

State of Alaska

Department of Health and Social Services



Alaska Health Facilities

Data Reporting Program

2019 Annual Report

Alaska Division of Public Health

Health Analytics and Vital Records Section





Alaska Health Facilities Data Reporting Program
2019 Annual Report

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PURPOSE OF THIS REPORT

The Alaska Health Facilities Data Reporting Program (HFDR) 2019 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 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.

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Additional Information

Comments, questions, and/or concerns about this report are welcome. There is a fee for customized reports and special information requests. For further assistance, please contact the Health Analytics Unit:

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The Alaska Health Facilities Data Annual Reports and additional information are available online at:

dhss.alaska.gov/dph/VitalStats/Pages/data/

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 Health Facility Data Reporting Program, and we are deeply appreciative of their assistance.

The Health Analytics and Vital Records Section 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 - 2019 Facility Discharge¹ Counts Summary

	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient Other	Outpatient Lab or Radiology
Sex					
Male	26,556	134,035	40,215	233,622	148,202
Female	33,532	158,771	44,777	346,259	240,214
Race					
White	31,858	123,785	51,163	162,710	241,623
AI/AN	17,507	114,890	14,048	361,658	90,756
Asian/PI	3,821	18,902	3,637	9,060	19,211
Black	1,999	13,286	2,096	5,668	10,158
Ethnicity					
Hispanic	1,873	12,233	2,281	12,579	11,555
Age Group					
00-14	11,096	50,731	7,215	90,374	30,202
15-24	4,578	38,962	3,998	53,814	28,569
25-34	8,723	53,536	6,889	78,112	45,426
35-44	5,516	39,905	9,344	60,341	44,083
45-54	5,266	33,975	13,960	65,188	51,415
55-64	8,375	34,431	20,115	85,115	75,142
65-74	8,629	24,265	16,410	89,315	71,545
75+	7,907	17,000	7,011	57,613	42,042
Primary Payer					
Medicare	17,248	46,255	20,801	148,694	107,472
Medicaid	20,863	125,134	15,955	172,793	79,794
Commercial	14,736	66,396	32,610	150,117	151,504
Self Pay	3,281	29,411	3,892	80,967	23,144
Other	3,963	25,627	11,738	27,330	26,519
Public Health Region					
Anchorage	24,242	124,746	38,066	221,851	125,305
Gulf Coast	7,272	24,451	11,291	76,923	62,174
Interior	6,131	29,437	7,418	36,901	82,452
Mat-Su	8,240	32,192	15,436	25,679	36,285
Northern	4,044	20,521	2,601	89,141	21,034
Southeast	4,525	21,479	5,691	61,129	41,870
Southwest	4,344	31,603	3,955	65,449	16,203
Out of State	1,210	7,771	523	2,634	2,921
Annual Totals					
Alaska 2019	60,091	292,827	85,008	579,902	388,434
Alaska 2018	60,500	291,605	85,184	532,863	402,499
Alaska 2017	61,653	302,149	81,631	528,120	396,852

¹A discharge, episode of service, is only counted once within the year even if more than one billing record exists for that episode.
Data Sources: Alaska Health Analytics and Vital Records, Health Facilities Data Reporting Program 2019v3, 2018v4, and 2017v6 datasets

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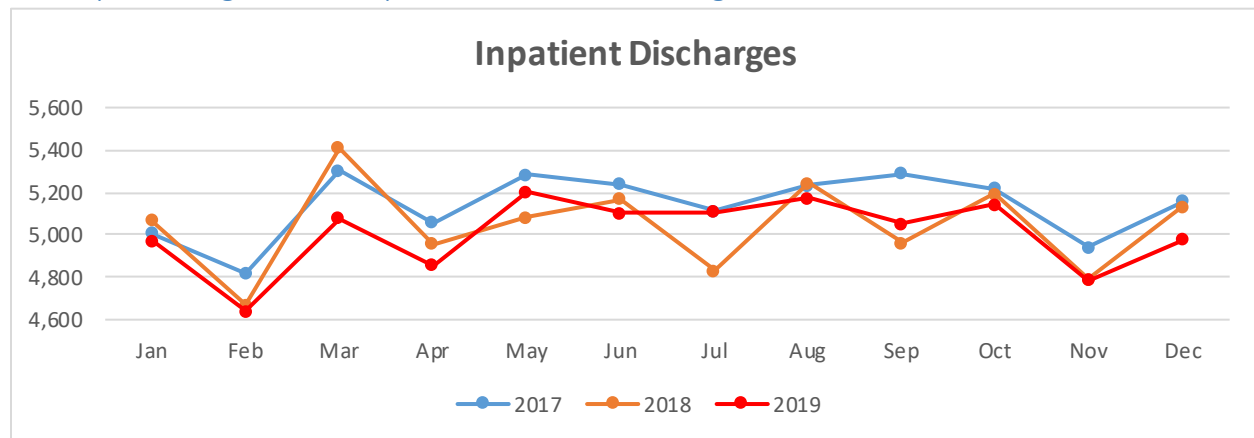
HFDR OVERVIEW - 2019 Facility Billed Charges¹ Summary

	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient Other	Outpatient Lab or Radiology
Sex					
Male	\$2,239,192,162	\$510,250,880	\$670,476,092	\$545,710,320	\$169,894,549
Female	\$2,111,403,978	\$621,662,477	\$708,225,555	\$711,205,024	\$237,915,000
Race					
White	\$2,555,529,157	\$553,570,765	\$860,609,617	\$619,818,384	\$238,547,383
AI/AN	\$1,012,224,894	\$375,830,966	\$217,122,044	\$482,382,507	\$116,830,895
Asian/PI	\$274,609,363	\$73,319,785	\$52,566,671	\$44,273,903	\$16,943,870
Black	\$170,524,001	\$52,682,690	\$35,754,672	\$34,211,788	\$10,292,248
Ethnicity					
Hispanic	\$124,973,877	\$47,272,490	\$35,082,666	\$33,735,813	\$10,445,192
Age Group					
00-14	\$477,661,338	\$102,180,448	\$95,265,663	\$72,229,996	\$16,609,082
15-24	\$202,128,485	\$128,185,583	\$77,804,419	\$77,612,567	\$24,255,772
25-34	\$393,354,351	\$197,177,544	\$126,531,857	\$125,909,439	\$41,905,197
35-44	\$365,846,466	\$163,733,115	\$172,672,928	\$133,550,380	\$44,806,436
45-54	\$487,300,060	\$152,761,987	\$230,126,615	\$172,485,133	\$58,217,075
55-64	\$862,407,109	\$166,442,583	\$327,429,598	\$253,613,544	\$89,060,472
65-74	\$878,014,004	\$125,567,774	\$241,460,608	\$267,170,424	\$86,462,099
75+	\$684,353,741	\$95,870,724	\$107,113,735	\$154,365,099	\$46,498,209
Primary Payer					
Medicare	\$1,618,002,487	\$239,667,762	\$310,962,848	\$432,668,832	\$123,173,499
Medicaid	\$1,338,323,105	\$431,262,687	\$258,567,926	\$298,492,372	\$75,488,387
Commercial	\$903,632,926	\$264,863,305	\$515,208,798	\$340,236,143	\$150,593,504
Self Pay	\$154,534,683	\$103,486,055	\$67,213,298	\$90,506,099	\$27,723,283
Other	\$336,581,698	\$92,737,019	\$226,871,875	\$95,074,884	\$30,837,667
Public Health Region					
Anchorage	\$2,023,326,917	\$540,278,037	\$600,585,608	\$458,753,334	\$141,415,040
Gulf Coast	\$479,684,024	\$99,691,863	\$185,688,671	\$199,195,083	\$73,608,945
Interior	\$335,676,931	\$88,098,129	\$106,731,010	\$142,871,582	\$66,215,238
Mat-Su	\$731,886,091	\$163,369,915	\$322,181,641	\$147,490,262	\$46,912,228
Northern	\$182,697,535	\$49,747,538	\$42,853,161	\$99,705,159	\$22,287,355
Southeast	\$226,176,758	\$68,904,250	\$52,154,861	\$103,562,996	\$36,462,554
Southwest	\$242,069,776	\$87,101,260	\$57,622,943	\$92,182,305	\$18,432,685
Out of State	\$122,563,807	\$32,461,191	\$10,621,053	\$12,470,621	\$2,308,818
Annual Totals					
Alaska 2019	\$4,351,074,898	\$1,132,023,276	\$1,378,856,424	\$1,256,982,282	\$407,816,558
Alaska 2018	\$3,989,625,263	\$1,014,262,461	\$1,304,670,883	\$1,082,841,210	\$385,060,274
Alaska 2017	\$3,675,873,897	\$949,321,034	\$1,186,690,831	\$988,232,387	\$358,728,496

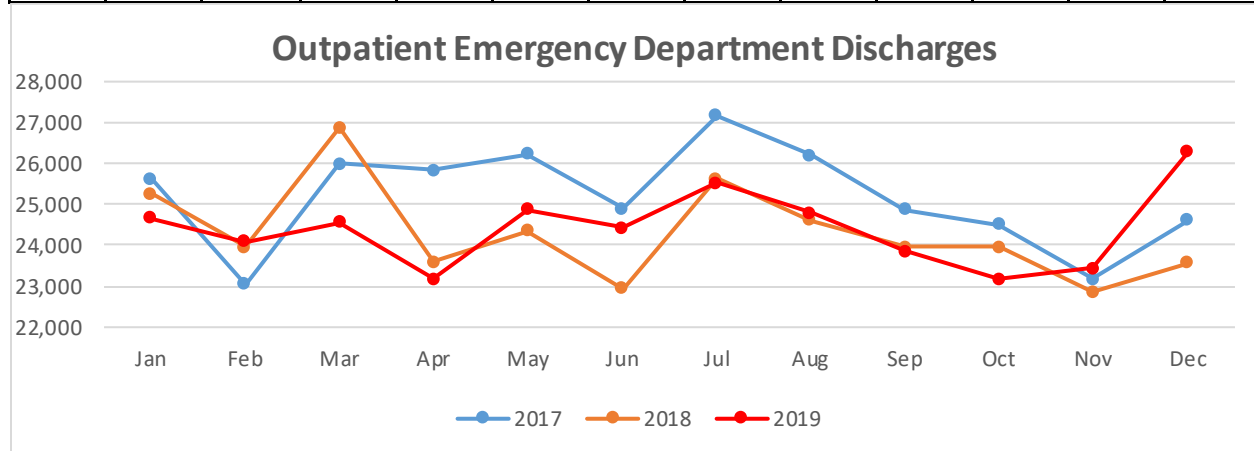
¹Billed Charges sum the amounts charged to the primary payer on all billing records, and include covered and non-covered charges.
Data Sources: Alaska Health Analytics and Vital Records, Health Facilities Data Reporting Program 2019v3, 2018v4, and 2017v6 datasets

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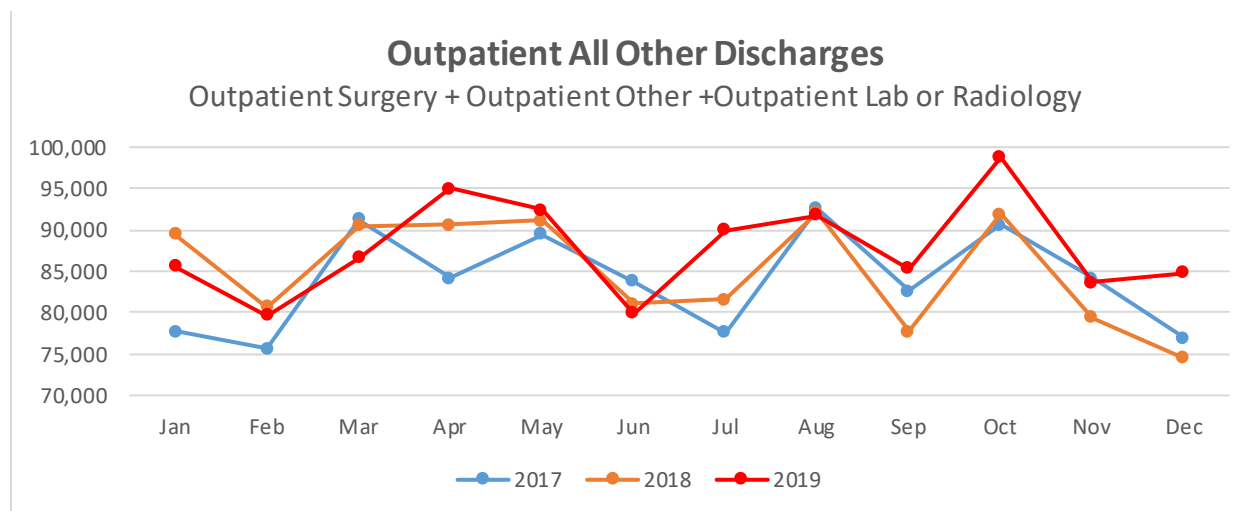
Facility Discharge Counts by Month for 2017 through 2019



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017	5,008	4,818	5,304	5,056	5,283	5,236	5,111	5,234	5,289	5,218	4,940	5,156
2018	5,065	4,671	5,408	4,958	5,084	5,166	4,832	5,241	4,962	5,193	4,788	5,132
2019	4,973	4,642	5,079	4,855	5,203	5,102	5,107	5,172	5,054	5,142	4,783	4,979



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017	25,626	23,039	25,996	25,825	26,224	24,891	27,160	26,202	24,877	24,516	23,188	24,605
2018	25,260	23,972	26,879	23,595	24,351	22,956	25,629	24,604	23,962	23,970	22,864	23,563
2019	24,660	24,082	24,572	23,187	24,864	24,423	25,511	24,800	23,844	23,182	23,435	26,267



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017	77,690	75,682	91,311	84,208	89,437	83,764	77,582	92,565	82,610	90,592	84,225	76,937
2018	89,432	80,669	90,456	90,622	91,156	81,045	81,587	92,109	77,656	91,940	79,373	74,501
2019	85,530	79,596	86,563	94,991	92,458	79,898	89,987	91,814	85,289	98,768	83,678	84,772

PROGRAM OVERVIEW

Health facilities in Alaska submit discharge data quarterly to the Department of Health and Social Services via a clearinghouse where they are edited for accuracy and quality, and de-identified for personal identification privacy before being provided to the Division of Public Health, Health Analytics and Vital Records Section (HAVRS), Health Facilities Data Reporting (HFDR) Program.

Data for 2019 are from the fifth year of reporting under regulation 7 AAC 27.660. Twenty-four non-military hospitals and twenty-one ambulatory surgery centers submitted 2019 discharge data to the Department. One hospital in the Southeast Region did not submit discharges for 2018 or 2019. In 2017, twenty-five hospitals submitted discharges. Each year contains roughly 1.4 million billing records. In 2019, the dataset contains a total of 1,406,262 discharges for the year.

The data are used for public health analyses and to answer specific questions about the frequency of hospitalizations for certain illnesses, overdoses, injuries, and other conditions, or for identifying disparities in the provision of health care. Data can also be used to examine patient migration to seek care in other geographic areas, analyses of billed charges, expected payer source, market share, and volume.

The datasets contain coded clinical information, financial information, and patient demographics about each patient stay or visit. Datasets are available for purchase to the participating health care facilities that are current with data submissions, and to public health programs and researchers. One-time special requests for reports are also available from HAVRS staff, as well as the development of reoccurring standard reports.

INTRODUCTION

The Data

The HFDR program within HAVRS facilitates the ongoing, quarterly health facility data submissions required by regulation. This report provides information on the program's management and administration, and summary statistics for discharges occurring during calendar year 2019.

The HFDR program collects inpatient and outpatient discharge data (including emergency department) from private, municipal, state, and federal 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.

Data reported are from billing records for each hospital discharge, with the following variables submitted: 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.

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.

Background

The HFDR program, for which reporting is *required by regulation*, is based on its

predecessor, the Hospital Discharge Data System (HDDS), which was established in 2001 and composed of the *voluntary* submissions of hospital discharge data. HDDS was managed by the Alaska State Hospital and Nursing Home Association with grant funds from the Department of Health and Social Services 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 percent 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, 7 AAC 27.660 Article 14. *Health Care Facility Discharge Data Reporting*, became effective in December 2014 for discharges occurring in 2015, and required the following types of facilities to report: private, municipal, state, or federal hospitals; hospitals operated by Alaska Native organizations; psychiatric hospitals; independent diagnostic testing facilities; residential psychiatric treatment centers; and intermediate care facilities.

Under 7 AAC 27.660, discharge data reporting is required for facilities that provide Medicaid services subject to 7 AAC 105 – 7 AAC 160, or are subject to licensure under AS 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

The Department of Health and Social Services 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 SAS 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 the Alaska State Hospital and Nursing Home Association 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, 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 itemized revenue code charges.

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 2019 inpatient datasets contain about 60,000 discharge records and over 830,000 revenue records, and the outpatient datasets contains over 1.3 million discharges and over 5.9 million revenue records.

Dataset and Data Analysis Requests

Five healthcare facilities and the Alaska State Hospital and Nursing Home Association requested and received 2019 healthcare operations datasets. The Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP) requested and received the 2019 inpatient datasets to include in the National Inpatient Sample, a 48-state dataset used for national health services research and policy analysis, located at [Link for National Inpatient Sample Overview](#).

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The Division 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. As of the publication of this report, the following topics have been examined using HFDR data:

- Alcohol-related emergency department (ED) visits
- Slipping, tripping, stumbling and fall discharges
- Unintentional injury hospitalizations
- Earthquake-related discharges
- Influenza diagnosis stays and visits
- Carbon monoxide poisoning discharges
- Vaccine-preventable disease charges
- Marijuana-related hospitalizations
- Mental health ED visit durations
- Neonatal withdrawal symptoms from maternal use of drugs of addiction
- Readmissions
- Opioid-related hospitalizations and ED visits (many analysis variations)
- Asthma-related hospitalizations
- Diaper dermatitis, candidiasis, and urinary tract infection for under age five
- Potentially preventable hospitalizations
- Intentional self-harm visits and stays (many analysis variations)
- Substance misuse discharges
- Cerebral infarction hospitalizations
- Diaper-related diagnosis discharges
- Social determinants of health coding
- Shellfish poisoning discharges
- Pediatric influenza hospitalizations

Quality Improvement

All 21 ambulatory surgical centers and all except one of the 25 non-military hospitals submitted discharge data for 2019. The facilities are listed in Appendix A. The inpatient record count is estimated to be 100% (rounded) complete and the outpatient record count is estimated to be 99% complete. The small percentage of incomplete data are due to two facilities in the Southeast Public Health Region who did not

submit complete data for 2019 compared to past years.

In 2019, most facilities reported quarterly data by the due date, allowing quarterly datasets to be extracted within two weeks of the next quarter's end.

An important program goal is to balance stakeholder need for timely access to data for decision-making purposes with data quality. Facilities are largely submitting data by the due dates so the focus will shift to improving data quality. Responding to the Hospital Industry Data Institute's edit reports more fully will assist facilities towards the goal of less than 5% of records with missing or invalid required fields.

The inpatient record error rate remained roughly the same from 11.9% for 2018 to 11.6% for 2019. The outpatient error rate declined from 11.0% for 2018 records to 9.5% for 2019. Inpatient 2019 records had 84 different types of errors or warnings, and outpatient records had 123 different types of errors or warnings.

Funding/Program Sustainability

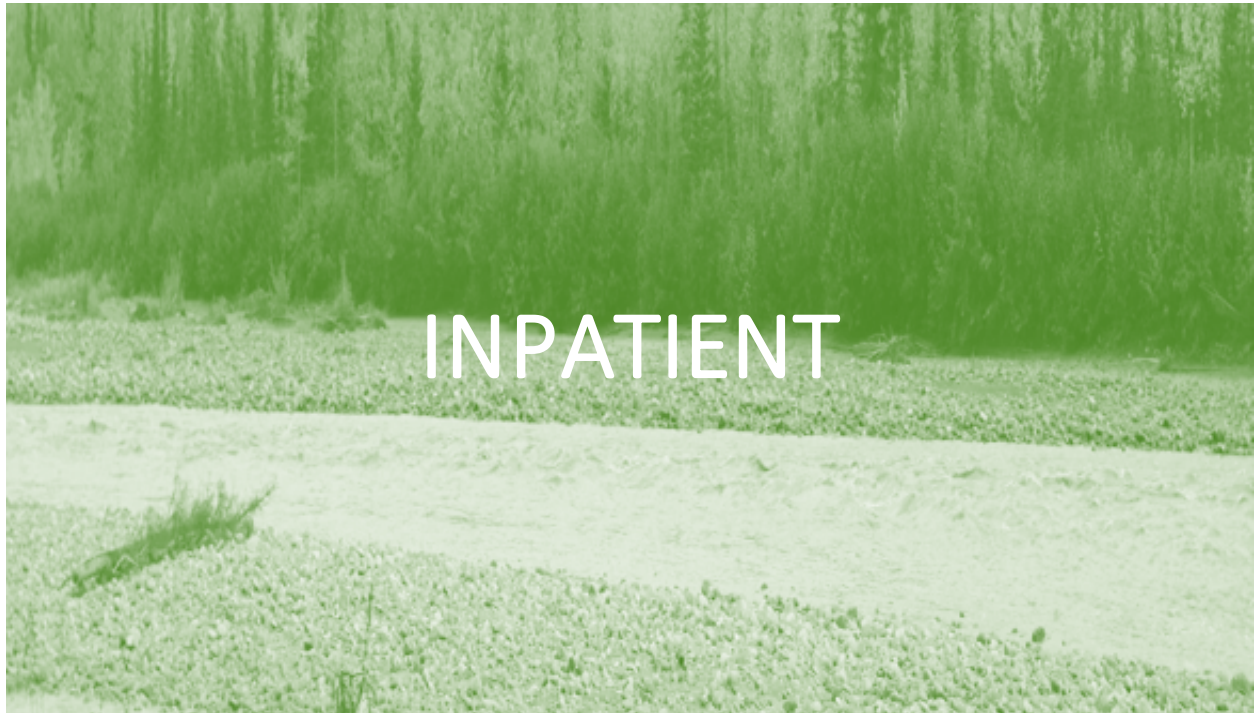
The HFDR Program is managed by the Health Analytics and Vital Records Section, which charges fees for special requests for data analysis and datasets to ensure sustainability of the resources required to operate the program. The fees help offset the program costs, which include staff time, computer resources, 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.
- 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.
- 2019 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).
- For 2019, one facility in the Southeast Public Health Region did not submit any discharge data.
- Regional reports are summarized by the patient's region of residence.
- Discharges are grouped by principal diagnoses into groups by AHRQ HCUP Clinical Classification Software Refined (CCSR).
- Outpatient visits include emergency department, outpatient surgery, outpatient observation, radiology, labs, therapies, and other services.
- Inpatient and outpatient data records contain one principal diagnosis and up to 29 secondary diagnoses. The diagnosis tables in this report refer to principal diagnoses only.
- Outpatient procedures are reported in a separate file in which the unit of analysis is the procedure. A single patient visit can have one or more procedures.
- The data in this report are generated from the 2019 version 3 dataset.

SOURCES

Alaska Department of Health and Social Services, Division of Public Health, Health Analytics and Vital Records Section, Health Facilities Data Reporting Program, 2019v3 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 12.3% Liveborn Infant*
 - *#2 at 6.4% Septicemia*
 - *#3 at 3.3% Complications specified during childbirth*
 - *#4 at 2.9% Osteoarthritis*
 - *#5 at 2.3% Heart failure*
 - *#6 at 2.0% Depressive disorders*
 - *#7 at 2.0% Acute myocardial infarction*
 - *#8 at 1.8% Spondylopathies/spondyloarthropathy (including infective)*
 - *#9 at 1.8% Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium*
 - *#10 at 1.8% Alcohol-related disorders*
- Alaska 10 LCOH by Age Group

Inpatient Introduction

Diagnosis Aggregation

The medical reasons, or 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)*, the industry standard reference. While ICD-10 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 540 categories. 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.

