

State of Alaska

Department of Health and Social Services



# Alaska Health Facilities Data Reporting Program 2018 Annual Report

Alaska Division of Public Health

Health Analytics and Vital Records Section





Alaska Health Facilities Data Reporting Program  
2018 Annual Report

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## PURPOSE OF THIS REPORT

The Alaska Health Facilities Data Reporting Program (HFDR) 2018 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 all other outpatient visits that are not emergency department. 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/](https://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 - 2018 Facility Discharge<sup>1</sup> Counts Summary

	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient All Other
<b>Sex</b>				
Male	26,754	133,387	40,336	366,811
Female	33,737	158,213	44,825	568,500
<b>Race</b>				
White	32,740	123,560	49,578	396,155
AI/AN	17,236	111,637	14,822	415,573
Asian/PI	3,798	17,716	3,459	26,976
Black	1,961	13,060	1,989	15,284
<b>Ethnicity</b>				
Hispanic	1,838	12,097	2,646	22,957
<b>Age Group</b>				
00-14	11,473	48,817	7,883	114,771
15-24	5,003	39,228	4,356	82,202
25-34	8,722	54,255	6,917	121,698
35-44	5,360	39,910	9,123	101,495
45-54	5,517	36,129	14,451	118,641
55-64	8,257	34,494	20,403	159,509
65-74	8,315	22,681	15,712	146,671
75+	7,852	16,077	6,337	90,358
<b>Primary Payer</b>				
Medicare	16,830	44,618	19,842	233,559
Medicaid	21,236	123,097	16,771	242,532
Commercial	15,019	67,729	35,276	300,750
Self-Pay	3,110	30,103	4,098	105,515
Other	4,257	25,737	9,195	49,986
<b>Public Health Region</b>				
Anchorage	23,831	121,284	37,440	324,166
Gulf Coast	7,400	24,615	11,544	134,731
Interior	6,522	29,978	7,405	115,145
Mat-Su	8,071	31,022	15,047	61,823
Northern	3,960	22,292	2,563	104,386
Southeast	5,294	25,027	6,541	116,408
Southwest	4,249	29,526	4,099	73,156
Out of State	1,084	7,309	510	5,167
<b>Annual Totals</b>				
Alaska 2018	60,500	291,605	85,184	935,362
Alaska 2017	61,653	302,149	81,631	924,972
Alaska 2016	62,757	312,483	81,681	835,553

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

Data Sources: Alaska Health Analytics and Vital Records, Health Facilities Data Reporting Program 2018v4, 2017v6, and 2016v10 datasets

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## HFDR OVERVIEW - 2018 Facility Billed Charges<sup>1</sup> Summary

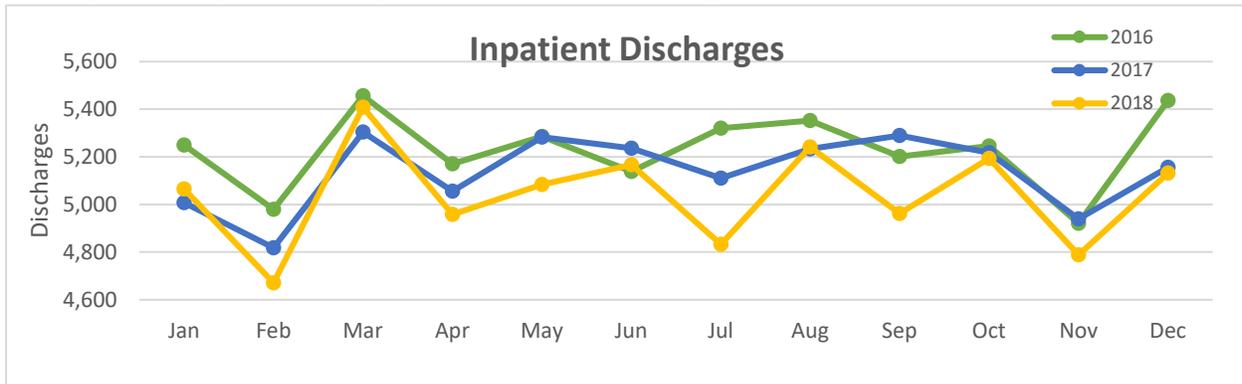
	Inpatient	Outpatient Emergency	Outpatient Surgery	Outpatient All Other
<b>Sex</b>				
Male	\$2,085,666,825	\$457,637,729	\$640,413,695	\$629,896,158
Female	\$1,903,780,943	\$556,614,380	\$663,792,696	\$837,963,641
<b>Race</b>				
White	\$2,424,308,437	\$488,993,612	\$814,715,334	\$766,276,129
AI/AN	\$885,696,580	\$339,885,872	\$208,108,862	\$526,266,194
Asian/PI	\$252,139,379	\$62,092,349	\$51,806,347	\$50,823,864
Black	\$155,452,621	\$46,383,206	\$30,216,316	\$39,442,657
<b>Ethnicity</b>				
Hispanic	\$109,346,745	\$40,606,236	\$32,502,376	\$36,846,394
<b>Age Group</b>				
00-14	\$458,124,763	\$89,262,640	\$99,342,110	\$78,355,192
15-24	\$204,895,774	\$116,072,807	\$79,003,605	\$97,129,304
25-34	\$363,830,628	\$179,236,112	\$123,404,081	\$151,770,969
35-44	\$313,141,493	\$147,436,351	\$158,607,558	\$156,637,175
45-54	\$458,133,534	\$144,666,806	\$226,616,487	\$212,437,993
55-64	\$776,112,135	\$149,222,000	\$310,308,398	\$310,186,654
65-74	\$791,377,457	\$107,160,206	\$216,420,418	\$294,068,326
75+	\$624,008,723	\$81,136,704	\$90,965,935	\$167,290,231
<b>Primary Payer</b>				
Medicare	\$1,477,755,594	\$208,056,891	\$281,397,284	\$469,235,091
Medicaid	\$1,200,720,230	\$385,726,016	\$246,775,633	\$339,481,401
Commercial	\$825,323,458	\$242,599,804	\$536,682,924	\$445,057,077
Self-Pay	\$128,259,132	\$96,753,654	\$64,307,022	\$108,949,006
Other	\$357,271,908	\$80,633,466	\$175,503,499	\$104,008,338
<b>Public Health Region</b>				
Anchorage	\$1,846,167,387	\$477,238,260	\$557,581,541	\$529,454,571
Gulf Coast	\$451,011,719	\$92,456,355	\$176,074,290	\$239,490,893
Interior	\$353,257,142	\$83,853,942	\$104,406,113	\$180,168,224
Mat-Su	\$650,645,820	\$139,073,474	\$305,911,750	\$166,024,845
Northern	\$153,784,850	\$51,875,733	\$38,210,359	\$102,659,653
Southeast	\$230,290,834	\$67,806,290	\$58,034,089	\$142,127,436
Southwest	\$198,764,107	\$72,545,573	\$55,000,826	\$95,842,861
Out of State	\$97,579,126	\$27,432,150	\$8,619,815	\$11,262,290
<b>Annual Totals</b>				
Alaska 2018	\$3,989,625,263	\$1,014,262,461	\$1,304,670,883	\$1,467,901,484
Alaska 2017	\$3,675,873,897	\$949,321,034	\$1,186,690,831	\$1,346,960,883
Alaska 2016	\$3,429,002,047	\$894,925,146	\$1,108,359,148	\$1,254,671,989

<sup>1</sup>Billed 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 2018v4, 2017v6, and 2016v10 datasets

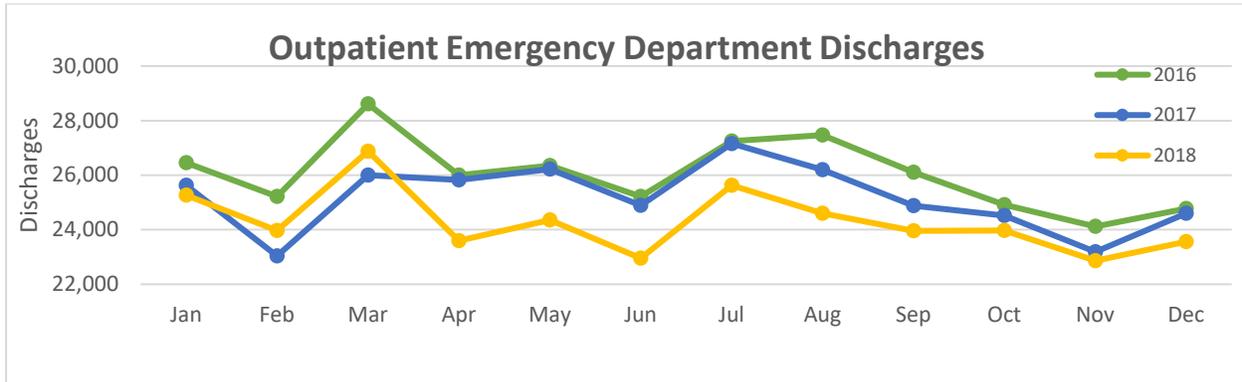
# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## Facility Discharge Counts by Month for 2016 through 2018



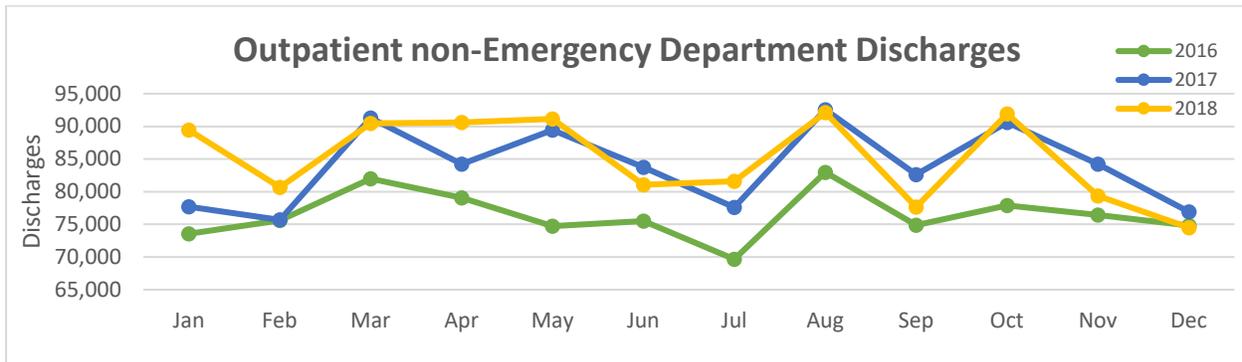
**Inpatient Discharges by Month**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2016	5,250	4,980	5,456	5,170	5,286	5,138	5,320	5,353	5,201	5,246	4,921	5,436
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



**Outpatient Emergency Department Discharges by Month**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2016	26,459	25,218	28,608	26,003	26,349	25,216	27,247	27,465	26,108	24,920	24,117	24,773
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



**Outpatient Non-Emergency Department Discharges by Month**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2016	73,568	75,624	82,008	79,074	74,739	75,501	69,666	82,979	74,898	77,913	76,443	74,821
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

## 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 2018 are from the fourth year of reporting under regulation 7 AAC 27.660. Twenty-four non-military hospitals and twenty ambulatory surgery centers submitted data to the Department during this time. In 2016 and 2017, twenty-five hospitals submitted discharges; one of the smaller hospitals in the Southeast Region did not submit for 2018. The datasets contain a total of over 1.3 million records 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 2018.

