728	5,106	\$8,499,043
Region: Interior	1,452	8.4%	\$1,639	1,434	\$2,799,379
Region: Mat-Su	1,747	10.1%	\$4,351	1,618	\$7,808,460
Region: Northern	369	2.1%	\$4,930	366	\$1,556,163
Region: Southeast	1,008	5.8%	\$1,808	1,005	\$2,105,650
Region: Southwest	334	1.9%	\$4,611	305	\$1,095,868
Region: Out of State	74	0.4%	\$2,314	69	\$161,297
Alaska 2020	17,278	100.0%	\$2,529	16,349	\$43,522,487
Alaska 2019	18,669	-	\$2,529	18,226	\$49,474,308
Alaska 2018	17,337	-	\$2,529	17,108	\$44,839,452

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2020 CPT Category #2 at 10.3% of Outpatient Surgery Procedures: Surgical Procedures on the Esophagus

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	5,882	46.3%	\$1,840	5,537	\$13,364,753
Sex: Female	6,826	53.7%	\$1,883	6,426	\$15,981,064
Race: White	9,234	72.7%	\$1,738	8,713	\$19,800,829
Race: AI/AN	1,380	10.9%	\$4,085	1,309	\$4,498,491
Race: Asian/PI	542	4.3%	\$2,204	503	\$1,220,197
Race: Black	335	2.6%	\$1,883	295	\$706,541
Ethnicity: Hispanic	663	5.2%	\$1,526	629	\$1,299,825
Age Group: 00-14	590	4.6%	\$946	590	\$1,175,142
Age Group: 15-24	719	5.7%	\$1,526	690	\$1,416,563
Age Group: 25-34	956	7.5%	\$2,204	881	\$2,365,416
Age Group: 35-44	1,455	11.4%	\$2,204	1,373	\$3,537,490
Age Group: 45-54	2,004	15.8%	\$2,342	1,876	\$4,977,333
Age Group: 55-64	3,155	24.8%	\$2,204	2,969	\$7,785,723
Age Group: 65-74	2,603	20.5%	\$1,793	2,439	\$5,491,604
Age Group: 75+	1,225	9.6%	\$1,598	1,144	\$2,595,021
Payer: Medicare	3,536	27.8%	\$1,614	3,314	\$7,304,453
Payer: Medicaid	2,079	16.4%	\$1,924	1,949	\$5,382,261
Payer: Commercial	5,222	41.1%	\$1,924	4,933	\$12,190,562
Payer: Self Pay	276	2.2%	\$4,085	261	\$893,202
Payer: Other	1,595	12.6%	\$2,537	1,506	\$3,575,339
Region: Anchorage	5,459	43.0%	\$2,938	4,957	\$12,669,560
Region: Gulf Coast	3,483	27.4%	\$769	3,444	\$5,263,664
Region: Interior	885	7.0%	\$2,710	871	\$2,068,574
Region: Mat-Su	1,496	11.8%	\$4,745	1,355	\$5,739,061
Region: Northern	223	1.8%	\$4,085	208	\$791,323
Region: Southeast	771	6.1%	\$1,808	763	\$1,623,483
Region: Southwest	279	2.2%	\$4,085	260	\$996,063
Region: Out of State	110	0.9%	\$1,526	103	\$186,524
Alaska 2020	12,708	100.0%	\$1,883	11,963	\$29,345,816
Alaska 2019	12,386	-	\$1,793	11,995	\$28,395,229
Alaska 2018	12,624	-	\$1,671	12,311	\$28,286,712

2020 CPT Category #3 at 6.4% of Outpatient Surgery Procedures: Surgical Repair (Closure) Procedures on the Integumentary System

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	4,927	62.4%	\$529	4,253	\$5,937,492
Sex: Female	2,969	37.6%	\$610	2,545	\$6,486,925
Race: White	4,337	54.9%	\$529	3,775	\$5,696,139
Race: AI/AN	1,819	23.0%	\$489	1,590	\$1,995,511
Race: Asian/PI	466	5.9%	\$529	372	\$555,022
Race: Black	190	2.4%	\$529	124	\$117,024
Ethnicity: Hispanic	312	3.9%	\$529	255	\$290,337
Age Group: 00-14	1,550	19.6%	\$529	1,356	\$1,407,508
Age Group: 15-24	997	12.6%	\$529	830	\$1,026,766
Age Group: 25-34	1,260	15.9%	\$529	1,042	\$1,661,574
Age Group: 35-44	1,015	12.8%	\$529	865	\$1,908,260
Age Group: 45-54	845	10.7%	\$610	733	\$2,306,915
Age Group: 55-64	947	12.0%	\$630	813	\$1,808,540
Age Group: 65-74	788	10.0%	\$624	710	\$1,501,712
Age Group: 75+	494	6.3%	\$529	449	\$803,141
Payer: Medicare	1,283	16.2%	\$595	1,156	\$2,076,336
Payer: Medicaid	2,073	26.2%	\$529	1,713	\$2,245,873
Payer: Commercial	2,485	31.5%	\$529	2,158	\$3,468,732
Payer: Self Pay	1,037	13.1%	\$624	919	\$3,065,121
Payer: Other	1,023	12.9%	\$551	857	\$1,571,323
Region: Anchorage	3,374	42.7%	\$635	2,557	\$5,673,116
Region: Gulf Coast	1,519	19.2%	\$510	1,496	\$1,698,045
Region: Interior	186	2.4%	\$626	175	\$477,080
Region: Mat-Su	526	6.7%	\$2,611	463	\$2,559,708
Region: Northern	484	6.1%	\$1,043	470	\$723,011
Region: Southeast	1,068	13.5%	\$315	1,062	\$651,318
Region: Southwest	484	6.1%	\$574	349	\$437,505
Region: Out of State	248	3.1%	\$529	220	\$201,088
Alaska 2020	7,901	100.0%	\$529	6,803	\$12,427,384
Alaska 2019	8,650	-	\$608	8,167	\$13,692,382
Alaska 2018	9,315	-	\$500	9,026	\$13,550,766

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2020 CPT Category #4 at 6.1% of Outpatient Surgery Procedures:
Endoscopy/Arthroscopy Procedures on the Musculoskeletal System

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,696	49.6%	\$12,955	3,416	\$42,133,178
Sex: Female	3,762	50.4%	\$12,955	3,457	\$41,375,142
Race: White	4,628	62.1%	\$11,300	4,265	\$44,932,128
Race: AI/AN	561	7.5%	\$14,762	414	\$6,797,079
Race: Asian/PI	163	2.2%	\$12,955	152	\$1,896,451
Race: Black	92	1.2%	\$13,556	74	\$1,053,690
Ethnicity: Hispanic	186	2.5%	\$10,055	164	\$1,602,840
Age Group: 00-14	56	0.8%	\$13,704	50	\$776,188
Age Group: 15-24	641	8.6%	\$13,539	562	\$7,756,312
Age Group: 25-34	765	10.3%	\$14,231	663	\$9,595,292
Age Group: 35-44	1,265	17.0%	\$13,176	1,157	\$14,924,886
Age Group: 45-54	1,668	22.4%	\$12,955	1,547	\$18,694,690
Age Group: 55-64	1,896	25.4%	\$12,752	1,798	\$21,052,020
Age Group: 65-74	954	12.8%	\$9,477	891	\$8,948,984
Age Group: 75+	213	2.9%	\$8,598	205	\$1,759,948
Payer: Medicare	960	12.9%	\$9,056	908	\$8,221,937
Payer: Medicaid	932	12.5%	\$11,989	800	\$10,063,473
Payer: Commercial	2,894	38.8%	\$13,176	2,652	\$32,800,356
Payer: Self Pay	260	3.5%	\$11,989	214	\$2,842,489
Payer: Other	2,412	32.3%	\$13,176	2,299	\$29,580,066
Region: Anchorage	2,655	35.6%	\$14,231	2,380	\$34,800,868
Region: Gulf Coast	2,054	27.5%	\$5,302	2,010	\$13,811,434
Region: Interior	768	10.3%	\$9,000	733	\$7,327,795
Region: Mat-Su	1,408	18.9%	\$17,969	1,246	\$21,410,800
Region: Northern	103	1.4%	\$16,713	79	\$1,447,334
Region: Southeast	309	4.1%	\$5,967	291	\$2,402,156
Region: Southwest	118	1.6%	\$16,135	96	\$1,715,281
Region: Out of State	35	0.5%	\$14,622	30	\$424,949
Alaska 2020	7,458	100.0%	\$12,955	6,873	\$83,508,320
Alaska 2019	7,527	-	\$12,548	7,170	\$82,490,468
Alaska 2018	7,536	-	\$11,638	7,338	\$77,577,347