Data Highlights

- Alaska hospitals reporting inpatient discharges to the HFDR program billed primary payers \$4.4 billion for just over 60,000 stays in 2019 resulting in over 330,000 days in the hospital. For perspective, the total HFDR *outpatient* billings were almost \$4.2 billion for over 1.3 million visits.
- Overall, the number of inpatient stays declined by 2% in 2018 and 1% in 2019, while inpatient billed charges increased by 9% in 2018 and 9% in 2019.
- The top 10 Inpatient CCSR diagnosis categories, or the leading causes of hospitalization (LCOH), include 21,906 (or 36.5%) of the 60,091 total inpatient stays in 2019.
- The statewide top 5 LCOH summary for 2019 is as follows:
 - *Liveborn infants* - the median length of stay was 2 days, the median charge was \$5,043, and the most common primary payer was Medicaid at 43% of the discharges.
 - *Septicemia* - the median length of stay was 5 days, the median charge was \$63,781, and the most common primary payer was Medicare at 47%.
 - *Complications specified during childbirth* - The median length of stay was 2 days, the median charge was \$17,644, and the most common primary payer was Medicaid at 53%.
 - *Osteoarthritis* - the median length of stay was 2 days, the median charge was \$100,807, and the most common primary payer was Medicare at 54%.
 - *Heart failure* - The median length of stay was 4 days, the median charge was \$50,050, and the most common primary payer was Medicaid at 56%.
- Comparing the 10 LCOH by gender, the categories with the highest percentage of female patients, aside from diagnoses related to childbirth, were *depressive disorders* at 60% and *osteoarthritis* at 52% female. The categories with the highest percentage of male patients were *acute myocardial infarction* at 68%, *heart failure* at 58.1%, and *alcohol-related disorders* at 56% male.
- The LCOH for inpatients under age 1 was *liveborn infant*, for children ages 1 to 17 was *depressive disorders*, for adults age 18 to 64 was *septicemia*, and for adults age 65 plus was also *septicemia*.

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HFDR INPATIENT - 2019 Regional LCOH

Rank	CCS Diagnosis Category Description	Discharges	Percent
All of Alaska			
1	Liveborn Infant	7,370	12.3%
2	Septicemia	3,817	6.4%
3	Complications specified during childbirth	1,959	3.3%
4	Osteoarthritis	1,758	2.9%
5	Heart failure	1,360	2.3%
6	Depressive disorders	1,231	2.0%
7	Acute myocardial infarction	1,178	2.0%
8	Spondylopathies/spondyloarthropathy (including infective)	1,088	1.8%
9	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	1,085	1.8%
10	Alcohol-related disorders	1,060	1.8%
Anchorage Region			
1	Liveborn Infant	3,008	12.4%
2	Septicemia	1,849	7.6%
3	Complications specified during childbirth	707	2.9%
4	Heart failure	641	2.6%
5	Osteoarthritis	625	2.6%
6	Spondylopathies/spondyloarthropathy (including infective)	493	2.0%
7	Alcohol-related disorders	466	1.9%
8	Acute myocardial infarction	459	1.9%
9	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	441	1.8%
10	Respiratory failure; insufficiency; arrest	416	1.7%
Gulf Coast Region			
1	Liveborn Infant	815	11.2%
2	Septicemia	369	5.1%
3	Osteoarthritis	340	4.7%
4	Spondylopathies/spondyloarthropathy (including infective)	216	3.0%
5	Complications specified during childbirth	204	2.8%
6	Chronic obstructive pulmonary disease and bronchiectasis	174	2.4%
7	Heart failure	170	2.3%
8	Acute myocardial infarction	154	2.1%
9	Pneumonia (except that caused by tuberculosis)	126	1.7%
10	Diabetes mellitus with complication	125	1.7%
Interior Region			
1	Liveborn Infant	970	15.8%
2	Depressive disorders	352	5.7%
3	Osteoarthritis	253	4.1%
4	Complications specified during childbirth	239	3.9%
5	Bipolar and related disorders	166	2.7%
6	Septicemia	150	2.4%
7	Schizophrenia spectrum and other psychotic disorders	147	2.4%
8	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	136	2.2%
9	Acute myocardial infarction	117	1.9%
10	Trauma- and stressor-related disorders	101	1.6%

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HFDR INPATIENT - 2019 Regional LCOH - Continued

Matanuska-Susitna Region			
1	Liveborn Infant	1,014	12.3%
2	Septicemia	746	9.1%
3	Complications specified during childbirth	299	3.6%
4	Osteoarthritis	246	3.0%
5	Acute myocardial infarction	220	2.7%
6	Spondylopathies/spondyloarthropathy (including infective)	213	2.6%
7	Diabetes mellitus with complication	150	1.8%
8	Heart failure	149	1.8%
9	Respiratory failure; insufficiency; arrest	142	1.7%
10	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	128	1.6%
Northern Region			
1	Liveborn Infant	427	10.6%
2	Alcohol-related disorders	135	3.3%
3	Septicemia	129	3.2%
4	Complications specified during childbirth	129	3.2%
5	Pneumonia (except that caused by tuberculosis)	109	2.7%
6	Suicidal ideation/attempt/intentional self-harm	104	2.6%
7	Nervous system pain and pain syndromes	100	2.5%
8	Heart failure	93	2.3%
9	Depressive disorders	92	2.3%
10	Schizophrenia spectrum and other psychotic disorders	88	2.2%
Southeast Region			
1	Liveborn Infant	478	10.6%
2	Septicemia	283	6.3%
3	Osteoarthritis	175	3.9%
4	Alcohol-related disorders	146	3.2%
5	Complications specified during childbirth	127	2.8%
6	Heart failure	117	2.6%
7	Depressive disorders	110	2.4%
8	Schizophrenia spectrum and other psychotic disorders	106	2.3%
9	Skin and subcutaneous tissue infections	93	2.1%
10	Acute myocardial infarction	90	2.0%
Southwest Region			
1	Liveborn Infant	640	14.7%
2	Complications specified during childbirth	249	5.7%
3	Septicemia	157	3.6%
4	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	144	3.3%
5	Acute bronchitis	124	2.9%
6	Depressive disorders	122	2.8%
7	Pneumonia (except that caused by tuberculosis)	114	2.6%
8	Skin and subcutaneous tissue infections	113	2.6%
9	Schizophrenia spectrum and other psychotic disorders	83	1.9%
10	OB-related trauma to perineum and vulva	78	1.8%

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2019 Inpatient LCOH with Examples of Diagnoses

CCS Rank	CCS Description	ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Liveborn Infant	1	Single liveborn infant, delivered vaginally	5,535
		2	Single liveborn infant, delivered by cesarean	1,634
		3	Twin liveborn infant, delivered by cesarean	105
2	Septicemia	1	Sepsis, unspecified organism	2,756
		2	Sepsis due to Escherichia coli [E. coli]	260
		3	Other specified sepsis	136
3	Complications specified during childbirth	1	Streptococcus B carrier state complicating childbirth	432
		2	Anemia complicating childbirth	254
		3	Abnormality in fetal heart rate and rhythm complicating labor and delivery	209
4	Osteoarthritis	1	Unilateral primary osteoarthritis, right knee	413
		2	Unilateral primary osteoarthritis, left knee	408
		3	Unilateral primary osteoarthritis, right hip	363
5	Heart failure	1	Hypertensive heart disease with heart failure	549
		2	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	506
		3	Acute on chronic systolic (congestive) heart failure	109
6	Depressive disorders	1	Major depressive disorder, recurrent severe without psychotic features	476
		2	Major depressive disorder, single episode, unspecified	247
		3	Major depressive disorder, single episode, severe without psychotic features	121
7	Acute myocardial infarction	1	Non-ST elevation (NSTEMI) myocardial infarction	800
		2	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	111
		3	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	87
8	Spondylopathies/spondyloarthropathy (including infective)	1	Spinal stenosis, cervical region	193
		2	Spinal stenosis, lumbar region with neurogenic claudication	152
		3	Spinal stenosis, lumbar region without neurogenic claudication	124
9	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	1	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	276
		2	Severe pre-eclampsia complicating childbirth	177
		3	Pre-existing hypertension with pre-eclampsia, complicating childbirth	117
10	Alcohol-related disorders	1	Alcohol dependence with withdrawal, unspecified	500
		2	Alcohol dependence with withdrawal delirium	172
		3	Alcohol dependence, uncomplicated	120

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2019 100% of Inpatient Discharges:
All Inpatient Stays

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Male	26,556	44.2%	\$44,699	\$2,239,192,162	3	165,568
Female	33,532	55.8%	\$33,221	\$2,111,403,978	3	166,510
Race						
White	31,858	53.0%	\$46,039	\$2,555,529,157	3	179,658
AI/AN	17,507	29.1%	\$28,289	\$1,012,224,894	3	92,988
Asian/PI	3,821	6.4%	\$37,420	\$274,609,363	3	19,436
Black	1,999	3.3%	\$48,093	\$170,524,001	3	13,344
Ethnicity						
Hispanic	1,873	3.1%	\$36,053	\$124,973,877	3	8,987
Age Group						
00-14	11,096	18.5%	\$7,992	\$477,661,338	2	50,598
15-24	4,578	7.6%	\$25,121	\$202,128,485	3	23,788
25-34	8,723	14.5%	\$26,044	\$393,354,351	2	33,658
35-44	5,516	9.2%	\$37,634	\$365,846,466	3	27,498
45-54	5,266	8.8%	\$56,404	\$487,300,060	3	31,111
55-64	8,375	13.9%	\$64,559	\$862,407,109	3	52,893
65-74	8,629	14.4%	\$66,594	\$878,014,004	3	55,658
75+	7,907	13.2%	\$55,030	\$684,353,741	4	56,889
Primary Payer						
Medicare	17,248	28.7%	\$59,391	\$1,618,002,487	4	117,972
Medicaid	20,863	34.7%	\$28,909	\$1,338,323,105	3	116,232
Commercial	14,736	24.5%	\$30,249	\$903,632,926	2	61,344
Self Pay	3,281	5.5%	\$24,119	\$154,534,683	2	12,162
Other	3,963	6.6%	\$48,845	\$336,581,698	3	24,386
Public Health Region						
Anchorage	24,242	40.3%	\$46,840	\$2,023,326,917	3	147,363
Gulf Coast	7,272	12.1%	\$34,764	\$479,684,024	3	37,236
Interior	6,131	10.2%	\$29,735	\$335,676,931	3	29,695
Mat-Su	8,240	13.7%	\$49,533	\$731,886,091	3	44,731
Northern	4,044	6.7%	\$21,025	\$182,697,535	2	17,016
Southeast	4,525	7.5%	\$25,110	\$226,176,758	3	25,434
Southwest	4,344	7.2%	\$19,602	\$242,069,776	3	22,403
Out of State	1,210	2.0%	\$49,888	\$122,563,807	3	7,728
Annual Totals						
Alaska 2019	60,091	100.0%	\$37,843	\$4,351,074,898	3	332,096
Alaska 2018	60,500	100.7%	\$34,552	\$3,989,625,263	3	372,661
Alaska 2017	61,653	102.6%	\$31,244	\$3,675,873,897	3	453,889

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2019 #1 LCOH at 12.3% of Inpatient Discharges:
Liveborn Infant

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Male	3,849	52.2%	\$5,376	\$141,629,771	2	14,640
Female	3,521	47.8%	\$4,857	\$110,779,336	2	12,623
Race						
White	2,868	38.9%	\$4,488	\$83,084,223	2	9,613
AI/AN	2,190	29.7%	\$8,095	\$51,034,138	2	7,426
Asian/PI	558	7.6%	\$4,380	\$19,451,919	2	1,985
Black	175	2.4%	\$4,767	\$9,986,654	2	788
Ethnicity						
Hispanic	235	3.2%	\$5,309	\$7,638,733	2	917
Age Group						
00-14	7,370	100.0%	\$5,043	\$252,409,107	2	27,263
Primary Payer						
Medicare	1	0.0%	\$4,280	\$4,280	2	2
Medicaid	3,200	43.4%	\$5,478	\$133,636,970	2	13,672
Commercial	2,840	38.5%	\$4,483	\$84,569,550	2	9,385
Self Pay	956	13.0%	\$7,738	\$12,363,778	2	2,311
Other	373	5.1%	\$4,854	\$21,834,529	2	1,893
Public Health Region						
Anchorage	3,008	40.8%	\$4,895	\$121,183,091	2	11,719
Gulf Coast	815	11.1%	\$4,133	\$17,436,610	2	2,222
Interior	970	13.2%	\$4,277	\$17,735,642	2	3,550
Mat-Su	1,014	13.8%	\$5,921	\$41,507,000	2	3,811
Northern	427	5.8%	\$8,100	\$15,497,297	2	1,675
Southeast	478	6.5%	\$5,807	\$8,189,048	2	1,360
Southwest	640	8.7%	\$7,855	\$22,851,048	2	2,570
Out of State	18	0.2%	\$5,527	\$8,009,371	2	356
Annual Totals						
Alaska 2019	7,370	100.0%	\$5,043	\$252,409,107	2	27,263
Alaska 2018	7,655	103.9%	\$4,911	\$239,292,807	2	27,816
Alaska 2017	7,982	108.3%	\$4,599	\$269,594,385	2	33,174

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2019 #2 LCOH at 6.4% of Inpatient Discharges:
Septicemia

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Male	1,940	50.8%	\$65,543	\$241,636,426	5	16,802
Female	1,877	49.2%	\$62,620	\$200,971,788	5	14,378
Race						
White	2,245	58.8%	\$68,156	\$262,939,029	5	18,036
AI/AN	986	25.8%	\$60,956	\$118,379,315	5	8,672
Asian/PI	293	7.7%	\$62,390	\$30,568,448	4	2,166
Black	106	2.8%	\$76,034	\$14,366,234	6	1,170
Ethnicity						
Hispanic	107	2.8%	\$57,015	\$12,007,727	4	749
Age Group						
00-14	42	1.1%	\$50,028	\$5,190,480	4	346
15-24	111	2.9%	\$51,222	\$9,807,694	4	691
25-34	355	9.3%	\$52,922	\$36,359,312	4	2,508
35-44	390	10.2%	\$62,627	\$44,630,204	4	2,968
45-54	489	12.8%	\$65,980	\$65,726,848	5	4,441
55-64	768	20.1%	\$73,794	\$109,895,814	5	7,252
65-74	802	21.0%	\$70,472	\$90,656,375	5	6,433
75+	860	22.5%	\$59,444	\$80,341,487	5	6,541
Primary Payer						
Medicare	1,801	47.2%	\$66,195	\$198,709,613	5	14,697
Medicaid	1,189	31.2%	\$63,364	\$150,624,770	5	10,519
Commercial	501	13.1%	\$60,783	\$54,534,054	4	3,441
Self Pay	165	4.3%	\$58,078	\$18,659,260	4	1,269
Other	161	4.2%	\$65,429	\$20,080,518	4	1,254
Public Health Region						
Anchorage	1,849	48.4%	\$68,416	\$217,211,225	5	16,085
Gulf Coast	369	9.7%	\$54,858	\$39,308,711	5	3,026
Interior	150	3.9%	\$61,251	\$14,461,617	4	997
Mat-Su	746	19.5%	\$79,041	\$98,926,042	5	5,757
Northern	129	3.4%	\$39,723	\$13,453,761	4	877
Southeast	283	7.4%	\$40,330	\$23,513,808	4	2,077
Southwest	157	4.1%	\$60,018	\$20,617,339	5	1,509
Out of State	129	3.4%	\$51,071	\$14,315,212	3	804
Annual Totals						
Alaska 2019	3,817	100.0%	\$63,781	\$442,608,213	5	31,180
Alaska 2018	3,682	96.5%	\$61,298	\$416,420,537	5	31,707
Alaska 2017	3,218	84.3%	\$56,769	\$326,094,291	5	26,085

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2019 #3 LCOH at 3.3% of Inpatient Discharges:
Complications specified during childbirth

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Female	1,959	100.0%	\$17,644	\$41,662,314	2	4,176
Race						
White	867	44.3%	\$19,827	\$19,523,210	2	1,815
AI/AN	699	35.7%	\$13,628	\$12,049,290	2	1,455
Asian/PI	186	9.5%	\$20,772	\$4,541,091	2	395
Black	59	3.0%	\$20,914	\$2,014,213	2	170
Ethnicity						
Hispanic	99	5.1%	\$21,307	\$2,484,074	2	239
Age Group						
15-24	562	28.7%	\$16,651	\$11,941,504	2	1,242
25-34	1,138	58.1%	\$17,863	\$23,393,690	2	2,343
35-44	257	13.1%	\$19,604	\$6,270,287	2	587
45-54	2	0.1%	\$28,417	\$56,834	2	4
Primary Payer						
Medicare	8	0.4%	\$17,724	\$151,366	2	18
Medicaid	1,043	53.2%	\$16,864	\$22,592,329	2	2,282
Commercial	726	37.1%	\$18,488	\$15,082,609	2	1,507
Self Pay	99	5.1%	\$17,468	\$2,138,629	2	196
Other	83	4.2%	\$18,297	\$1,697,382	2	173
Public Health Region						
Anchorage	707	36.1%	\$20,753	\$17,034,361	2	1,547
Gulf Coast	204	10.4%	\$17,297	\$3,954,722	2	408
Interior	239	12.2%	\$10,331	\$2,894,304	2	469
Mat-Su	299	15.3%	\$27,993	\$9,275,177	2	653
Northern	129	6.6%	\$16,372	\$2,464,348	2	263
Southeast	127	6.5%	\$14,425	\$2,067,443	2	285
Southwest	249	12.7%	\$10,558	\$3,738,519	2	532
Out of State	5	0.3%	\$35,511	\$233,441	3	19
Annual Totals						
Alaska 2019	1,959	100.0%	\$17,644	\$41,662,314	2	4,176
Alaska 2018	2,034	103.8%	\$16,415	\$41,765,123	2	4,461
Alaska 2017	1,978	101.0%	\$15,118	\$35,948,649	2	4,377

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2019 #4 LCOH at 2.9% of Inpatient Discharges:
Osteoarthritis

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Male	840	47.8%	\$102,156	\$87,287,575	2	1,715
Female	918	52.2%	\$99,784	\$95,931,395	2	2,279
Race						
White	1,330	75.7%	\$111,011	\$144,973,050	2	2,997
AI/AN	282	16.0%	\$73,839	\$21,881,037	2	665
Asian/PI	32	1.8%	\$116,558	\$3,541,829	2	73
Black	48	2.7%	\$125,587	\$5,545,146	2	124
Ethnicity						
Hispanic	43	2.4%	\$110,719	\$4,531,924	2	101
Age Group						
15-24	2	0.1%	\$71,880	\$143,759	2	4
25-34	5	0.3%	\$115,786	\$774,524	3	12
35-44	40	2.3%	\$82,906	\$3,918,604	2	75
45-54	192	10.9%	\$97,811	\$18,677,936	2	375
55-64	523	29.7%	\$87,003	\$53,440,893	2	1,170
65-74	680	38.7%	\$109,565	\$73,093,219	2	1,468
75+	316	18.0%	\$101,051	\$33,170,035	2	890
Primary Payer						
Medicare	957	54.4%	\$107,246	\$102,966,750	2	2,352
Medicaid	205	11.7%	\$100,847	\$21,342,777	2	436
Commercial	396	22.5%	\$80,495	\$38,163,904	2	807
Self Pay	29	1.6%	\$72,968	\$2,236,777	2	54
Other	171	9.7%	\$115,858	\$18,508,763	2	345
Public Health Region						
Anchorage	625	35.6%	\$122,979	\$76,512,487	2	1,432
Gulf Coast	340	19.3%	\$80,245	\$33,546,928	2	735
Interior	253	14.4%	\$56,048	\$18,458,539	2	653
Mat-Su	246	14.0%	\$133,067	\$34,058,626	2	539
Northern	54	3.1%	\$75,847	\$4,248,840	2	117
Southeast	175	10.0%	\$50,656	\$10,919,261	2	368
Southwest	55	3.1%	\$74,753	\$4,464,490	2	130
Out of State	10	0.6%	\$105,727	\$1,009,799	2	20
Annual Totals						
Alaska 2019	1,758	100.0%	\$100,807	\$183,218,970	2	3,994
Alaska 2018	1,911	108.7%	\$81,977	\$179,406,734	2	5,455
Alaska 2017	2,116	120.4%	\$86,267	\$195,577,728	3	6,576

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2019 #5 LCOH at 2.3% of Inpatient Discharges:
Heart failure

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Male	790	58.1%	\$49,631	\$60,892,940	4	4,716
Female	570	41.9%	\$51,361	\$45,734,623	4	3,775
Race						
White	718	52.8%	\$55,285	\$60,730,924	4	4,665
AI/AN	391	28.8%	\$42,297	\$23,300,533	4	2,122
Asian/PI	115	8.5%	\$62,264	\$10,099,455	4	700
Black	71	5.2%	\$73,158	\$7,296,654	4	576
Ethnicity						
Hispanic	38	2.8%	\$63,928	\$3,262,067	4	259
Age Group						
00-14	1	0.1%	\$8,779	\$8,779	1	1
15-24	1	0.1%	\$41,130	\$41,130	4	4
25-34	44	3.2%	\$30,980	\$2,776,222	3	210
35-44	84	6.2%	\$53,757	\$5,622,102	4	401
45-54	134	9.9%	\$57,641	\$12,062,873	4	880
55-64	308	22.6%	\$53,643	\$27,748,031	4	2,021
65-74	314	23.1%	\$53,305	\$26,416,549	4	1,894
75+	474	34.9%	\$46,229	\$31,951,878	4	3,080
Primary Payer						
Medicare	762	56.0%	\$51,611	\$59,634,089	4	5,050
Medicaid	356	26.2%	\$47,724	\$30,228,389	4	2,304
Commercial	105	7.7%	\$56,553	\$7,030,001	4	446
Self Pay	42	3.1%	\$54,592	\$3,598,292	4	242
Other	95	7.0%	\$46,290	\$6,136,792	3	449
Public Health Region						
Anchorage	641	47.1%	\$65,994	\$60,847,418	5	4,715
Gulf Coast	170	12.5%	\$36,019	\$9,331,733	3	947
Interior	99	7.3%	\$39,694	\$5,660,787	3	343
Mat-Su	149	11.0%	\$60,381	\$14,430,514	3	886
Northern	93	6.8%	\$27,786	\$3,981,770	3	429
Southeast	117	8.6%	\$34,782	\$6,833,461	4	695
Southwest	62	4.6%	\$37,702	\$3,734,417	4	340
Out of State	27	2.0%	\$47,955	\$1,745,397	4	132
Annual Totals						
Alaska 2019	1,360	100.0%	\$50,050	\$106,627,564	4	8,491
Alaska 2018	1,288	94.7%	\$47,376	\$93,176,573	4	8,149
Alaska 2017	1,191	87.6%	\$41,328	\$74,276,823	4	7,099

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2019 #6 LCOH at 2.0% of Inpatient Discharges:
Depressive disorders

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Male	498	40.5%	\$35,016	\$24,996,484	7	5,039
Female	733	59.5%	\$45,101	\$42,229,779	8	7,783
Race						
White	593	48.2%	\$52,073	\$37,673,819	8	6,543
AI/AN	473	38.4%	\$29,310	\$20,061,062	6	4,317
Asian/PI	33	2.7%	\$66,695	\$2,141,296	9	357
Black	46	3.7%	\$55,396	\$3,044,992	9	554
Ethnicity						
Hispanic	46	3.7%	\$51,688	\$2,741,362	8	550
Age Group						
00-14	196	15.9%	\$63,294	\$13,038,147	14	2,964
15-24	480	39.0%	\$39,751	\$27,339,730	9	5,507
25-34	209	17.0%	\$27,558	\$8,215,340	5	1,434
35-44	129	10.5%	\$34,020	\$6,199,652	6	1,053
45-54	106	8.6%	\$39,532	\$5,581,681	6	813
55-64	76	6.2%	\$44,739	\$4,145,739	7	653
65-74	28	2.3%	\$60,105	\$2,292,987	8	345
75+	7	0.6%	\$54,850	\$412,987	7	53
Primary Payer						
Medicare	77	6.3%	\$43,936	\$4,615,325	6	690
Medicaid	688	55.9%	\$33,780	\$32,629,804	7	6,417
Commercial	313	25.4%	\$57,153	\$20,613,946	9	3,677
Self Pay	30	2.4%	\$26,711	\$1,103,383	4	183
Other	123	10.0%	\$62,619	\$8,263,805	11	1,855
Public Health Region						
Anchorage	339	27.5%	\$61,442	\$25,202,023	11	4,331
Gulf Coast	100	8.1%	\$51,688	\$5,924,332	10	1,200
Interior	352	28.6%	\$31,622	\$15,852,430	5	2,933
Mat-Su	103	8.4%	\$63,294	\$6,788,378	11	1,369
Northern	92	7.5%	\$26,664	\$3,546,433	4	657
Southeast	110	8.9%	\$17,947	\$4,705,405	4	934
Southwest	122	9.9%	\$20,001	\$4,428,648	6	1,205
Out of State	11	0.9%	\$50,210	\$679,525	11	175
Annual Totals						
Alaska 2019	1,231	100.0%	\$40,669	\$67,226,263	7	12,822
Alaska 2018	1,387	112.7%	\$36,452	\$70,678,613	7	14,164
Alaska 2017	1,645	133.6%	\$30,979	\$71,449,764	7	16,083