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 or social security numbers. 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

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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 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](mailto: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 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 2018 inpatient datasets contains about 60,000 discharge records and almost 828,000 revenue records, and the outpatient datasets contains about 1.3 million discharge records and almost 5.8 million revenue records.

### Dataset and Data Analysis Requests

Five healthcare facilities and the Alaska State Hospital and Nursing Home Association requested and received 2018 healthcare operations datasets. The Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP) requested and received the 2018 inpatient datasets to include in the National Inpatient Sample, a 48-state dataset used for national health services research and policy

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analysis, located at [Link for National Inpatient Sample Overview](#).

The Division has used 2018 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
- Asthma-related hospitalizations
- Diaper dermatitis, candidiasis, and urinary tract infection for under age five
- Potentially preventable hospitalizations
- Intentional self-harm visits and stays
- Substance misuse discharges
- Cerebral infarction hospitalizations

### Quality Improvement

All 20 ambulatory surgical centers and all except one of the 25 non-military hospital submitted discharge data for 2018. The facilities are listed in Appendix A. The inpatient record count is estimated to be 99% complete and the outpatient record count is estimated to be 97% complete. The small percentage incomplete data are due to one facility (Southeast Public Health Region) not submitting data in 2018 and 2 facilities (Northern and Southwest Public Health Regions) having some incomplete months of data.

In 2018, most facilities reported quarterly data by the due date, allowing quarterly datasets to be extracted within a week 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 error rate remained roughly the same from 2017 to 2018 at 11% of the discharge records. The outpatient error rate declined from 11% for 2017 to 9% for 2018. Errors were found for 100 different edit checks.

### 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 dataset 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 expected payer at the time of the hospital stay or visit.
- 2018 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 2018, one facility in the Southeast Public Health Region did not submit any discharge data. One facility in the Northern, and one in the Southwest Public Health Region did not submit a portion of their discharge data.
- Regional reports are summarized by patient's region of residence.
- Discharges are grouped by principal diagnoses into groups by AHRQ HCUP Clinical Classification Software (CCS).
- 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 stay or visit can have one or more procedures.
- The data in this report are generated from the 2018 version 4 dataset.

## SOURCES

Alaska Department of Health and Social Services, Division of Public Health, Health Analytics and Vital Records Section, Health Facilities Data Reporting Program, 2018v4dataset.



## INPATIENT CHAPTER

- Inpatient Introduction
- Inpatient Tables
  - Alaska and Regional Leading Causes of Hospitalization (LCOH)
  - Alaska 10 LCOH with Examples of Top ICD-10-CM Diagnoses
  - 10 LCOH by Patient Demographics
    - *All Inpatient Discharges*
    - *#1 at 12.7% Liveborn Infant*
    - *#2 at 6.1% Septicemia (except in labor)*
    - *#3 at 3.6% Other complications of birth, puerperium*
    - *#4 at 3.2% Osteoarthritis*
    - *#5 at 3.2% Mood disorders*
    - *#6 at 2.0% Alcohol-related disorders*
    - *#7 at 1.9% Hypertension with complications & secondary hypertension*
    - *#8 at 1.8% Acute myocardial infarction*
    - *#9 at 1.7% Acute cerebrovascular disease*
    - *#10 at 1.7% Spondylosis, intervertebral disc disorders, other back Problems*
- 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 (CCS), was used on the inpatient data, which aggregates diagnoses into 260 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 \$4.0 billion for nearly 61,000 stays in 2018 resulting in 370,000 days in the hospital. For perspective, the total HFDR *outpatient* billings were \$3.8 billion for 1.3 million visits.
- Overall, the number of inpatient stays declined by 2% in 2017 and 2% in 2018, while inpatient billed charges increased by 7% in 2017 and 9% in 2018.
- The top 10 Inpatient CCS diagnosis categories, or the leading causes of hospitalization (LCOH), include 22,858 (or 37.8%) of the 60,500 total inpatient stays in 2018.
- *Liveborn infants* were the LCOH in Alaska for the residents of each of the seven regions. The second most common diagnoses categories by region were *septicemia (except in labor)* for four of the regions; *other complications of birth, puerperium affecting management of mother*, for residents of the Northern and Southwest Regions; and *mood disorders* for Interior Region residents.
- The statewide 5 LCOH summary for 2018 is as follows:
  - For stays related to *liveborn infants*, the median length of stay was 2 days, the median charge was \$4,911, and the most common primary payer was Medicaid at 44% of discharges.
  - For *septicemia (except in labor)* the median length of stay was 5 days, the median charge was \$61,262, and the most common primary payer was Medicare at 46%.
  - The median length of stay for *other complications of birth, puerperium affecting management of mother* was 2 days, the median charge was \$16,499, and the most common primary payer was Medicaid at 51%.
  - For *osteoarthritis* the median length of stay was 2 days, the median charge was \$81,977, and the most common primary payer was Medicare at 53%.
  - The median length of stay for *mood disorders* was 7 days, the median charge was \$35,698, and the most common primary payer was Medicaid at 54%.
- Comparing the 10 LCOH by gender, the categories with the highest percentage of female patients, aside from diagnoses related to childbirth, were *mood disorders* at 56% and *osteoarthritis* at 53% female. The categories with the highest percentage of male patients were *acute myocardial infarction* at 67% and *alcohol-related disorders* at 59% male.

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- The LCOH for inpatients under age 1 was *liveborn infant*, for children ages 1 to 17 was *mood disorders*, for adults age 18 to 64 was *other complications of birth, puerperium affecting management of mother*, and for adults age 65 and over was *septicemia (except in labor)*.

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## HFDR INPATIENT - 2018 Regional LCOH

Rank	CCS Diagnosis Category Description	Discharges	Percent
<b>All of Alaska</b>			
1	Liveborn infant	7,655	12.7%
2	Septicemia (except in labor)	3,698	6.1%
3	Other complications of birth, puerperium affecting management of mother	2,179	3.6%
4	Osteoarthritis	1,911	3.2%
5	Mood disorders	1,910	3.2%
6	Alcohol-related disorders	1,199	2.0%
7	Hypertension with complications and secondary hypertension	1,143	1.9%
8	Acute myocardial infarction	1,068	1.8%
9	Acute cerebrovascular disease	1,048	1.7%
10	Spondylosis, intervertebral disc disorders, other back problems	1,047	1.7%
<b>Anchorage Region</b>			
1	Liveborn infant	3,056	12.8%
2	Septicemia (except in labor)	1,709	7.2%
3	Other complications of birth, puerperium affecting management of mother	798	3.4%
4	Osteoarthritis	721	3.0%
5	Mood disorders	649	2.7%
6	Hypertension with complications and secondary hypertension	608	2.6%
7	Alcohol-related disorders	467	2.0%
8	Spondylosis, intervertebral disc disorders, other back problems	448	1.9%
9	Complication of device, implant or graft	431	1.8%
10	Acute cerebrovascular disease	427	1.8%
<b>Gulf Coast Region</b>			
1	Liveborn infant	842	11.4%
2	Septicemia (except in labor)	360	4.9%
3	Osteoarthritis	360	4.9%
4	Other complications of birth, puerperium affecting management of mother	213	2.9%
5	Spondylosis, intervertebral disc disorders, other back problems	188	2.5%
6	Hypertension with complications and secondary hypertension	159	2.2%
7	Chronic obstructive pulmonary disease and bronchiectasis	152	2.1%
8	Alcohol-related disorders	148	2.0%
9	Acute myocardial infarction	139	1.9%
10	Complication of device, implant or graft	137	1.9%
<b>Interior Region</b>			
1	Liveborn infant	1,039	15.9%
2	Mood disorders	451	6.9%
3	Other complications of birth, puerperium affecting management of mother	306	4.7%
4	Osteoarthritis	272	4.2%
5	Septicemia (except in labor)	153	2.3%
6	Schizophrenia and other psychotic disorders	126	1.9%
7	Hypertension complicating pregnancy, childbirth and the puerperium	119	1.8%
8	Spondylosis, intervertebral disc disorders, other back problems	112	1.7%
9	Acute myocardial infarction	109	1.7%
10	Other complications of pregnancy	103	1.6%

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## HFDR INPATIENT - 2018 Regional LCOH - Continued

Rank	CCS Diagnosis Category Description	Discharges	Percent
<b>Matanuska-Susitna Region</b>			
1	Liveborn infant	1,025	12.7%
2	Septicemia (except in labor)	750	9.3%
3	Other complications of birth, puerperium affecting management of mother	306	3.8%
4	Osteoarthritis	268	3.3%
5	Spondylosis, intervertebral disc disorders, other back problems	214	2.7%
6	Acute myocardial infarction	199	2.5%
7	Mood disorders	185	2.3%
8	Complication of device, implant or graft	181	2.2%
9	Acute cerebrovascular disease	144	1.8%
10	Previous C-section	143	1.8%
<b>Northern Region</b>			
1	Liveborn infant	421	10.6%
2	Other complications of birth, puerperium affecting management of mother	167	4.2%
3	Septicemia (except in labor)	165	4.2%
4	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	128	3.2%
5	Alcohol-related disorders	117	3.0%
6	Mood disorders	115	2.9%
7	Suicide and intentional self-inflicted injury	103	2.6%
8	Hypertension complicating pregnancy, childbirth and the puerperium	87	2.2%
9	Chronic obstructive pulmonary disease and bronchiectasis	74	1.9%
10	Skin and subcutaneous tissue infections	68	1.7%
<b>Southeast Region</b>			
1	Liveborn infant	607	11.5%
2	Septicemia (except in labor)	263	5.0%
3	Osteoarthritis	192	3.6%
4	Mood disorders	178	3.4%
5	Alcohol-related disorders	176	3.3%
6	Other complications of birth, puerperium affecting management of mother	129	2.4%
7	Schizophrenia and other psychotic disorders	113	2.1%
8	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	107	2.0%
9	Skin and subcutaneous tissue infections	103	1.9%
10	Chronic obstructive pulmonary disease and bronchiectasis	98	1.9%
<b>Southwest Region</b>			
1	Liveborn infant	649	15.3%
2	Other complications of birth, puerperium affecting management of mother	253	6.0%
3	Mood disorders	180	4.2%
4	Septicemia (except in labor)	170	4.0%
5	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	131	3.1%
6	OB-related trauma to perineum and vulva	116	2.7%
7	Skin and subcutaneous tissue infections	112	2.6%
8	Schizophrenia and other psychotic disorders	109	2.6%
9	Acute bronchitis	101	2.4%
10	Hypertension complicating pregnancy, childbirth and the puerperium	100	2.4%