2020 CPT Category #5 at 5.9% of Outpatient Surgery Procedures: Surgical Procedures on the Anterior Segment of the Eye

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,155	43.3%	\$3,760	3,139	\$13,100,834
Sex: Female	4,137	56.7%	\$3,463	4,112	\$16,437,206
Race: White	3,829	52.5%	\$3,259	3,807	\$12,044,262
Race: AI/AN	531	7.3%	\$7,311	528	\$3,157,631
Race: Asian/PI	345	4.7%	\$3,259	345	\$1,185,748
Race: Black	125	1.7%	\$3,259	124	\$415,993
Ethnicity: Hispanic	72	1.0%	\$3,368	72	\$269,327
Age Group: 00-14	15	0.2%	\$5,881	15	\$80,648
Age Group: 15-24	12	0.2%	\$5,425	11	\$62,370
Age Group: 25-34	37	0.5%	\$5,498	37	\$213,935
Age Group: 35-44	99	1.4%	\$3,912	98	\$508,709
Age Group: 45-54	389	5.3%	\$3,912	377	\$1,894,060
Age Group: 55-64	1,585	21.7%	\$3,912	1,572	\$7,582,010
Age Group: 65-74	3,370	46.2%	\$3,463	3,358	\$12,863,668
Age Group: 75+	1,786	24.5%	\$3,463	1,784	\$6,334,059
Payer: Medicare	4,326	59.3%	\$3,463	4,313	\$15,169,553
Payer: Medicaid	319	4.4%	\$5,875	317	\$1,688,014
Payer: Commercial	1,821	25.0%	\$3,912	1,799	\$8,217,303
Payer: Self Pay	116	1.6%	\$7,311	115	\$747,227
Payer: Other	711	9.7%	\$4,252	708	\$3,717,361
Region: Anchorage	3,209	44.0%	\$3,463	3,180	\$12,486,626
Region: Gulf Coast	1,622	22.2%	\$1,629	1,622	\$3,949,232
Region: Interior	617	8.5%	\$5,716	615	\$3,476,671
Region: Mat-Su	1,232	16.9%	\$6,978	1,223	\$7,386,612
Region: Northern	84	1.2%	\$6,200	84	\$536,097
Region: Southeast	373	5.1%	\$1,084	373	\$972,775
Region: Southwest	116	1.6%	\$3,912	115	\$592,752
Region: Out of State	40	0.5%	\$3,361	40	\$138,693
Alaska 2020	7,293	100.0%	\$3,586	7,252	\$29,539,458
Alaska 2019	8,887	-	\$3,259	8,868	\$35,548,617
Alaska 2018	9,307	-	\$3,259	9,281	\$35,687,020

2020 CPT Category #6 at 4.7% of Outpatient Surgery Procedures: Surgical Procedures on the Skin, Subcutaneous and Accessory Structures

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,433	59.5%	\$644	3,147	\$5,981,665
Sex: Female	2,341	40.5%	\$903	2,096	\$4,370,855
Race: White	3,603	62.4%	\$644	3,379	\$5,734,743
Race: AI/AN	1,251	21.7%	\$892	1,067	\$2,771,265
Race: Asian/PI	239	4.1%	\$957	198	\$394,975
Race: Black	131	2.3%	\$957	92	\$188,627
Ethnicity: Hispanic	180	3.1%	\$614	153	\$223,257
Age Group: 00-14	372	6.4%	\$914	338	\$762,005
Age Group: 15-24	420	7.3%	\$957	361	\$849,293
Age Group: 25-34	733	12.7%	\$957	631	\$1,422,857
Age Group: 35-44	728	12.6%	\$957	604	\$1,449,592
Age Group: 45-54	680	11.8%	\$943	595	\$1,525,264
Age Group: 55-64	911	15.8%	\$913	840	\$1,867,452
Age Group: 65-74	931	16.1%	\$644	886	\$1,495,984
Age Group: 75+	999	17.3%	\$614	988	\$980,072
Payer: Medicare	2,034	35.2%	\$614	1,971	\$2,369,886
Payer: Medicaid	1,374	23.8%	\$794	1,154	\$2,439,818
Payer: Commercial	1,340	23.2%	\$980	1,221	\$2,957,213
Payer: Self Pay	426	7.4%	\$1,396	373	\$1,017,863
Payer: Other	600	10.4%	\$943	524	\$1,567,738
Region: Anchorage	1,631	28.2%	\$1,292	1,291	\$3,723,959
Region: Gulf Coast	2,267	39.3%	\$614	2,254	\$2,452,089
Region: Interior	90	1.6%	\$2,145	82	\$230,432
Region: Mat-Su	505	8.7%	\$1,148	471	\$1,893,307
Region: Northern	337	5.8%	\$1,174	326	\$750,171
Region: Southeast	441	7.6%	\$393	439	\$648,357
Region: Southwest	408	7.1%	\$316	291	\$517,546
Region: Out of State	90	1.6%	\$581	86	\$128,915
Alaska 2020	5,774	100.0%	\$819	5,243	\$10,352,520
Alaska 2019	6,011	-	\$798	5,640	\$10,576,152
Alaska 2018	6,515	-	\$614	6,176	\$10,279,615

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2020 CPT Category #7 at 4.1% of Outpatient Surgery Procedures: **Surgical Procedures on the Abdomen, Peritoneum, and Omentum**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	3,593	71.1%	\$3,498	3,363	\$26,443,201
Sex: Female	1,464	28.9%	\$3,081	1,336	\$9,259,406
Race: White	3,759	74.3%	\$3,185	3,515	\$25,541,474
Race: AI/AN	427	8.4%	\$3,899	401	\$3,376,557
Race: Asian/PI	202	4.0%	\$2,577	177	\$800,250
Race: Black	144	2.8%	\$2,420	134	\$751,789
Ethnicity: Hispanic	132	2.6%	\$2,577	110	\$684,743
Age Group: 00-14	270	5.3%	\$2,883	266	\$1,540,155
Age Group: 15-24	126	2.5%	\$8,115	119	\$1,197,380
Age Group: 25-34	427	8.4%	\$5,236	387	\$3,409,484
Age Group: 35-44	643	12.7%	\$3,899	573	\$5,023,726
Age Group: 45-54	882	17.4%	\$3,344	825	\$6,961,195
Age Group: 55-64	1,176	23.3%	\$3,092	1,091	\$8,088,294
Age Group: 65-74	1,000	19.8%	\$3,189	934	\$6,446,405
Age Group: 75+	533	10.5%	\$2,605	504	\$3,035,968
Payer: Medicare	1,457	28.8%	\$2,618	1,362	\$7,853,183
Payer: Medicaid	816	16.1%	\$3,344	760	\$5,540,356
Payer: Commercial	1,973	39.0%	\$3,740	1,829	\$16,347,511
Payer: Self Pay	201	4.0%	\$3,584	180	\$1,313,159
Payer: Other	610	12.1%	\$4,846	568	\$4,648,398
Region: Anchorage	2,155	42.6%	\$3,044	1,908	\$15,989,921
Region: Gulf Coast	1,514	29.9%	\$2,831	1,485	\$6,965,036
Region: Interior	349	6.9%	\$10,145	337	\$2,903,010
Region: Mat-Su	563	11.1%	\$7,788	522	\$6,649,616
Region: Northern	63	1.2%	\$10,092	54	\$592,498
Region: Southeast	295	5.8%	\$3,205	288	\$1,540,094
Region: Southwest	76	1.5%	\$8,829	66	\$655,911
Region: Out of State	40	0.8%	\$5,689	38	\$396,375
Alaska 2020	5,057	100.0%	\$3,315	4,699	\$35,702,607
Alaska 2019	4,572	-	\$3,505	4,371	\$33,681,252
Alaska 2018	5,113	-	\$2,146	5,035	\$30,681,973

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2020 CPT Category #8 at 4.0% of Outpatient Surgery Procedures: **Surgical Procedures on the Bladder**