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2019 #7 LCOH at 2.0% of Inpatient Discharges:
Acute myocardial infarction

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Male	803	68.2%	\$104,786	\$120,187,079	2	3,673
Female	375	31.8%	\$99,760	\$50,462,219	3	1,797
Race						
White	815	69.2%	\$104,538	\$118,773,070	2	3,728
AI/AN	164	13.9%	\$87,548	\$19,909,087	3	722
Asian/PI	102	8.7%	\$117,036	\$18,615,438	3	627
Black	33	2.8%	\$105,848	\$4,537,349	3	143
Ethnicity						
Hispanic	47	4.0%	\$104,832	\$6,284,102	3	174
Age Group						
25-34	9	0.8%	\$88,596	\$1,364,795	3	35
35-44	57	4.8%	\$84,397	\$5,848,188	2	156
45-54	147	12.5%	\$100,144	\$18,285,191	2	453
55-64	353	30.0%	\$105,774	\$52,610,202	2	1,570
65-74	343	29.1%	\$114,476	\$54,761,927	3	1,675
75+	269	22.8%	\$97,626	\$37,778,997	3	1,581
Primary Payer						
Medicare	560	47.5%	\$108,942	\$84,463,403	3	2,984
Medicaid	173	14.7%	\$110,708	\$25,172,050	3	823
Commercial	290	24.6%	\$96,678	\$38,314,078	2	981
Self Pay	46	3.9%	\$102,022	\$6,381,961	2	174
Other	109	9.3%	\$95,857	\$16,317,807	2	508
Public Health Region						
Anchorage	459	39.0%	\$101,349	\$67,875,903	3	2,291
Gulf Coast	154	13.1%	\$99,044	\$20,238,490	3	774
Interior	117	9.9%	\$91,937	\$16,362,013	2	476
Mat-Su	220	18.7%	\$147,933	\$35,584,473	2	868
Northern	32	2.7%	\$81,647	\$4,217,751	2	131
Southeast	90	7.6%	\$85,524	\$10,581,065	3	443
Southwest	30	2.5%	\$108,988	\$4,097,777	4	145
Out of State	72	6.1%	\$108,715	\$10,981,521	3	331
Annual Totals						
Alaska 2019	1,178	100.0%	\$103,250	\$170,649,299	3	5,470
Alaska 2018	1,068	90.7%	\$102,260	\$149,000,555	2	4,952
Alaska 2017	1,054	89.5%	\$94,374	\$134,343,028	3	4,787

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2019 #8 LCOH at 1.8% of Inpatient Discharges:
Spondylopathies/spondyloarthropathy (including infective)

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Male	576	52.9%	\$146,020	\$98,870,515	2	2,061
Female	512	47.1%	\$158,786	\$90,413,282	3	1,949
Race						
White	877	80.6%	\$154,538	\$155,233,471	2	3,065
AI/AN	78	7.2%	\$79,828	\$8,739,505	3	299
Asian/PI	42	3.9%	\$166,335	\$8,902,852	3	286
Black	34	3.1%	\$149,730	\$5,530,648	3	195
Ethnicity						
Hispanic	31	2.8%	\$185,137	\$6,266,100	2	91
Age Group						
00-14	2	0.2%	\$108,346	\$216,693	3	6
15-24	6	0.6%	\$81,991	\$1,867,722	1	74
25-34	47	4.3%	\$135,055	\$7,356,436	2	158
35-44	114	10.5%	\$147,843	\$18,169,103	2	287
45-54	191	17.6%	\$154,226	\$30,531,626	2	576
55-64	298	27.4%	\$143,674	\$51,680,808	2	1,018
65-74	301	27.7%	\$160,806	\$55,042,091	3	1,214
75+	129	11.9%	\$154,034	\$24,419,318	3	677
Primary Payer						
Medicare	407	37.4%	\$161,513	\$76,445,851	3	1,857
Medicaid	169	15.5%	\$138,375	\$28,630,344	3	763
Commercial	300	27.6%	\$154,316	\$49,755,148	2	852
Self Pay	13	1.2%	\$52,183	\$1,072,075	2	38
Other	199	18.3%	\$143,574	\$33,380,377	2	500
Public Health Region						
Anchorage	493	45.3%	\$158,819	\$92,641,050	3	2,004
Gulf Coast	216	19.9%	\$140,451	\$33,052,326	3	717
Interior	87	8.0%	\$156,155	\$15,192,553	3	388
Mat-Su	213	19.6%	\$161,513	\$36,658,461	2	592
Northern	16	1.5%	\$71,667	\$1,707,659	2	51
Southeast	27	2.5%	\$110,658	\$3,780,796	3	80
Southwest	26	2.4%	\$82,940	\$3,479,710	3	88
Out of State	9	0.8%	\$179,915	\$2,672,356	3	87
Annual Totals						
Alaska 2019	1,088	100.0%	\$152,353	\$189,283,797	3	4,010
Alaska 2018	1,153	106.0%	\$130,204	\$175,955,468	3	4,448
Alaska 2017	1,202	110.5%	\$111,331	\$159,317,202	3	4,089

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2019 #9 LCOH at 1.8% of Inpatient Discharges:

Hypertension and hypertensive-related conditions complicating pregnancy, childbirth, and the puerperium

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Female	1,085	100.0%	\$27,124	\$38,387,836	3	3,665
Race						
White	476	43.9%	\$28,280	\$17,338,107	3	1,615
AI/AN	395	36.4%	\$23,710	\$12,588,813	3	1,279
Asian/PI	94	8.7%	\$32,420	\$4,051,335	3	353
Black	26	2.4%	\$38,545	\$948,959	4	97
Ethnicity						
Hispanic	36	3.3%	\$30,861	\$1,585,386	3	135
Age Group						
00-14	2	0.2%	\$28,064	\$56,128	3	5
15-24	259	23.9%	\$25,351	\$8,199,148	3	812
25-34	596	54.9%	\$26,391	\$21,034,950	3	2,022
35-44	223	20.6%	\$29,727	\$8,771,216	3	798
45-54	5	0.5%	\$73,351	\$326,393	6	28
Primary Payer						
Medicare	7	0.6%	\$25,239	\$201,216	2	22
Medicaid	482	44.4%	\$25,846	\$16,359,422	3	1,606
Commercial	491	45.3%	\$28,769	\$18,397,625	3	1,704
Self Pay	61	5.6%	\$23,903	\$1,806,087	3	172
Other	44	4.1%	\$29,515	\$1,623,486	3	161
Public Health Region						
Anchorage	441	40.6%	\$31,756	\$18,100,566	3	1,593
Gulf Coast	91	8.4%	\$25,556	\$3,407,526	3	332
Interior	136	12.5%	\$14,072	\$2,486,861	2	359
Mat-Su	128	11.8%	\$42,367	\$5,875,213	3	447
Northern	85	7.8%	\$24,018	\$2,549,204	3	252
Southeast	57	5.3%	\$21,395	\$1,737,234	3	216
Southwest	144	13.3%	\$20,929	\$4,115,820	3	457
Out of State	3	0.3%	\$31,285	\$115,411	3	9
Annual Totals						
Alaska 2019	1,085	100.0%	\$27,124	\$38,387,836	3	3,665
Alaska 2018	962	88.7%	\$26,015	\$31,663,268	3	3,285
Alaska 2017	971	89.5%	\$22,973	\$29,502,556	3	3,257

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2019 #10 LCOH at 1.8% of Inpatient Discharges:
Alcohol-related disorders

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
Sex						
Male	595	56.1%	\$33,656	\$29,606,269	3	3,792
Female	465	43.9%	\$28,164	\$19,905,664	3	2,479
Race						
White	409	38.6%	\$37,859	\$19,823,679	4	3,138
AI/AN	531	50.1%	\$27,359	\$23,658,886	3	2,257
Asian/PI	5	0.5%	\$22,011	\$166,769	4	16
Black	18	1.7%	\$48,683	\$1,376,383	5	235
Ethnicity						
Hispanic	20	1.9%	\$41,350	\$1,031,378	4	193
Age Group						
00-14	3	0.3%	\$3,284	\$15,811	1	3
15-24	45	4.2%	\$23,845	\$1,377,225	2	275
25-34	247	23.3%	\$26,864	\$10,067,307	3	1,295
35-44	288	27.2%	\$28,189	\$11,981,927	3	1,440
45-54	191	18.0%	\$38,580	\$9,868,328	4	1,314
55-64	206	19.4%	\$38,865	\$11,345,836	4	1,339
65-74	66	6.2%	\$39,804	\$3,724,618	4	400
75+	14	1.3%	\$69,271	\$1,130,880	8	205
Primary Payer						
Medicare	130	12.3%	\$39,479	\$6,463,378	4	907
Medicaid	596	56.2%	\$28,374	\$26,717,054	3	2,723
Commercial	115	10.8%	\$30,210	\$4,859,800	3	549
Self Pay	102	9.6%	\$31,493	\$4,609,550	3	355
Other	117	11.0%	\$48,336	\$6,862,150	9	1,737
Public Health Region						
Anchorage	466	44.0%	\$38,982	\$25,598,113	4	3,055
Gulf Coast	105	9.9%	\$32,472	\$5,015,674	4	846
Interior	67	6.3%	\$34,440	\$3,073,041	3	387
Mat-Su	53	5.0%	\$45,065	\$3,537,907	5	464
Northern	135	12.7%	\$18,455	\$3,326,544	2	331
Southeast	146	13.8%	\$20,792	\$5,032,090	4	798
Southwest	67	6.3%	\$9,242	\$2,658,236	2	248
Out of State	17	1.6%	\$43,237	\$1,150,923	5	125
Annual Totals						
Alaska 2019	1,060	100.0%	\$30,708	\$49,511,933	3	6,271
Alaska 2018	905	85.4%	\$27,398	\$39,165,771	3	5,525
Alaska 2017	871	82.2%	\$25,196	\$34,267,694	3	5,040

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HFDR INPATIENT - 2019 LCOH by Age Group

Rank	CCSR Diagnosis Category Description	Discharges	Percent
Patients Under Age 1			
1	Liveborn Infant	7,370	84.9%
2	Acute bronchitis	249	2.9%
3	Hemolytic jaundice and perinatal jaundice	124	1.4%
4	Other specified and unspecified perinatal conditions	90	1.0%
5	Perinatal infections	57	0.7%
6	Respiratory distress syndrome	51	0.6%
7	Pneumonia (except that caused by tuberculosis)	51	0.6%
8	Short gestation; low birth weight; and fetal growth retardation	47	0.5%
9	Respiratory perinatal condition	40	0.5%
10	Other specified upper respiratory infections	39	0.4%
Patients Age 1 to 17			
1	Depressive disorders	461	13.8%
2	Trauma- and stressor-related disorders	258	7.7%
3	Neurodevelopmental disorders	199	5.9%
4	Pneumonia (except that caused by tuberculosis)	145	4.3%
5	Appendicitis and other appendiceal conditions	107	3.2%
6	Suicidal ideation/attempt/intentional self-harm	106	3.2%
7	Acute bronchitis	104	3.1%
8	Asthma	101	3.0%
9	Epilepsy; convulsions	89	2.7%
10	Skin and subcutaneous tissue infections	86	2.6%
Patients Age 18 to 64			
1	Septicemia	2,099	6.7%
2	Complications specified during childbirth	1,938	6.1%
3	Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	1,070	3.4%
4	Alcohol-related disorders	968	3.1%
5	Osteoarthritis	762	2.4%
6	Depressive disorders	735	2.3%
7	Malposition, disproportion or other labor complications	729	2.3%
8	Schizophrenia spectrum and other psychotic disorders	721	2.3%
9	Previous C-section	688	2.2%
10	Spondylopathies/spondyloarthropathy (including infective)	655	2.1%
Patients Over Age 64			
1	Septicemia	1,662	10.1%
2	Osteoarthritis	996	6.0%
3	Heart failure	788	4.8%
4	Acute myocardial infarction	612	3.7%
5	Cerebral infarction	531	3.2%
6	Pneumonia (except that caused by tuberculosis)	448	2.7%
7	Cardiac dysrhythmias	434	2.6%
8	Spondylopathies/spondyloarthropathy (including infective)	430	2.6%
9	Chronic obstructive pulmonary disease and bronchiectasis	420	2.5%
10	Respiratory failure; insufficiency; arrest	402	2.4%



OUTPATIENT EMERGENCY DEPARTMENT CHAPTER

- Emergency Department Introduction
- Emergency Department Tables
 - Alaska and Regional Emergency Department (ED) Leading Cause of Visitation (LCOV)
 - Alaska 10 LCOV with Examples of Top ICD-10-CM Diagnoses
 - Top ED LCOV by Patient Demographics
 - *All Emergency Department Visits*
 - *#1 at 5.2% Other specified upper respiratory infections*
 - *#2 at 5.0% Abdominal pain and other digestive/abdomen signs and symptoms*
 - *#3 at 3.7% Nonspecific chest pain*
 - *#4 at 3.7% Superficial injury; contusion, initial encounter*
 - *#5 at 3.4% Alcohol-related disorders*
 - *#6 at 3.4% Skin and subcutaneous tissue infections*
 - *#7 at 3.3% Musculoskeletal pain, not low back pain*
 - *#8 at 3.1% Sprains and strains, initial encounter*
 - *#9 at 2.7% Respiratory signs and symptoms*
 - *#10 at 2.4% Open wounds to limbs, 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 in 2019 billed primary payers \$1.1 billion for almost 293,000 ED visits compared with \$1.0 billion for almost 292,000 ED visits in 2018.
- Overall, the number of ED visits declined by 3% in 2018 and increased less than 1% in 2019, while the billed charges increased by 7% in 2018 and 12% in 2019.
- The top 10 Outpatient ED CCSR diagnosis categories, or the leading causes of visitation (LCOV), cover 104,868 (or 35.8%) of the 292,827 total ED visits in 2019.
- There were greater than 9,000 ED visits in 2019 for each of the top 8 CCSR categories.
- Regionally, *other specified upper respiratory infections* were the LCOV in the Anchorage and Southwest Regions; *Abdominal pain and other digestive/abdomen signs and symptoms* was the LCOV in the Gulf Coast, Interior, Matanuska-Susitna, and Southeast Regions; and *alcohol-related disorders* was the LCOV in the Northern Region.
- In 2019, the LCOV with the highest percentage of female patients was *abdominal pain and other digestive/abdomen signs and symptoms* (65% of the category), and the LCOV with the highest percentages of male patients was *open wounds to limbs, initial encounter* (61% of the category).
- The two LCOV with median charges over \$3,000 were *nonspecific chest pain* (\$6,188) and *abdominal pain and other digestive/abdomen signs and symptoms* (\$4,865).
- Medicaid was the most common primary payer for outpatient ED visits covering 43% of all discharges. Medicaid was the most common primary payer for each of the 10 LCOVs with the highest percentage for *alcohol-related disorders* at 63%.
- The LCOV during 2019 for children under age 18 was *other specified upper respiratory infections*, for adults age 18 through 64 the LCOV was *abdominal pain and other digestive/abdomen signs and symptoms*, and for seniors age 65 and over the LCOV was *nonspecific chest pain*.

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HFDR EMERGENCY DEPARTMENT - 2019 Regional LCOV

Rank	CCSR Diagnosis Category Description	Discharges	Percent
All of Alaska			
1	Other specified upper respiratory infections	15,096	5.2%
2	Abdominal pain and other digestive/abdomen signs and symptoms	14,609	5.0%
3	Nonspecific chest pain	10,938	3.7%
4	Superficial injury; contusion, initial encounter	10,848	3.7%
5	Alcohol-related disorders	9,918	3.4%
6	Skin and subcutaneous tissue infections	9,862	3.4%
7	Musculoskeletal pain, not low back pain	9,597	3.3%
8	Sprains and strains, initial encounter	9,100	3.1%
9	Respiratory signs and symptoms	7,803	2.7%
10	Open wounds to limbs, initial encounter	7,097	2.4%
Anchorage Region			
1	Other specified upper respiratory infections	6,698	5.4%
2	Abdominal pain and other digestive/abdomen signs and symptoms	6,479	5.2%
3	Nonspecific chest pain	4,945	4.0%
4	Superficial injury; contusion, initial encounter	4,631	3.7%
5	Musculoskeletal pain, not low back pain	4,256	3.4%
6	Skin and subcutaneous tissue infections	4,128	3.3%
7	Sprains and strains, initial encounter	4,040	3.2%
8	Respiratory signs and symptoms	3,684	3.0%
9	Alcohol-related disorders	2,878	2.3%
10	Urinary tract infections	2,855	2.3%
Gulf Coast Region			
1	Abdominal pain and other digestive/abdomen signs and symptoms	1,314	5.4%
2	Nonspecific chest pain	1,062	4.3%
3	Superficial injury; contusion, initial encounter	1,015	4.2%
4	Open wounds to limbs, initial encounter	920	3.8%
5	Sprains and strains, initial encounter	828	3.4%
6	Other specified upper respiratory infections	799	3.3%
7	Musculoskeletal pain, not low back pain	773	3.2%
8	Skin and subcutaneous tissue infections	679	2.8%
9	Respiratory signs and symptoms	576	2.4%
10	Urinary tract infections	509	2.1%
Interior Region			
1	Abdominal pain and other digestive/abdomen signs and symptoms	1,691	5.7%
2	Sprains and strains, initial encounter	1,273	4.3%
3	Nonspecific chest pain	1,248	4.2%
4	Alcohol-related disorders	1,175	4.0%
5	Superficial injury; contusion, initial encounter	1,102	3.7%
6	Skin and subcutaneous tissue infections	974	3.3%
7	Other specified upper respiratory infections	900	3.1%
8	Musculoskeletal pain, not low back pain	766	2.6%
9	Nausea and vomiting	701	2.4%
10	Open wounds to limbs, initial encounter	697	2.4%

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HFDR EMERGENCY DEPARTMENT - 2019 Regional LCOV- Continued

Matanuska-Susitna Region			
1	Abdominal pain and other digestive/abdomen signs and symptoms	1,842	5.7%
2	Nonspecific chest pain	1,510	4.7%
3	Musculoskeletal pain, not low back pain	1,409	4.4%
4	Superficial injury; contusion, initial encounter	1,268	3.9%
5	Other specified upper respiratory infections	1,133	3.5%
6	Skin and subcutaneous tissue infections	1,034	3.2%
7	Open wounds to limbs, initial encounter	870	2.7%
8	Respiratory signs and symptoms	843	2.6%
9	Sprains and strains, initial encounter	835	2.6%
10	Urinary tract infections	791	2.5%
Northern Region			
1	Alcohol-related disorders	1,884	9.2%
2	Other specified upper respiratory infections	1,828	8.9%
3	Superficial injury; contusion, initial encounter	806	3.9%
4	Abdominal pain and other digestive/abdomen signs and symptoms	646	3.1%
5	Musculoskeletal pain, not low back pain	618	3.0%
6	Skin and subcutaneous tissue infections	519	2.5%
7	Sprains and strains, initial encounter	488	2.4%
8	Influenza	475	2.3%
9	Respiratory signs and symptoms	441	2.1%
10	Nonspecific chest pain	399	1.9%
Southeast Region			
1	Abdominal pain and other digestive/abdomen signs and symptoms	1,085	5.1%
2	Alcohol-related disorders	947	4.4%
3	Superficial injury; contusion, initial encounter	886	4.1%
4	Nonspecific chest pain	877	4.1%
5	Sprains and strains, initial encounter	844	3.9%
6	Open wounds to limbs, initial encounter	681	3.2%
7	Musculoskeletal pain, not low back pain	617	2.9%
8	Skin and subcutaneous tissue infections	610	2.8%
9	Other specified upper respiratory infections	572	2.7%
10	Urinary tract infections	441	2.1%
Southwest Region			
1	Other specified upper respiratory infections	2,897	9.2%
2	Alcohol-related disorders	1,842	5.8%
3	Skin and subcutaneous tissue infections	1,639	5.2%
4	Abdominal pain and other digestive/abdomen signs and symptoms	1,211	3.8%
5	Respiratory signs and symptoms	1,016	3.2%
6	Musculoskeletal pain, not low back pain	927	2.9%
7	Urinary tract infections	773	2.4%
8	Superficial injury; contusion, initial encounter	768	2.4%
9	Otitis media	706	2.2%
10	Nonspecific chest pain	656	2.1%

Alaska Health Facilities Data Reporting Program 2019 Annual Report

2019 Emergency Department LCOV with Examples of Diagnoses

CCSR Rank	CCSR Description	ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Other specified upper respiratory infections	1	Acute upper respiratory infection, unspecified	7,603
		2	Acute pharyngitis, unspecified	3,465
		3	Streptococcal pharyngitis	2,308
2	Abdominal pain and other digestive/abdomen signs and symptoms	1	Unspecified abdominal pain	4,175
		2	Epigastric pain	1,921
		3	Right lower quadrant pain	1,447
3	Nonspecific chest pain	1	Chest pain, unspecified	6,001
		2	Other chest pain	4,693
		3	Precordial pain	244
4	Superficial injury; contusion, initial encounter	1	Contusion of other part of head, initial encounter	805
		2	Contusion of scalp, initial encounter	501
		3	Contusion of right hand, initial encounter	398
5	Alcohol-related disorders	1	Alcohol abuse with intoxication, unspecified	3,887
		2	Alcohol dependence with withdrawal, unspecified	1,816
		3	Alcohol abuse, uncomplicated	999
6	Skin and subcutaneous tissue infections	1	Cellulitis of right lower limb	1,031
		2	Cellulitis of left lower limb	1,028
		3	Impetigo, unspecified	569
7	Musculoskeletal pain, not low back pain	1	Pain in left knee	803
		2	Pain in right knee	802
		3	Dorsalgia, unspecified	742
8	Sprains and strains, initial encounter	1	Strain of muscle, fascia and tendon of lower back, initial encounter	1,236
		2	Strain of muscle, fascia and tendon at neck level, initial encounter	1,198
		3	Sprain of unspecified ligament of right ankle, initial encounter	814
9	Respiratory signs and symptoms	1	Cough	2,781
		2	Shortness of breath	1,100
		3	Epistaxis	977
10	Open wounds to limbs, initial encounter	1	Laceration without foreign body of left hand, initial encounter	454
		2	Laceration without foreign body of left index finger without damage to nail, initial encounter	452
		3	Laceration without foreign body of right hand, initial encounter	388

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2019 100% of Emergency Department Visits:
All Emergency Department Visits