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## 2018 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	5,704
		2	SINGLE LIVEBORN INFANT, DELIVERED BY CESAREAN	1,720
		3	TWIN LIVEBORN INFANT, DELIVERED BY CESAREAN	124
2	Septicemia (except in labor)	1	SEPSIS, UNSPECIFIED ORGANISM	2,854
		2	SEPSIS DUE TO ESCHERICHIA COLI [E. COLI]	184
		3	OTHER SPECIFIED SEPSIS	105
3	Other complications of birth, puerperium affecting management of mother	1	STREPTOCOCCUS B CARRIER STATE COMPLICATING CHILDBIRTH	505
		2	ANEMIA COMPLICATING CHILDBIRTH	231
		3	LIVER AND BILIARY TRACT DISORDERS IN CHILDBIRTH	192
4	Osteoarthritis	1	UNILATERAL PRIMARY OSTEOARTHRITIS, RIGHT KNEE	497
		2	UNILATERAL PRIMARY OSTEOARTHRITIS, LEFT KNEE	470
		3	UNILATERAL PRIMARY OSTEOARTHRITIS, RIGHT HIP	357
5	Mood disorders	1	MAJOR DEPRESSV DISORDER, RECURRENT SEVERE W/O PSYCH FEATURES	574
		2	MAJOR DEPRESSIVE DISORDER, SINGLE EPISODE, UNSPECIFIED	272
		3	MAJOR DEPRESSV DISORD, SINGLE EPSD, SEV W/O PSYCH FEATURES	135
6	Alcohol-related disorders	1	ALCOHOL DEPENDENCE WITH WITHDRAWAL, UNSPECIFIED	428
		2	ALCOHOL DEPENDENCE WITH WITHDRAWAL DELIRIUM	173
		3	ALCOHOLIC CIRRHOSIS OF LIVER WITH ASCITES	73
7	Hypertension with complications and secondary hypertension	1	HYPERTENSIVE HEART DISEASE WITH HEART FAILURE	475
		2	HYP HRT & CHR KDNY DIS W HRT FAIL AND STG 1-4/UNSP CHR KDNY	428
		3	HYP HRT & CHR KDNY DIS W HRT FAIL AND W STG 5 CHR KDNY/ESRD	80
8	Acute myocardial infarction	1	NON-ST ELEVATION (NSTEMI) MYOCARDIAL INFARCTION	733
		2	STEMI INVOLVING OTH CORONARY ARTERY OF INFERIOR WALL	119
		3	STEMI INVOLVING OTH CORONARY ARTERY OF ANTERIOR WALL	91
9	Acute cerebrovascular disease	1	CEREBRAL INFARCTION, UNSPECIFIED	365
		2	OTHER CEREBRAL INFARCTION	118
		3	CEREB INFRC DUE TO EMBOLISM OF LEFT MIDDLE CEREBRAL ARTERY	50
10	Spondylosis, intervertebral disc disorders, other back problems	1	SPINAL STENOSIS, CERVICAL REGION	189
		2	SPINAL STENOSIS, LUMBAR REGION WITHOUT NEUROGENIC CLAUD	165
		3	SPINAL STENOSIS, LUMBAR REGION WITH NEUROGENIC CLAUDICATION	158

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 100% of Inpatient Discharges: All Inpatient Stays

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	26,754	44.2%	\$41,482	\$2,085,666,825	3	179,974
Female	33,737	55.8%	\$30,240	\$1,903,780,943	3	192,666
<b>Race</b>						
White	32,740	54.1%	\$42,607	\$2,424,308,437	3	206,130
AI/AN	17,236	28.5%	\$26,320	\$885,696,580	3	92,483
Asian/PI	3,798	6.3%	\$31,410	\$252,139,379	3	19,497
Black	1,961	3.2%	\$45,335	\$155,452,621	3	13,388
<b>Ethnicity</b>						
Hispanic	1,838	3.0%	\$31,431	\$109,346,745	3	9,155
<b>Age Group</b>						
00-14	11,473	19.0%	\$7,376	\$458,124,763	2	52,100
15-24	5,003	8.3%	\$23,926	\$204,895,774	3	25,989
25-34	8,722	14.4%	\$23,926	\$363,830,628	2	34,649
35-44	5,360	8.9%	\$32,726	\$313,141,493	3	26,331
45-54	5,517	9.1%	\$52,525	\$458,133,534	3	33,858
55-64	8,257	13.6%	\$58,965	\$776,112,135	3	56,301
65-74	8,315	13.7%	\$60,344	\$791,377,457	4	56,673
75+	7,852	13.0%	\$51,546	\$624,008,723	4	83,834
<b>Primary Payer</b>						
Medicare	16,830	27.8%	\$55,533	\$1,477,755,594	4	145,928
Medicaid	21,236	35.1%	\$26,085	\$1,200,720,230	3	123,279
Commercial	15,019	24.8%	\$27,723	\$825,323,458	2	61,913
Self-Pay	3,110	5.1%	\$21,199	\$128,259,132	2	11,876
Other	4,257	7.0%	\$46,032	\$357,271,908	3	29,476
<b>Public Health Region</b>						
Anchorage	23,831	39.4%	\$43,177	\$1,846,167,387	3	148,775
Gulf Coast	7,400	12.2%	\$32,149	\$451,011,719	3	38,398
Interior	6,522	10.8%	\$28,490	\$353,257,142	3	33,375
Mat-Su	8,071	13.3%	\$46,205	\$650,645,820	3	43,386
Northern	3,960	6.5%	\$18,924	\$153,784,850	2	21,629
Southeast	5,294	8.8%	\$21,680	\$230,290,834	3	52,731
Southwest	4,249	7.0%	\$17,228	\$198,764,107	3	20,348
Out of State	1,084	1.8%	\$49,524	\$97,579,126	4	13,449
<b>Annual Totals</b>						
Alaska 2018	60,500	100.0%	\$34,552	\$3,989,625,263	3	372,661
Alaska 2017	61,653	101.9%	\$31,244	\$3,675,873,897	3	453,889
Alaska 2016	62,757	103.7%	\$28,265	\$3,429,002,047	3	406,628

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2018 #1 LCOH at 12.7% of Inpatient Discharges:  
Liveborn Infant

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	3,954	51.7%	\$5,240	\$150,028,972	2	15,715
Female	3,696	48.3%	\$4,628	\$89,242,626	2	12,094
<b>Race</b>						
White	3,093	40.4%	\$4,452	\$76,060,000	2	10,088
AI/AN	2,271	29.7%	\$7,603	\$53,728,048	2	7,858
Asian/PI	608	7.9%	\$4,063	\$24,758,434	2	2,323
Black	178	2.3%	\$4,550	\$10,599,934	2	934
<b>Ethnicity</b>						
Hispanic	284	3.7%	\$4,982	\$7,093,898	2	989
<b>Age Group</b>						
00-14	7,655	100.0%	\$4,911	\$239,292,807	2	27,816
<b>Primary Payer</b>						
Medicaid	3,398	44.4%	\$5,379	\$130,681,883	2	14,107
Commercial	2,864	37.4%	\$4,338	\$67,863,466	2	8,820
Self-Pay	929	12.1%	\$6,855	\$10,959,107	2	2,248
Other	463	6.0%	\$4,411	\$29,788,336	2	2,640
<b>Public Health Region</b>						
Anchorage	3,056	39.9%	\$4,561	\$126,126,004	2	12,424
Gulf Coast	842	11.0%	\$4,046	\$15,070,609	2	2,204
Interior	1,039	13.6%	\$4,175	\$36,941,880	2	4,609
Mat-Su	1,025	13.4%	\$6,130	\$24,858,527	2	3,258
Northern	421	5.5%	\$7,648	\$8,701,195	2	1,377
Southeast	607	7.9%	\$5,715	\$10,252,923	2	1,715
Southwest	649	8.5%	\$5,075	\$17,113,028	2	2,178
Out of State	15	0.2%	\$7,754	\$223,937	2	49
<b>Annual Totals</b>						
Alaska 2018	7,655	100.0%	\$4,911	\$239,292,807	2	27,816
Alaska 2017	7,982	104.3%	\$4,599	\$269,594,385	2	33,174
Alaska 2016	8,608	112.4%	\$4,399	\$250,559,578	2	32,797

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2018 #2 LCOH at 6.1% of Inpatient Discharges:  
Septicemia (except in labor)

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	1,870	50.6%	\$64,897	\$236,383,642	5	17,620
Female	1,828	49.4%	\$57,521	\$181,424,064	5	14,213
<b>Race</b>						
White	2,194	59.3%	\$64,806	\$252,870,913	5	18,842
AI/AN	952	25.7%	\$56,596	\$101,116,699	5	7,870
Asian/PI	262	7.1%	\$60,901	\$32,777,135	4	3,014
Black	118	3.2%	\$81,173	\$15,421,163	7	1,022
<b>Ethnicity</b>						
Hispanic	88	2.4%	\$60,889	\$12,675,248	4	921
<b>Age Group</b>						
00-14	49	1.3%	\$46,305	\$6,266,146	4	562
15-24	109	2.9%	\$39,766	\$7,613,102	3	565
25-34	335	9.1%	\$48,686	\$35,859,232	4	2,805
35-44	354	9.6%	\$59,679	\$46,254,421	4	3,740
45-54	491	13.3%	\$65,580	\$62,202,120	5	4,659
55-64	779	21.1%	\$72,643	\$104,217,502	6	7,129
65-74	757	20.5%	\$62,956	\$82,010,903	5	5,955
75+	824	22.3%	\$57,464	\$73,384,279	5	6,418
<b>Primary Payer</b>						
Medicare	1,687	45.6%	\$63,484	\$181,611,089	5	14,825
Medicaid	1,124	30.4%	\$61,954	\$143,865,225	5	10,798
Commercial	554	15.0%	\$53,223	\$53,232,992	4	3,664
Self-Pay	132	3.6%	\$55,692	\$14,910,530	4	934
Other	200	5.4%	\$67,110	\$24,158,761	5	1,607
<b>Public Health Region</b>						
Anchorage	1,709	46.2%	\$66,630	\$201,569,329	5	16,350
Gulf Coast	360	9.7%	\$46,875	\$36,742,608	5	2,982
Interior	153	4.1%	\$69,882	\$16,963,387	5	1,187
Mat-Su	750	20.3%	\$68,891	\$95,380,198	5	5,839
Northern	165	4.5%	\$43,871	\$14,485,645	4	1,185
Southeast	263	7.1%	\$35,669	\$18,693,155	4	1,817
Southwest	170	4.6%	\$48,285	\$17,707,230	5	1,254
Out of State	121	3.3%	\$51,590	\$15,006,404	4	1,145
<b>Annual Totals</b>						
Alaska 2018	3,698	100.0%	\$61,262	\$417,807,706	5	31,833
Alaska 2017	3,244	87.7%	\$56,539	\$327,836,298	5	26,261
Alaska 2016	2,721	73.6%	\$55,528	\$279,997,040	5	22,493