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	2,887	59.4%	\$2,680	2,796	\$16,950,481
Sex: Female	1,972	40.6%	\$2,680	1,903	\$11,716,948
Race: White	3,663	75.4%	\$2,013	3,554	\$18,172,158
Race: AI/AN	270	5.6%	\$14,328	240	\$3,249,026
Race: Asian/PI	264	5.4%	\$2,003	256	\$1,204,735
Race: Black	197	4.1%	\$1,960	195	\$604,171
Ethnicity: Hispanic	115	2.4%	\$1,824	109	\$513,784
Age Group: 00-14	90	1.9%	\$1,733	90	\$464,669
Age Group: 15-24	136	2.8%	\$3,260	127	\$772,739
Age Group: 25-34	224	4.6%	\$4,078	212	\$1,779,625
Age Group: 35-44	454	9.3%	\$3,712	427	\$3,229,621
Age Group: 45-54	589	12.1%	\$2,878	573	\$3,692,487
Age Group: 55-64	1,057	21.8%	\$3,216	1,021	\$6,746,948
Age Group: 65-74	1,361	28.0%	\$2,445	1,332	\$7,772,446
Age Group: 75+	948	19.5%	\$1,960	917	\$4,208,896
Payer: Medicare	2,055	42.3%	\$2,024	2,003	\$10,175,647
Payer: Medicaid	582	12.0%	\$3,907	560	\$4,049,830
Payer: Commercial	1,570	32.3%	\$2,878	1,510	\$9,912,481
Payer: Self Pay	147	3.0%	\$3,304	133	\$970,681
Payer: Other	505	10.4%	\$3,917	493	\$3,558,790
Region: Anchorage	2,091	43.0%	\$2,024	1,994	\$10,819,104
Region: Gulf Coast	1,588	32.7%	\$1,916	1,578	\$5,475,819
Region: Interior	291	6.0%	\$11,985	286	\$3,613,728
Region: Mat-Su	440	9.1%	\$14,373	410	\$5,881,174
Region: Northern	41	0.8%	\$10,064	36	\$439,917
Region: Southeast	275	5.7%	\$2,773	268	\$1,393,315
Region: Southwest	61	1.3%	\$14,328	57	\$788,201
Region: Out of State	71	1.5%	\$1,807	69	\$253,294
Alaska 2020	4,859	100.0%	\$2,680	4,699	\$28,667,429
Alaska 2019	4,512	-	\$2,878	4,466	\$27,568,189
Alaska 2018	4,410	-	\$1,980	4,368	\$21,801,345

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2020 CPT Category #9 at 3.0% of Outpatient Surgery Procedures: Surgical Procedures on Arteries and Veins

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Male	1,889	51.2%	\$6,380	1,738	\$15,683,798
Sex: Female	1,798	48.8%	\$6,535	1,652	\$14,006,810
Race: White	2,225	60.3%	\$5,612	2,008	\$15,638,767
Race: AI/AN	374	10.1%	\$8,052	357	\$3,551,317
Race: Asian/PI	539	14.6%	\$8,967	517	\$5,138,918
Race: Black	283	7.7%	\$7,109	267	\$2,856,443
Ethnicity: Hispanic	86	2.3%	\$11,478	77	\$1,006,987
Age Group: 00-14	79	2.1%	\$1,451	78	\$196,658
Age Group: 15-24	70	1.9%	\$5,875	66	\$479,474
Age Group: 25-34	153	4.1%	\$6,535	134	\$1,122,386
Age Group: 35-44	259	7.0%	\$6,410	246	\$1,831,442
Age Group: 45-54	524	14.2%	\$6,535	481	\$4,156,775
Age Group: 55-64	1,020	27.7%	\$6,535	946	\$8,138,524
Age Group: 65-74	983	26.7%	\$6,366	893	\$8,017,044
Age Group: 75+	599	16.2%	\$6,699	546	\$5,748,306
Payer: Medicare	1,801	48.8%	\$6,699	1,666	\$16,553,721
Payer: Medicaid	496	13.5%	\$5,915	467	\$3,516,170
Payer: Commercial	974	26.4%	\$6,374	882	\$6,672,696
Payer: Self Pay	71	1.9%	\$8,967	65	\$623,093
Payer: Other	345	9.4%	\$4,200	310	\$2,324,928
Region: Anchorage	1,714	46.5%	\$8,967	1,545	\$15,604,332
Region: Gulf Coast	1,030	27.9%	\$1,487	995	\$4,902,610
Region: Interior	272	7.4%	\$6,415	249	\$2,812,360
Region: Mat-Su	404	11.0%	\$10,931	346	\$3,857,404
Region: Northern	46	1.2%	\$9,155	42	\$437,222
Region: Southeast	150	4.1%	\$7,395	143	\$1,376,669
Region: Southwest	55	1.5%	\$9,717	54	\$594,636
Region: Out of State	16	0.4%	\$4,113	16	\$105,373
Alaska 2020	3,687	100.0%	\$6,380	3,390	\$29,690,608
Alaska 2019	3,726	-	\$5,614	3,636	\$31,631,910
Alaska 2018	3,842	-	\$5,152	3,789	\$32,498,063

2020 CPT Category #10 at 2.7% of Outpatient Surgery Procedures: Surgical Procedures on the Corpus Uteri

Characteristic	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex: Female	3,356	100.0%	\$4,053	3,100	\$26,601,831
Race: White	2,421	72.1%	\$3,936	2,278	\$19,347,758
Race: AI/AN	366	10.9%	\$1,384	312	\$2,376,944
Race: Asian/PI	148	4.4%	\$6,393	131	\$1,193,491
Race: Black	137	4.1%	\$3,760	128	\$1,058,062
Ethnicity: Hispanic	166	4.9%	\$4,735	153	\$1,465,423
Age Group: 15-24	49	1.5%	\$5,123	42	\$315,713
Age Group: 25-34	456	13.6%	\$4,968	415	\$3,490,864
Age Group: 35-44	1,006	30.0%	\$4,422	942	\$8,863,588
Age Group: 45-54	950	28.3%	\$4,197	894	\$8,443,867
Age Group: 55-64	493	14.7%	\$3,252	444	\$3,271,455
Age Group: 65-74	338	10.1%	\$1,965	310	\$1,868,042
Age Group: 75+	65	1.9%	\$2,419	54	\$373,350
Payer: Medicare	423	12.6%	\$2,134	381	\$2,399,966
Payer: Medicaid	577	17.2%	\$4,642	542	\$4,876,024
Payer: Commercial	2,103	62.6%	\$4,255	1,960	\$17,554,016
Payer: Self Pay	110	3.3%	\$878	94	\$573,501
Payer: Other	144	4.3%	\$5,667	124	\$1,223,371
Region: Anchorage	1,650	49.2%	\$4,303	1,504	\$14,055,041
Region: Gulf Coast	894	26.6%	\$2,415	869	\$5,047,364
Region: Interior	39	1.2%	\$5,975	30	\$176,218
Region: Mat-Su	387	11.5%	\$11,471	362	\$5,348,919
Region: Northern	90	2.7%	\$1,518	77	\$448,013
Region: Southeast	168	5.0%	\$3,405	159	\$762,232
Region: Southwest	101	3.0%	\$967	75	\$561,372
Region: Out of State	27	0.8%	\$5,037	24	\$200,670
Alaska 2020	3,357	100.0%	\$4,056	3,101	\$26,626,878
Alaska 2019	3,455	-	\$3,969	3,283	\$27,205,041
Alaska 2018	3,709	-	\$2,520	3,643	\$25,785,526

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HFDR OUTPATIENT SURGERY PROCEDURES - 2020 Top 10 CPT Categories by Age Group

Under Age 1 Outpatient Surgery Procedures

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Penis	193	34.8%
2	Surgical Procedures on the Middle Ear	70	12.6%
3	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	62	11.2%
4	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	47	8.5%
5	Surgical Repair (Closure) Procedures on the Integumentary System	36	6.5%
6	Surgical Procedures on the Bladder	28	5.1%
7	Surgical Procedures on the Esophagus	16	2.9%
8	Surgical Procedures on the Leg (Tibia and Fibula) and Ankle Joint	15	2.7%
9	Surgical Procedures on the Ocular Adnexa	12	2.2%
10	Surgical Procedures on the Lips	11	2.0%

Age 1 to 17 Outpatient Surgery Procedures

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Repair (Closure) Procedures on the Integumentary System	1,775	20.6%
2	Surgical Procedures on the Pharynx, Adenoids, and Tonsils	859	10.0%
3	Surgical Procedures on the Esophagus	842	9.8%
4	Surgical Procedures on the Middle Ear	639	7.4%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	428	5.0%
6	Surgical Procedures on the Appendix	308	3.6%
7	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	271	3.2%
8	Surgical Procedures on the Colon and Rectum	243	2.8%
9	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	239	2.8%
10	Surgical Procedures on the Penis	231	2.7%

Age 18 to 64 Outpatient Surgery Procedures

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	11,433	14.6%
2	Surgical Procedures on the Esophagus	8,021	10.2%
3	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	6,020	7.7%
4	Surgical Repair (Closure) Procedures on the Integumentary System	4,803	6.1%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	3,369	4.3%
6	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	3,223	4.1%
7	Surgical Procedures on the Corpus Uteri	2,953	3.8%
8	Surgical Procedures on the Bladder	2,423	3.1%
9	Surgical Procedures on the Breast	2,348	3.0%
10	Surgical Procedures on the Anterior Segment of the Eye	2,122	2.7%

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Over Age 64 Outpatient Surgery Procedures

Rank	CPT Code Category Description	Procedures	Percent
1	Surgical Procedures on the Colon and Rectum	5,597	15.8%
2	Surgical Procedures on the Anterior Segment of the Eye	5,156	14.6%
3	Surgical Procedures on the Esophagus	3,828	10.8%
4	Surgical Procedures on the Bladder	2,309	6.5%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	1,930	5.5%
6	Surgical Procedures on Arteries and Veins	1,582	4.5%
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	1,533	4.3%
8	Surgical Repair (Closure) Procedures on the Integumentary System	1,282	3.6%
9	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	1,167	3.3%
10	Surgical Procedures on the Breast	897	2.5%



OUTPATIENT NON-EMERGENCY DEPARTMENT CHAPTER

- Outpatient non-Emergency Department Introduction
- Outpatient non-Emergency Department Tables
 - Alaska and Regional Top 10 ICD-10-CM Categories of Principal Diagnoses
 - Alaska and Regional Top 10 CCSR Diagnosis Categories
 - Alaska Top 10 CCSR Categories with Examples of Top ICD-10-CM Principal Diagnoses
 - Visits by Patient Demographics

Outpatient Non-Emergency Department Introduction

Diagnosis Aggregation

The visits for this chapter are numerous (543,219) 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 35,615 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 453,219 for outpatient non-ED/non-lab discharges in this chapter are a combination of the outpatient other count of 453,247 and the outpatient surgery count of 89,972 from the overview table on page 9.