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	134,035	45.8%	\$2,250	\$510,250,880
Female	158,771	54.2%	\$2,480	\$621,662,477
Race				
White	123,785	42.3%	\$2,942	\$553,570,765
AI/AN	114,890	39.2%	\$1,973	\$375,830,966
Asian/PI	18,902	6.5%	\$2,382	\$73,319,785
Black	13,286	4.5%	\$2,497	\$52,682,690
Ethnicity				
Hispanic	12,233	4.2%	\$2,424	\$47,272,490
Age Group				
00-14	50,731	17.3%	\$1,477	\$102,180,448
15-24	38,962	13.3%	\$2,185	\$128,185,583
25-34	53,536	18.3%	\$2,413	\$197,177,544
35-44	39,905	13.6%	\$2,657	\$163,733,115
45-54	33,975	11.6%	\$2,952	\$152,761,987
55-64	34,431	11.8%	\$3,257	\$166,442,583
65-74	24,265	8.3%	\$3,761	\$125,567,774
75+	17,000	5.8%	\$4,563	\$95,870,724
Primary Payer				
Medicare	46,255	15.8%	\$3,882	\$239,667,762
Medicaid	125,134	42.7%	\$2,123	\$431,262,687
Commercial	66,396	22.7%	\$2,502	\$264,863,305
Self Pay	29,411	10.0%	\$2,184	\$103,486,055
Other	25,627	8.8%	\$2,027	\$92,737,019
Public Health Region				
Anchorage	124,746	42.6%	\$2,763	\$540,278,037
Gulf Coast	24,451	8.3%	\$2,618	\$99,691,863
Interior	29,437	10.1%	\$2,181	\$88,098,129
Mat-Su	32,192	11.0%	\$3,464	\$163,369,915
Northern	20,521	7.0%	\$1,318	\$49,747,538
Southeast	21,479	7.3%	\$1,680	\$68,904,250
Southwest	31,603	10.8%	\$1,753	\$87,101,260
Out of State	7,771	2.7%	\$2,526	\$32,461,191
Annual Totals				
Alaska 2019	292,827	100.0%	\$2,386	\$1,132,023,276
Alaska 2018	291,605	99.6%	\$2,138	\$1,014,262,461
Alaska 2017	302,149	103.2%	\$1,932	\$949,321,034

Alaska Health Facilities Data Reporting Program 2019 Annual Report

2019 #1 LCOV at 5.2% of Emergency Department Visits:
Other specified upper respiratory infections

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	6,458	42.8%	\$1,477	\$12,101,094
Female	8,637	57.2%	\$1,469	\$16,220,056
Race				
White	3,723	24.7%	\$1,635	\$8,156,975
AI/AN	7,690	50.9%	\$1,400	\$13,018,759
Asian/PI	1,422	9.4%	\$1,503	\$2,954,408
Black	670	4.4%	\$1,674	\$1,397,401
Ethnicity				
Hispanic	665	4.4%	\$1,588	\$1,385,911
Age Group				
00-14	7,121	47.2%	\$1,400	\$11,752,988
15-24	2,286	15.1%	\$1,477	\$4,093,340
25-34	2,374	15.7%	\$1,513	\$4,615,295
35-44	1,275	8.4%	\$1,611	\$2,727,007
45-54	816	5.4%	\$1,595	\$1,837,489
55-64	653	4.3%	\$1,693	\$1,581,336
65-74	362	2.4%	\$1,892	\$1,062,842
75+	209	1.4%	\$2,155	\$652,169
Primary Payer				
Medicare	709	4.7%	\$2,029	\$2,082,593
Medicaid	7,986	52.9%	\$1,525	\$14,872,730
Commercial	3,447	22.8%	\$1,400	\$6,199,537
Self Pay	1,778	11.8%	\$1,380	\$3,166,529
Other	1,176	7.8%	\$1,400	\$2,001,077
Public Health Region				
Anchorage	6,698	44.4%	\$1,537	\$14,000,340
Gulf Coast	799	5.3%	\$1,320	\$1,429,052
Interior	900	6.0%	\$1,449	\$1,513,059
Mat-Su	1,133	7.5%	\$1,655	\$2,689,937
Northern	1,828	12.1%	\$1,168	\$2,529,036
Southeast	572	3.8%	\$1,047	\$784,243
Southwest	2,897	19.2%	\$1,531	\$4,822,596
Out of State	257	1.7%	\$1,513	\$526,438
Annual Totals				
Alaska 2019	15,096	100.0%	\$1,473	\$28,322,466
Alaska 2018	14,512	96.1%	\$1,336	\$24,004,186
Alaska 2017	15,749	104.3%	\$1,287	\$24,065,607

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2019 #2 LCOV at 5.0% of Emergency Department Visits:
Abdominal pain and other digestive/abdomen signs and symptoms

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	5,088	34.8%	\$4,764	\$29,242,070
Female	9,521	65.2%	\$4,914	\$56,292,252
Race				
White	6,660	45.6%	\$5,410	\$41,807,717
AI/AN	5,379	36.8%	\$4,225	\$28,480,453
Asian/PI	897	6.1%	\$5,180	\$5,544,242
Black	689	4.7%	\$5,070	\$4,208,165
Ethnicity				
Hispanic	780	5.3%	\$4,831	\$4,473,782
Age Group				
00-14	1,650	11.3%	\$2,345	\$4,858,931
15-24	2,275	15.6%	\$4,266	\$11,500,608
25-34	3,027	20.7%	\$4,860	\$17,811,730
35-44	2,396	16.4%	\$5,322	\$14,923,510
45-54	1,868	12.8%	\$5,853	\$12,668,983
55-64	1,668	11.4%	\$6,246	\$11,796,902
65-74	1,085	7.4%	\$5,958	\$7,471,725
75+	640	4.4%	\$6,573	\$4,501,933
Primary Payer				
Medicare	2,105	14.4%	\$6,080	\$14,549,550
Medicaid	5,911	40.5%	\$4,449	\$32,367,009
Commercial	4,055	27.8%	\$5,022	\$24,324,289
Self Pay	1,463	10.0%	\$4,714	\$8,595,522
Other	1,075	7.4%	\$4,528	\$5,697,952
Public Health Region				
Anchorage	6,479	44.3%	\$5,471	\$44,187,344
Gulf Coast	1,314	9.0%	\$4,683	\$7,395,145
Interior	1,691	11.6%	\$4,171	\$7,214,521
Mat-Su	1,842	12.6%	\$6,239	\$12,361,720
Northern	646	4.4%	\$2,783	\$2,707,788
Southeast	1,085	7.4%	\$2,871	\$4,537,154
Southwest	1,211	8.3%	\$3,179	\$5,264,225
Out of State	322	2.2%	\$4,857	\$1,783,637
Annual Totals				
Alaska 2019	14,609	100.0%	\$4,865	\$85,534,322
Alaska 2018	15,813	108.2%	\$4,377	\$84,129,793
Alaska 2017	16,194	110.8%	\$4,019	\$79,435,838

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2019 #3 LCOV at 3.7% of Emergency Department Visits:
Nonspecific chest pain

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	5,096	46.6%	\$6,080	\$32,709,687
Female	5,842	53.4%	\$6,267	\$38,500,042
Race				
White	5,684	52.0%	\$6,202	\$38,197,825
AI/AN	3,327	30.4%	\$5,899	\$20,511,039
Asian/PI	738	6.7%	\$6,591	\$4,992,372
Black	584	5.3%	\$6,601	\$4,014,347
Ethnicity				
Hispanic	434	4.0%	\$6,488	\$2,903,512
Age Group				
00-14	217	2.0%	\$2,595	\$685,516
15-24	945	8.6%	\$4,650	\$4,674,087
25-34	1,620	14.8%	\$5,572	\$9,230,264
35-44	1,749	16.0%	\$6,475	\$11,294,412
45-54	1,924	17.6%	\$6,561	\$13,512,283
55-64	2,115	19.3%	\$6,667	\$14,906,014
65-74	1,453	13.3%	\$6,731	\$10,575,952
75+	915	8.4%	\$6,507	\$6,331,201
Primary Payer				
Medicare	2,572	23.5%	\$6,579	\$18,372,351
Medicaid	3,425	31.3%	\$5,970	\$21,683,063
Commercial	3,129	28.6%	\$6,102	\$19,852,886
Self Pay	917	8.4%	\$6,557	\$6,001,129
Other	895	8.2%	\$5,330	\$5,300,299
Public Health Region				
Anchorage	4,945	45.2%	\$7,083	\$37,026,098
Gulf Coast	1,062	9.7%	\$5,284	\$6,557,788
Interior	1,248	11.4%	\$4,712	\$6,005,985
Mat-Su	1,510	13.8%	\$6,544	\$11,475,197
Northern	399	3.6%	\$3,216	\$1,755,573
Southeast	877	8.0%	\$3,020	\$3,626,720
Southwest	656	6.0%	\$4,493	\$3,219,050
Out of State	225	2.1%	\$5,840	\$1,434,606
Annual Totals				
Alaska 2019	10,938	100.0%	\$6,188	\$71,209,729
Alaska 2018	11,244	102.8%	\$5,643	\$67,672,615
Alaska 2017	11,082	101.3%	\$5,202	\$61,801,235

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2019 #4 LCOV at 3.7% of Emergency Department Visits:
Superficial injury, contusion, initial encounter

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	5,443	50.2%	\$1,786	\$16,358,685
Female	5,404	49.8%	\$1,909	\$17,068,117
Race				
White	4,969	45.8%	\$1,927	\$16,252,642
AI/AN	3,907	36.0%	\$1,777	\$11,186,934
Asian/PI	553	5.1%	\$1,933	\$1,736,558
Black	492	4.5%	\$2,053	\$1,578,165
Ethnicity				
Hispanic	452	4.2%	\$1,851	\$1,384,506
Age Group				
00-14	2,277	21.0%	\$1,297	\$3,746,735
15-24	1,723	15.9%	\$1,839	\$4,936,176
25-34	1,796	16.6%	\$1,908	\$5,558,541
35-44	1,327	12.2%	\$2,034	\$4,685,621
45-54	1,186	10.9%	\$2,074	\$4,284,434
55-64	1,107	10.2%	\$2,103	\$4,062,669
65-74	797	7.3%	\$2,523	\$3,150,362
75+	634	5.8%	\$3,330	\$2,992,438
Primary Payer				
Medicare	1,561	14.4%	\$2,713	\$6,484,622
Medicaid	4,439	40.9%	\$1,776	\$12,874,691
Commercial	2,438	22.5%	\$1,697	\$7,187,662
Self Pay	1,060	9.8%	\$1,869	\$2,964,402
Other	1,349	12.4%	\$1,690	\$3,919,338
Public Health Region				
Anchorage	4,631	42.7%	\$2,096	\$16,346,734
Gulf Coast	1,015	9.4%	\$1,705	\$2,979,822
Interior	1,102	10.2%	\$1,485	\$2,329,687
Mat-Su	1,268	11.7%	\$1,988	\$4,652,038
Northern	806	7.4%	\$1,231	\$1,664,397
Southeast	886	8.2%	\$1,165	\$2,158,954
Southwest	768	7.1%	\$1,676	\$2,174,202
Out of State	342	3.2%	\$1,801	\$1,075,500
Annual Totals				
Alaska 2019	10,848	100.0%	\$1,857	\$33,432,878
Alaska 2018	11,191	103.2%	\$1,703	\$30,778,801
Alaska 2017	11,700	107.9%	\$1,580	\$29,415,515

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2019 #5 LCOV at 3.4% of Emergency Department Visits:
Alcohol-related disorders

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	5,385	54.3%	\$2,452	\$19,547,560
Female	4,530	45.7%	\$3,148	\$18,468,900
Race				
White	1,739	17.5%	\$4,121	\$8,381,857
AI/AN	7,232	72.9%	\$2,452	\$25,529,867
Asian/PI	49	0.5%	\$4,387	\$258,225
Black	88	0.9%	\$3,525	\$402,443
Ethnicity				
Hispanic	173	1.7%	\$3,762	\$790,405
Age Group				
00-14	29	0.3%	\$2,674	\$90,110
15-24	951	9.6%	\$2,262	\$2,955,033
25-34	2,773	28.0%	\$2,835	\$10,716,639
35-44	2,291	23.1%	\$3,069	\$9,234,576
45-54	1,796	18.1%	\$2,907	\$7,307,225
55-64	1,492	15.0%	\$2,564	\$5,739,828
65-74	488	4.9%	\$2,405	\$1,700,208
75+	95	1.0%	\$1,242	\$279,272
Primary Payer				
Medicare	846	8.5%	\$2,472	\$3,076,231
Medicaid	6,271	63.2%	\$2,710	\$23,995,309
Commercial	822	8.3%	\$3,322	\$3,277,001
Self Pay	1,084	10.9%	\$3,358	\$4,741,103
Other	895	9.0%	\$1,904	\$2,949,717
Public Health Region				
Anchorage	2,878	29.0%	\$5,304	\$17,199,218
Gulf Coast	471	4.7%	\$4,122	\$2,191,945
Interior	1,175	11.8%	\$2,325	\$3,032,474
Mat-Su	592	6.0%	\$4,994	\$3,695,735
Northern	1,884	19.0%	\$997	\$4,096,997
Southeast	947	9.5%	\$1,206	\$2,079,157
Southwest	1,842	18.6%	\$1,569	\$5,133,005
Out of State	111	1.1%	\$3,770	\$567,555
Annual Totals				
Alaska 2019	9,918	100.0%	\$2,718	\$38,039,360
Alaska 2018	10,002	100.8%	\$1,700	\$28,489,133
Alaska 2017	9,860	99.4%	\$1,608	\$26,156,664

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2019 #6 LCOV at 3.4% of Emergency Department Visits:
Skin and subcutaneous tissue infections

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	5,513	55.9%	\$1,640	\$14,176,989
Female	4,349	44.1%	\$1,586	\$10,560,768
Race				
White	4,261	43.2%	\$1,868	\$12,143,870
AI/AN	4,179	42.4%	\$1,531	\$8,995,355
Asian/PI	437	4.4%	\$1,725	\$1,168,709
Black	344	3.5%	\$1,784	\$955,123
Ethnicity				
Hispanic	313	3.2%	\$1,675	\$760,849
Age Group				
00-14	1,385	14.0%	\$1,350	\$2,249,904
15-24	1,084	11.0%	\$1,576	\$2,340,391
25-34	2,199	22.3%	\$1,655	\$5,410,519
35-44	1,774	18.0%	\$1,721	\$4,755,793
45-54	1,278	13.0%	\$1,834	\$3,643,387
55-64	1,167	11.8%	\$1,933	\$3,455,063
65-74	619	6.3%	\$1,783	\$1,770,150
75+	355	3.6%	\$2,006	\$1,109,598
Primary Payer				
Medicare	1,189	12.1%	\$1,931	\$3,590,550
Medicaid	5,088	51.6%	\$1,601	\$12,425,816
Commercial	1,738	17.6%	\$1,595	\$4,273,208
Self Pay	1,126	11.4%	\$1,628	\$2,836,085
Other	721	7.3%	\$1,440	\$1,612,099
Public Health Region				
Anchorage	4,128	41.9%	\$1,867	\$12,173,463
Gulf Coast	679	6.9%	\$1,771	\$1,766,722
Interior	974	9.9%	\$1,576	\$1,963,580
Mat-Su	1,034	10.5%	\$2,119	\$3,190,843
Northern	519	5.3%	\$1,073	\$833,477
Southeast	610	6.2%	\$1,244	\$1,172,654
Southwest	1,639	16.6%	\$1,531	\$3,013,194
Out of State	266	2.7%	\$1,711	\$590,502
Annual Totals				
Alaska 2019	9,862	100.0%	\$1,609	\$24,737,758
Alaska 2018	9,995	101.3%	\$1,510	\$22,188,181
Alaska 2017	10,782	109.3%	\$1,403	\$22,433,006

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2019 #7 LCOV at 3.3% of Emergency Department Visits:
Musculoskeletal pain, not low back pain

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	4,379	45.6%	\$1,982	\$12,523,476
Female	5,218	54.4%	\$2,081	\$15,784,156
Race				
White	3,947	41.1%	\$2,174	\$13,078,398
AI/AN	4,076	42.5%	\$1,926	\$10,572,823
Asian/PI	527	5.5%	\$2,152	\$1,721,632
Black	472	4.9%	\$2,118	\$1,344,355
Ethnicity				
Hispanic	341	3.6%	\$2,084	\$994,557
Age Group				
00-14	809	8.4%	\$1,956	\$1,725,847
15-24	1,056	11.0%	\$1,921	\$2,683,947
25-34	1,593	16.6%	\$1,919	\$4,173,312
35-44	1,500	15.6%	\$2,025	\$4,209,380
45-54	1,532	16.0%	\$2,037	\$4,496,565
55-64	1,516	15.8%	\$2,115	\$4,912,240
65-74	974	10.1%	\$2,453	\$3,494,099
75+	617	6.4%	\$2,924	\$2,612,243
Primary Payer				
Medicare	1,900	19.8%	\$2,470	\$6,980,056
Medicaid	4,033	42.0%	\$1,961	\$10,631,447
Commercial	1,875	19.5%	\$2,073	\$5,646,380
Self Pay	970	10.1%	\$2,003	\$2,633,090
Other	819	8.5%	\$1,866	\$2,416,660
Public Health Region				
Anchorage	4,256	44.3%	\$2,210	\$13,770,834
Gulf Coast	773	8.1%	\$2,012	\$2,155,036
Interior	766	8.0%	\$1,599	\$1,657,426
Mat-Su	1,409	14.7%	\$2,414	\$5,306,162
Northern	618	6.4%	\$1,231	\$1,083,452
Southeast	617	6.4%	\$1,359	\$1,453,166
Southwest	927	9.7%	\$1,842	\$2,158,951
Out of State	213	2.2%	\$2,162	\$664,196
Annual Totals				
Alaska 2019	9,597	100.0%	\$2,048	\$28,307,632
Alaska 2018	9,630	100.3%	\$1,892	\$25,791,467
Alaska 2017	9,856	102.7%	\$1,783	\$23,606,464

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2019 #8 LCOV at 3.1% of Emergency Department Visits:
Sprains and strains, initial encounter

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	4,200	46.2%	\$1,910	\$10,998,744
Female	4,900	53.8%	\$1,983	\$13,130,062
Race				
White	4,536	49.8%	\$1,962	\$12,786,811
AI/AN	2,449	26.9%	\$1,909	\$5,621,175
Asian/PI	708	7.8%	\$2,074	\$1,855,711
Black	645	7.1%	\$2,074	\$1,924,050
Ethnicity				
Hispanic	516	5.7%	\$2,068	\$1,511,990
Age Group				
00-14	1,050	11.5%	\$1,877	\$2,110,014
15-24	1,676	18.4%	\$1,909	\$3,894,807
25-34	1,921	21.1%	\$1,905	\$4,975,993
35-44	1,485	16.3%	\$1,922	\$3,909,262
45-54	1,178	12.9%	\$2,055	\$3,377,974
55-64	996	10.9%	\$2,074	\$2,997,555
65-74	533	5.9%	\$2,096	\$1,812,655
75+	261	2.9%	\$2,661	\$1,050,546
Primary Payer				
Medicare	889	9.8%	\$2,126	\$2,923,915
Medicaid	3,317	36.5%	\$1,979	\$8,476,854
Commercial	2,656	29.2%	\$1,911	\$6,898,680
Self Pay	856	9.4%	\$2,053	\$2,220,135
Other	1,382	15.2%	\$1,698	\$3,609,221
Public Health Region				
Anchorage	4,040	44.4%	\$2,167	\$12,642,510
Gulf Coast	828	9.1%	\$1,950	\$2,269,242
Interior	1,273	14.0%	\$1,476	\$2,385,781
Mat-Su	835	9.2%	\$2,154	\$2,753,710
Northern	488	5.4%	\$1,329	\$800,387
Southeast	844	9.3%	\$1,167	\$1,440,990
Southwest	444	4.9%	\$1,788	\$923,252
Out of State	325	3.6%	\$1,938	\$870,488
Annual Totals				
Alaska 2019	9,100	100.0%	\$1,957	\$24,128,806
Alaska 2018	9,757	107.2%	\$1,800	\$23,181,131
Alaska 2017	10,383	114.1%	\$1,706	\$23,070,318

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2019 #9 LCOV at 2.7% of Emergency Department Visits:
Respiratory signs and symptoms

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	3,621	46.4%	\$2,311	\$13,536,613
Female	4,182	53.6%	\$2,452	\$16,056,205
Race				
White	2,691	34.5%	\$3,169	\$11,917,417
AI/AN	3,768	48.3%	\$2,090	\$12,837,273
Asian/PI	588	7.5%	\$2,326	\$2,232,540
Black	290	3.7%	\$2,417	\$1,128,416
Ethnicity				
Hispanic	262	3.4%	\$2,173	\$950,558
Age Group				
00-14	1,730	22.2%	\$1,531	\$3,391,326
15-24	813	10.4%	\$1,944	\$2,483,896
25-34	951	12.2%	\$2,218	\$3,232,550
35-44	798	10.2%	\$2,851	\$3,323,294
45-54	836	10.7%	\$3,461	\$3,889,211
55-64	1,025	13.1%	\$3,633	\$5,011,697
65-74	883	11.3%	\$3,803	\$4,295,494
75+	767	9.8%	\$4,646	\$3,965,351
Primary Payer				
Medicare	1,726	22.1%	\$4,175	\$8,603,568
Medicaid	3,293	42.2%	\$2,095	\$10,849,072
Commercial	1,497	19.2%	\$2,414	\$5,787,377
Self Pay	792	10.1%	\$2,063	\$2,520,653
Other	495	6.3%	\$2,073	\$1,832,149
Public Health Region				
Anchorage	3,684	47.2%	\$2,626	\$15,208,563
Gulf Coast	576	7.4%	\$3,395	\$2,534,119
Interior	685	8.8%	\$1,969	\$1,886,717
Mat-Su	843	10.8%	\$3,520	\$4,204,957
Northern	441	5.7%	\$1,231	\$1,105,442
Southeast	398	5.1%	\$2,011	\$1,148,442
Southwest	1,016	13.0%	\$2,034	\$2,927,270
Out of State	153	2.0%	\$2,261	\$558,925
Annual Totals				
Alaska 2019	7,803	100.0%	\$2,401	\$29,592,819
Alaska 2018	7,480	95.9%	\$2,119	\$25,888,008
Alaska 2017	7,598	97.4%	\$1,916	\$23,293,013

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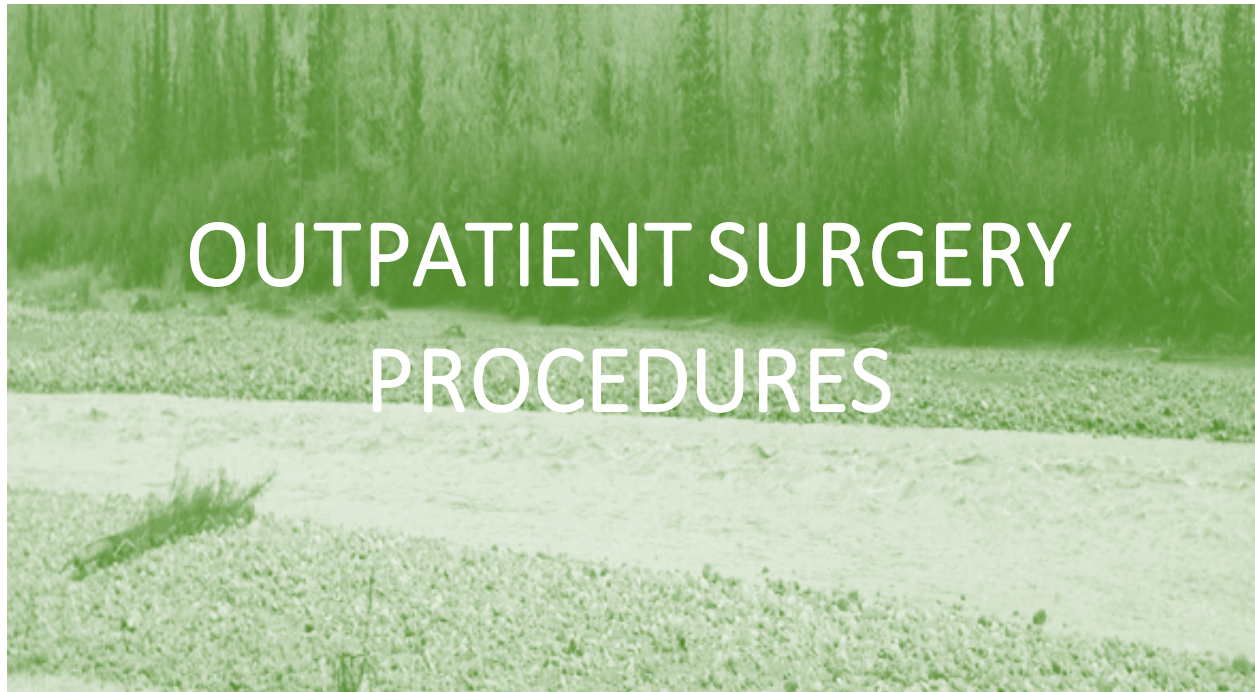
2019 #10 LCOV at 2.4% of Emergency Department Visits:
Open wounds to limbs, initial encounter