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## 2018 #3 LCOH at 3.6% of Inpatient Discharges:

### Other complications of birth, puerperium affecting management of mother

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Female	2,178	100.0%	\$16,493	\$45,539,466	2	4,778
<b>Race</b>						
White	986	45.3%	\$18,008	\$22,058,784	2	2,137
AI/AN	747	34.3%	\$13,586	\$13,193,385	2	1,648
Asian/PI	194	8.9%	\$17,915	\$4,238,557	2	390
Black	70	3.2%	\$19,116	\$2,129,271	2	193
<b>Ethnicity</b>						
Hispanic	100	4.6%	\$17,082	\$2,080,994	2	226
<b>Age Group</b>						
00-14	2	0.1%	\$23,861	\$47,723	3	6
15-24	630	28.9%	\$16,283	\$13,347,682	2	1,434
25-34	1,235	56.7%	\$16,142	\$24,625,061	2	2,611
35-44	312	14.3%	\$18,843	\$7,549,741	2	729
<b>Primary Payer</b>						
Medicare	7	0.3%	\$17,001	\$250,537	2	19
Medicaid	1,115	51.2%	\$15,943	\$22,800,678	2	2,449
Commercial	854	39.2%	\$17,388	\$18,479,824	2	1,854
Self-Pay	101	4.6%	\$16,222	\$2,049,136	2	212
Other	102	4.7%	\$15,879	\$1,990,032	2	246
<b>Public Health Region</b>						
Anchorage	798	36.6%	\$19,313	\$20,038,249	2	1,809
Gulf Coast	213	9.8%	\$15,647	\$3,793,642	2	405
Interior	306	14.0%	\$9,735	\$3,525,534	2	684
Mat-Su	306	14.0%	\$25,137	\$8,459,014	2	632
Northern	167	7.7%	\$16,220	\$3,551,149	2	364
Southeast	129	5.9%	\$14,900	\$2,379,987	2	315
Southwest	253	11.6%	\$10,066	\$3,660,290	2	553
Out of State	7	0.3%	\$22,418	\$162,343	2	18
<b>Annual Totals</b>						
Alaska 2018	2,179	100.0%	\$16,499	\$45,570,207	2	4,780
Alaska 2017	2,134	97.9%	\$15,260	\$39,898,512	2	4,795
Alaska 2016	2,376	109.0%	\$15,124	\$43,954,726	2	5,486

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2018 #4 LCOH at 3.2% of Inpatient Discharges:  
Osteoarthritis

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	899	47.0%	\$84,389	\$84,909,905	2	2,301
Female	1,012	53.0%	\$80,730	\$94,496,829	2	3,154
<b>Race</b>						
White	1,503	78.6%	\$86,563	\$143,224,257	2	4,061
AI/AN	236	12.3%	\$71,495	\$18,122,505	3	750
Asian/PI	39	2.0%	\$117,846	\$4,222,355	2	110
Black	47	2.5%	\$111,581	\$5,741,218	2	176
<b>Ethnicity</b>						
Hispanic	47	2.5%	\$106,082	\$4,559,169	2	159
<b>Age Group</b>						
15-24	3	0.2%	\$153,470	\$400,895	2	5
25-34	9	0.5%	\$80,167	\$878,553	1	16
35-44	33	1.7%	\$95,514	\$3,092,174	2	66
45-54	231	12.1%	\$76,961	\$22,116,803	2	656
55-64	511	26.7%	\$79,939	\$47,297,759	2	1,218
65-74	788	41.2%	\$85,933	\$74,212,797	2	2,338
75+	336	17.6%	\$78,483	\$31,407,753	3	1,156
<b>Primary Payer</b>						
Medicare	1,012	53.0%	\$83,474	\$94,132,025	2	3,055
Medicaid	189	9.9%	\$81,413	\$17,697,350	2	601
Commercial	435	22.8%	\$73,589	\$38,645,795	2	1,079
Self-Pay	34	1.8%	\$76,503	\$2,598,996	3	111
Other	241	12.6%	\$113,040	\$26,332,567	2	609
<b>Public Health Region</b>						
Anchorage	721	37.7%	\$113,605	\$76,977,006	2	2,086
Gulf Coast	360	18.8%	\$78,321	\$33,520,058	2	944
Interior	272	14.2%	\$54,665	\$18,739,447	2	709
Mat-Su	268	14.0%	\$117,690	\$30,979,653	2	559
Northern	43	2.3%	\$67,875	\$2,797,361	3	250
Southeast	192	10.0%	\$48,117	\$11,909,473	3	758
Southwest	49	2.6%	\$70,047	\$3,898,535	3	133
Out of State	5	0.3%	\$120,087	\$542,521	2	11
<b>Annual Totals</b>						
Alaska 2018	1,911	100.0%	\$81,977	\$179,406,734	2	5,455
Alaska 2017	2,116	110.7%	\$86,267	\$195,577,728	3	6,576
Alaska 2016	1,966	102.9%	\$83,503	\$168,036,010	3	7,030

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## 2018 #5 LCOH at 3.2% of Inpatient Discharges: Mood disorders

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	833	43.6%	\$32,070	\$36,499,390	7	7,861
Female	1,077	56.4%	\$38,932	\$57,830,905	8	11,254
<b>Race</b>						
White	1,016	53.2%	\$43,342	\$56,798,683	8	10,684
AI/AN	625	32.7%	\$27,835	\$24,372,930	7	5,715
Asian/PI	38	2.0%	\$38,028	\$2,100,780	7	316
Black	84	4.4%	\$36,217	\$4,579,566	7	985
<b>Ethnicity</b>						
Hispanic	68	3.6%	\$38,136	\$4,432,453	6	719
<b>Age Group</b>						
00-14	253	13.2%	\$51,786	\$16,488,516	14	3,921
15-24	684	35.8%	\$37,342	\$36,013,388	9	7,755
25-34	319	16.7%	\$30,367	\$12,506,078	6	2,147
35-44	211	11.0%	\$30,903	\$9,104,194	6	1,552
45-54	193	10.1%	\$36,307	\$8,230,189	6	1,365
55-64	176	9.2%	\$34,067	\$8,518,264	7	1,555
65-74	62	3.2%	\$35,857	\$2,783,363	8	691
75+	12	0.6%	\$40,222	\$686,302	10	129
<b>Primary Payer</b>						
Medicare	180	9.4%	\$37,881	\$9,488,816	8	1,836
Medicaid	1,039	54.4%	\$31,647	\$46,668,130	7	9,913
Commercial	485	25.4%	\$46,032	\$27,664,490	7	4,891
Self-Pay	40	2.1%	\$14,109	\$1,095,636	5	282
Other	160	8.4%	\$46,272	\$9,394,480	9	2,179
<b>Public Health Region</b>						
Anchorage	649	34.0%	\$54,185	\$41,939,486	9	7,792
Gulf Coast	115	6.0%	\$34,936	\$5,508,887	9	1,174
Interior	451	23.6%	\$34,143	\$19,597,321	6	4,055
Mat-Su	185	9.7%	\$51,786	\$10,815,097	9	2,173
Northern	115	6.0%	\$19,764	\$3,945,253	3	809
Southeast	178	9.3%	\$18,528	\$4,853,682	5	1,202
Southwest	180	9.4%	\$18,733	\$5,230,667	6	1,484
Out of State	35	1.8%	\$46,823	\$2,377,938	8	415
<b>Annual Totals</b>						
Alaska 2018	1,910	100.0%	\$35,698	\$94,330,294	7	19,115
Alaska 2017	2,319	121.4%	\$27,657	\$93,932,635	7	21,514
Alaska 2016	2,249	117.7%	\$25,893	\$90,508,172	6	24,220

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2018 #6 LCOH at 2.0% of Inpatient Discharges:  
Alcohol-related disorders

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	709	59.1%	\$31,839	\$38,347,518	4	4,932
Female	490	40.9%	\$30,089	\$23,747,534	3	2,729
<b>Race</b>						
White	513	42.8%	\$40,458	\$30,157,177	4	4,096
AI/AN	582	48.5%	\$27,301	\$27,899,358	3	2,837
Asian/PI	6	0.5%	\$25,427	\$281,352	3	35
Black	18	1.5%	\$33,611	\$1,021,240	4	179
<b>Ethnicity</b>						
Hispanic	41	3.4%	\$32,199	\$1,934,877	4	323
<b>Age Group</b>						
00-14	1	0.1%	\$8,206	\$8,206	4	4
15-24	51	4.3%	\$24,168	\$1,791,962	3	415
25-34	207	17.3%	\$25,065	\$9,350,497	3	1,345
35-44	294	24.5%	\$29,955	\$12,980,950	3	1,606
45-54	278	23.2%	\$32,210	\$13,797,352	3	1,368
55-64	246	20.5%	\$38,304	\$16,101,037	4	1,767
65-74	104	8.7%	\$40,473	\$7,109,407	5	934
75+	18	1.5%	\$40,645	\$955,641	4	222
<b>Primary Payer</b>						
Medicare	169	14.1%	\$42,720	\$12,038,779	5	1,537
Medicaid	678	56.5%	\$28,574	\$30,994,076	3	3,094
Commercial	123	10.3%	\$23,874	\$5,617,591	3	591
Self-Pay	104	8.7%	\$32,052	\$6,132,261	3	506
Other	123	10.3%	\$54,378	\$7,310,667	10	1,909
<b>Public Health Region</b>						
Anchorage	467	38.9%	\$45,138	\$32,116,601	4	3,445
Gulf Coast	148	12.3%	\$30,151	\$6,142,189	3	945
Interior	102	8.5%	\$33,594	\$4,997,869	4	657
Mat-Su	77	6.4%	\$57,399	\$5,440,965	5	647
Northern	117	9.8%	\$15,507	\$2,493,015	2	335
Southeast	176	14.7%	\$18,574	\$5,689,152	3	893
Southwest	80	6.7%	\$8,846	\$2,299,907	2	276
Out of State	32	2.7%	\$71,204	\$2,915,355	7	463
<b>Annual Totals</b>						
Alaska 2018	1,199	100.0%	\$31,065	\$62,095,052	3	7,661
Alaska 2017	1,104	92.1%	\$28,233	\$49,550,492	3	6,413
Alaska 2016	1,134	94.6%	\$23,536	\$50,454,923	4	8,630