The first table in this section categorizes each visit based on 23 ICD-10-CM groupings using the ICD-10-CM first listed 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 Clinical Classification Software (CCSR) categories that aggregates diagnoses into 540 categories, and displays the top 10.

Data Highlights

- Alaska facilities billed \$2.5 billion for roughly 453,000 outpatient visits that were not emergency department visits and not exclusively a lab or radiology visit (non-ED/non-lab) in 2020. Both were decreases from the 2019 billed amount of \$2.6 billion and almost 665,000 visits.
- The top 10 outpatient non-ED/non-lab ICD-10-CM Categories cover 407,302(75%) of the 543,219 Alaska non-ED/non-lab visits in 2020.
- The top 10 outpatient non-ED/non-Lab CCSR Diagnosis Categories cover 154,204 (28%) of the 543,219 Alaska non-ED/non-lab visits in 2020.
- The number one CCSR at 7.4% of this chapter's 2020 visits was *exposure, encounters, screening or contact with infectious disease* which was not in the top ten for 2019.
- The top three specific ICD-10-CM principal diagnoses in this CCSR are: *encounter for screening for other viral diseases, contact with and (suspected) exposure to other viral communicable diseases, and encounter for immunization.*
- The median charge for outpatient non-ED/non-Lab visits was \$618 and 58% of visits were from females.

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HFDR OUTPATIENT NON-ED/NON-LAB - 2020 Regional Top 10 ICD-10-CM Diagnosis Code Ranges

All of Alaska Outpatient Non-ED/Non-Lab ICD-10-CM Code Ranges

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	66,533	12.25%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	65,187	12.00%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	61,993	11.41%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	50,634	9.32%
5	S00-T88 Injury, poisoning, and certain other consequences of external causes	31,507	5.80%
6	K00-K95 Diseases of the digestive system	29,444	5.42%
7	I00-I99 Diseases of the circulatory system	29,348	5.40%
8	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	25,947	4.78%
9	C00-D49 Neoplasms	24,256	4.47%
10	J00-J99 Diseases of the respiratory system	22,453	4.13%

Anchorage Region Outpatient Non-ED/Non-Lab ICD-10-CM Code Ranges

Rank	ICD-10-CM Range Description	Discharges	Percent
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	25,816	13.11%
2	Z00-Z13 Persons encountering health services for examinations	22,404	11.38%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	22,187	11.27%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	18,935	9.62%
5	K00-K95 Diseases of the digestive system	11,007	5.59%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	10,961	5.57%
7	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	9,719	4.94%
8	C00-D49 Neoplasms	9,260	4.70%
9	N00-N99 Diseases of the genitourinary system	8,660	4.40%
10	L00-L99 Diseases of the skin and subcutaneous tissue	8,431	4.28%

Gulf Coast Region Outpatient Non-ED/Non-Lab ICD-10-CM Code Ranges

Rank	ICD-10-CM Range Description	Discharges	Percent
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	11,830	14.24%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	8,472	10.20%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	7,358	8.86%
4	Z00-Z13 Persons encountering health services for examinations	6,450	7.76%
5	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	5,391	6.49%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	5,285	6.36%
7	G00-G99 Diseases of the nervous system	4,610	5.55%
8	K00-K95 Diseases of the digestive system	4,595	5.53%
9	C00-D49 Neoplasms	4,504	5.42%
10	I00-I99 Diseases of the circulatory system	4,185	5.04%

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Interior Region Outpatient Non-ED/Non-Lab ICD-10-CM Code Ranges

Rank	ICD-10-CM Range Description	Discharges	Percent
1	I00-I99 Diseases of the circulatory system	6,977	18.33%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	4,626	12.15%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	4,207	11.05%
4	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	3,656	9.60%
5	Z00-Z13 Persons encountering health services for examinations	2,770	7.28%
6	K00-K95 Diseases of the digestive system	2,746	7.21%
7	C00-D49 Neoplasms	2,664	7.00%
8	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,413	6.34%
9	G00-G99 Diseases of the nervous system	1,284	3.37%
10	N00-N99 Diseases of the genitourinary system	1,268	3.33%

Matanuska-Susitna Region Outpatient Non-ED/Non-Lab ICD-10-CM Code Ranges

Rank	ICD-10-CM Range Description	Discharges	Percent
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	4,525	13.52%
2	K00-K95 Diseases of the digestive system	3,712	11.09%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	2,795	8.35%
4	Z00-Z13 Persons encountering health services for examinations	2,621	7.83%
5	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,568	7.68%
6	C00-D49 Neoplasms	2,363	7.06%
7	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	2,205	6.59%
8	I00-I99 Diseases of the circulatory system	1,740	5.20%
9	N00-N99 Diseases of the genitourinary system	1,673	5.00%
10	H00-H59 Diseases of the eye and adnexa	1,544	4.61%

Northern Region Outpatient Non-ED/Non-Lab ICD-10-CM Code Ranges

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	18,879	25.28%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	13,797	18.48%
3	M00-M99 Diseases of the musculoskeletal system and connective tissue	5,101	6.83%
4	J00-J99 Diseases of the respiratory system	4,890	6.55%
5	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	4,689	6.28%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	3,436	4.60%
7	E00-E89 Endocrine, nutritional and metabolic diseases	2,817	3.77%
8	O00-O9A Pregnancy, childbirth, and puerperium	2,574	3.45%
9	I00-I99 Diseases of the circulatory system	2,474	3.31%
10	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	2,318	3.10%

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Southeast Region Outpatient Non-ED/Non-Lab ICD-10-CM Code Ranges

Rank	ICD-10-CM Range Description	Discharges	Percent
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	7,472	13.48%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	6,198	11.18%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	5,443	9.82%
4	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	5,005	9.03%
5	Z00-Z13 Persons encountering health services for examinations	4,946	8.92%
6	I00-I99 Diseases of the circulatory system	3,705	6.68%
7	K00-K95 Diseases of the digestive system	2,945	5.31%
8	E00-E89 Endocrine, nutritional and metabolic diseases	2,801	5.05%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,739	4.94%
10	C00-D49 Neoplasms	2,612	4.71%

Southwest Region Outpatient Non-ED/Non-Lab ICD-10-CM Code Ranges

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	7,404	12.84%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	6,713	11.64%
3	O00-O9A Pregnancy, childbirth, and puerperium	5,924	10.27%
4	M00-M99 Diseases of the musculoskeletal system and connective tissue	5,493	9.53%
5	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	5,051	8.76%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	3,763	6.53%
7	J00-J99 Diseases of the respiratory system	3,704	6.42%
8	I00-I99 Diseases of the circulatory system	2,827	4.90%
9	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	2,672	4.63%
10	N00-N99 Diseases of the genitourinary system	2,350	4.08%

HFDR OUTPATIENT NON-ED/NON-LAB - 2020 Regional Top 10 CCSR Categories

All of Alaska Outpatient Non-ED/CCSR Categories

Rank	CCSR Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	39,906	7.4%
2	Medical examination/evaluation	27,767	5.1%
3	Musculoskeletal pain, not low back pain	17,070	3.1%
4	Other aftercare encounter	12,642	2.3%
5	Spondylopathies/spondyloarthropathy (including infective)	11,936	2.2%
6	Neoplasm-related encounters	11,837	2.2%
7	Abdominal pain and other digestive/abdomen signs and symptoms	9,738	1.8%
8	Other specified complications in pregnancy	8,065	1.5%
9	Other specified upper respiratory infections	7,939	1.5%
10	Essential hypertension	7,304	1.3%

Anchorage Region Outpatient Non-ED/CCSR Categories

Rank	CCSR Category Description	Discharges	Percent
1	Medical examination/evaluation	13,134	6.7%
2	Exposure, encounters, screening or contact with infectious disease	6,978	3.5%
3	Musculoskeletal pain, not low back pain	6,351	3.2%
4	Other aftercare encounter	5,471	2.8%
5	Biomechanical lesions	5,229	2.7%
6	Neoplasm-related encounters	4,857	2.5%
7	Spondylopathies/spondyloarthropathy (including infective)	3,664	1.9%
8	Abdominal pain and other digestive/abdomen signs and symptoms	2,982	1.5%
9	Other specified and unspecified skin disorders	2,840	1.4%
10	Other specified complications in pregnancy	2,783	1.4%