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	4,326	61.0%	\$1,626	\$9,574,677
Female	2,770	39.0%	\$1,555	\$5,665,185
Race				
White	3,839	54.1%	\$1,635	\$8,244,185
AI/AN	2,143	30.2%	\$1,531	\$4,408,359
Asian/PI	350	4.9%	\$1,656	\$787,553
Black	241	3.4%	\$1,742	\$668,373
Ethnicity				
Hispanic	303	4.3%	\$1,504	\$689,425
Age Group				
00-14	1,045	14.7%	\$1,402	\$1,822,209
15-24	1,279	18.0%	\$1,569	\$2,824,641
25-34	1,573	22.2%	\$1,630	\$3,474,306
35-44	1,037	14.6%	\$1,643	\$2,198,164
45-54	801	11.3%	\$1,648	\$1,872,597
55-64	677	9.5%	\$1,569	\$1,421,412
65-74	453	6.4%	\$1,659	\$996,820
75+	232	3.3%	\$1,818	\$631,524
Primary Payer				
Medicare	696	9.8%	\$1,670	\$1,685,145
Medicaid	2,400	33.8%	\$1,646	\$5,446,663
Commercial	1,896	26.7%	\$1,504	\$3,816,539
Self Pay	813	11.5%	\$1,682	\$1,806,549
Other	1,292	18.2%	\$1,492	\$2,486,777
Public Health Region				
Anchorage	2,722	38.4%	\$1,805	\$6,760,493
Gulf Coast	920	13.0%	\$1,620	\$1,749,165
Interior	697	9.8%	\$1,449	\$1,094,523
Mat-Su	870	12.3%	\$2,556	\$2,613,420
Northern	386	5.4%	\$1,158	\$668,966
Southeast	681	9.6%	\$954	\$888,891
Southwest	488	6.9%	\$1,510	\$845,247
Out of State	312	4.4%	\$1,525	\$595,926
Annual Totals				
Alaska 2019	7,097	100.0%	\$1,597	\$15,241,673
Alaska 2018	6,929	97.6%	\$1,469	\$13,303,760
Alaska 2017	7,270	102.4%	\$1,382	\$13,075,926

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HFDR EMERGENCY DEPARTMENT - 2019 LCOV by Age Group

Rank	CCSR Diagnosis Category Description	Discharges	Percent
Patients Under Age 1			
1	Other specified upper respiratory infections	1,264	16.0%
2	Fever	767	9.7%
3	Acute bronchitis	674	8.5%
4	Otitis media	488	6.2%
5	Respiratory signs and symptoms	475	6.0%
6	Influenza	322	4.1%
7	Viral infection	311	3.9%
8	Nausea and vomiting	270	3.4%
9	Other general signs and symptoms	202	2.6%
10	Pneumonia (except that caused by tuberculosis)	182	2.3%
Patients Age 1 to 17			
1	Other specified upper respiratory infections	6,438	12.6%
2	Superficial injury; contusion, initial encounter	2,577	5.0%
3	Influenza	2,428	4.8%
4	Otitis media	2,211	4.3%
5	Abdominal pain and other digestive/abdomen signs and symptoms	1,965	3.8%
6	Open wounds of head and neck, initial encounter	1,784	3.5%
7	Fever	1,750	3.4%
8	Sprains and strains, initial encounter	1,606	3.1%
9	Viral infection	1,468	2.9%
10	Skin and subcutaneous tissue infections	1,462	2.9%
Patients Age 18 to 64			
1	Abdominal pain and other digestive/abdomen signs and symptoms	10,772	5.6%
2	Alcohol-related disorders	9,175	4.8%
3	Nonspecific chest pain	8,175	4.2%
4	Skin and subcutaneous tissue infections	7,296	3.8%
5	Musculoskeletal pain, not low back pain	6,932	3.6%
6	Other specified upper respiratory infections	6,823	3.5%
7	Sprains and strains, initial encounter	6,699	3.5%
8	Superficial injury; contusion, initial encounter	6,680	3.5%
9	Open wounds to limbs, initial encounter	5,110	2.7%
10	Headache; including migraine	4,402	2.3%
Patients Over Age 64			
1	Nonspecific chest pain	2,368	5.7%
2	Abdominal pain and other digestive/abdomen signs and symptoms	1,725	4.2%
3	Respiratory signs and symptoms	1,650	4.0%
4	Musculoskeletal pain, not low back pain	1,591	3.9%
5	Urinary tract infections	1,460	3.5%
6	Superficial injury; contusion, initial encounter	1,432	3.5%
7	Chronic obstructive pulmonary disease and bronchiectasis	1,140	2.8%
8	Skin and subcutaneous tissue infections	975	2.4%
9	Cardiac dysrhythmias	831	2.0%
10	General sensation/perception signs and symptoms	823	2.0%



OUTPATIENT SURGERY PROCEDURES CHAPTER

- Outpatient Surgery Introduction
- Outpatient Surgery Tables
 - Alaska and Regional Top 10 Broad Current Procedural Terminology (CPT) Code Categories
 - Alaska and Regional Top 10 Narrow CPT Code Categories
 - Alaska Top 10 Narrow CPT Categories with Examples of Top Procedures
 - Top 10 Narrow CPT Categories of Procedures by Patient Demographics
 - All Outpatient Surgery Procedures
 - #1 at 11.6% Surgical Procedures on the Rectum
 - #2 at 8.3% Surgical Procedures on Peripheral Nerves
 - #3 at 5.7% Surgical Procedures on the Esophagus
 - #4 at 5.0% General Surgical Procedures on the Musculoskeletal System
 - #5 at 4.7% Surgical Repair (Closure) Procedures on the Integumentary System
 - #6 at 4.5% Surgical Procedures on the Anterior Segment of the Eye
 - #7 at 4.3% Surgical Procedures on the Skin, Subcutaneous and Accessory Structures
 - #8 at 4.1% Surgical Procedures on the Bladder
 - #9 at 4.1% Endoscopy/Arthroscopy Procedures on the Musculoskeletal System
 - #10 at 3.9% Application of Casts and Strapping
 - Alaska Top 10 Narrow CPT Categories by Age Group

Outpatient Surgery Introduction

Outpatient Surgery Data Notes

The American Medical Association's (AMA) *Current Procedural Terminology*[™] (CPT) is the industry standard for coding medical procedures. An outpatient bill might have no surgery CPT codes in its itemized list, one, or many. For the tables in this section, the surgery CPT codes were grouped in both a broad way and a narrow way. The ten demographic tables show only the narrow top 10 groupings. For this analysis, all outpatient billing records were searched for listings of surgery CPT codes, and each surgery procedure listed is counted, with the following exception: Outpatient bills with a Surgery CPT code, 10004 through 69990, were selected, except the CPT codes identified as Collection of Venous Blood by Venipuncture, 36000 through 36598. The removed range falls within the Broad CPT category, *Surgical Procedures on the Cardiovascular System*, and the Narrow CPT category, *Surgical procedures on Arteries and Veins*. The 2019 total of 485,891 itemized Surgery CPT codings was reduced to 170,957 procedures after removing these procedures.

The outpatient Surgery CPT procedures are from the ambulatory surgery center (ASC) billing records and from *all* of the outpatient hospital discharge records, including outpatient emergency department discharges.

On each of the eleven demographic tables, 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, 4.2% of the surgery procedure listings, 7,178, do not have an associated billed dollar amount. In addition to the Procedure 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 \$863.5 million for over 170,000 surgery procedures in 2019.
- Overall, the number of surgery procedure listings increased 4% in 2018 and 3% in 2019, and the billed charges increased by 6% in 2018 and 4% in 2019.
- The top 10 Outpatient Surgery Broad CPT Categories covered 164,254 (96.1%) of the 170,957 procedures listed on outpatient bills in 2019, while the top 10 Outpatient Surgery Narrow CPT Categories covered 95,801 (56.0%).
- *Surgical procedures on the rectum* were the first or second leading narrow CPT category for each region and represent 11.6% of the outpatient surgery procedures statewide.
- The category with the highest percentage of female patients was *General Surgical Procedures on the Musculoskeletal System* (59% of those procedures), and the category with the highest percentages of male patients was *Surgical Procedures on the Bladder* at 67%.
- The top 10 categories with median charges over \$3,000 were *Endoscopy/Arthroscopy Procedures on the Musculoskeletal System* (\$13,176) and *Surgical Procedures on the Anterior Segment of the Eye* (\$3,463).
- Commercial Insurers were the most common expected primary payers for outpatient surgery procedures, billed for 35% of procedures, followed by Medicare (27%), and Medicaid (19%). The median procedure charge was \$2,938 to Commercial Insurers, \$2,511 to Medicaid, and \$1,500 to Medicare.

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- The leading outpatient surgical procedures during 2019 for children under age 18 were *Surgical Procedures on the Dentoalveolar Structures*, and *Surgical Procedures on the Rectum* for adults age 18 through 64 as well as seniors age 65 and over.

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HFDR OUTPATIENT SURGERY - 2019 Regional Top 10 Broad CPT Code Categories

Rank	CPT Code Category Description	Procedures	Percent
All of Alaska			
1	Surgical Procedures on the Digestive System	40,583	23.7%
2	Surgical Procedures on the Musculoskeletal System	36,854	21.6%
3	Surgical Procedures on the Integumentary System	28,400	16.6%
4	Surgical Procedures on the Nervous System	18,750	11.0%
5	Surgical Procedures on the Eye and Ocular Adnexa	9,796	5.7%
6	Surgical Procedures on the Urinary System	7,635	4.5%
7	Surgical Procedures on the Respiratory System	6,823	4.0%
8	Surgical Procedures on the Female Genital System	5,867	3.4%
9	Surgical Procedures for Maternity Care and Delivery	5,647	3.3%
10	Surgical Procedures on the Auditory System	3,899	2.3%
Anchorage Region			
1	Surgical Procedures on the Digestive System	18,578	25.5%
2	Surgical Procedures on the Musculoskeletal System	15,201	20.9%
3	Surgical Procedures on the Integumentary System	11,291	15.5%
4	Surgical Procedures on the Nervous System	7,898	10.8%
5	Surgical Procedures on the Eye and Ocular Adnexa	4,625	6.4%
6	Surgical Procedures on the Female Genital System	2,927	4.0%
7	Surgical Procedures on the Respiratory System	2,915	4.0%
8	Surgical Procedures on the Urinary System	2,811	3.9%
9	Surgical Procedures for Maternity Care and Delivery	2,075	2.8%
10	Surgical Procedures on the Auditory System	1,476	2.0%
Gulf Coast Region			
1	Surgical Procedures on the Musculoskeletal System	6,358	23.8%
2	Surgical Procedures on the Integumentary System	6,151	23.0%
3	Surgical Procedures on the Digestive System	5,007	18.8%
4	Surgical Procedures on the Nervous System	2,902	10.9%
5	Surgical Procedures on the Eye and Ocular Adnexa	1,427	5.3%
6	Surgical Procedures on the Urinary System	1,415	5.3%
7	Surgical Procedures on the Female Genital System	771	2.9%
8	Surgical Procedures on the Respiratory System	759	2.8%
9	Surgical Procedures for Maternity Care and Delivery	605	2.3%
10	Surgical Procedures on the Cardiovascular System	368	1.4%
Interior Region			
1	Surgical Procedures on the Digestive System	4,859	30.5%
2	Surgical Procedures on the Musculoskeletal System	3,543	22.2%
3	Surgical Procedures on the Nervous System	2,127	13.4%
4	Surgical Procedures on the Integumentary System	1,109	7.0%
5	Surgical Procedures on the Respiratory System	1,013	6.4%
6	Surgical Procedures on the Eye and Ocular Adnexa	1,001	6.3%
7	Surgical Procedures on the Urinary System	737	4.6%
8	Surgical Procedures on the Cardiovascular System	402	2.5%
9	Surgical Procedures on the Auditory System	372	2.3%
10	Surgical Procedures for Maternity Care and Delivery	165	1.0%

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HFDR OUTPATIENT SURGERY - 2019 Regional Top 10 Broad CPT Code Categories –
Continued

Matanuska-Susitna Region			
1	Surgical Procedures on the Digestive System	4,337	24.4%
2	Surgical Procedures on the Musculoskeletal System	3,573	20.1%
3	Surgical Procedures on the Nervous System	2,704	15.2%
4	Surgical Procedures on the Integumentary System	1,651	9.3%
5	Surgical Procedures on the Eye and Ocular Adnexa	1,626	9.1%
6	Surgical Procedures for Maternity Care and Delivery	945	5.3%
7	Surgical Procedures on the Respiratory System	834	4.7%
8	Surgical Procedures on the Urinary System	499	2.8%
9	Surgical Procedures on the Female Genital System	452	2.5%
10	Surgical Procedures on the Auditory System	375	2.1%
Northern Region			
1	Surgical Procedures on the Musculoskeletal System	2,264	22.8%
2	Surgical Procedures on the Integumentary System	2,161	21.8%
3	Surgical Procedures on the Digestive System	1,824	18.4%
4	Surgical Procedures on the Nervous System	771	7.8%
5	Surgical Procedures on the Urinary System	560	5.6%
6	Surgical Procedures on the Female Genital System	544	5.5%
7	Surgical Procedures for Maternity Care and Delivery	497	5.0%
8	Surgical Procedures on the Respiratory System	434	4.4%
9	Surgical Procedures on the Auditory System	430	4.3%
10	Surgical Procedures on the Eye and Ocular Adnexa	232	2.3%
Southeast Region			
1	Surgical Procedures on the Integumentary System	3,565	23.8%
2	Surgical Procedures on the Digestive System	3,242	21.7%
3	Surgical Procedures on the Musculoskeletal System	3,152	21.1%
4	Surgical Procedures on the Nervous System	1,365	9.1%
5	Surgical Procedures on the Urinary System	861	5.8%
6	Surgical Procedures on the Eye and Ocular Adnexa	528	3.5%
7	Surgical Procedures for Maternity Care and Delivery	438	2.9%
8	Surgical Procedures on the Auditory System	429	2.9%
9	Surgical Procedures on the Respiratory System	423	2.8%
10	Surgical Procedures on the Female Genital System	371	2.5%
Southwest Region			
1	Surgical Procedures on the Digestive System	2,493	22.5%
2	Surgical Procedures on the Musculoskeletal System	2,242	20.3%
3	Surgical Procedures on the Integumentary System	1,971	17.8%
4	Surgical Procedures for Maternity Care and Delivery	914	8.3%
5	Surgical Procedures on the Nervous System	837	7.6%
6	Surgical Procedures on the Urinary System	635	5.7%
7	Surgical Procedures on the Female Genital System	626	5.7%
8	Surgical Procedures on the Auditory System	499	4.5%
9	Surgical Procedures on the Respiratory System	388	3.5%
10	Surgical Procedures on the Eye and Ocular Adnexa	297	2.7%

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HFDR OUTPATIENT SURGERY - 2019 Regional Top 10 Narrow CPT Code Categories

Rank	CPT Code Category Description	Procedures	Percent
All of Alaska			
1	Surgical Procedures on the Rectum	19,762	11.6%
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	14,160	8.3%
3	Surgical Procedures on the Esophagus	9,820	5.7%
4	General Surgical Procedures on the Musculoskeletal System	8,518	5.0%
5	Surgical Repair (Closure) Procedures on the Integumentary System	8,067	4.7%
6	Surgical Procedures on the Anterior Segment of the Eye	7,671	4.5%
7	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	7,278	4.3%
8	Surgical Procedures on the Bladder	6,939	4.1%
9	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	6,929	4.1%
10	Application of Casts and Strapping	6,657	3.9%
Anchorage Region			
1	Surgical Procedures on the Rectum	9,312	12.8%
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	6,134	8.4%
3	Surgical Procedures on the Esophagus	4,588	6.3%
4	Surgical Repair (Closure) Procedures on the Integumentary System	3,643	5.0%
5	Application of Casts and Strapping	3,541	4.9%
6	Surgical Procedures on the Anterior Segment of the Eye	3,492	4.8%
7	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	2,944	4.0%
8	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	2,890	4.0%
9	Surgical Procedures on the Bladder	2,456	3.4%
10	General Surgical Procedures on the Musculoskeletal System	2,431	3.3%
Gulf Coast Region			
1	Surgical Procedures on the Nails	2,910	10.9%
2	Surgical Procedures on the Rectum	2,360	8.8%
3	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	2,267	8.5%
4	General Surgical Procedures on the Musculoskeletal System	1,569	5.9%
5	Surgical Procedures on the Bladder	1,356	5.1%
6	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	1,335	5.0%
7	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	1,278	4.8%
8	Surgical Procedures on the Anterior Segment of the Eye	1,197	4.5%
9	Surgical Repair (Closure) Procedures on the Integumentary System	1,158	4.3%
10	Surgical Procedures on the Esophagus	1,142	4.3%
Interior Region			
1	Surgical Procedures on the Rectum	2,442	15.3%
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	1,405	8.8%
3	Surgical Procedures on the Esophagus	1,221	7.7%
4	Surgical Procedures on the Anterior Segment of the Eye	836	5.2%
5	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	750	4.7%
6	Surgical Procedures on the Spine and Spinal Cord	690	4.3%
7	Application of Casts and Strapping	612	3.8%
8	Surgical Procedures on the Bladder	575	3.6%
9	Surgical Procedures on the Shoulder	524	3.3%
10	General Surgical Procedures on the Musculoskeletal System	513	3.2%

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HFDR OUTPATIENT SURGERY - 2019 Regional Top 10 Narrow CPT Code Categories –
Continued

Matanuska-Susitna Region			
1	Surgical Procedures on the Rectum	2,032	11.4%
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	1,903	10.7%
3	Surgical Procedures on the Anterior Segment of the Eye	1,353	7.6%
4	Surgical Procedures on the Esophagus	1,185	6.7%
5	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	1,130	6.4%
6	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	902	5.1%
7	Surgical Procedures on the Spine and Spinal Cord	772	4.3%
8	General Surgical Procedures on the Musculoskeletal System	527	3.0%
9	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	488	2.7%
10	Surgical Procedures on the Bladder	453	2.5%
Northern Region			
1	General Surgical Procedures on the Musculoskeletal System	1,127	11.4%
2	Surgical Procedures on the Rectum	912	9.2%
3	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	646	6.5%
4	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	635	6.4%
5	Surgical Repair (Closure) Procedures on the Integumentary System	595	6.0%
6	Surgical Procedures on the Bladder	550	5.5%
7	Application of Casts and Strapping	377	3.8%
8	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	366	3.7%
9	Surgical Procedures on the Corpus Uteri	366	3.7%
10	Surgical Procedures on the Esophagus	352	3.6%
Southeast Region			
1	Surgical Procedures on the Rectum	1,545	10.3%
2	General Surgical Procedures on the Musculoskeletal System	1,539	10.3%
3	Surgical Repair (Closure) Procedures on the Integumentary System	1,122	7.5%
4	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	1,096	7.3%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	935	6.2%
6	Surgical Procedures on the Bladder	824	5.5%
7	Surgical Procedures on the Esophagus	820	5.5%
8	Surgical Procedures on the Nails	788	5.3%
9	Destruction Procedures on the Integumentary System	483	3.2%
10	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	398	2.7%
Southwest Region			
1	Surgical Procedures on the Rectum	1,078	9.7%
2	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	851	7.7%
3	General Surgical Procedures on the Musculoskeletal System	744	6.7%
4	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	665	6.0%
5	Surgical Procedures on the Bladder	617	5.6%
6	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	612	5.5%
7	Surgical Repair (Closure) Procedures on the Integumentary System	607	5.5%
8	Surgical Procedures on the Esophagus	458	4.1%
9	Surgical Procedures on the Dentoalveolar Structures	434	3.9%
10	Surgical Procedures on the Corpus Uteri	395	3.6%

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2019 Outpatient Surgery Narrow CPT Categories with Examples of Procedures

Category Rank	Category	CPT Rank	Examples of Procedures	Count
1	Surgical Procedures on the Rectum	1	Colonoscopy, flexible; with biopsy, single or multiple	7,711
		2	Colonoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique	6,218
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	1	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT); lumbar or sacral, single level	1,859
		2	Injection, anesthetic agent; brachial plexus, single	1,802
3	Surgical Procedures on the Esophagus	1	Esophagogastroduodenoscopy, flexible, transoral; with biopsy, single or multiple	7,067
		2	Esophagogastroduodenoscopy, flexible, transoral; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	960
4	General Surgical Procedures on the Musculoskeletal System	1	Arthrocentesis, aspiration and/or injection, major joint or bursa (eg, shoulder, hip, knee, subacromial bursa); without ultrasound guidance	3,917
		2	Injection(s); single or multiple trigger point(s), 1 or 2 muscle(s)	966
5	Surgical Repair (Closure) Procedures on the Integumentary System	1	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 2.5 cm or less	2,383
		2	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 2.5 cm or less	1,343
6	Surgical Procedures on the Anterior Segment of the Eye	1	Extracapsular cataract removal with insertion of intraocular lens prosthesis (1 stage procedure), manual or mechanical technique (eg, irrigation and aspiration or phacoemulsification)	5,912
		2	Discission of secondary membranous cataract (opacified posterior lens capsule and/or anterior hyaloid); laser surgery (eg, YAG laser) (1 or more stages)	712
7	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	1	Incision and drainage of abscess (eg, carbuncle, suppurative hidradenitis, cutaneous or subcutaneous abscess, cyst, furuncle, or paronychia); simple or single	1,708
		2	Paring or cutting of benign hyperkeratotic lesion (eg, corn or callus); 2 to 4 lesions	603
8	Surgical Procedures on the Bladder	1	Measurement of post-voiding residual urine and/or bladder capacity by ultrasound, non-imaging	1,607
		2	Insertion of temporary indwelling bladder catheter; simple (eg, Foley)	1,317
9	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	1	Arthroscopy, knee, surgical; with meniscectomy (medial OR lateral, including any meniscal shaving) including debridement/shaving of articular cartilage (chondroplasty), same or separate compartment(s), when performed	1,140
		2	Arthroscopy, shoulder, surgical; decompression of subacromial space with partial acromioplasty, with coracoacromial ligament (ie, arch) release, when performed (List separately in addition to code for primary procedure)	651
10	Application of Casts and Strapping	1	Application of multi-layer compression system; leg (below knee), including ankle and foot	2,782
		2	Application of short arm splint (forearm to hand); static	1,254

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2019 100% of Outpatient Surgery Procedures:
All Outpatient Surgery Procedures

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	78,952	46.2%	\$2,637	75,677	\$408,503,618
Female	91,978	53.8%	\$2,511	88,078	\$454,895,494
Race					
White	88,375	51.7%	\$2,731	85,464	\$459,902,854
AI/AN	47,394	27.7%	\$975	44,234	\$166,839,069
Asian/PI	6,342	3.7%	\$2,852	6,055	\$32,562,092
Black	3,858	2.3%	\$2,652	3,602	\$20,390,788
Ethnicity					
Hispanic	4,329	2.5%	\$2,511	4,130	\$21,953,151
Age Group					
00-14	12,237	7.2%	\$4,192	11,624	\$67,036,685
15-24	11,219	6.6%	\$1,500	10,590	\$51,989,942
25-34	18,401	10.8%	\$1,526	17,449	\$84,597,372
35-44	19,463	11.4%	\$2,938	18,477	\$114,793,052
45-54	25,481	14.9%	\$3,086	24,349	\$151,392,455
55-64	35,606	20.8%	\$2,950	34,219	\$207,027,339
65-74	30,858	18.1%	\$2,148	29,875	\$130,482,331
75+	17,554	10.3%	\$990	17,065	\$55,806,207
Primary Payer					
Medicare	45,735	26.8%	\$1,500	44,429	\$165,038,637
Medicaid	31,810	18.6%	\$2,511	29,984	\$155,107,732
Commercial	59,045	34.5%	\$2,938	56,553	\$335,261,976
Self Pay	12,318	7.2%	\$1,122	11,739	\$52,597,351
Other	22,034	12.9%	\$3,792	21,059	\$155,497,999
Public Health Region					
Anchorage	72,810	42.6%	\$2,864	69,543	\$414,871,157
Gulf Coast	26,703	15.6%	\$1,965	26,213	\$115,939,111
Interior	15,928	9.3%	\$2,710	15,373	\$77,113,369
Mat-Su	17,780	10.4%	\$4,738	17,217	\$134,309,638
Northern	9,915	5.8%	\$1,516	9,512	\$37,361,522
Southeast	14,966	8.8%	\$947	14,802	\$34,312,133
Southwest	11,071	6.5%	\$1,212	9,393	\$42,465,533
Out of State	1,701	1.0%	\$985	1,647	\$6,802,081
Annual Totals					
Alaska 2019	170,957	100.0%	\$2,529	163,779	\$863,530,691
Alaska 2018	166,776	97.6%	\$2,511	161,317	\$828,497,852
Alaska 2017	159,607	93.4%	\$2,511	154,085	\$781,190,963