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## 2018 #7 LCOH at 1.9% of Inpatient Discharges: Hypertension with complications and secondary hypertension

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	664	58.1%	\$50,600	\$51,291,491	4	3,787
Female	479	41.9%	\$50,422	\$37,986,131	4	3,189
<b>Race</b>						
White	696	60.9%	\$54,055	\$57,796,466	4	4,471
AI/AN	195	17.1%	\$35,784	\$10,681,977	4	1,064
Asian/PI	111	9.7%	\$54,332	\$8,658,818	3	590
Black	97	8.5%	\$52,474	\$8,762,041	4	613
<b>Ethnicity</b>						
Hispanic	32	2.8%	\$55,712	\$2,521,588	4	199
<b>Age Group</b>						
15-24	5	0.4%	\$38,714	\$205,514	4	21
25-34	28	2.4%	\$48,860	\$1,431,372	3	89
35-44	41	3.6%	\$40,292	\$2,477,347	3	166
45-54	109	9.5%	\$53,888	\$8,271,443	4	582
55-64	264	23.1%	\$52,385	\$21,589,673	4	1,614
65-74	284	24.8%	\$57,399	\$26,493,442	4	1,947
75+	412	36.0%	\$46,296	\$28,808,831	4	2,557
<b>Primary Payer</b>						
Medicare	726	63.5%	\$52,090	\$58,641,527	4	4,674
Medicaid	198	17.3%	\$41,133	\$13,103,471	3	1,094
Commercial	107	9.4%	\$59,447	\$8,261,080	3	559
Self-Pay	37	3.2%	\$52,239	\$2,388,681	4	162
Other	75	6.6%	\$58,089	\$6,882,864	5	487
<b>Public Health Region</b>						
Anchorage	608	53.2%	\$59,479	\$53,021,200	4	3,836
Gulf Coast	159	13.9%	\$40,891	\$10,210,766	4	982
Interior	98	8.6%	\$39,958	\$5,648,244	3	465
Mat-Su	121	10.6%	\$57,609	\$11,089,062	4	769
Northern	28	2.4%	\$48,547	\$2,279,875	5	185
Southeast	85	7.4%	\$28,299	\$3,302,903	4	406
Southwest	26	2.3%	\$44,691	\$2,288,134	5	188
Out of State	18	1.6%	\$47,930	\$1,437,440	7	145
<b>Annual Totals</b>						
Alaska 2018	1,143	100.0%	\$50,422	\$89,277,622	4	6,976
Alaska 2017	986	86.3%	\$44,152	\$71,867,946	4	5,917
Alaska 2016	337	29.5%	\$40,553	\$21,023,721	4	1,838

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2018 #8 LCOH at 1.8% of Inpatient Discharges:  
Acute myocardial infarction

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	714	66.9%	\$108,706	\$105,153,968	2	3,254
Female	354	33.1%	\$89,815	\$43,846,587	3	1,698
<b>Race</b>						
White	757	70.9%	\$107,023	\$108,088,621	2	3,465
AI/AN	142	13.3%	\$87,400	\$16,693,376	3	669
Asian/PI	73	6.8%	\$107,396	\$11,665,548	3	414
Black	37	3.5%	\$98,841	\$4,265,506	2	137
<b>Ethnicity</b>						
Hispanic	28	2.6%	\$105,936	\$3,494,457	2	95
<b>Age Group</b>						
25-34	7	0.7%	\$82,631	\$536,181	2	23
35-44	55	5.1%	\$91,669	\$5,651,337	2	141
45-54	153	14.3%	\$99,500	\$20,463,811	2	537
55-64	304	28.5%	\$101,733	\$42,723,255	2	1,233
65-74	297	27.8%	\$116,375	\$46,652,249	3	1,500
75+	252	23.6%	\$92,763	\$32,973,723	3	1,518
<b>Primary Payer</b>						
Medicare	505	47.3%	\$101,535	\$72,153,633	3	2,748
Medicaid	161	15.1%	\$91,088	\$19,948,673	2	660
Commercial	250	23.4%	\$105,225	\$34,554,762	2	893
Self-Pay	40	3.7%	\$100,216	\$4,611,188	2	105
Other	112	10.5%	\$119,293	\$17,732,299	3	546
<b>Public Health Region</b>						
Anchorage	387	36.2%	\$104,126	\$54,601,348	3	1,921
Gulf Coast	139	13.0%	\$105,685	\$20,987,042	3	758
Interior	109	10.2%	\$75,690	\$10,700,096	2	362
Mat-Su	199	18.6%	\$138,760	\$32,335,430	2	740
Northern	41	3.8%	\$61,444	\$4,475,275	2	177
Southeast	84	7.9%	\$83,315	\$9,444,344	3	442
Southwest	35	3.3%	\$90,816	\$4,865,274	3	177
Out of State	66	6.2%	\$106,443	\$9,925,600	3	330
<b>Annual Totals</b>						
Alaska 2018	1,068	100.0%	\$102,260	\$149,000,555	2	4,952
Alaska 2017	1,054	98.7%	\$94,374	\$134,343,028	3	4,787
Alaska 2016	1,010	94.6%	\$95,769	\$131,454,952	2	4,841

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2018 #9 LCOH at 1.7% of Inpatient Discharges:  
Acute cerebrovascular disease

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	561	53.5%	\$61,754	\$54,541,710	4	4,575
Female	487	46.5%	\$57,565	\$45,457,568	4	3,882
<b>Race</b>						
White	646	61.6%	\$59,249	\$59,830,648	4	4,870
AI/AN	202	19.3%	\$53,690	\$17,215,181	5	1,706
Asian/PI	107	10.2%	\$77,205	\$11,800,644	4	798
Black	65	6.2%	\$65,791	\$7,358,935	5	623
<b>Ethnicity</b>						
Hispanic	22	2.1%	\$67,837	\$2,252,653	6	184
<b>Age Group</b>						
00-14	1	0.1%	\$10,030	\$10,030	1	1
15-24	2	0.2%	\$54,434	\$108,868	2	4
25-34	11	1.0%	\$101,218	\$1,385,272	5	131
35-44	40	3.8%	\$75,284	\$5,472,645	3	469
45-54	120	11.5%	\$61,698	\$12,996,544	3	1,014
55-64	220	21.0%	\$60,396	\$22,254,120	4	1,581
65-74	298	28.4%	\$53,970	\$27,503,057	4	2,294
75+	356	34.0%	\$60,026	\$30,268,742	5	2,963
<b>Primary Payer</b>						
Medicare	599	57.2%	\$57,791	\$55,584,371	5	5,088
Medicaid	149	14.2%	\$61,514	\$17,625,189	4	1,722
Commercial	185	17.7%	\$64,722	\$17,444,957	3	944
Self-Pay	48	4.6%	\$44,092	\$3,232,284	3	207
Other	67	6.4%	\$71,165	\$6,112,477	4	496
<b>Public Health Region</b>						
Anchorage	427	40.7%	\$71,418	\$49,890,036	4	3,960
Gulf Coast	130	12.4%	\$49,008	\$11,004,095	5	1,054
Interior	94	9.0%	\$50,435	\$6,459,819	4	604
Mat-Su	144	13.7%	\$68,744	\$13,030,088	3	855
Northern	44	4.2%	\$50,581	\$3,086,562	5	283
Southeast	81	7.7%	\$39,398	\$4,495,681	5	696
Southwest	63	6.0%	\$48,341	\$4,228,902	5	427
Out of State	60	5.7%	\$71,994	\$7,361,952	5	547
<b>Annual Totals</b>						
Alaska 2018	1,048	100.0%	\$59,532	\$99,999,279	4	8,457
Alaska 2017	1,028	98.1%	\$51,610	\$84,033,598	4	9,675
Alaska 2016	906	86.5%	\$47,172	\$73,709,723	4	8,260

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 #10 LCOH at 1.7% of Inpatient Discharges: Spondylosis, intervertebral disc disorders, other back problems

	Discharges	Percent of Category	Median Charge	Total Charges	Median Days	Total Days
<b>Sex</b>						
Male	608	58.1%	\$117,022	\$87,664,221	2	2,380
Female	439	41.9%	\$118,506	\$61,452,837	3	1,668
<b>Race</b>						
White	846	80.8%	\$123,387	\$124,325,358	3	3,037
AI/AN	101	9.6%	\$71,016	\$10,045,361	3	600
Asian/PI	32	3.1%	\$131,173	\$4,889,869	3	126
Black	41	3.9%	\$131,212	\$5,973,548	3	165
<b>Ethnicity</b>						
Hispanic	25	2.4%	\$151,770	\$4,128,168	2	98
<b>Age Group</b>						
00-14	1	0.1%	\$90,635	\$90,635	6	6
15-24	9	0.9%	\$62,649	\$833,408	2	22
25-34	44	4.2%	\$107,949	\$5,984,910	1	96
35-44	100	9.6%	\$117,778	\$13,034,090	2	227
45-54	190	18.1%	\$125,403	\$26,635,271	2	567
55-64	274	26.2%	\$117,107	\$39,369,663	2	1,083
65-74	294	28.1%	\$119,771	\$44,573,565	3	1,313
75+	135	12.9%	\$103,995	\$18,595,517	3	734
<b>Primary Payer</b>						
Medicare	390	37.2%	\$120,647	\$57,127,277	3	1,941
Medicaid	142	13.6%	\$113,401	\$18,142,600	2	453
Commercial	287	27.4%	\$116,569	\$40,047,410	2	1,036
Self-Pay	18	1.7%	\$48,419	\$1,204,813	2	46
Other	210	20.1%	\$128,691	\$32,594,957	2	572
<b>Public Health Region</b>						
Anchorage	448	42.8%	\$119,808	\$67,955,502	2	2,010
Gulf Coast	188	18.0%	\$126,073	\$25,349,428	3	662
Interior	112	10.7%	\$110,979	\$14,348,048	2	341
Mat-Su	214	20.4%	\$132,110	\$32,714,453	2	631
Northern	21	2.0%	\$48,755	\$1,511,182	2	93
Southeast	37	3.5%	\$85,561	\$4,333,134	3	210
Southwest	18	1.7%	\$72,391	\$1,962,971	3	71
Out of State	8	0.8%	\$93,414	\$875,936	3	24
<b>Annual Totals</b>						
Alaska 2018	1,047	100.0%	\$118,074	\$149,117,058	3	4,048
Alaska 2017	1,035	98.9%	\$98,295	\$124,878,627	2	3,501
Alaska 2016	1,284	122.6%	\$89,855	\$134,502,439	2	3,894