Gulf Coast Region Outpatient Non-ED/CCSR Categories

Rank	CCSR Category Description	Discharges	Percent
1	Musculoskeletal pain, not low back pain	3,327	4.0%
2	Medical examination/evaluation	3,204	3.9%
3	Spondylopathies/spondyloarthropathy (including infective)	2,499	3.0%
4	Neoplasm-related encounters	2,472	3.0%
5	Abdominal pain and other digestive/abdomen signs and symptoms	1,776	2.1%
6	Other specified and unspecified skin disorders	1,684	2.0%
7	Osteoarthritis	1,505	1.8%
8	Fungal infections	1,474	1.8%
9	Sleep wake disorders	1,468	1.8%
10	Exposure, encounters, screening or contact with infectious disease	1,464	1.8%

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Interior Region Outpatient Non-ED/CCSR Categories

Rank	CCSR Category Description	Discharges	Percent
1	Coronary atherosclerosis and other heart disease	1,872	4.9%
2	Spondylopathies/spondyloarthropathy (including infective)	1,640	4.3%
3	Cardiac dysrhythmias	1,634	4.3%
4	Exposure, encounters, screening or contact with infectious disease	1,356	3.6%
5	Neoplasm-related encounters	1,155	3.0%
6	Implant, device or graft related encounter	894	2.3%
7	Abdominal pain and other digestive/abdomen signs and symptoms	883	2.3%
8	Other aftercare encounter	806	2.1%
9	Cataract and other lens disorders	653	1.7%
10	Respiratory signs and symptoms	590	1.5%

Matanuska-Susitna Region Outpatient Non-ED/CCSR Categories

Rank	CCSR Category Description	Discharges	Percent
1	Spondylopathies/spondyloarthropathy (including infective)	1,554	4.7%
2	Neoplasm-related encounters	1,035	3.1%
3	Cataract and other lens disorders	1,031	3.1%
4	Medical examination/evaluation	838	2.5%
5	Other aftercare encounter	743	2.2%
6	Abdominal pain and other digestive/abdomen signs and symptoms	703	2.1%
7	Benign neoplasms	679	2.0%
8	Exposure, encounters, screening or contact with infectious disease	658	2.0%
9	Sprains and strains, initial encounter	656	2.0%
10	Osteoarthritis	636	1.9%

Northern Region Outpatient Non-ED/CCSR Categories

Rank	CCSR Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	23,656	31.7%
2	Medical examination/evaluation	3,070	4.1%
3	Other specified upper respiratory infections	2,703	3.6%
4	Musculoskeletal pain, not low back pain	2,137	2.9%
5	Other aftercare encounter	1,583	2.1%
6	Essential hypertension	1,290	1.7%
7	Other specified complications in pregnancy	1,079	1.4%
8	Abdominal pain and other digestive/abdomen signs and symptoms	1,056	1.4%
9	Diabetes mellitus without complication	865	1.2%
10	Uncomplicated pregnancy, delivery or puerperium	826	1.1%

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Southeast Region Outpatient Non-ED/CCSR Categories

Rank	CCSR Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	2,390	4.3%
2	Musculoskeletal pain, not low back pain	1,982	3.6%
3	Medical examination/evaluation	1,796	3.2%
4	Neoplasm-related encounters	1,363	2.5%
5	Spondylopathies/spondyloarthropathy (including infective)	1,362	2.5%
6	Abdominal pain and other digestive/abdomen signs and symptoms	1,159	2.1%
7	Other aftercare encounter	1,125	2.0%
8	Essential hypertension	1,042	1.9%
9	Osteoarthritis	1,007	1.8%
10	Diabetes mellitus without complication	894	1.6%

Southwest Region Outpatient Non-ED/CCSR Categories

Rank	CCSR Category Description	Discharges	Percent
1	Medical examination/evaluation	5,093	8.8%
2	Other specified complications in pregnancy	2,734	4.7%
3	Musculoskeletal pain, not low back pain	2,230	3.9%
4	Exposure, encounters, screening or contact with infectious disease	2,042	3.5%
5	Other aftercare encounter	1,851	3.2%
6	Other specified upper respiratory infections	1,842	3.2%
7	Essential hypertension	1,745	3.0%
8	Uncomplicated pregnancy, delivery or puerperium	1,317	2.3%
9	Abdominal pain and other digestive/abdomen signs and symptoms	1,129	2.0%
10	Supervision of high-risk pregnancy	1,102	1.9%

2020 Outpatient Non-ED/Non-Lab CCSR Categories with Examples of Diagnoses

Outpatient Non-ED Non-Lab CCSR Rank #1: Exposure, encounters, screening or contact with infectious disease

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Encounter for screening for other viral diseases	17,792
2	Contact with and (suspected) exposure to other viral communicable diseases	10,516
3	Encounter for immunization	8,706

Outpatient Non-ED Non-Lab CCSR Rank #2: Medical examination/evaluation

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Encounter for routine child health examination without abnormal findings	10,602
2	Encounter for other preprocedural examination	4,619
3	Encounter for general adult medical examination without abnormal findings	3,987

Outpatient Non-ED Non-Lab CCSR Rank #3: Musculoskeletal pain, not low back pain

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Pain in right knee	1,971
2	Pain in right shoulder	1,918
3	Pain in left knee	1,753

Outpatient Non-ED Non-Lab CCSR Rank #4: Other aftercare encounter

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm	3,756
2	Encounter for other orthopedic aftercare	2,560
3	Aftercare following joint replacement surgery	747

Outpatient Non-ED Non-Lab CCSR Rank #5: Spondylopathies/spondyloarthropathy (including infective)

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Cervicalgia	1,901
2	Spondylosis without myelopathy or radiculopathy, lumbar region	1,032
3	Radiculopathy, lumbar region	935

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Outpatient Non-ED Non-Lab CCSR Rank #6: Neoplasm-related encounters

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Encounter for screening for malignant neoplasm of colon	8,419
2	Encounter for screening mammogram for malignant neoplasm of breast	1,410
3	Encounter for follow-up examination after completed treatment for malignant neoplasm	1,079

Outpatient Non-ED Non-Lab CCSR Rank #7: Abdominal pain and other digestive/abdomen signs and symptoms

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Unspecified abdominal pain	2,713
2	Pelvic and perineal pain	900
3	Diarrhea, unspecified	887

Outpatient Non-ED Non-Lab CCSR Rank #8: Other specified complications in pregnancy

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Other specified pregnancy related conditions, third trimester	868
2	Other specified diseases and conditions complicating pregnancy, childbirth and the puerperium	865
3	Anemia complicating pregnancy, third trimester	819

Outpatient Non-ED Non-Lab CCSR Rank #9: Other specified upper respiratory infections

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Acute pharyngitis, unspecified	2,795
2	Acute upper respiratory infection, unspecified	2,744
3	Streptococcal pharyngitis	1,318

Outpatient Non-ED Non-Lab CCSR Rank #10: Essential hypertension

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Essential (primary) hypertension	7,304

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2020 100% of Outpatient Non-ED/Non-Lab Visits: All Outpatient Non-ED/Non-Lab Visits

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	226,608	41.7%	\$619	\$1,177,928,057
Sex: Female	316,448	58.3%	\$615	\$1,367,916,897
Race: White	196,979	36.3%	\$1,387	\$1,494,795,625
Race: AI/AN	270,641	49.8%	\$408	\$586,364,603
Race: Asian/PI	11,793	2.2%	\$1,858	\$98,300,613
Race: Black	7,719	1.4%	\$1,796	\$64,359,339
Ethnicity: Hispanic	12,770	2.4%	\$828	\$71,923,127
Age Group: 00-14	63,713	11.7%	\$338	\$125,144,440
Age Group: 15-24	47,107	8.7%	\$522	\$141,099,557
Age Group: 25-34	72,294	13.3%	\$547	\$241,900,110
Age Group: 35-44	63,027	11.6%	\$594	\$306,249,373
Age Group: 45-54	65,195	12.0%	\$786	\$376,175,728
Age Group: 55-64	90,366	16.6%	\$910	\$576,647,210
Age Group: 65-74	89,051	16.4%	\$923	\$518,610,865
Age Group: 75+	52,272	9.6%	\$805	\$259,797,115
Payer: Medicare	136,430	25.1%	\$858	\$726,024,967
Payer: Medicaid	137,944	25.4%	\$522	\$494,084,796
Payer: Commercial	167,427	30.8%	\$640	\$863,560,281
Payer: Self Pay	64,461	11.9%	\$337	\$137,847,956
Payer: Other	36,899	6.8%	\$1,584	\$324,875,940
Region: Anchorage	196,923	36.3%	\$723	\$1,034,867,285
Region: Gulf Coast	83,068	15.3%	\$754	\$400,211,463
Region: Interior	38,068	7.0%	\$1,745	\$237,994,652
Region: Mat-Su	33,457	6.2%	\$4,694	\$461,886,782
Region: Northern	74,667	13.7%	\$401	\$112,320,451
Region: Southeast	55,434	10.2%	\$557	\$170,274,811
Region: Southwest	57,668	10.6%	\$473	\$109,925,915
Region: Out of State	3,496	0.6%	\$594	\$17,547,658
Alaska 2020	543,219	100.0%	\$618	\$2,546,442,491
Alaska 2019	664,976	-	\$584	\$2,646,326,276
Alaska 2018	618,078	-	\$556	\$2,396,401,114