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2019 CPT Category #1 at 11.6% of Outpatient Surgery Procedures:
Surgical Procedures on the Rectum

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	10,044	50.8%	\$2,864	9,711	\$29,621,632
Female	9,716	49.2%	\$2,864	9,453	\$29,416,853
Race					
White	12,354	62.5%	\$2,781	11,967	\$34,522,851
AI/AN	4,002	20.3%	\$3,882	3,904	\$14,436,001
Asian/PI	927	4.7%	\$2,864	890	\$2,674,091
Black	502	2.5%	\$2,864	464	\$1,363,101
Ethnicity					
Hispanic	506	2.6%	\$2,781	484	\$1,463,436
Age Group					
00-14	109	0.6%	\$2,652	108	\$361,734
15-24	299	1.5%	\$2,781	291	\$859,451
25-34	801	4.1%	\$2,864	769	\$2,378,446
35-44	1,843	9.3%	\$2,950	1,788	\$5,942,662
45-54	4,596	23.3%	\$2,864	4,483	\$14,362,249
55-64	6,630	33.5%	\$2,864	6,432	\$20,106,870
65-74	4,317	21.8%	\$2,665	4,155	\$11,889,816
75+	1,167	5.9%	\$2,607	1,139	\$3,141,195
Primary Payer					
Medicare	4,433	22.4%	\$2,529	4,290	\$11,953,391
Medicaid	2,811	14.2%	\$2,950	2,742	\$9,071,692
Commercial	9,697	49.1%	\$2,864	9,407	\$29,136,121
Self Pay	876	4.4%	\$4,798	862	\$3,798,316
Other	1,945	9.8%	\$2,665	1,864	\$5,082,904
Public Health Region					
Anchorage	9,312	47.1%	\$2,864	8,898	\$29,690,043
Gulf Coast	2,360	11.9%	\$2,930	2,317	\$7,029,348
Interior	2,442	12.4%	\$1,405	2,431	\$4,329,987
Mat-Su	2,032	10.3%	\$3,915	1,984	\$8,159,430
Northern	912	4.6%	\$3,646	900	\$3,383,664
Southeast	1,545	7.8%	\$1,671	1,538	\$2,916,693
Southwest	1,078	5.5%	\$3,882	1,018	\$3,288,012
Out of State	76	0.4%	\$2,950	74	\$233,093
Annual Totals					
Alaska 2019	19,762	100.0%	\$2,864	19,165	\$59,042,424
Alaska 2018	19,515	98.8%	\$2,781	19,144	\$56,950,259
Alaska 2017	17,945	90.8%	\$2,764	17,636	\$52,264,197

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2019 CPT Category #2 at 8.3% of Outpatient Surgery Procedures:

Surgical Proc. on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	6,143	43.4%	\$2,637	6,076	\$23,125,000
Female	8,013	56.6%	\$2,525	7,934	\$31,024,533
Race					
White	7,877	55.6%	\$2,511	7,850	\$28,055,015
AI/AN	3,003	21.2%	\$2,226	2,916	\$10,396,974
Asian/PI	322	2.3%	\$2,525	322	\$1,103,760
Black	301	2.1%	\$2,511	299	\$1,110,658
Ethnicity					
Hispanic	312	2.2%	\$2,511	307	\$1,055,746
Age Group					
00-14	78	0.6%	\$2,511	75	\$247,233
15-24	684	4.8%	\$2,511	671	\$2,037,687
25-34	1,427	10.1%	\$2,511	1,403	\$4,567,939
35-44	2,278	16.1%	\$2,525	2,251	\$9,306,512
45-54	3,039	21.5%	\$2,643	3,007	\$12,467,278
55-64	3,802	26.9%	\$2,637	3,765	\$15,250,632
65-74	1,834	13.0%	\$2,637	1,830	\$6,899,899
75+	904	6.4%	\$2,900	902	\$3,044,294
Primary Payer					
Medicare	2,685	19.0%	\$2,637	2,678	\$9,360,833
Medicaid	2,596	18.3%	\$2,637	2,533	\$9,813,159
Commercial	4,639	32.8%	\$2,525	4,589	\$19,495,682
Self Pay	735	5.2%	\$2,069	718	\$2,413,190
Other	3,493	24.7%	\$2,637	3,483	\$13,060,385
Public Health Region					
Anchorage	6,134	43.3%	\$2,511	6,078	\$25,291,559
Gulf Coast	2,267	16.0%	\$2,637	2,250	\$8,063,821
Interior	1,405	9.9%	\$2,069	1,394	\$3,546,966
Mat-Su	1,903	13.4%	\$2,643	1,892	\$8,554,802
Northern	635	4.5%	\$3,086	620	\$2,463,896
Southeast	1,096	7.7%	\$2,995	1,083	\$3,547,607
Southwest	612	4.3%	\$2,511	589	\$2,249,171
Out of State	103	0.7%	\$2,511	103	\$361,975
Annual Totals					
Alaska 2019	14,160	100.0%	\$2,566	14,013	\$54,164,250
Alaska 2018	13,641	96.3%	\$2,525	13,380	\$53,042,791
Alaska 2017	13,356	94.3%	\$2,725	13,072	\$53,547,254

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2019 CPT Category #3 at 5.7% of Outpatient Surgery Procedures:
Surgical Procedures on the Esophagus

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	4,556	46.4%	\$2,852	4,315	\$13,208,757
Female	5,263	53.6%	\$2,852	5,017	\$15,753,751
Race					
White	6,439	65.6%	\$2,710	6,141	\$18,076,831
AI/AN	1,646	16.8%	\$3,873	1,550	\$5,906,955
Asian/PI	464	4.7%	\$2,852	430	\$1,225,421
Black	310	3.2%	\$2,852	284	\$890,855
Ethnicity					
Hispanic	378	3.8%	\$2,852	356	\$1,059,282
Age Group					
00-14	275	2.8%	\$4,738	273	\$1,117,478
15-24	372	3.8%	\$2,938	355	\$1,155,935
25-34	841	8.6%	\$2,852	788	\$2,436,878
35-44	1,245	12.7%	\$2,852	1,195	\$3,941,329
45-54	1,652	16.8%	\$2,852	1,583	\$4,868,408
55-64	2,380	24.2%	\$2,852	2,257	\$6,985,274
65-74	2,136	21.8%	\$2,710	2,024	\$5,873,276
75+	918	9.3%	\$2,852	857	\$2,582,839
Primary Payer					
Medicare	2,714	27.6%	\$2,710	2,578	\$7,545,902
Medicaid	1,796	18.3%	\$2,938	1,694	\$5,658,862
Commercial	3,884	39.6%	\$2,852	3,728	\$11,497,196
Self Pay	311	3.2%	\$3,966	282	\$1,266,745
Other	1,115	11.4%	\$2,710	1,051	\$2,994,237
Public Health Region					
Anchorage	4,588	46.7%	\$2,852	4,290	\$13,842,249
Gulf Coast	1,142	11.6%	\$2,930	1,092	\$3,449,548
Interior	1,221	12.4%	\$1,561	1,203	\$2,648,836
Mat-Su	1,185	12.1%	\$4,145	1,117	\$4,619,004
Northern	352	3.6%	\$3,873	337	\$1,205,844
Southeast	820	8.4%	\$1,738	809	\$1,641,127
Southwest	458	4.7%	\$3,873	432	\$1,409,873
Out of State	53	0.5%	\$2,710	52	\$145,585
Annual Totals					
Alaska 2019	9,820	100.0%	\$2,852	9,333	\$28,962,943
Alaska 2018	9,790	99.7%	\$2,852	9,410	\$29,621,234
Alaska 2017	8,821	89.8%	\$2,841	8,514	\$25,313,632

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2019 CPT Category #4 at 5.0% of Outpatient Surgery Procedures:
General Surgical Procedures on the Musculoskeletal System

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	3,449	40.5%	\$876	3,320	\$8,448,648
Female	5,068	59.5%	\$876	4,911	\$10,755,924
Race					
White	3,044	35.7%	\$737	2,979	\$8,227,790
AI/AN	4,420	51.9%	\$876	4,228	\$6,908,715
Asian/PI	106	1.2%	\$1,045	101	\$356,281
Black	100	1.2%	\$1,360	90	\$353,710
Ethnicity					
Hispanic	136	1.6%	\$1,122	133	\$405,878
Age Group					
00-14	138	1.6%	\$11,640	131	\$1,326,743
15-24	225	2.6%	\$3,398	206	\$1,262,441
25-34	559	6.6%	\$941	541	\$2,081,869
35-44	772	9.1%	\$1,066	742	\$2,276,557
45-54	1,412	16.6%	\$989	1,358	\$3,292,908
55-64	2,131	25.0%	\$1,013	2,072	\$5,166,656
65-74	2,051	24.1%	\$708	1,989	\$2,678,925
75+	1,230	14.4%	\$440	1,193	\$1,121,743
Primary Payer					
Medicare	3,360	39.4%	\$520	3,265	\$3,576,978
Medicaid	909	10.7%	\$985	853	\$3,212,768
Commercial	2,519	29.6%	\$1,120	2,436	\$6,875,973
Self Pay	1,017	11.9%	\$960	1,001	\$1,827,124
Other	713	8.4%	\$3,347	677	\$3,715,000
Public Health Region					
Anchorage	2,431	28.5%	\$1,576	2,379	\$8,506,323
Gulf Coast	1,569	18.4%	\$829	1,557	\$2,901,857
Interior	513	6.0%	\$829	495	\$1,098,967
Mat-Su	527	6.2%	\$1,576	513	\$2,197,600
Northern	1,127	13.2%	\$829	1,119	\$1,892,926
Southeast	1,539	18.1%	\$364	1,535	\$967,876
Southwest	744	8.7%	\$902	568	\$1,552,725
Out of State	67	0.8%	\$583	66	\$89,568
Annual Totals					
Alaska 2019	8,518	100.0%	\$876	8,232	\$19,207,842
Alaska 2018	7,808	91.7%	\$850	7,510	\$17,867,484
Alaska 2017	7,681	90.2%	\$1,110	7,384	\$18,225,772

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2019 CPT Category #5 at 4.7% of Outpatient Surgery Procedures:
Surgical Repair (Closure) Procedures on the Integumentary System

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	4,926	61.1%	\$574	4,618	\$6,853,349
Female	3,141	38.9%	\$624	2,941	\$7,032,154
Race					
White	4,257	52.8%	\$500	4,058	\$6,241,418
AI/AN	1,994	24.7%	\$608	1,778	\$2,564,860
Asian/PI	441	5.5%	\$500	410	\$411,036
Black	252	3.1%	\$529	230	\$303,247
Ethnicity					
Hispanic	290	3.6%	\$500	275	\$349,756
Age Group					
00-14	1,464	18.1%	\$500	1,394	\$1,279,284
15-24	967	12.0%	\$542	897	\$1,139,217
25-34	1,362	16.9%	\$608	1,266	\$2,016,791
35-44	967	12.0%	\$624	886	\$2,302,224
45-54	859	10.6%	\$885	791	\$2,075,503
55-64	960	11.9%	\$660	897	\$2,233,666
65-74	922	11.4%	\$783	886	\$1,853,490
75+	566	7.0%	\$691	542	\$985,329
Primary Payer					
Medicare	1,417	17.6%	\$608	1,356	\$2,386,860
Medicaid	2,110	26.2%	\$500	1,988	\$2,417,160
Commercial	2,445	30.3%	\$595	2,284	\$4,041,892
Self Pay	927	11.5%	\$923	883	\$3,089,861
Other	1,168	14.5%	\$504	1,048	\$1,949,731
Public Health Region					
Anchorage	3,643	45.2%	\$626	3,377	\$6,918,663
Gulf Coast	1,158	14.4%	\$465	1,135	\$1,847,594
Interior	176	2.2%	\$3,599	167	\$656,851
Mat-Su	421	5.2%	\$2,400	401	\$2,203,417
Northern	595	7.4%	\$1,036	586	\$871,774
Southeast	1,122	13.9%	\$162	1,119	\$527,288
Southwest	607	7.5%	\$574	436	\$597,722
Out of State	328	4.1%	\$500	321	\$253,113
Annual Totals					
Alaska 2019	8,067	100.0%	\$608	7,559	\$13,885,503
Alaska 2018	8,498	105.3%	\$500	8,170	\$13,582,898
Alaska 2017	8,380	103.9%	\$417	7,987	\$12,886,285

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2019 CPT Category #6 at 4.5% of Outpatient Surgery Procedures:
Surgical Procedures on the Anterior Segment of the Eye

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	3,296	43.0%	\$3,463	3,234	\$14,864,829
Female	4,374	57.0%	\$3,463	4,316	\$19,712,244
Race					
White	4,344	56.6%	\$3,259	4,305	\$17,414,830
AI/AN	808	10.5%	\$7,098	794	\$5,467,992
Asian/PI	417	5.4%	\$3,259	412	\$1,548,179
Black	124	1.6%	\$3,463	123	\$510,591
Ethnicity					
Hispanic	59	0.8%	\$3,463	59	\$247,360
Age Group					
00-14	20	0.3%	\$5,710	20	\$122,840
15-24	30	0.4%	\$5,663	25	\$136,779
25-34	112	1.5%	\$3,600	65	\$301,299
35-44	139	1.8%	\$3,437	104	\$468,746
45-54	425	5.5%	\$4,998	406	\$2,144,853
55-64	1,907	24.9%	\$3,977	1,901	\$9,982,216
65-74	3,274	42.7%	\$3,463	3,269	\$14,056,723
75+	1,764	23.0%	\$3,463	1,761	\$7,364,701
Primary Payer					
Medicare	4,131	53.9%	\$3,273	4,124	\$16,902,627
Medicaid	525	6.8%	\$6,978	521	\$3,399,130
Commercial	2,002	26.1%	\$3,463	1,974	\$9,306,537
Self Pay	211	2.8%	\$7,098	205	\$1,400,207
Other	802	10.5%	\$3,463	727	\$3,569,657
Public Health Region					
Anchorage	3,492	45.5%	\$3,259	3,428	\$13,581,930
Gulf Coast	1,197	15.6%	\$3,259	1,185	\$4,312,793
Interior	836	10.9%	\$5,444	821	\$4,596,399
Mat-Su	1,353	17.6%	\$6,775	1,340	\$7,836,427
Northern	165	2.2%	\$7,098	160	\$1,099,194
Southeast	394	5.1%	\$3,259	385	\$1,686,750
Southwest	197	2.6%	\$7,098	196	\$1,278,837
Out of State	37	0.5%	\$3,943	36	\$185,828
Annual Totals					
Alaska 2019	7,671	100.0%	\$3,463	7,551	\$34,578,157
Alaska 2018	7,711	100.5%	\$3,463	7,664	\$34,390,237
Alaska 2017	7,303	95.2%	\$3,463	7,252	\$30,058,000

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2019 CPT Category #7 at 4.3% of Outpatient Surgery Procedures:
Surgical Procedures on the Skin, Subcutaneous and Accessory Structures

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	3,703	50.9%	\$651	3,464	\$5,787,889
Female	3,575	49.1%	\$618	3,348	\$5,053,898
Race					
White	2,849	39.1%	\$614	2,716	\$4,280,505
AI/AN	3,167	43.5%	\$521	2,885	\$4,199,528
Asian/PI	194	2.7%	\$905	187	\$333,142
Black	154	2.1%	\$957	133	\$281,892
Ethnicity					
Hispanic	177	2.4%	\$742	163	\$297,896
Age Group					
00-14	410	5.6%	\$798	378	\$724,082
15-24	538	7.4%	\$798	493	\$989,057
25-34	989	13.6%	\$798	913	\$1,684,016
35-44	939	12.9%	\$820	856	\$1,611,421
45-54	921	12.7%	\$671	850	\$1,679,845
55-64	1,081	14.9%	\$651	998	\$1,952,889
65-74	1,284	17.6%	\$528	1,238	\$1,378,932
75+	1,116	15.3%	\$517	1,086	\$821,545
Primary Payer					
Medicare	2,503	34.4%	\$452	2,428	\$2,114,888
Medicaid	1,582	21.7%	\$905	1,439	\$2,829,069
Commercial	1,875	25.8%	\$798	1,740	\$3,336,321
Self Pay	774	10.6%	\$651	739	\$1,279,725
Other	544	7.5%	\$893	466	\$1,281,785
Public Health Region					
Anchorage	2,890	39.7%	\$840	2,738	\$5,093,822
Gulf Coast	1,278	17.6%	\$614	1,268	\$1,501,265
Interior	266	3.7%	\$536	204	\$463,299
Mat-Su	488	6.7%	\$851	479	\$1,052,785
Northern	646	8.9%	\$798	624	\$1,152,172
Southeast	935	12.8%	\$263	929	\$732,332
Southwest	665	9.1%	\$316	464	\$659,527
Out of State	106	1.5%	\$677	102	\$184,118
Annual Totals					
Alaska 2019	7,278	100.0%	\$644	6,812	\$10,841,787
Alaska 2018	7,284	100.1%	\$608	6,841	\$11,388,375
Alaska 2017	6,586	90.5%	\$579	6,123	\$9,851,879

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2019 CPT Category #8 at 4.1% of Outpatient Surgery Procedures:
Surgical Procedures on the Bladder

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	4,678	67.4%	\$395	4,587	\$16,283,691
Female	2,261	32.6%	\$873	2,202	\$10,830,008
Race					
White	2,998	43.2%	\$879	2,940	\$16,377,708
AI/AN	2,988	43.1%	\$330	2,911	\$5,002,661
Asian/PI	115	1.7%	\$691	115	\$785,429
Black	88	1.3%	\$2,608	83	\$640,475
Ethnicity					
Hispanic	101	1.5%	\$524	98	\$523,615
Age Group					
00-14	238	3.4%	\$395	234	\$860,060
15-24	168	2.4%	\$2,420	158	\$974,654
25-34	301	4.3%	\$3,481	288	\$1,960,036
35-44	413	6.0%	\$3,752	404	\$3,008,764
45-54	640	9.2%	\$3,360	619	\$4,004,243
55-64	1,332	19.2%	\$461	1,308	\$6,090,154
65-74	1,966	28.3%	\$340	1,933	\$5,787,969
75+	1,879	27.1%	\$369	1,843	\$4,421,194
Primary Payer					
Medicare	3,656	52.7%	\$369	3,593	\$9,146,109
Medicaid	648	9.3%	\$2,244	622	\$4,407,656
Commercial	1,698	24.5%	\$2,878	1,658	\$10,031,666
Self Pay	470	6.8%	\$330	456	\$1,099,572
Other	467	6.7%	\$1,137	460	\$2,428,695
Public Health Region					
Anchorage	2,456	35.4%	\$430	2,378	\$11,788,533
Gulf Coast	1,356	19.5%	\$483	1,349	\$3,342,659
Interior	575	8.3%	\$6,300	571	\$3,972,101
Mat-Su	453	6.5%	\$3,577	451	\$4,068,790
Northern	550	7.9%	\$302	539	\$1,097,296
Southeast	824	11.9%	\$302	818	\$1,382,744
Southwest	617	8.9%	\$302	577	\$1,075,900
Out of State	103	1.5%	\$397	101	\$379,824
Annual Totals					
Alaska 2019	6,939	100.0%	\$417	6,789	\$27,113,699
Alaska 2018	6,577	94.8%	\$382	6,483	\$21,542,727
Alaska 2017	6,701	96.6%	\$355	6,627	\$22,123,350

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2019 CPT Category #9 at 4.1% of Outpatient Surgery Procedures:
Endoscopy/Arthroscopy Procedures on the Musculoskeletal System

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	3,564	51.4%	\$13,176	3,375	\$45,160,170
Female	3,365	48.6%	\$13,176	3,160	\$42,254,438
Race					
White	4,054	58.5%	\$12,548	3,941	\$47,364,038
AI/AN	746	10.8%	\$16,182	510	\$9,210,855
Asian/PI	173	2.5%	\$12,955	169	\$2,212,761
Black	110	1.6%	\$12,955	105	\$1,338,888
Ethnicity					
Hispanic	191	2.8%	\$12,955	178	\$2,356,476
Age Group					
00-14	62	0.9%	\$12,548	51	\$717,795
15-24	647	9.3%	\$15,917	570	\$9,056,462
25-34	738	10.7%	\$13,800	666	\$9,873,038
35-44	1,205	17.4%	\$13,176	1,140	\$15,688,396
45-54	1,581	22.8%	\$13,176	1,497	\$19,683,366
55-64	1,712	24.7%	\$13,176	1,652	\$21,455,666
65-74	820	11.8%	\$12,548	798	\$9,277,646
75+	164	2.4%	\$9,075	161	\$1,662,237
Primary Payer					
Medicare	832	12.0%	\$9,075	814	\$8,624,629
Medicaid	938	13.5%	\$13,911	792	\$11,430,048
Commercial	2,653	38.3%	\$14,135	2,531	\$34,226,961
Self Pay	232	3.3%	\$13,911	174	\$2,806,725
Other	2,274	32.8%	\$13,176	2,224	\$30,326,245
Public Health Region					
Anchorage	2,944	42.5%	\$14,135	2,771	\$40,121,517
Gulf Coast	1,335	19.3%	\$8,411	1,280	\$13,761,023
Interior	750	10.8%	\$9,275	725	\$7,348,435
Mat-Su	1,130	16.3%	\$17,510	1,102	\$17,907,959
Northern	197	2.8%	\$16,182	148	\$2,557,476
Southeast	343	5.0%	\$6,338	322	\$2,464,079
Southwest	195	2.8%	\$16,182	155	\$2,747,638
Out of State	32	0.5%	\$14,147	29	\$429,830
Annual Totals					
Alaska 2019	6,929	100.0%	\$13,176	6,535	\$87,414,608
Alaska 2018	6,522	94.1%	\$12,763	6,299	\$79,952,001
Alaska 2017	6,271	90.5%	\$12,863	6,080	\$76,494,346

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2019 CPT Category #10 at 3.9% of Outpatient Surgery Procedures:
Application of Casts and Strapping

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
Sex					
Male	3,970	59.6%	\$430	3,835	\$2,227,589
Female	2,686	40.3%	\$430	2,584	\$1,401,809
Race					
White	4,234	63.6%	\$398	4,117	\$2,300,738
AI/AN	1,395	21.0%	\$518	1,311	\$738,861
Asian/PI	297	4.5%	\$398	288	\$136,790
Black	278	4.2%	\$430	258	\$140,158
Ethnicity					
Hispanic	172	2.6%	\$430	167	\$91,962
Age Group					
00-14	863	13.0%	\$551	821	\$506,814
15-24	422	6.3%	\$536	397	\$215,243
25-34	551	8.3%	\$437	529	\$276,899
35-44	497	7.5%	\$401	475	\$247,313
45-54	739	11.1%	\$398	690	\$368,465
55-64	1,043	15.7%	\$398	1,017	\$547,658
65-74	1,387	20.8%	\$398	1,360	\$797,520
75+	1,155	17.4%	\$398	1,131	\$670,345
Primary Payer					
Medicare	2,647	39.8%	\$398	2,593	\$1,513,038
Medicaid	1,548	23.3%	\$430	1,476	\$801,476
Commercial	1,517	22.8%	\$430	1,468	\$791,495
Self Pay	438	6.6%	\$654	424	\$275,420
Other	507	7.6%	\$413	459	\$248,828
Public Health Region					
Anchorage	3,541	53.2%	\$430	3,481	\$2,107,769
Gulf Coast	1,026	15.4%	\$434	1,024	\$475,262
Interior	612	9.2%	\$352	526	\$265,617
Mat-Su	193	2.9%	\$685	191	\$185,074
Northern	377	5.7%	\$537	377	\$293,594
Southeast	383	5.8%	\$239	383	\$100,333
Southwest	377	5.7%	\$437	292	\$145,246
Out of State	143	2.1%	\$377	141	\$55,813
Annual Totals					
Alaska 2019	6,657	100.0%	\$430	6,420	\$3,630,258
Alaska 2018	6,327	95.0%	\$420	6,085	\$3,069,203
Alaska 2017	6,924	104.0%	\$415	6,683	\$3,061,027

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HFDR OUTPATIENT SURGERY PROCEDURES - 2019 Top 10 CPT Categories by Age Group

Rank	CPT Category Description	Procedures	Percent
Patients Under Age 1			
1	Surgical Procedures on the Penis	138	21.6%
2	Surgical Procedures on the Middle Ear	101	15.8%
3	Surgical Procedures on the Spine and Spinal Cord	80	12.5%
4	Surgical Procedures on the Bladder	68	10.7%
5	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	24	3.8%
6	Surgical Procedures on the Larynx	23	3.6%
7	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	21	3.3%
8	Surgical Repair (Closure) Procedures on the Integumentary System	15	2.4%
9	Surgical Procedures on the Tongue and Floor of Mouth	14	2.2%
10	Surgical Procedures on the Trachea and Bronchi	14	2.2%
Patients Age 1 to 17			
1	Surgical Procedures on the Dentoalveolar Structures	2,072	14.4%
2	Surgical Repair (Closure) Procedures on the Integumentary System	1,663	11.6%
3	Surgical Procedures on the Pharynx, Adenoids, and Tonsils	1,545	10.8%
4	Surgical Procedures on the Middle Ear	1,509	10.5%
5	Application of Casts and Strapping	981	6.8%
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	529	3.7%
7	Surgical Procedures on the External Ear	428	3.0%
8	Destruction Procedures on the Integumentary System	419	2.9%
9	Surgical Procedures on the Esophagus	360	2.5%
10	Surgical Procedures on the Nose	326	2.3%
Patients Age 18 to 64			
1	Surgical Procedures on the Rectum	14,120	13.1%
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	11,050	10.3%
3	Surgical Procedures on the Esophagus	6,392	6.0%
4	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	5,643	5.3%
5	General Surgical Procedures on the Musculoskeletal System	5,042	4.7%
6	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	4,925	4.6%
7	Surgical Repair (Closure) Procedures on the Integumentary System	4,901	4.6%
8	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	4,328	4.0%
9	Surgical Procedures on the Corpus Uteri	3,371	3.1%
10	Application of Casts and Strapping	3,122	2.9%
Patients Over Age 64			
1	Surgical Procedures on the Rectum	5,484	11.3%
2	Surgical Procedures on the Anterior Segment of the Eye	5,038	10.4%
3	Surgical Procedures on the Bladder	3,845	7.9%
4	Surgical Procedures on the Nails	3,734	7.7%
5	General Surgical Procedures on the Musculoskeletal System	3,281	6.8%
6	Surgical Procedures on the Esophagus	3,054	6.3%
7	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	2,738	5.7%
8	Application of Casts and Strapping	2,542	5.3%
9	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	2,400	5.0%
10	Surgical Repair (Closure) Procedures on the Integumentary System	1,488	3.1%



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 CCS Diagnosis Categories
 - Alaska Top 10 CCS 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, 664,910, and varied, including visits specifically for surgery, observation, and therapy, among others. The records in this chapter include visits identified by hospitals as 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 in the next chapter. All 41,408 visits to 21 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 664,910 for outpatient non-ED/non-lab discharges in this chapter is a combination of the outpatient other count and outpatient surgery count from the overview table on page 9.