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## HFDR INPATIENT - 2018 LCOH by Age Group

Rank	CCS Diagnosis Category Description	Discharges	Percent
<b>Patients Under Age 1</b>			
1	Liveborn infant	7,655	84.9%
2	Acute bronchitis	275	3.1%
3	Other perinatal conditions	242	2.7%
4	Hemolytic jaundice and perinatal jaundice	148	1.6%
5	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	90	1.0%
6	Short gestation, low birth weight, and fetal growth retardation	48	0.5%
7	Other nutritional, endocrine, and metabolic disorders	31	0.3%
8	Septicemia (except in labor)	29	0.3%
9	Urinary tract infections	29	0.3%
10	Other upper respiratory infections	28	0.3%
<b>Patients Age 1 to 17</b>			
1	Mood disorders	646	18.3%
2	Anxiety disorders	204	5.8%
3	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	180	5.1%
4	Attention-deficit	169	4.8%
5	Acute bronchitis	129	3.6%
6	Appendicitis and other appendiceal conditions	120	3.4%
7	Suicide and intentional self-inflicted injury	106	3.0%
8	Epilepsy, convulsions	91	2.6%
9	Asthma	81	2.3%
10	Diabetes mellitus with complications	64	1.8%
<b>Patients Age 18 to 64</b>			
1	Other complications of birth, puerperium affecting management of mother	2,160	6.8%
2	Septicemia (except in labor)	2,059	6.5%
3	Mood disorders	1,190	3.7%
4	Alcohol-related disorders	1,069	3.4%
5	Hypertension complicating pregnancy, childbirth and the puerperium	951	3.0%
6	Schizophrenia and other psychotic disorders	825	2.6%
7	Osteoarthritis	787	2.5%
8	Other complications of pregnancy	768	2.4%
9	Polyhydramnios and other problems of amniotic cavity	766	2.4%
10	Previous C-section	747	2.4%
<b>Patients Over Age 64</b>			
1	Septicemia (except in labor)	1,581	9.8%
2	Osteoarthritis	1,124	7.0%
3	Hypertension with complications and secondary hypertension	696	4.3%
4	Acute cerebrovascular disease	654	4.0%
5	Acute myocardial infarction	549	3.4%
6	Cardiac dysrhythmias	450	2.8%
7	Chronic obstructive pulmonary disease and bronchiectasis	436	2.7%
8	Complication of device, implant or graft	433	2.7%
9	Spondylosis, intervertebral disc disorders, other back problems	429	2.7%
10	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	419	2.6%



## 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
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    - *#1 at 5.5% Other upper respiratory infections*
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  - 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™ (CCS) categories which aggregates diagnoses into 260 categories (also see page 18).

### Data Highlights

- Alaska hospitals reporting ED discharges to the HFDR program in 2018 billed primary payers \$1.0 billion for over 290,000 ED visits.
- Overall, the number of ED visits declined by 3% in 2017 and 3% in 2018, while the billed charges increased by 7% in 2017 and 9% in 2018.
- The top 10 Outpatient ED CCS diagnosis categories, or the leading causes of visitation (LCOV), cover 105,957 (or 36.3%) of the 291,605 total ED visits in 2018.
- There were greater than 10,000 ED visits in 2018 for each of the top 5 CCS categories.
- Regionally, *other upper respiratory infections* were the LCOV in the Anchorage and Southwest Regions; *abdominal pain* was the LCOV in the Gulf Coast, Matanuska-Susitna, and Southeast Regions; and *alcohol-related disorders* were the LCOV in the Interior and Northern Regions.
- In 2018, the LCOV with the highest percentage of female patients was *abdominal pain* (67% of discharges), and the category with the highest percentages of male patients was *open wounds of extremities* (63% of discharges).
- The two LCOV with median charges over \$2,000 were *nonspecific chest pain* (\$5,642) and *abdominal pain* (\$4,563).
- Medicaid was the most common primary payer for outpatient ED visits covering 42% of discharges. Medicaid was the most common primary payer for each of the 10 LCOVs with the highest percentage for *alcohol-related disorders* at 64%.
- The LCOV during 2018 for children under age 18 was *other upper respiratory infections*, for adults age 18 through 64 the LCOV was *abdominal pain*, and for seniors age 65 and over the LCOV was *nonspecific chest pain*.

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## HFDR EMERGENCY DEPARTMENT - 2018 Regional LCOV

Rank	CCS Diagnosis Category Description	Discharges	Percent
<b>All of Alaska</b>			
1	Other upper respiratory infections	16,063	5.5%
2	Abdominal pain	14,193	4.9%
3	Superficial injury, contusion	11,327	3.9%
4	Nonspecific chest pain	11,251	3.9%
5	Alcohol-related disorders	10,489	3.6%
6	Skin and subcutaneous tissue infections	9,932	3.4%
7	Sprains and strains	9,856	3.4%
8	Spondylosis, intervertebral disc disorders, other back problems	7,989	2.7%
9	Open wounds of extremities	7,467	2.6%
10	Other injuries and conditions due to external causes	7,390	2.5%
<b>Anchorage Region</b>			
1	Other upper respiratory infections	7,196	5.9%
2	Abdominal pain	6,371	5.3%
3	Nonspecific chest pain	4,920	4.1%
4	Superficial injury, contusion	4,593	3.8%
5	Sprains and strains	4,407	3.6%
6	Skin and subcutaneous tissue infections	3,968	3.3%
7	Other injuries and conditions due to external causes	3,525	2.9%
8	Spondylosis, intervertebral disc disorders, other back problems	3,429	2.8%
9	Nausea and vomiting	2,759	2.3%
10	Open wounds of extremities	2,732	2.3%
<b>Gulf Coast Region</b>			
1	Abdominal pain	1,180	4.8%
2	Superficial injury, contusion	1,084	4.4%
3	Nonspecific chest pain	1,049	4.3%
4	Open wounds of extremities	894	3.6%
5	Sprains and strains	869	3.5%
6	Other upper respiratory infections	835	3.4%
7	Spondylosis, intervertebral disc disorders, other back problems	749	3.0%
8	Skin and subcutaneous tissue infections	731	3.0%
9	Other injuries and conditions due to external causes	697	2.8%
10	Urinary tract infections	526	2.1%
<b>Interior Region</b>			
1	Alcohol-related disorders	1,992	6.6%
2	Abdominal pain	1,712	5.7%
3	Sprains and strains	1,288	4.3%
4	Nonspecific chest pain	1,236	4.1%
5	Superficial injury, contusion	1,103	3.7%
6	Skin and subcutaneous tissue infections	1,034	3.4%
7	Other upper respiratory infections	928	3.1%
8	Spondylosis, intervertebral disc disorders, other back problems	777	2.6%
9	Nausea and vomiting	762	2.5%
10	Open wounds of extremities	735	2.5%

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## HFDR EMERGENCY DEPARTMENT - 2018 Regional LCOV- Continued

Rank	CCS Diagnosis Category Description	Discharges	Percent
<b>Matanuska-Susitna Region</b>			
1	Abdominal pain	1,685	5.4%
2	Nonspecific chest pain	1,445	4.7%
3	Superficial injury, contusion	1,377	4.4%
4	Other upper respiratory infections	1,262	4.1%
5	Spondylosis, intervertebral disc disorders, other back problems	1,066	3.4%
6	Skin and subcutaneous tissue infections	1,008	3.2%
7	Sprains and strains	986	3.2%
8	Open wounds of extremities	899	2.9%
9	Nausea and vomiting	748	2.4%
10	Other non-traumatic joint disorders	722	2.3%
<b>Northern Region</b>			
1	Alcohol-related disorders	2,126	9.5%
2	Other upper respiratory infections	1,632	7.3%
3	Superficial injury, contusion	918	4.1%
4	Abdominal pain	664	3.0%
5	Skin and subcutaneous tissue infections	617	2.8%
6	Nonspecific chest pain	555	2.5%
7	Open wounds of extremities	545	2.4%
8	Spondylosis, intervertebral disc disorders, other back problems	532	2.4%
9	Sprains and strains	522	2.3%
10	Viral infection	501	2.2%
<b>Southeast Region</b>			
1	Abdominal pain	1,278	5.1%
2	Alcohol-related disorders	1,118	4.5%
3	Superficial injury, contusion	1,067	4.3%
4	Nonspecific chest pain	1,066	4.3%
5	Sprains and strains	1,006	4.0%
6	Open wounds of extremities	875	3.5%
7	Skin and subcutaneous tissue infections	800	3.2%
8	Other upper respiratory infections	778	3.1%
9	Spondylosis, intervertebral disc disorders, other back problems	753	3.0%
10	Other injuries and conditions due to external causes	608	2.4%
<b>Southwest Region</b>			
1	Other upper respiratory infections	3,180	10.8%
2	Alcohol-related disorders	1,624	5.5%
3	Skin and subcutaneous tissue infections	1,490	5.1%
4	Abdominal pain	1,006	3.4%
5	Other lower respiratory disease	801	2.7%
6	Superficial injury, contusion	794	2.7%
7	Otitis media and related conditions	785	2.7%
8	Nonspecific chest pain	704	2.4%
9	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	674	2.3%
10	Urinary tract infections	661	2.2%

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 Emergency Department LCOV with Examples of Diagnoses