OUTPATIENT LAB OR RADIOLOGY ONLY CHAPTER

- Outpatient Lab or Radiology Only Introduction
- Outpatient Lab or Radiology Only Tables
 - Alaska and Regional Top 10 ICD-10-CM Categories of Principal Diagnoses
 - Alaska and Regional Top 10 CCSR Diagnosis Categories
 - Alaska Top 10 CCS Categories with Examples of Top ICD-10-CM Principal Diagnoses
 - Patient Demographics for All Visits and for the #1 CCSR

Outpatient Lab or Radiology Only Introduction

Diagnosis Aggregation

The 561,152 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 ICD-10-CM 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 aggregates diagnoses into 540 categories, and displays the top 10.

Data Highlights

- In 2020, Alaska HFDR reporting hospitals billed \$413 million for visits exclusively for lab or radiology services which is a 3% increase over 2019; however, the number of 2020 lab/radiology visits increased 45% over 2019.
- The top 10 outpatient lab/radiology-only ICD-10-CM Categories cover 502,685 (90%) of the 561,152 Alaska lab/radiology-only visits in 2020.
- The top 10 outpatient lab/radiology-only CCSR Diagnosis Categories cover 299,657 (53%) of the 561,152 Alaska lab/radiology-only visits in 2020.
- The number one CCSR in this chapter for 2020 is *exposure, encounters, screening or contact with infectious disease* at 32.8% (183,413 of the 561,152 lab/radiology-only visits). A COVID-19 testing procedure code was found in 97% of the 183,413 *exposure, encounters, screening or contact with infectious disease* CCSR discharges. In 2019 this CCSR only contained 5,239 lab/radiology-only visits.
- The top three specific ICD-10-CM principal diagnoses in this CCSR are all pandemic related: *encounter for screening for other viral diseases, contact with and (suspected) exposure to other viral communicable diseases, and encounter for observation for suspected exposure to other biological agents ruled out*.
- The 2020 median charge for the lab/radiology-only visits was \$248 which is less than half of the 2019 median, and 60% of the visits were by females.

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HFDR OUTPATIENT LAB/RADIOLOGY-ONLY - 2020 Regional Top 10 ICD-10-CM Diagnosis Code Range Groups

All of Alaska Outpatient Lab or Radiology Only ICD-10-CM Code Range Groups

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	169,293	30.17%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	99,291	17.69%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	57,784	10.30%
4	E00-E89 Endocrine, nutritional and metabolic diseases	38,523	6.86%
5	M00-M99 Diseases of the musculoskeletal system and connective tissue	37,220	6.63%
6	C00-D49 Neoplasms	27,584	4.92%
7	N00-N99 Diseases of the genitourinary system	25,227	4.50%
8	I00-I99 Diseases of the circulatory system	21,162	3.77%
9	J00-J99 Diseases of the respiratory system	14,553	2.59%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	12,048	2.15%

Anchorage Region Outpatient Lab or Radiology Only ICD-10-CM Code Range Groups

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	70,103	34.68%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	41,329	20.44%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	17,106	8.46%
4	E00-E89 Endocrine, nutritional and metabolic diseases	13,234	6.55%
5	C00-D49 Neoplasms	11,716	5.80%
6	M00-M99 Diseases of the musculoskeletal system and connective tissue	8,407	4.16%
7	N00-N99 Diseases of the genitourinary system	7,453	3.69%
8	I00-I99 Diseases of the circulatory system	5,912	2.92%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	3,736	1.85%
10	K00-K95 Diseases of the digestive system	3,641	1.80%

Gulf Coast Region Outpatient Lab or Radiology Only ICD-10-CM Code Range Groups

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	19,996	25.30%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	11,038	13.97%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	9,548	12.08%
4	M00-M99 Diseases of the musculoskeletal system and connective tissue	8,539	10.80%
5	E00-E89 Endocrine, nutritional and metabolic diseases	6,623	8.38%
6	N00-N99 Diseases of the genitourinary system	4,459	5.64%
7	I00-I99 Diseases of the circulatory system	4,079	5.16%
8	C00-D49 Neoplasms	2,855	3.61%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,317	2.93%
10	K00-K95 Diseases of the digestive system	1,519	1.92%

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Interior Region Outpatient Lab or Radiology Only ICD-10-CM Code Range Groups

Rank	ICD-10-CM Range Description	Discharges	Percent
1	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	13,361	16.66%
2	Z00-Z13 Persons encountering health services for examinations	10,796	13.46%
3	M00-M99 Diseases of the musculoskeletal system and connective tissue	9,969	12.43%
4	E00-E89 Endocrine, nutritional and metabolic diseases	8,674	10.81%
5	C00-D49 Neoplasms	7,598	9.47%
6	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	7,123	8.88%
7	I00-I99 Diseases of the circulatory system	4,487	5.59%
8	N00-N99 Diseases of the genitourinary system	4,346	5.42%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	1,932	2.41%
10	D50-D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune	1,840	2.29%

Matanuska-Susitna Region Outpatient Lab or Radiology Only ICD-10-CM Code Range Groups

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	13,329	30.44%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	5,730	13.09%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	4,926	11.25%
4	N00-N99 Diseases of the genitourinary system	2,816	6.43%
5	M00-M99 Diseases of the musculoskeletal system and connective tissue	2,427	5.54%
6	E00-E89 Endocrine, nutritional and metabolic diseases	2,422	5.53%
7	C00-D49 Neoplasms	2,187	4.99%
8	J00-J99 Diseases of the respiratory system	1,582	3.61%
9	I00-I99 Diseases of the circulatory system	1,523	3.48%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	1,387	3.17%

Northern Region Outpatient Lab or Radiology Only ICD-10-CM Code Range Groups

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	23,157	46.57%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	13,176	26.50%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	2,241	4.51%
4	J00-J99 Diseases of the respiratory system	1,873	3.77%
5	M00-M99 Diseases of the musculoskeletal system and connective tissue	1,345	2.71%
6	E00-E89 Endocrine, nutritional and metabolic diseases	1,331	2.68%
7	N00-N99 Diseases of the genitourinary system	1,151	2.31%
8	I00-I99 Diseases of the circulatory system	936	1.88%
9	O00-O9A Pregnancy, childbirth, and puerperium	737	1.48%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	657	1.32%

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Southeast Region Outpatient Lab or Radiology Only ICD-10-CM Code Range Groups

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	14,274	23.97%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	8,316	13.96%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	8,152	13.69%
4	E00-E89 Endocrine, nutritional and metabolic diseases	5,301	8.90%
5	M00-M99 Diseases of the musculoskeletal system and connective tissue	5,105	8.57%
6	I00-I99 Diseases of the circulatory system	3,497	5.87%
7	N00-N99 Diseases of the genitourinary system	3,240	5.44%
8	C00-D49 Neoplasms	1,980	3.32%
9	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	1,401	2.35%
10	O00-O9A Pregnancy, childbirth, and puerperium	1,298	2.18%

Southwest Region Outpatient Lab or Radiology Only ICD-10-CM Code Range Groups

Rank	ICD-10-CM Range Description	Discharges	Percent
1	Z00-Z13 Persons encountering health services for examinations	13,924	35.73%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	10,902	27.97%
3	J00-J99 Diseases of the respiratory system	3,789	9.72%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	1,813	4.65%
5	N00-N99 Diseases of the genitourinary system	1,566	4.02%
6	M00-M99 Diseases of the musculoskeletal system and connective tissue	1,189	3.05%
7	E00-E89 Endocrine, nutritional and metabolic diseases	728	1.87%
8	Unknown	669	1.72%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	661	1.70%
10	C00-D49 Neoplasms	637	1.63%

HFDR OUTPATIENT LAB/RADIOLOGY-ONLY - 2020 Regional Top 10 CCSR Categories

All of Alaska Outpatient Lab or Radiology Only Visits CCSR Category

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	183,413	32.8%
2	Medical examination/evaluation	30,023	5.4%
3	Neoplasm-related encounters	16,693	3.0%
4	Musculoskeletal pain, not low back pain	12,407	2.2%
5	Thyroid disorders	10,661	1.9%
6	Abdominal pain and other digestive/abdomen signs and symptoms	10,382	1.9%
7	Abnormal findings without diagnosis	9,950	1.8%
8	Other specified upper respiratory infections	9,119	1.6%
9	Essential hypertension	8,589	1.5%
10	Respiratory signs and symptoms	8,420	1.5%