The first table in this section categorizes each visit based on 23 ICD-10-CM letter coded groupings using the ICD-10-CM principal diagnosis code (the Z category was divided into two to display examinations separately). The ICD-10-CM coding letter groups are broader than the CCSR categories, so they provide a more comprehensive but less focused view of the 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 the Agency for Healthcare Research and Quality Clinical Classification Software™ (CCSR) categories that aggregates diagnoses into 540 categories, and displays the top 10.

Demographics for each of top 10 categories are not presented in this section but are available by making a special data request.

Data Highlights

- Alaska facilities that reported to HFDR billed \$2.6 billion for almost 665,000 outpatient visits that were not emergency department visits and not exclusively a lab or radiology visit (non-ED/non-lab) in 2019. Both were increases over the 2018 billed amount of \$2.4 billion and about 618,000 visits.
- The top 10 outpatient non-ED/non-lab ICD-10-CM Categories cover 487,005, or 73.2%, of the 664,910 Alaska non-ED/non-lab visits in 2019.
- The top 10 outpatient non-ED/non-Lab CCSR Diagnosis Categories cover 169,236 (25.5%) of the 664,910 Alaska non-ED stays in 2019.
- *Medical examinations/evaluation* was the top category in four of the seven regions with *spondylopathies/spondyloarthropathy (including infective)*, *neoplasm-related encounters*, and *other specified upper respiratory infections* the top categories in the other three regions.
- The leading principal diagnosis for each of the top 10 CCS categories is as follows: *encounter for routine child health examination without abnormal findings*; *pain in right knee*; *encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm*; *acute upper respiratory infection, unspecified*; *encounter for screening for malignant neoplasm of colon*; *cervicalgia*; *encounter for immunization*; *unspecified abdominal pain*; *dermatitis, unspecified*; and *other specified diseases and conditions complicating pregnancy, childbirth and the puerperium*.
- The median charge for outpatient non-ED/non-Lab visits was \$582 and 59% were by females.

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HFDR OUTPATIENT NON-ED/NON-LAB - 2019 Regional Top 10 ICD-10-CM Diagnosis Categories

Rank	ICD-10-CM Categories Description	Discharges	Percent
All of Alaska			
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	83,539	12.56%
2	Z00-Z13 Persons encountering health services for examinations	67,644	10.17%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	64,119	9.64%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	60,647	9.12%
5	J00-J99 Diseases of the respiratory system	41,007	6.17%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	39,123	5.88%
7	K00-K95 Diseases of the digestive system	35,546	5.35%
8	I00-I99 Diseases of the circulatory system	35,233	5.30%
9	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	32,233	4.85%
10	C00-D49 Neoplasms	27,914	4.20%
Anchorage Region			
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	34,010	13.08%
2	Z00-Z13 Persons encountering health services for examinations	30,217	11.63%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	26,917	10.36%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	23,341	8.98%
5	J00-J99 Diseases of the respiratory system	15,696	6.04%
6	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	15,671	6.03%
7	S00-T88 Injury, poisoning, and certain other consequences of external causes	14,029	5.40%
8	K00-K95 Diseases of the digestive system	13,469	5.18%
9	L00-L99 Diseases of the skin and subcutaneous tissue	12,161	4.68%
10	N00-N99 Diseases of the genitourinary system	10,453	4.02%
Gulf Coast Region			
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	12,719	14.42%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	8,754	9.92%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	7,125	8.08%
4	Z00-Z13 Persons encountering health services for examinations	6,908	7.83%
5	S00-T88 Injury, poisoning, and certain other consequences of external causes	5,289	6.00%
6	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	5,285	5.99%
7	G00-G99 Diseases of the nervous system	4,981	5.65%
8	L00-L99 Diseases of the skin and subcutaneous tissue	4,644	5.26%
9	C00-D49 Neoplasms	4,610	5.23%
10	K00-K95 Diseases of the digestive system	4,433	5.03%
Interior Region			
1	I00-I99 Diseases of the circulatory system	7,578	17.10%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	5,610	12.66%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	4,332	9.77%
4	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	3,876	8.75%
5	K00-K95 Diseases of the digestive system	3,595	8.11%
6	C00-D49 Neoplasms	3,447	7.78%
7	Z00-Z13 Persons encountering health services for examinations	2,755	6.22%
8	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,696	6.08%
9	G00-G99 Diseases of the nervous system	1,694	3.82%
10	N00-N99 Diseases of the genitourinary system	1,440	3.25%

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HFDR OUTPATIENT NON-ED/NON-LAB - 2019 Regional Top 10 ICD-10-CM Diagnosis Categories- Continued

Matanuska-Susitna Region			
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	5,051	12.29%
2	K00-K95 Diseases of the digestive system	4,285	10.42%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	3,143	7.64%
4	Z00-Z13 Persons encountering health services for examinations	3,095	7.53%
5	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,906	7.07%
6	C00-D49 Neoplasms	2,889	7.03%
7	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	2,626	6.39%
8	J00-J99 Diseases of the respiratory system	2,147	5.22%
9	I00-I99 Diseases of the circulatory system	1,919	4.67%
10	N00-N99 Diseases of the genitourinary system	1,912	4.65%
Northern Region			
1	J00-J99 Diseases of the respiratory system	11,017	12.01%
2	Z00-Z13 Persons encountering health services for examinations	10,245	11.17%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	8,949	9.75%
4	M00-M99 Diseases of the musculoskeletal system and connective tissue	8,712	9.50%
5	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	7,573	8.25%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	6,225	6.79%
7	H60-H95 Diseases of the ear and mastoid process	4,073	4.44%
8	E00-E89 Endocrine, nutritional and metabolic diseases	4,027	4.39%
9	I00-I99 Diseases of the circulatory system	3,790	4.13%
10	L00-L99 Diseases of the skin and subcutaneous tissue	3,723	4.06%
Southeast Region			
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	9,935	14.87%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	7,096	10.62%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	6,559	9.82%
4	Z00-Z13 Persons encountering health services for examinations	5,351	8.01%
5	I00-I99 Diseases of the circulatory system	5,062	7.58%
6	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	4,790	7.17%
7	E00-E89 Endocrine, nutritional and metabolic diseases	3,888	5.82%
8	S00-T88 Injury, poisoning, and certain other consequences of external causes	3,040	4.55%
9	K00-K95 Diseases of the digestive system	2,975	4.45%
10	C00-D49 Neoplasms	2,911	4.36%
Southwest Region			
1	Z00-Z13 Persons encountering health services for examinations	8,884	12.80%
2	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	7,864	11.33%
3	M00-M99 Diseases of the musculoskeletal system and connective tissue	7,143	10.29%
4	O00-O9A Pregnancy, childbirth, and puerperium	6,758	9.74%
5	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	6,042	8.71%
6	J00-J99 Diseases of the respiratory system	4,489	6.47%
7	S00-T88 Injury, poisoning, and certain other consequences of external causes	4,483	6.46%
8	I00-I99 Diseases of the circulatory system	3,548	5.11%
9	K00-K95 Diseases of the digestive system	2,887	4.16%
10	H60-H95 Diseases of the ear and mastoid process	2,698	3.89%

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HFDR OUTPATIENT NON-ED/NON-LAB - 2019 Regional Top 10 CCSR Categories

Rank	CCSR Diagnosis Category Description	Discharges	Percent
All of Alaska			
1	Medical examination/evaluation	39,046	5.9%
2	Musculoskeletal pain, not low back pain	21,094	3.2%
3	Other aftercare encounter	18,103	2.7%
4	Other specified upper respiratory infections	15,842	2.4%
5	Neoplasm-related encounters	15,334	2.3%
6	Spondylopathies/spondyloarthropathy (including infective)	14,744	2.2%
7	Exposure, encounters, screening or contact with infectious disease	12,327	1.9%
8	Abdominal pain and other digestive/abdomen signs and symptoms	11,671	1.8%
9	Other specified and unspecified skin disorders	11,426	1.7%
10	Other specified complications in pregnancy	9,649	1.5%
Anchorage Region			
1	Medical examination/evaluation	19,246	7.4%
2	Biomechanical lesions	7,967	3.1%
3	Other aftercare encounter	7,556	2.9%
4	Musculoskeletal pain, not low back pain	7,436	2.9%
5	Neoplasm-related encounters	6,168	2.4%
6	Other specified upper respiratory infections	6,094	2.3%
7	Other specified and unspecified skin disorders	5,164	2.0%
8	Spondylopathies/spondyloarthropathy (including infective)	4,929	1.9%
9	Exposure, encounters, screening or contact with infectious disease	4,884	1.9%
10	Low back pain	4,258	1.6%
Gulf Coast Region			
1	Medical examination/evaluation	3,740	4.2%
2	Musculoskeletal pain, not low back pain	3,299	3.7%
3	Spondylopathies/spondyloarthropathy (including infective)	2,717	3.1%
4	Neoplasm-related encounters	2,559	2.9%
5	Other specified and unspecified skin disorders	2,182	2.5%
6	Abdominal pain and other digestive/abdomen signs and symptoms	1,665	1.9%
7	Fungal infections	1,587	1.8%
8	Osteoarthritis	1,541	1.7%
9	Sleep wake disorders	1,527	1.7%
10	Other aftercare encounter	1,510	1.7%
Interior Region			
1	Spondylopathies/spondyloarthropathy (including infective)	2,116	4.8%
2	Coronary atherosclerosis and other heart disease	1,946	4.4%
3	Neoplasm-related encounters	1,745	3.9%
4	Cardiac dysrhythmias	1,673	3.8%
5	Other aftercare encounter	1,153	2.6%
6	Implant, device or graft related encounter	1,019	2.3%
7	Cataract and other lens disorders	886	2.0%
8	Abdominal pain and other digestive/abdomen signs and symptoms	885	2.0%
9	Medical examination/evaluation	796	1.8%
10	Other specified complications in pregnancy	750	1.7%

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HFDR OUTPATIENT NON-ED/NON-LAB - 2019 Regional Top 10 CCSR Categories -
Continued

Matanuska-Susitna Region			
1	Neoplasm-related encounters	1,500	3.7%
2	Spondylopathies/spondyloarthropathy (including infective)	1,465	3.6%
3	Cataract and other lens disorders	1,210	3.0%
4	Medical examination/evaluation	1,128	2.8%
5	Other aftercare encounter	982	2.4%
6	Benign neoplasms	829	2.1%
7	Abdominal pain and other digestive/abdomen signs and symptoms	810	2.0%
8	Esophageal disorders	753	1.9%
9	Other specified and unspecified skin disorders	580	1.4%
10	Osteoarthritis	570	1.4%
Northern Region			
1	Other specified upper respiratory infections	6,312	6.9%
2	Medical examination/evaluation	5,274	5.7%
3	Musculoskeletal pain, not low back pain	3,388	3.7%
4	Other aftercare encounter	2,806	3.1%
5	Exposure, encounters, screening or contact with infectious disease	2,704	2.9%
6	Encounter for administrative purposes	2,369	2.6%
7	Essential hypertension	1,946	2.1%
8	Abdominal pain and other digestive/abdomen signs and symptoms	1,665	1.8%
9	Otitis media	1,604	1.7%
10	Other specified and unspecified skin disorders	1,471	1.6%
Southeast Region			
1	Medical examination/evaluation	2,796	4.2%
2	Musculoskeletal pain, not low back pain	2,616	3.9%
3	Spondylopathies/spondyloarthropathy (including infective)	1,833	2.7%
4	Exposure, encounters, screening or contact with infectious disease	1,816	2.7%
5	Neoplasm-related encounters	1,696	2.5%
6	Essential hypertension	1,627	2.4%
7	Other aftercare encounter	1,590	2.4%
8	Diabetes mellitus without complication	1,453	2.2%
9	Abdominal pain and other digestive/abdomen signs and symptoms	1,235	1.8%
10	Osteoarthritis	1,204	1.8%
Southwest Region			
1	Medical examination/evaluation	5,972	8.6%
2	Other specified complications in pregnancy	3,422	4.9%
3	Musculoskeletal pain, not low back pain	3,003	4.3%
4	Other aftercare encounter	2,456	3.5%
5	Essential hypertension	2,057	3.0%
6	Other specified upper respiratory infections	1,835	2.6%
7	Exposure, encounters, screening or contact with infectious disease	1,809	2.6%
8	Abdominal pain and other digestive/abdomen signs and symptoms	1,416	2.0%
9	Uncomplicated pregnancy, delivery or puerperium	1,269	1.8%
10	Low back pain	941	1.4%

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2019 Outpatient Non-ED/Non-Lab CCSR Categories with Examples of Diagnoses

CCSR Rank	CCSR Description	ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Medical examination/evaluation	1	Encounter for routine child health examination without abnormal findings	13,823
		2	Encounter for other preprocedural examination	7,195
		3	Encounter for general adult medical examination without abnormal findings	4,812
2	Musculoskeletal pain, not low back pain	1	Pain in right knee	2,548
		2	Pain in left knee	2,310
		3	Pain in right shoulder	2,290
3	Other aftercare encounter	1	Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm	5,022
		2	Encounter for other orthopedic aftercare	2,880
		3	Encounter for surgical aftercare following surgery on the sense organs	1,657
4	Other specified upper respiratory infections	1	Acute upper respiratory infection, unspecified	6,148
		2	Acute pharyngitis, unspecified	4,852
		3	Streptococcal pharyngitis	2,457
5	Neoplasm-related encounters	1	Encounter for screening for malignant neoplasm of colon	10,820
		2	Encounter for follow-up examination after completed treatment for malignant neoplasm	2,048
		3	Encounter for screening mammogram for malignant neoplasm of breast	1,566
6	Spondylopathies/spondyloarthropathy (including infective)	1	Cervicalgia	2,395
		2	Other intervertebral disc degeneration, lumbar region	1,022
		3	Radiculopathy, lumbar region	1,014
7	Exposure, encounters, screening or contact with infectious disease	1	Encounter for immunization	9,131
		2	Encounter for screening for infections with a predominantly sexual mode of transmission	1,324
		3	Contact with and (suspected) exposure to infections with a predominantly sexual mode of transmission	742
8	Abdominal pain and other digestive/abdomen signs and symptoms	1	Unspecified abdominal pain	3,403
		2	Diarrhea, unspecified	1,099
		3	Pelvic and perineal pain	986
9	Other specified and unspecified skin disorders	1	Dermatitis, unspecified	2,120
		2	Ingrowing nail	1,333
		3	Disorder of the skin and subcutaneous tissue, unspecified	910
10	Other specified complications in pregnancy	1	Other specified diseases and conditions complicating pregnancy, childbirth and the puerperium	1,298
		2	Other specified pregnancy related conditions, third trimester	939
		3	Anemia complicating pregnancy, third trimester	907

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2019 100% of Outpatient Non-ED/Non-Lab Visits:
All Outpatient Non-ED/Non-Lab Visits

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	273,837	41.2%	\$606	\$1,216,186,412
Female	391,036	58.8%	\$568	\$1,419,430,579
Race				
White	213,873	32.2%	\$1,515	\$1,480,428,001
AI/AN	375,706	56.5%	\$352	\$699,504,552
Asian/PI	12,697	1.9%	\$2,159	\$96,840,574
Black	7,764	1.2%	\$2,192	\$69,966,460
Ethnicity				
Hispanic	14,860	2.2%	\$641	\$68,818,479
Age Group				
00-14	97,589	14.7%	\$295	\$167,495,658
15-24	57,812	8.7%	\$457	\$155,416,987
25-34	85,001	12.8%	\$507	\$252,441,296
35-44	69,685	10.5%	\$586	\$306,223,308
45-54	79,148	11.9%	\$754	\$402,611,748
55-64	105,230	15.8%	\$921	\$581,043,141
65-74	105,725	15.9%	\$851	\$508,631,032
75+	64,624	9.7%	\$698	\$261,478,834
Primary Payer				
Medicare	169,495	25.5%	\$755	\$743,631,679
Medicaid	188,748	28.4%	\$466	\$557,060,298
Commercial	182,727	27.5%	\$709	\$855,444,941
Self Pay	84,859	12.8%	\$266	\$157,719,396
Other	39,068	5.9%	\$1,641	\$321,946,759
Public Health Region				
Anchorage	259,917	39.1%	\$516	\$1,059,338,942
Gulf Coast	88,214	13.3%	\$724	\$384,883,754
Interior	44,319	6.7%	\$1,736	\$249,602,592
Mat-Su	41,115	6.2%	\$3,486	\$469,671,903
Northern	91,742	13.8%	\$350	\$142,558,320
Southeast	66,820	10.0%	\$548	\$155,717,858
Southwest	69,404	10.4%	\$551	\$149,805,248
Out of State	3,157	0.5%	\$921	\$23,091,674
Annual Totals				
Alaska 2019	664,910	100.0%	\$582	\$2,635,838,706
Alaska 2018	618,047	93.0%	\$553	\$2,387,512,093
Alaska 2017	609,751	91.7%	\$547	\$2,174,923,218



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 CCS Diagnosis Categories
 - Alaska Top 10 CCS Categories with Examples of Top ICD-10-CM Principal Diagnoses
 - Visits by Patient Demographics

Outpatient Lab or Radiology Only Introduction

Diagnosis Aggregation

The 388,434 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 non-lab/radiology revenue codes, 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 letter coded groupings using the ICD-10-CM principal diagnosis code (the Z category was divided into two to display examinations separately). The ICD-10-CM coding letter groups are broader than the CCSR categories so they provide a more comprehensive but less focused view of the visits.

As in both the Inpatient and Emergency Department chapters, the second table in this section groups the outpatient lab/radiology-only discharges using the Agency for Healthcare Research and Quality Clinical Classification Software™ (CCSR) categories that aggregates diagnoses into 540 categories, and displays the top 10.

Demographics for each of top 10 categories are not presented in this section, but are available by making a special data request to the DPH Health Analytics and Vital Records Section.

Data Highlights

- In 2019, Alaska hospitals that reported to HFDR billed \$408 million exclusively for lab or radiology services which is a 6% increase over 2018. The number of 2019 lab/radiology visits decreased 3% to about 388,000 visits.
- The top 10 outpatient lab/radiology-only ICD-10-CM Categories cover 330,003, or 85.0%, of the 388,434 Alaska lab/radiology-only visits in 2019.
- The top 10 outpatient lab/radiology-only CCSR Diagnosis Categories cover 119,836 (30.9%) of the 388,434 Alaska lab/radiology-only visits in 2019.
- *Medical examinations/evaluation* was the top category in three of the seven regions, and in two of the regions *other specified upper respiratory infections* was the leader. The remaining two regions' top category was *Musculoskeletal pain, not low back pain* and *neoplasm-related encounters*.
- The leading principal diagnosis for each of the top 10 CCS categories is as follows: *Encounter for general adult medical examination without abnormal findings; Encounter for screening mammogram for malignant neoplasm of breast; Pain in right knee; Hypothyroidism, unspecified; Unspecified abdominal pain; Other abnormal and inconclusive findings on diagnostic imaging of breast; Acute pharyngitis, unspecified; Essential (primary) hypertension; Cervicalgia; and Encounter for screening, unspecified.*
- The median charge for the lab/radiology-only visits was \$529, and 62% of the visits were by females.