CCS Rank	CCS Description	ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Other upper respiratory infections	1	ACUTE UPPER RESPIRATORY INFECTION, UNSPECIFIED	7,079
		2	ACUTE PHARYNGITIS, UNSPECIFIED	3,722
		3	STREPTOCOCCAL PHARYNGITIS	2,095
2	Abdominal pain	1	UNSPECIFIED ABDOMINAL PAIN	3,725
		2	EPIGASTRIC PAIN	2,331
		3	RIGHT LOWER QUADRANT PAIN	1,625
3	Superficial injury, contusion	1	CONTUSION OF OTHER PART OF HEAD, INITIAL ENCOUNTER	816
		2	CONTUSION OF LEFT FRONT WALL OF THORAX, INITIAL ENCOUNTER	479
		3	CONTUSION OF SCALP, INITIAL ENCOUNTER	459
4	Nonspecific chest pain	1	CHEST PAIN, UNSPECIFIED	5,769
		2	OTHER CHEST PAIN	5,199
		3	PRECORDIAL PAIN	276
5	Alcohol-related disorders	1	ALCOHOL ABUSE WITH INTOXICATION, UNSPECIFIED	4,253
		2	ALCOHOL DEPENDENCE WITH WITHDRAWAL, UNSPECIFIED	1,424
		3	ALCOHOL ABUSE WITH INTOXICATION, UNCOMPLICATED	928
6	Skin and subcutaneous tissue infections	1	CELLULITIS OF LEFT LOWER LIMB	1,054
		2	CELLULITIS OF RIGHT LOWER LIMB	969
		3	CUTANEOUS ABSCESS OF BUTTOCK	560
7	Sprains and strains	1	STRAIN OF MUSCLE, FASCIA AND TENDON AT NECK LEVEL, INIT	1,441
		2	STRAIN OF MUSCLE, FASCIA AND TENDON OF LOWER BACK, INIT	1,303
		3	SPRAIN OF UNSPECIFIED LIGAMENT OF RIGHT ANKLE, INIT ENCNR	790
8	Spondylosis, intervertebral disc disorders, other back problems	1	LOW BACK PAIN	3,145
		2	CERVICALGIA	897
		3	DORSALGIA, UNSPECIFIED	696
9	Open wounds of extremities	1	LACERATION W/O FB OF L IDX FNGR W/O DAMAGE TO NAIL, INIT	502
		2	LACERATION WITHOUT FOREIGN BODY OF LEFT HAND, INIT ENCNR	462
		3	LACERATION WITHOUT FOREIGN BODY OF RIGHT HAND, INIT ENCNR	400
10	Other injuries and conditions due to external causes	1	UNSPECIFIED INJURY OF HEAD, INITIAL ENCOUNTER	2,118
		2	UNSPECIFIED INJURY OF FACE, INITIAL ENCOUNTER	308
		3	UNSP INJURY OF RIGHT WRIST, HAND AND FINGER(S), INIT ENCNR	278

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2018 100% of Emergency Department Visits:  
All Emergency Department Visits

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	133,387	45.7%	\$2,011	\$457,637,729
Female	158,213	54.3%	\$2,252	\$556,614,380
<b>Race</b>				
White	123,560	42.4%	\$2,617	\$488,993,612
AI/AN	111,637	38.3%	\$1,846	\$339,885,872
Asian/PI	17,716	6.1%	\$2,158	\$62,092,349
Black	13,060	4.5%	\$2,317	\$46,383,206
<b>Ethnicity</b>				
Hispanic	12,097	4.1%	\$2,114	\$40,606,236
<b>Age Group</b>				
00-14	48,817	16.7%	\$1,345	\$89,262,640
15-24	39,228	13.5%	\$1,987	\$116,072,807
25-34	54,255	18.6%	\$2,142	\$179,236,112
35-44	39,910	13.7%	\$2,381	\$147,436,351
45-54	36,129	12.4%	\$2,596	\$144,666,806
55-64	34,494	11.8%	\$2,916	\$149,222,000
65-74	22,681	7.8%	\$3,432	\$107,160,206
75+	16,077	5.5%	\$4,054	\$81,136,704
<b>Primary Payer</b>				
Medicare	44,618	15.3%	\$3,477	\$208,056,891
Medicaid	123,097	42.2%	\$1,944	\$385,726,016
Commercial	67,729	23.2%	\$2,244	\$242,599,804
Self-Pay	30,103	10.3%	\$1,969	\$96,753,654
Other	25,737	8.8%	\$1,798	\$80,633,466
<b>Public Health Region</b>				
Anchorage	121,284	41.6%	\$2,529	\$477,238,260
Gulf Coast	24,615	8.4%	\$2,435	\$92,456,355
Interior	29,978	10.3%	\$1,894	\$83,853,942
Mat-Su	31,022	10.6%	\$3,101	\$139,073,474
Northern	22,292	7.6%	\$1,200	\$51,875,733
Southeast	25,027	8.6%	\$1,464	\$67,806,290
Southwest	29,526	10.1%	\$1,546	\$72,545,573
Out of State	7,309	2.5%	\$2,317	\$27,432,150
<b>Annual Totals</b>				
Alaska 2018	291,605	100.0%	\$2,138	\$1,014,262,461
Alaska 2017	302,149	103.6%	\$1,932	\$949,321,034
Alaska 2016	312,483	107.2%	\$1,766	\$894,925,146

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 #1 LCOV at 5.5% of Emergency Department Visits:

### Other upper respiratory infections

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	6,819	42.5%	\$1,336	\$11,503,238
Female	9,244	57.5%	\$1,335	\$15,446,211
<b>Race</b>				
White	4,147	25.8%	\$1,451	\$8,219,144
AI/AN	8,012	49.9%	\$1,231	\$11,939,291
Asian/PI	1,384	8.6%	\$1,396	\$2,613,847
Black	775	4.8%	\$1,477	\$1,570,984
<b>Ethnicity</b>				
Hispanic	767	4.8%	\$1,368	\$1,313,600
<b>Age Group</b>				
00-14	6,936	43.2%	\$1,281	\$10,227,782
15-24	2,437	15.2%	\$1,329	\$3,855,738
25-34	2,481	15.4%	\$1,336	\$4,175,046
35-44	1,488	9.3%	\$1,376	\$2,791,119
45-54	1,160	7.2%	\$1,368	\$2,346,426
55-64	857	5.3%	\$1,361	\$1,795,830
65-74	478	3.0%	\$1,470	\$1,036,138
75+	226	1.4%	\$2,023	\$721,369
<b>Primary Payer</b>				
Medicare	828	5.2%	\$1,567	\$2,042,140
Medicaid	8,118	50.5%	\$1,354	\$13,456,740
Commercial	3,769	23.5%	\$1,276	\$6,274,006
Self-Pay	1,999	12.4%	\$1,266	\$3,146,831
Other	1,313	8.2%	\$1,231	\$2,000,479
<b>Public Health Region</b>				
Anchorage	7,196	44.8%	\$1,368	\$13,375,353
Gulf Coast	835	5.2%	\$1,298	\$1,448,649
Interior	928	5.8%	\$1,351	\$1,487,976
Mat-Su	1,262	7.9%	\$1,417	\$2,651,444
Northern	1,632	10.2%	\$938	\$2,021,020
Southeast	778	4.8%	\$822	\$934,560
Southwest	3,180	19.8%	\$1,336	\$4,581,172
Out of State	238	1.5%	\$1,368	\$417,519
<b>Annual Totals</b>				
Alaska 2018	16,063	100.0%	\$1,336	\$26,949,449
Alaska 2017	17,554	109.3%	\$1,287	\$27,195,291
Alaska 2016	17,806	110.9%	\$1,222	\$25,105,624

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2018 #2 LCOV at 4.9% of Emergency Department Visits:  
Abdominal pain

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	4,725	33.3%	\$4,466	\$25,707,601
Female	9,468	66.7%	\$4,611	\$52,593,782
<b>Race</b>				
White	6,185	43.6%	\$4,818	\$34,871,455
AI/AN	5,584	39.3%	\$4,359	\$30,059,303
Asian/PI	769	5.4%	\$4,686	\$4,576,911
Black	658	4.6%	\$4,898	\$3,796,233
<b>Ethnicity</b>				
Hispanic	693	4.9%	\$4,623	\$3,850,858
<b>Age Group</b>				
00-14	1,424	10.0%	\$2,617	\$4,510,231
15-24	2,371	16.7%	\$3,872	\$11,091,525
25-34	3,228	22.7%	\$4,444	\$17,130,936
35-44	2,374	16.7%	\$5,318	\$14,581,758
45-54	1,917	13.5%	\$5,388	\$11,824,788
55-64	1,570	11.1%	\$5,846	\$10,282,103
65-74	818	5.8%	\$6,257	\$5,525,535
75+	491	3.5%	\$6,415	\$3,354,506
<b>Primary Payer</b>				
Medicare	1,740	12.3%	\$5,964	\$11,376,310
Medicaid	6,097	43.0%	\$4,325	\$32,064,926
Commercial	3,873	27.3%	\$4,685	\$21,491,144
Self-Pay	1,598	11.3%	\$4,558	\$9,000,408
Other	876	6.2%	\$4,136	\$4,344,641
<b>Public Health Region</b>				
Anchorage	6,371	44.9%	\$5,186	\$41,429,158
Gulf Coast	1,180	8.3%	\$3,936	\$5,895,591
Interior	1,712	12.1%	\$3,941	\$7,401,368
Mat-Su	1,685	11.9%	\$5,502	\$10,122,512
Northern	664	4.7%	\$2,855	\$2,745,720
Southeast	1,278	9.0%	\$2,577	\$4,827,295
Southwest	1,006	7.1%	\$3,357	\$4,318,929
Out of State	280	2.0%	\$4,479	\$1,490,121
<b>Annual Totals</b>				
Alaska 2018	14,193	100.0%	\$4,563	\$78,301,383
Alaska 2017	14,523	102.3%	\$4,214	\$73,892,806
Alaska 2016	15,208	107.2%	\$3,854	\$71,665,628

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2018 #3 LCOV at 3.9% of Emergency Department Visits:  
Superficial injury, contusion