Anchorage Region Outpatient Lab or Radiology Only Visits CCSR Category

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	80,316	39.8%
2	Medical examination/evaluation	12,025	6.0%
3	Neoplasm-related encounters	5,067	2.5%
4	Thyroid disorders	3,504	1.7%
5	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm,	3,155	1.6%
6	Abnormal findings without diagnosis	3,112	1.5%
7	Respiratory signs and symptoms	2,880	1.4%
8	Coronavirus disease – 2019 (COVID-19)	2,804	1.4%
9	Diabetes mellitus without complication	2,740	1.4%
10	Essential hypertension	2,706	1.3%

Gulf Coast Region Outpatient Lab or Radiology Only Visits CCSR Category

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	15,506	19.7%
2	Medical examination/evaluation	4,529	5.7%
3	Neoplasm-related encounters	2,705	3.4%
4	Musculoskeletal pain, not low back pain	2,593	3.3%
5	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm,	2,248	2.8%
6	Spondylopathies/spondyloarthropathy (including infective)	2,099	2.7%
7	Thyroid disorders	2,090	2.6%
8	Abdominal pain and other digestive/abdomen signs and symptoms	1,928	2.4%
9	Abnormal findings without diagnosis	1,772	2.2%
10	Essential hypertension	1,601	2.0%

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Interior Region Outpatient Lab or Radiology Only Visits CCSR Category

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	6,275	7.8%
2	Musculoskeletal pain, not low back pain	4,692	5.9%
3	Neoplasm-related encounters	4,173	5.2%
4	Thyroid disorders	2,471	3.1%
5	Medical examination/evaluation	2,362	2.9%
6	Abdominal pain and other digestive/abdomen signs and symptoms	2,361	2.9%
7	Respiratory signs and symptoms	2,097	2.6%
8	Abnormal findings without diagnosis	2,020	2.5%
9	Genitourinary signs and symptoms	1,754	2.2%
10	Disorders of lipid metabolism	1,722	2.2%

Matanuska-Susitna Region Outpatient Lab or Radiology Only Visits CCSR Category

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	9,497	22.1%
2	Medical examination/evaluation	6,071	14.1%
3	Neoplasm-related encounters	996	2.3%
4	Abdominal pain and other digestive/abdomen signs and symptoms	901	2.1%
5	Other specified upper respiratory infections	867	2.0%
6	Uncomplicated pregnancy, delivery or puerperium	793	1.8%
7	Abnormal findings without diagnosis	767	1.8%
8	Thyroid disorders	751	1.7%
9	Musculoskeletal pain, not low back pain	736	1.7%
10	Urinary tract infections	715	1.7%

Northern Region Outpatient Lab or Radiology Only Visits CCSR Category

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	33,121	66.7%
2	Other specified upper respiratory infections	1,473	3.0%
3	Uncomplicated pregnancy, delivery or puerperium	689	1.4%
4	Medical examination/evaluation	688	1.4%
5	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm,	517	1.0%
6	Diabetes mellitus without complication	508	1.0%
7	Abdominal pain and other digestive/abdomen signs and symptoms	497	1.0%
8	Coronavirus disease – 2019 (COVID-19)	454	0.9%
9	Essential hypertension	431	0.9%
10	Musculoskeletal pain, not low back pain	349	0.7%

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Southeast Region Outpatient Lab or Radiology Only Visits CCSR Category

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	12,261	20.6%
2	Neoplasm-related encounters	3,147	5.3%
3	Medical examination/evaluation	2,793	4.7%
4	Musculoskeletal pain, not low back pain	1,759	3.0%
5	Abnormal findings without diagnosis	1,679	2.8%
6	Abdominal pain and other digestive/abdomen signs and symptoms	1,675	2.8%
7	Essential hypertension	1,483	2.5%
8	Diabetes mellitus without complication	1,350	2.3%
9	Thyroid disorders	1,321	2.2%
10	Respiratory signs and symptoms	1,095	1.8%

Southwest Region Outpatient Lab or Radiology Only Visits CCSR Category

Rank	CCSR Diagnosis Category Description	Discharges	Percent
1	Exposure, encounters, screening or contact with infectious disease	21,478	55.1%
2	Other specified upper respiratory infections	3,196	8.2%
3	Medical examination/evaluation	1,372	3.5%
4	Urinary tract infections	678	1.7%
5	Coronavirus disease – 2019 (COVID-19)	664	1.7%
6	Genitourinary signs and symptoms	387	1.0%
7	Abdominal pain and other digestive/abdomen signs and symptoms	381	1.0%
8	Uncomplicated pregnancy, delivery or puerperium	324	0.8%
9	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm,	309	0.8%
10	Neoplasm-related encounters	306	0.8%

2020 Outpatient Lab/Radiology-Only CCSR Categories with Examples of Diagnoses

Outpatient Lab Radiology Only CCSR Rank #1: Exposure, encounters, screening or contact with infectious disease

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Encounter for screening for other viral diseases	104,519
2	Contact with and (suspected) exposure to other viral communicable diseases	70,681
3	Encounter for observation for suspected exposure to other biological agents ruled out	3,942

Outpatient Lab Radiology Only CCSR Rank #2: Medical examination/evaluation

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Encounter for preprocedural laboratory examination	12,409
2	Encounter for other preprocedural examination	5,971
3	Encounter for general adult medical examination without abnormal findings	5,738

Outpatient Lab Radiology Only CCSR Rank #3: Neoplasm-related encounters

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Encounter for screening mammogram for malignant neoplasm of breast	13,049
2	Encounter for screening for malignant neoplasm of colon	1,340
3	Encounter for screening for malignant neoplasm of cervix	1,045

Outpatient Lab Radiology Only CCSR Rank #4: Musculoskeletal pain, not low back pain

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Pain in right knee	1,234
2	Pain in left knee	1,146
3	Pain in right shoulder	936

Outpatient Lab Radiology Only CCSR Rank #5: Thyroid disorders

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Hypothyroidism, unspecified	6,410
2	Thyrotoxicosis, unspecified without thyrotoxic crisis or storm	697
3	Nontoxic single thyroid nodule	674

Outpatient Lab Radiology Only CCSR Rank #6: Abdominal pain and other digestive/abdomen signs and symptoms

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Unspecified abdominal pain	2,754
2	Diarrhea, unspecified	1,860
3	Right upper quadrant pain	929

Outpatient Lab Radiology Only CCSR Rank #7: Abnormal findings without diagnosis

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Other specified abnormal findings of blood chemistry	1,064
2	Other abnormal and inconclusive findings on diagnostic imaging of breast	860
3	Elevated prostate specific antigen [PSA]	858

Outpatient Lab Radiology Only CCSR Rank #8: Other specified upper respiratory infections

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Acute pharyngitis, unspecified	6,134
2	Acute upper respiratory infection, unspecified	1,299
3	Acute nasopharyngitis [common cold]	1,031

Outpatient Lab Radiology Only CCSR Rank #9: Essential hypertension

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Essential (primary) hypertension	8,589

Outpatient Lab Radiology Only CCSR Rank #10: Respiratory signs and symptoms

ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Cough	4,999
2	Shortness of breath	1,185
3	Dyspnea, unspecified	585

2020 100% of Outpatient Lab/Radiology-Only Visits: All Outpatient Lab/Radiology-Only Visits

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	222,941	39.7%	\$233	\$171,144,130
Sex: Female	337,861	60.2%	\$264	\$241,875,334
Race: White	276,660	49.3%	\$392	\$233,414,167
Race: AI/AN	193,277	34.4%	\$198	\$121,428,780
Race: Asian/PI	21,659	3.9%	\$345	\$16,872,582
Race: Black	11,306	2.0%	\$337	\$9,482,713
Ethnicity: Hispanic	15,895	2.8%	\$260	\$11,459,390
Age Group: 00-14	46,848	8.3%	\$198	\$18,220,124
Age Group: 15-24	53,945	9.6%	\$198	\$27,372,723
Age Group: 25-34	82,254	14.7%	\$198	\$46,603,852
Age Group: 35-44	78,006	13.9%	\$200	\$49,667,735
Age Group: 45-54	73,949	13.2%	\$275	\$58,309,540
Age Group: 55-64	96,640	17.2%	\$375	\$88,422,880
Age Group: 65-74	83,610	14.9%	\$451	\$81,514,374
Age Group: 75+	45,849	8.2%	\$438	\$42,963,570
Payer: Medicare	117,705	21.0%	\$461	\$113,349,927
Payer: Medicaid	116,643	20.8%	\$200	\$75,343,142
Payer: Commercial	223,034	39.7%	\$251	\$160,185,367
Payer: Self Pay	74,561	13.3%	\$198	\$36,257,078
Payer: Other	29,206	5.2%	\$487	\$27,971,869
Region: Anchorage	202,151	36.0%	\$198	\$145,808,169
Region: Gulf Coast	79,040	14.1%	\$516	\$69,324,070
Region: Interior	80,219	14.3%	\$395	\$61,411,008
Region: Mat-Su	43,789	7.8%	\$487	\$46,242,296
Region: Northern	49,720	8.9%	\$200	\$23,492,841
Region: Southeast	59,558	10.6%	\$401	\$45,694,738
Region: Southwest	38,973	6.9%	\$198	\$18,457,310
Region: Out of State	6,025	1.1%	\$192	\$2,310,001
Alaska 2020	561,152	100.0%	\$248	\$413,109,793
Alaska 2019	388,153	-	\$531	\$402,579,212
Alaska 2018	402,356	-	\$500	\$382,454,480