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HFDR OUTPATIENT LAB/RADIOLOGY-ONLY - 2019 Regional Top 10 ICD-10-CM Diagnosis Categories

Rank	ICD-10-CM Categories Description	Discharges	Percent
All of Alaska			
1	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	57,057	14.69%
2	Z00-Z13 Persons encountering health services for examinations	52,757	13.58%
3	M00-M99 Diseases of the musculoskeletal system and connective tissue	42,550	10.95%
4	E00-E89 Endocrine, nutritional and metabolic diseases	39,618	10.20%
5	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	30,616	7.88%
6	C00-D49 Neoplasms	27,546	7.09%
7	N00-N99 Diseases of the genitourinary system	26,643	6.86%
8	I00-I99 Diseases of the circulatory system	24,197	6.23%
9	J00-J99 Diseases of the respiratory system	15,844	4.08%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	13,175	3.39%
Anchorage Region			
1	Z00-Z13 Persons encountering health services for examinations	18,262	14.57%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	15,898	12.69%
3	E00-E89 Endocrine, nutritional and metabolic diseases	15,081	12.04%
4	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	12,779	10.20%
5	C00-D49 Neoplasms	11,441	9.13%
6	M00-M99 Diseases of the musculoskeletal system and connective tissue	9,931	7.93%
7	N00-N99 Diseases of the genitourinary system	8,386	6.69%
8	I00-I99 Diseases of the circulatory system	7,951	6.35%
9	D50-D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	4,371	3.49%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	3,678	2.94%
Gulf Coast Region			
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	10,182	16.38%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	9,166	14.74%
3	Z00-Z13 Persons encountering health services for examinations	8,918	14.34%
4	E00-E89 Endocrine, nutritional and metabolic diseases	5,995	9.64%
5	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	4,851	7.80%
6	N00-N99 Diseases of the genitourinary system	4,296	6.91%
7	I00-I99 Diseases of the circulatory system	4,235	6.81%
8	C00-D49 Neoplasms	2,795	4.50%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,738	4.40%
10	K00-K95 Diseases of the digestive system	1,482	2.38%
Interior Region			
1	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	14,450	17.53%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	11,735	14.23%
3	Z00-Z13 Persons encountering health services for examinations	9,709	11.78%
4	E00-E89 Endocrine, nutritional and metabolic diseases	8,527	10.34%
5	C00-D49 Neoplasms	8,454	10.25%
6	N00-N99 Diseases of the genitourinary system	4,868	5.90%
7	I00-I99 Diseases of the circulatory system	4,837	5.87%
8	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	4,209	5.10%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	2,441	2.96%
10	J00-J99 Diseases of the respiratory system	2,062	2.50%

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HFDR OUTPATIENT LAB/RADIOLOGY-ONLY - 2019 Regional Top 10 ICD-10-CM Diagnosis Categories- Continued

Matanuska-Susitna Region			
1	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	5,367	14.79%
2	Z00-Z13 Persons encountering health services for examinations	4,977	13.72%
3	N00-N99 Diseases of the genitourinary system	3,139	8.65%
4	E00-E89 Endocrine, nutritional and metabolic diseases	2,992	8.25%
5	M00-M99 Diseases of the musculoskeletal system and connective tissue	2,803	7.72%
6	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	2,478	6.83%
7	C00-D49 Neoplasms	2,200	6.06%
8	Unknown	2,029	5.59%
9	I00-I99 Diseases of the circulatory system	1,660	4.57%
10	J00-J99 Diseases of the respiratory system	1,655	4.56%
Northern Region			
1	J00-J99 Diseases of the respiratory system	3,162	15.03%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	2,682	12.75%
3	Z00-Z13 Persons encountering health services for examinations	2,560	12.17%
4	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	1,948	9.26%
5	M00-M99 Diseases of the musculoskeletal system and connective tissue	1,851	8.80%
6	E00-E89 Endocrine, nutritional and metabolic diseases	1,406	6.68%
7	N00-N99 Diseases of the genitourinary system	1,391	6.61%
8	I00-I99 Diseases of the circulatory system	1,338	6.36%
9	O00-O9A Pregnancy, childbirth, and puerperium	862	4.10%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	790	3.76%
Southeast Region			
1	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	6,868	16.40%
2	Z00-Z13 Persons encountering health services for examinations	6,448	15.40%
3	E00-E89 Endocrine, nutritional and metabolic diseases	4,902	11.71%
4	M00-M99 Diseases of the musculoskeletal system and connective tissue	4,247	10.14%
5	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	3,013	7.20%
6	I00-I99 Diseases of the circulatory system	3,004	7.17%
7	N00-N99 Diseases of the genitourinary system	2,915	6.96%
8	C00-D49 Neoplasms	1,589	3.80%
9	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	1,492	3.56%
10	J00-J99 Diseases of the respiratory system	1,279	3.05%
Southwest Region			
1	J00-J99 Diseases of the respiratory system	3,797	23.43%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	1,928	11.90%
3	Z00-Z13 Persons encountering health services for examinations	1,568	9.68%
4	M00-M99 Diseases of the musculoskeletal system and connective tissue	1,427	8.81%
5	N00-N99 Diseases of the genitourinary system	1,424	8.79%
6	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	1,081	6.67%
7	I00-I99 Diseases of the circulatory system	982	6.06%
8	S00-T88 Injury, poisoning, and certain other consequences of external causes	720	4.44%
9	C00-D49 Neoplasms	536	3.31%
10	E00-E89 Endocrine, nutritional and metabolic diseases	531	3.28%

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HFDR OUTPATIENT LAB/RADIOLOGY-ONLY - 2019 Regional Top 10 CCSR Categories

Rank	CCSR Diagnosis Category Description	Discharges	Percent
All of Alaska			
1	Medical examination/evaluation	19,771	5.1%
2	Neoplasm-related encounters	18,959	4.9%
3	Musculoskeletal pain, not low back pain	13,980	3.6%
4	Thyroid disorders	11,161	2.9%
5	Abdominal pain and other digestive/abdomen signs and symptoms	10,940	2.8%
6	Abnormal findings without diagnosis	10,429	2.7%
7	Other specified upper respiratory infections	9,089	2.3%
8	Essential hypertension	9,025	2.3%
9	Spondylopathies/spondyloarthropathy (including infective)	8,735	2.2%
10	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders)	7,747	2.0%
Anchorage Region			
1	Medical examination/evaluation	7,785	6.2%
2	Neoplasm-related encounters	5,615	4.5%
3	Thyroid disorders	3,936	3.1%
4	Abnormal findings without diagnosis	3,512	2.8%
5	Essential hypertension	3,365	2.7%
6	Diabetes mellitus without complication	3,125	2.5%
7	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders)	2,865	2.3%
8	Abdominal pain and other digestive/abdomen signs and symptoms	2,792	2.2%
9	Uncomplicated pregnancy, delivery or puerperium	2,713	2.2%
10	Musculoskeletal pain, not low back pain	2,506	2.0%
Gulf Coast Region			
1	Medical examination/evaluation	3,704	6.0%
2	Neoplasm-related encounters	3,374	5.4%
3	Musculoskeletal pain, not low back pain	3,244	5.2%
4	Spondylopathies/spondyloarthropathy (including infective)	2,528	4.1%
5	Abdominal pain and other digestive/abdomen signs and symptoms	1,945	3.1%
6	Thyroid disorders	1,883	3.0%
7	Abnormal findings without diagnosis	1,676	2.7%
8	Osteoarthritis	1,347	2.2%
9	Essential hypertension	1,298	2.1%
10	Respiratory signs and symptoms	1,108	1.8%
Interior Region			
1	Musculoskeletal pain, not low back pain	4,824	5.9%
2	Neoplasm-related encounters	4,799	5.8%
3	Thyroid disorders	2,599	3.2%
4	Abdominal pain and other digestive/abdomen signs and symptoms	2,597	3.1%
5	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders)	2,510	3.0%
6	Respiratory signs and symptoms	2,417	2.9%
7	Spondylopathies/spondyloarthropathy (including infective)	2,204	2.7%
8	Abnormal findings without diagnosis	2,070	2.5%
9	Genitourinary signs and symptoms	1,650	2.0%
10	Medical examination/evaluation	1,589	1.9%

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HFDR OUTPATIENT LAB/RADIOLOGY-ONLY - 2019 Regional Top 10 CCSR Categories – Continued

Matanuska-Susitna Region			
1	Medical examination/evaluation	3,225	9.4%
2	Neoplasm-related encounters	1,171	3.4%
3	Abdominal pain and other digestive/abdomen signs and symptoms	1,120	3.3%
4	Abnormal findings without diagnosis	930	2.7%
5	Musculoskeletal pain, not low back pain	927	2.7%
6	Thyroid disorders	880	2.6%
7	Urinary tract infections	835	2.4%
8	Uncomplicated pregnancy, delivery or puerperium	759	2.2%
9	Genitourinary signs and symptoms	705	2.1%
10	Essential hypertension	650	1.9%
Northern Region			
1	Other specified upper respiratory infections	2,510	11.9%
2	Medical examination/evaluation	911	4.3%
3	Uncomplicated pregnancy, delivery or puerperium	675	3.2%
4	Abdominal pain and other digestive/abdomen signs and symptoms	612	2.9%
5	Musculoskeletal pain, not low back pain	592	2.8%
6	Encounter for administrative purposes	581	2.8%
7	Essential hypertension	536	2.5%
8	Neoplasm-related encounters	484	2.3%
9	Diabetes mellitus without complication	476	2.3%
10	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders)	432	2.1%
Southeast Region			
1	Neoplasm-related encounters	3,156	7.5%
2	Medical examination/evaluation	1,925	4.6%
3	Abnormal findings without diagnosis	1,521	3.6%
4	Musculoskeletal pain, not low back pain	1,431	3.4%
5	Abdominal pain and other digestive/abdomen signs and symptoms	1,413	3.4%
6	Thyroid disorders	1,329	3.2%
7	Essential hypertension	1,290	3.1%
8	Diabetes mellitus without complication	1,193	2.8%
9	Spondylopathies/spondyloarthropathy (including infective)	828	2.0%
10	Uncomplicated pregnancy, delivery or puerperium	814	1.9%
Southwest Region			
1	Other specified upper respiratory infections	3,291	20.3%
2	Exposure, encounters, screening or contact with infectious disease	641	4.0%
3	Medical examination/evaluation	525	3.2%
4	Urinary tract infections	514	3.2%
5	Abdominal pain and other digestive/abdomen signs and symptoms	358	2.2%
6	Genitourinary signs and symptoms	306	1.9%
7	Spondylopathies/spondyloarthropathy (including infective)	300	1.9%
8	Neoplasm-related encounters	284	1.8%
9	Abnormal findings without diagnosis	284	1.8%
10	Essential hypertension	281	1.7%

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2019 Outpatient Lab/Radiology-Only CCSR Categories with Examples of Diagnoses

CCSR Rank	CCSR Description	ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Medical examination/evaluation	1	Encounter for general adult medical examination without abnormal findings	6,087
		2	Encounter for other preprocedural examination	4,475
		3	Encounter for preprocedural laboratory examination	3,543
2	Neoplasm-related encounters	1	Encounter for screening mammogram for malignant neoplasm of breast	14,815
		2	Encounter for screening for malignant neoplasm of colon	1,564
		3	Encounter for screening for malignant neoplasm of cervix	1,236
3	Musculoskeletal pain, not low back pain	1	Pain in right knee	1,457
		2	Pain in left knee	1,395
		3	Pain in right shoulder	920
4	Thyroid disorders	1	Hypothyroidism, unspecified	6,633
		2	Thyrotoxicosis, unspecified without thyrotoxic crisis or storm	927
		3	Nontoxic single thyroid nodule	750
5	Abdominal pain and other digestive/abdomen signs and symptoms	1	Unspecified abdominal pain	3,028
		2	Diarrhea, unspecified	1,647
		3	Right upper quadrant pain	998
6	Abnormal findings without diagnosis	1	Other abnormal and inconclusive findings on diagnostic imaging of breast	947
		2	Elevated prostate specific antigen [PSA]	917
		3	Other specified abnormal findings of blood chemistry	902
7	Other specified upper respiratory infections	1	Acute pharyngitis, unspecified	6,566
		2	Streptococcal pharyngitis	897
		3	Acute upper respiratory infection, unspecified	887
8	Essential hypertension	1	Essential (primary) hypertension	9,025
9	Spondylopathies/spondyloarthropathy (including infective)	1	Cervicalgia	929
		2	Spondylosis without myelopathy or radiculopathy, lumbar region	587
		3	Other intervertebral disc degeneration, lumbar region	560
10	Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders)	1	Encounter for screening, unspecified	1,137
		2	Encounter for screening for other disorder	954
		3	Encounter for screening for diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	867

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2019 100% of Outpatient Lab/Radiology-Only Visits:

All Outpatient Lab/Radiology-Only Visits

	Discharges	Percent of Category	Median Charge	Total Charges
Sex				
Male	148,202	38.2%	\$529	\$169,894,549
Female	240,214	61.8%	\$528	\$237,915,000
Race				
White	241,623	62.2%	\$503	\$238,547,383
AI/AN	90,756	23.4%	\$731	\$116,830,895
Asian/PI	19,211	4.9%	\$434	\$16,943,870
Black	10,158	2.6%	\$451	\$10,292,248
Ethnicity				
Hispanic	11,555	3.0%	\$493	\$10,445,192
Age Group				
00-14	30,202	7.8%	\$270	\$16,609,082
15-24	28,569	7.4%	\$495	\$24,255,772
25-34	45,426	11.7%	\$535	\$41,905,197
35-44	44,083	11.3%	\$567	\$44,806,436
45-54	51,415	13.2%	\$593	\$58,217,075
55-64	75,142	19.3%	\$575	\$89,060,472
65-74	71,545	18.4%	\$538	\$86,462,099
75+	42,042	10.8%	\$484	\$46,498,209
Primary Payer				
Medicare	107,472	27.7%	\$526	\$123,173,499
Medicaid	79,794	20.5%	\$506	\$75,488,387
Commercial	151,504	39.0%	\$523	\$150,593,504
Self Pay	23,144	6.0%	\$697	\$27,723,283
Other	26,519	6.8%	\$559	\$30,837,667
Public Health Region				
Anchorage	125,305	32.3%	\$500	\$141,415,040
Gulf Coast	62,174	16.0%	\$666	\$73,608,945
Interior	82,452	21.2%	\$413	\$66,215,238
Mat-Su	36,285	9.3%	\$729	\$46,912,228
Northern	21,034	5.4%	\$480	\$22,287,355
Southeast	41,870	10.8%	\$496	\$36,462,554
Southwest	16,203	4.2%	\$408	\$18,432,685
Out of State	2,921	0.8%	\$398	\$2,308,818
Annual Totals				
Alaska 2019	388,434	100.0%	\$529	\$407,816,558
Alaska 2018	402,499	103.6%	\$497	\$385,060,274
Alaska 2017	396,852	102.2%	\$486	\$358,728,496



APPENDICES

- Appendix A: Health Facilities Submitting Data for 2019
- Appendix B: Boroughs or Census Areas within each Alaska Public Health Region
- Appendix C: Inpatient Diagnosis Related Groups (DRGs) Data Tables
- Appendix D: Outpatient Lab/Radiology Revenue Codes
- Appendix E: Glossary of Terms

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Appendix A: Health Facilities Submitting Data for 2019

HOSPITALS	AMBULATORY SURGICAL 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 Spine Center
Central Peninsula Hospital	Alaska Surgery Center
Cordova Community Medical Center	Alpine Surgery Center
Fairbanks Memorial Hospital	Anchorage Endoscopy Center
Manilaq Health Center	Arctic Surgery Center
Mat-Su Regional Medical Center	Aurora Surgery Center
Mt. Edgecumbe Medical Center	Creekside Surgery Center
North Star Hospital	Geneva Woods Surgical Center
Norton Sound Regional Hospital	Muldoon ASC
PeaceHealth Ketchikan Medical Center	Pacific Cataract and Laser Institute
Petersburg Medical Center	South Anchorage Surgery Center
Providence Alaska Medical Center	Southeast Alaska Surgery Center
Providence Kodiak Island Medical Center	Surgery Center of Anchorage
Providence Seward Medical and Care Center	Surgery Center of Fairbanks
Providence Valdez Medical Center	Surgery Center of Kenai
Samuel Simmonds Memorial Hospital	Surgery Center of Wasilla
Sitka Community Hospital*	Susitna Surgery Center
South Peninsula Hospital	
St. Elias Specialty Hospital	
Wrangell Medical Center*	
Yukon Kuskokwim Delta Regional Hospital	

**2019 data does not include records from the following facility: Wrangell Medical Center (Southeast Region). Also, Sitka Community Hospital only includes data from quarters one and two as the emergency and acute care services closed in July 2019.*

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Appendix B: Boroughs or Census Areas within each Alaska Public Health Region

REGION	BOROUGH or CENSUS AREA
Anchorage	ANCHORAGE MUNICIPALITY
Gulf Coast	KENAI PENINSULA BOROUGH KODIAK ISLAND BOROUGH VALDEZ-CORDOVA CENSUS AREA
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 - 2019 Regional Top 10 DRGs

Rank	DRG Diagnosis Category Description	Discharges	Percent
All of Alaska			
1	NORMAL NEWBORN	4,135	6.9%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	3,586	6.0%
3	PSYCHOSES	2,285	3.8%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	2,180	3.6%
5	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	2,137	3.6%
6	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	1,672	2.8%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	1,092	1.8%
8	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	932	1.6%
9	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	902	1.5%
10	CESAREAN SECTION W/O STERILIZATION W/O CC/MCC	820	1.4%
Anchorage Region			
1	NORMAL NEWBORN	1,781	7.3%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	1,485	6.1%
3	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	1,034	4.3%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	801	3.3%
5	PSYCHOSES	704	2.9%
6	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	594	2.5%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	492	2.0%
8	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	472	1.9%
9	CESAREAN SECTION W/O STERILIZATION W/O CC/MCC	366	1.5%
10	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	360	1.5%
Gulf Coast Region			
1	NORMAL NEWBORN	433	6.0%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	412	5.7%
3	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	304	4.2%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	292	4.0%
5	PSYCHOSES	207	2.8%
6	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	187	2.6%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	126	1.7%
8	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	113	1.6%
9	CESAREAN SECTION W/O STERILIZATION W/O CC/MCC	109	1.5%
10	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	101	1.4%
Interior Region			
1	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	597	9.7%
2	PSYCHOSES	547	8.9%
3	NORMAL NEWBORN	531	8.7%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	309	5.0%
5	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	254	4.1%
6	DEPRESSIVE NEUROSES	139	2.3%
7	CESAREAN SECTION W/O STERILIZATION W/O CC/MCC	99	1.6%
8	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	99	1.6%
9	NEUROSES EXCEPT DEPRESSIVE	88	1.4%
10	FULL TERM NEONATE W MAJOR PROBLEMS	76	1.2%

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HFDR INPATIENT - 2019 Regional Top 10 DRGs– Continued

Matanuska-Susitna Region			
1	NORMAL NEWBORN	649	7.9%
2	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	522	6.3%
3	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	444	5.4%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	218	2.6%
5	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	209	2.5%
6	PSYCHOSES	186	2.3%
7	CESAREAN SECTION W/O STERILIZATION W/O CC/MCC	153	1.9%
8	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	138	1.7%
9	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	130	1.6%
10	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W MCC	107	1.3%
Northern Region			
1	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	216	5.3%
2	NORMAL NEWBORN	205	5.1%
3	PSYCHOSES	155	3.8%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	145	3.6%
5	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	117	2.9%
6	OTHER DISORDERS OF NERVOUS SYSTEM W/O CC/MCC	93	2.3%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	86	2.1%
8	POISONING & TOXIC EFFECTS OF DRUGS W/O MCC	84	2.1%
9	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	76	1.9%
10	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	76	1.9%
Southeast Region			
1	NORMAL NEWBORN	234	5.2%
2	PSYCHOSES	231	5.1%
3	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	213	4.7%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	188	4.2%
5	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	177	3.9%
6	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	162	3.6%
7	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	135	3.0%
8	VAGINAL DELIVERY W/O STERILIZATION/D&C W CC	88	1.9%
9	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	80	1.8%
10	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	69	1.5%
Southwest Region			
1	NORMAL NEWBORN	294	6.8%
2	NEONATE W OTHER SIGNIFICANT PROBLEMS	222	5.1%
3	PSYCHOSES	205	4.7%
4	PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS	186	4.3%
5	VAGINAL DELIVERY W/O STERILIZATION/D&C W/O CC/MCC	132	3.0%
6	POSTPARTUM & POST ABORTION DIAGNOSES W/O O.R. PROCEDURE	116	2.7%
7	VAGINAL DELIVERY W/O STERILIZATION/D&C W MCC	115	2.6%
8	BRONCHITIS & ASTHMA W/O CC/MCC	95	2.2%
9	CELLULITIS W/O MCC	89	2.0%
10	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	88	2.0%

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Appendix D: Outpatient Laboratory and Radiology Revenue Codes

Code	Revenue Code Description	Code	Revenue Code Description
300	Laboratory - General Classification	350	CT Scan - General Classification
301	Laboratory - Chemistry	351	CT Scan - CT Head Scan
302	Laboratory - Immunology	352	CT Scan - CT Body Scan
303	Laboratory - Renal Patient (Home)	359	CT Scan - CT - Other
304	Laboratory - Non-Routine Dialysis	400	Other Imaging Services - General Classification
305	Laboratory - Hematology	401	Other Imaging Services - Diagnostic Mammography
306	Laboratory - Bacteriology and Microbiology	402	Other Imaging Services - Ultrasound
307	Laboratory - Urology	403	Other Imaging Services - Screening Mammography
309	Laboratory - Other Laboratory	404	Other Imaging Services - Positron Emission Tomography
310	Laboratory Pathology - General Classification	409	Other Imaging Services - Other Imaging Services
311	Laboratory Pathology - Cytology	482	Cardiology - Stress Test
312	Laboratory Pathology - Histology	483	Cardiology - Echocardiology
314	Laboratory Pathology - Biopsy	610	Magnetic Resonance Technology (MRT) - General Classification
319	Laboratory Pathology - Other Laboratory Pathology	611	Magnetic Resonance Technology (MRT) - MRI - Brain/Brainstem
320	Radiology - Diagnostic - General Classification	612	Magnetic Resonance Technology (MRT) - MRI Spinal Cord/Spine
321	Radiology - Diagnostic - Angiocardiology	614	Magnetic Resonance Technology (MRT) - MRI - Other
322	Radiology - Diagnostic - Arthrography	615	Magnetic Resonance Technology (MRT) - MRA - Head and Neck
323	Radiology - Diagnostic - Arteriography	616	Magnetic Resonance Technology (MRT) - MRA - Lower Extremities
324	Radiology - Diagnostic - Chest X-Ray	618	Magnetic Resonance Technology (MRT) - MRA - Other
329	Radiology - Diagnostic - Other Radiology - Diagnostic	619	Magnetic Resonance Technology (MRT) - Other MRT
330	Radiology - Therapeutic and/or Chemotherapy Administration - General Classification	730	EKG/ECG (Electrocardiogram) - General Classification
331	Radiology - Therapeutic and/or Chemotherapy Administration - Chemotherapy Admin - Injected	731	EKG/ECG (Electrocardiogram) - Holter Monitor
332	Radiology - Therapeutic and/or Chemotherapy Administration - Chemotherapy Admin - Oral	732	EKG/ECG (Electrocardiogram) - Telemetry
333	Radiology - Therapeutic and/or Chemotherapy Administration - Radiation Therapy	739	EKG/ECG (Electrocardiogram) - Other EKG/ECG
335	Radiology - Therapeutic and/or Chemotherapy Administration - Chemotherapy Admin - IV	740	EEG (Electroencephalogram) - General Classification
339	Radiology - Therapeutic and/or Chemotherapy Administration - Other Radiology - Therapeutic	860	Magnetoencephalography (MEG) - General Classification
340	Nuclear Medicine - General Classification	861	Magnetoencephalography (MEG) - MEG
341	Nuclear Medicine - Diagnostic	920	Other Diagnostic Services - General Classification
342	Nuclear Medicine - Therapeutic	921	Other Diagnostic Services - Peripheral Vascular Lab
343	Nuclear Medicine - Diagnostic Radiopharmaceuticals	922	Other Diagnostic Services - Electromyelogram
344	Nuclear Medicine - Therapeutic Radiopharmaceuticals	923	Other Diagnostic Services - Pap smear
349	Nuclear Medicine - Other Nuclear Medicine	924	Other Diagnostic Services - Allergy Test
		925	Other Diagnostic Services - Pregnancy Test
		929	Other Diagnostic Services - Other Diagnostic Service

Appendix E: Glossary of Terms

AHRQ Clinical Classification Software Refined (CCSR)

For both inpatient and outpatient discharges, this diagnosis grouper, designed by the Agency for Healthcare Research and Quality (AHRQ), aggregates ICD-10-CM codes into 540 categories. The Clinical Classification Software Refined summarizes the diagnosis data at a higher level than the 760 DRG categories groups, combining diagnosis codes into about 70 percent of the number of DRG 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 to the primary payer from the medical facility. Any charges related to the discharge, but not billed by the facility, are not included in billed charges, for example, some physicians might bill separately. Additionally, billed charges 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 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 is used in this report. Diagnosis code groupers such as CCSR combine diagnosis codes into logical 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 about 760 categories.

Discharge

The point at which a patient officially leaves a medical facility. The same individual can have multiple discharges in one year and each discharge is counted. 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

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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 lab/radiology-only

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

Line item charges on any outpatient bill that contain a Surgery CPT code, 10004 through 69990, except for CPT codes identified as Collection of Venous Blood by Venipuncture, 36000 through 36598.

Primary Payer

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