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2020 #1 LCOV at 32.8% of Outpatient Lab/Radiology-Only Visits: **Exposure, encounters, screening or contact with infectious disease**

Characteristic	Discharges	Percent of Category	Median Charge	Total Charges
Sex: Male	76,809	41.9%	\$192	\$14,914,150
Sex: Female	106,335	58.0%	\$192	\$21,196,985
Race: White	47,681	26.0%	\$185	\$8,083,425
Race: AI/AN	99,890	54.5%	\$192	\$19,632,635
Race: Asian/PI	3,771	2.1%	\$192	\$666,677
Race: Black	2,089	1.1%	\$192	\$384,856
Ethnicity: Hispanic	4,641	2.5%	\$192	\$883,722
Age Group: 00-14	20,841	11.4%	\$192	\$4,137,291
Age Group: 15-24	25,797	14.1%	\$192	\$5,490,671
Age Group: 25-34	37,281	20.3%	\$192	\$7,767,958
Age Group: 35-44	32,395	17.7%	\$192	\$6,539,883
Age Group: 45-54	24,658	13.4%	\$192	\$4,803,806
Age Group: 55-64	24,492	13.4%	\$192	\$4,574,989
Age Group: 65-74	12,900	7.0%	\$175	\$2,101,418
Age Group: 75+	5,044	2.8%	\$120	\$744,049
Payer: Medicare	13,865	7.6%	\$103	\$2,014,899
Payer: Medicaid	44,103	24.0%	\$192	\$9,422,447
Payer: Commercial	75,060	40.9%	\$192	\$15,288,068
Payer: Self Pay	46,590	25.4%	\$192	\$8,342,483
Payer: Other	3,794	2.1%	\$192	\$1,092,474
Region: Anchorage	80,316	43.8%	\$192	\$15,779,275
Region: Gulf Coast	15,506	8.5%	\$0	\$1,592,804
Region: Interior	6,275	3.4%	\$240	\$1,734,664
Region: Mat-Su	9,497	5.2%	\$192	\$2,081,245
Region: Northern	33,121	18.1%	\$192	\$7,432,604
Region: Southeast	12,261	6.7%	\$175	\$2,449,298
Region: Southwest	21,478	11.7%	\$192	\$4,335,422
Region: Out of State	3,501	1.9%	\$103	\$474,390
Alaska 2020	183,413	100.0%	\$192	\$36,160,871
Alaska 2019	5,239	-	\$472	\$3,127,099
Alaska 2018	6,790	-	\$358	\$3,556,236



APPENDICES

- [Appendix A: Health Facilities Submitting Data for 2020](#)
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Appendix A: Health Facilities Submitting Data for 2020

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 Medical Center
Central Peninsula Hospital	Alaska Surgery Center
Cordova Community Medical Center	Alpine Surgery Center
Fairbanks Memorial Hospital	Anchorage Endoscopy Center
Maniilaq Health Center	Arctic Surgery Center
Mat-Su Regional Medical Center	Creekside Surgery Center
Mt. Edgecumbe Medical Center	Geneva Woods Surgical Center
North Star Hospital	Pacific Cataract and Laser Institute
Norton Sound Regional Hospital	South Anchorage Surgery Center
PeaceHealth Ketchikan Medical Center	Southeast Alaska Surgery Center
Petersburg Medical Center	Surgery Center of Anchorage
Providence Alaska Medical Center	Surgery Center of Fairbanks
Providence Kodiak Island Medical Center	Surgery Center of Kenai
Providence Seward Medical and Care Center	Surgery Center of Wasilla
Providence Valdez Medical Center	Susitna Surgery 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 or 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

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Appendix C: Diagnosis Related Groups (DRGs) Data Tables

HFDR INPATIENT - 2020 Regional Top 10 DRGs

All of Alaska Inpatient DRG

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	3,886	7.0%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	3,332	6.0%
3	PSYCHOSES	2,363	4.3%
4	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	2,133	3.8%
5	NEONATE W OTHER SIGNIFICANT PROBLEMS	2,070	3.7%
6	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	1,304	2.3%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	1,041	1.9%
8	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	960	1.7%
9	CESAREAN SECTION W/O STERILIZATION W/O CC/MCC	812	1.5%
10	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	797	1.4%

Anchorage Region Inpatient DRG

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	1,640	7.2%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	1,344	5.9%
3	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	1,096	4.8%
4	PSYCHOSES	818	3.6%
5	NEONATE W OTHER SIGNIFICANT PROBLEMS	774	3.4%
6	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	507	2.2%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	448	2.0%
8	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	406	1.8%
9	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	402	1.8%
10	RESPIRATORY INFECTIONS & INFLAMMATIONS W MCC	380	1.7%

Gulf Coast Region Inpatient DRG

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	432	6.6%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	382	5.9%
3	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	254	3.9%
4	PSYCHOSES	219	3.4%
5	NEONATE W OTHER SIGNIFICANT PROBLEMS	218	3.3%
6	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	208	3.2%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	111	1.7%
8	RESPIRATORY INFECTIONS & INFLAMMATIONS W MCC	109	1.7%
9	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	101	1.5%
10	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	97	1.5%

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Interior Region Inpatient DRG

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	571	10.0%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	540	9.5%
3	PSYCHOSES	467	8.2%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	243	4.3%
5	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	209	3.7%
6	DEPRESSIVE NEUROSES	120	2.1%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	115	2.0%
8	CESAREAN SECTION W/O STERILIZATION W/O CC/MCC	111	2.0%
9	FULL TERM NEONATE W MAJOR PROBLEMS	82	1.4%
10	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	82	1.4%

Matanuska-Susitna Region Inpatient DRG

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	536	7.1%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	437	5.8%
3	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	410	5.4%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	289	3.8%
5	PSYCHOSES	202	2.7%
6	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	143	1.9%
7	CESAREAN SECTION W/O STERILIZATION W/O CC/MCC	130	1.7%
8	HEART FAILURE & SHOCK W MCC	111	1.5%
9	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	111	1.5%
10	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	104	1.4%

Northern Region Inpatient DRG

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	225	6.3%
2	NORMAL NEWBORN	216	6.0%
3	NEONATE W OTHER SIGNIFICANT PROBLEMS	150	4.2%
4	PSYCHOSES	140	3.9%
5	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	103	2.9%
6	OTHER FACTORS INFLUENCING HEALTH STATUS	84	2.3%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	83	2.3%
8	POISONING & TOXIC EFFECTS OF DRUGS W/O MCC	63	1.8%
9	OTHER DISORDERS OF NERVOUS SYSTEM W/O CC/MCC	57	1.6%
10	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	57	1.6%

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Southeast Region Inpatient DRG

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	NORMAL NEWBORN	249	5.2%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	242	5.0%
3	PSYCHOSES	217	4.5%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	215	4.5%
5	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	169	3.5%
6	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	152	3.2%
7	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	117	2.4%
8	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	103	2.1%
9	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	83	1.7%
10	CESAREAN SECTION W/O STERILIZATION W/O CC/MCC	70	1.5%

Southwest Region Inpatient DRG

Rank	DRG Diagnosis Category Description	Discharges	Percent
1	PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS	253	6.8%
2	PSYCHOSES	245	6.6%
3	NORMAL NEWBORN	227	6.1%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	174	4.7%
5	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	147	3.9%
6	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	80	2.1%
7	CELLULITIS W/O MCC	78	2.1%
8	OTHER ANTEPARTUM DIAGNOSES W/O O.R. PROCEDURE W/O CC/MCC	74	2.0%
9	VAGINAL DELIVERY W/O STERILIZATION/D&C W MCC	70	1.9%
10	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	69	1.9%

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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

Appendix D: Outpatient Laboratory and Radiology Revenue Codes – Continued (Page 2 of 2)

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Code	Revenue Code Description
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
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.

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.

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 were 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

An “other outpatient” place of service hospital visit 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, 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.