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	5,607	49.5%	\$1,631	\$15,021,427
Female	5,720	50.5%	\$1,753	\$15,986,411
<b>Race</b>				
White	5,300	46.8%	\$1,739	\$15,302,080
AI/AN	3,865	34.1%	\$1,671	\$10,143,609
Asian/PI	548	4.8%	\$1,797	\$1,492,303
Black	458	4.0%	\$1,767	\$1,166,809
<b>Ethnicity</b>				
Hispanic	453	4.0%	\$1,839	\$1,318,384
<b>Age Group</b>				
00-14	2,399	21.2%	\$1,195	\$3,679,142
15-24	1,699	15.0%	\$1,744	\$4,394,212
25-34	1,915	16.9%	\$1,768	\$5,650,426
35-44	1,390	12.3%	\$1,796	\$4,172,873
45-54	1,331	11.8%	\$1,896	\$4,049,255
55-64	1,225	10.8%	\$1,893	\$3,810,842
65-74	748	6.6%	\$2,091	\$2,605,624
75+	619	5.5%	\$2,979	\$2,642,749
<b>Primary Payer</b>				
Medicare	1,554	13.7%	\$2,365	\$5,739,636
Medicaid	4,507	39.8%	\$1,677	\$11,960,354
Commercial	2,713	24.0%	\$1,536	\$6,909,042
Self-Pay	1,166	10.3%	\$1,757	\$2,915,125
Other	1,378	12.2%	\$1,532	\$3,472,278
<b>Public Health Region</b>				
Anchorage	4,593	40.5%	\$1,965	\$14,334,675
Gulf Coast	1,084	9.6%	\$1,621	\$2,972,363
Interior	1,103	9.7%	\$1,396	\$2,239,356
Mat-Su	1,377	12.2%	\$1,881	\$4,468,889
Northern	918	8.1%	\$1,055	\$1,741,261
Southeast	1,067	9.4%	\$1,039	\$2,049,773
Southwest	794	7.0%	\$1,569	\$2,074,463
Out of State	373	3.3%	\$1,591	\$1,063,447
<b>Annual Totals</b>				
Alaska 2018	11,327	100.0%	\$1,692	\$31,007,838
Alaska 2017	11,856	104.7%	\$1,571	\$29,672,589
Alaska 2016	12,775	112.8%	\$1,466	\$29,548,930

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2018 #4 LCOV at 3.9% of Emergency Department Visits:

Nonspecific chest pain

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	5,353	47.6%	\$5,619	\$31,982,704
Female	5,898	52.4%	\$5,663	\$35,727,162
<b>Race</b>				
White	5,509	49.0%	\$5,615	\$33,589,240
AI/AN	3,878	34.5%	\$5,721	\$23,513,015
Asian/PI	630	5.6%	\$5,984	\$4,008,441
Black	532	4.7%	\$5,893	\$3,267,286
<b>Ethnicity</b>				
Hispanic	392	3.5%	\$5,585	\$2,245,155
<b>Age Group</b>				
00-14	208	1.8%	\$2,321	\$650,938
15-24	900	8.0%	\$4,125	\$4,112,475
25-34	1,712	15.2%	\$5,023	\$8,978,099
35-44	1,858	16.5%	\$5,610	\$10,972,993
45-54	2,054	18.3%	\$6,010	\$13,322,923
55-64	2,164	19.2%	\$6,022	\$14,117,603
65-74	1,465	13.0%	\$5,972	\$9,643,813
75+	890	7.9%	\$5,926	\$5,911,023
<b>Primary Payer</b>				
Medicare	2,628	23.4%	\$6,013	\$17,256,767
Medicaid	3,556	31.6%	\$5,454	\$20,646,660
Commercial	3,182	28.3%	\$5,616	\$18,927,310
Self-Pay	969	8.6%	\$5,857	\$5,952,291
Other	909	8.1%	\$4,966	\$4,908,567
<b>Public Health Region</b>				
Anchorage	4,920	43.7%	\$6,511	\$34,107,032
Gulf Coast	1,049	9.3%	\$5,090	\$6,107,144
Interior	1,236	11.0%	\$4,675	\$5,916,496
Mat-Su	1,445	12.8%	\$6,163	\$10,611,912
Northern	555	4.9%	\$2,983	\$2,258,613
Southeast	1,066	9.5%	\$2,779	\$3,968,452
Southwest	704	6.3%	\$3,998	\$3,099,211
Out of State	265	2.4%	\$5,433	\$1,579,817
<b>Annual Totals</b>				
Alaska 2018	11,251	100.0%	\$5,642	\$67,709,865
Alaska 2017	11,099	98.6%	\$5,193	\$61,855,489
Alaska 2016	10,689	95.0%	\$4,802	\$54,834,927

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2018 #5 LCOV at 3.6% of Emergency Department Visits:

Alcohol-related disorders

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	6,129	58.4%	\$1,579	\$17,357,120
Female	4,360	41.6%	\$2,182	\$13,596,407
<b>Race</b>				
White	2,068	19.7%	\$3,635	\$8,813,076
AI/AN	7,290	69.5%	\$1,383	\$18,172,000
Asian/PI	49	0.5%	\$4,619	\$242,115
Black	109	1.0%	\$2,810	\$431,781
<b>Ethnicity</b>				
Hispanic	165	1.6%	\$2,546	\$573,497
<b>Age Group</b>				
00-14	24	0.2%	\$2,317	\$78,542
15-24	907	8.6%	\$1,845	\$2,513,048
25-34	2,823	26.9%	\$1,755	\$7,947,440
35-44	2,536	24.2%	\$1,996	\$7,571,384
45-54	1,997	19.0%	\$1,909	\$6,097,100
55-64	1,731	16.5%	\$1,654	\$5,152,504
65-74	400	3.8%	\$1,881	\$1,331,860
75+	68	0.6%	\$2,381	\$246,607
<b>Primary Payer</b>				
Medicare	831	7.9%	\$2,060	\$2,733,261
Medicaid	6,676	63.6%	\$1,716	\$18,976,688
Commercial	819	7.8%	\$3,054	\$3,143,771
Self-Pay	1,045	10.0%	\$2,381	\$3,399,013
Other	1,113	10.6%	\$1,124	\$2,694,302
<b>Public Health Region</b>				
Anchorage	2,393	22.8%	\$4,638	\$12,265,001
Gulf Coast	500	4.8%	\$4,066	\$2,269,954
Interior	1,992	19.0%	\$359	\$3,141,139
Mat-Su	608	5.8%	\$4,089	\$2,916,329
Northern	2,126	20.3%	\$936	\$4,068,414
Southeast	1,118	10.7%	\$1,226	\$2,092,148
Southwest	1,624	15.5%	\$1,354	\$3,737,617
Out of State	97	0.9%	\$2,801	\$362,634
<b>Annual Totals</b>				
Alaska 2018	10,489	100.0%	\$1,839	\$30,953,527
Alaska 2017	10,317	98.4%	\$1,732	\$28,269,817
Alaska 2016	10,129	96.6%	\$1,513	\$24,532,971

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2018 #6 LCOV at 3.4% of Emergency Department Visits:  
Skin and subcutaneous tissue infections

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	5,541	55.8%	\$1,531	\$12,482,050
Female	4,391	44.2%	\$1,477	\$9,565,677
<b>Race</b>				
White	4,232	42.6%	\$1,668	\$10,349,387
AI/AN	4,186	42.1%	\$1,359	\$8,243,462
Asian/PI	399	4.0%	\$1,695	\$985,622
Black	338	3.4%	\$1,859	\$849,703
<b>Ethnicity</b>				
Hispanic	338	3.4%	\$1,524	\$762,814
<b>Age Group</b>				
00-14	1,256	12.6%	\$1,195	\$1,739,577
15-24	1,148	11.6%	\$1,436	\$2,244,913
25-34	2,351	23.7%	\$1,531	\$5,310,124
35-44	1,807	18.2%	\$1,641	\$4,361,214
45-54	1,398	14.1%	\$1,641	\$3,409,533
55-64	1,093	11.0%	\$1,785	\$2,774,882
65-74	564	5.7%	\$1,605	\$1,355,175
75+	315	3.2%	\$1,828	\$852,310
<b>Primary Payer</b>				
Medicare	1,146	11.5%	\$1,701	\$3,032,790
Medicaid	5,053	50.9%	\$1,531	\$11,142,235
Commercial	1,777	17.9%	\$1,444	\$3,675,533
Self-Pay	1,186	11.9%	\$1,492	\$2,579,484
Other	755	7.6%	\$1,435	\$1,600,781
<b>Public Health Region</b>				
Anchorage	3,968	40.0%	\$1,699	\$9,969,323
Gulf Coast	731	7.4%	\$1,643	\$1,663,501
Interior	1,034	10.4%	\$1,501	\$2,056,725
Mat-Su	1,008	10.1%	\$1,980	\$2,792,453
Northern	617	6.2%	\$852	\$944,251
Southeast	800	8.1%	\$1,201	\$1,393,738
Southwest	1,490	15.0%	\$1,359	\$2,637,373
Out of State	271	2.7%	\$1,531	\$563,788
<b>Annual Totals</b>				
Alaska 2018	9,932	100.0%	\$1,511	\$22,047,728
Alaska 2017	10,686	107.6%	\$1,403	\$22,265,433
Alaska 2016	11,565	116.4%	\$1,297	\$22,119,283

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2018 #7 LCOV at 3.4% of Emergency Department Visits:  
Sprains and strains

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	4,549	46.2%	\$1,724	\$10,559,402
Female	5,306	53.8%	\$1,850	\$12,787,507
<b>Race</b>				
White	4,930	50.0%	\$1,795	\$12,333,985
AI/AN	2,691	27.3%	\$1,758	\$5,733,474
Asian/PI	692	7.0%	\$1,886	\$1,644,962
Black	687	7.0%	\$1,926	\$1,710,177
<b>Ethnicity</b>				
Hispanic	517	5.2%	\$1,912	\$1,304,582
<b>Age Group</b>				
00-14	1,056	10.7%	\$1,704	\$1,858,889
15-24	1,869	19.0%	\$1,737	\$4,121,932
25-34	2,148	21.8%	\$1,737	\$4,665,078
35-44	1,589	16.1%	\$1,804	\$3,775,749
45-54	1,367	13.9%	\$1,836	\$3,336,999
55-64	1,064	10.8%	\$1,901	\$2,967,417
65-74	533	5.4%	\$2,001	\$1,725,296
75+	230	2.3%	\$2,675	\$897,138
<b>Primary Payer</b>				
Medicare	899	9.1%	\$2,030	\$2,771,075
Medicaid	3,477	35.3%	\$1,819	\$7,777,115
Commercial	2,994	30.4%	\$1,733	\$7,138,714
Self-Pay	1,008	10.2%	\$1,924	\$2,268,737
Other	1,475	15.0%	\$1,596	\$3,390,037
<b>Public Health Region</b>				
Anchorage	4,407	44.7%	\$2,050	\$12,209,143
Gulf Coast	869	8.8%	\$1,715	\$1,994,501
Interior	1,288	13.1%	\$1,406	\$2,128,901
Mat-Su	986	10.0%	\$1,925	\$3,006,489
Northern	522	5.3%	\$1,147	\$748,450
Southeast	1,006	10.2%	\$1,121	\$1,626,887
Southwest	445	4.5%	\$1,544	\$855,788
Out of State	312	3.2%	\$1,732	\$736,359
<b>Annual Totals</b>				
Alaska 2018	9,856	100.0%	\$1,795	\$23,348,498
Alaska 2017	10,490	106.4%	\$1,704	\$23,239,444
Alaska 2016	11,697	118.7%	\$1,597	\$23,868,414

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## 2018 #8 LCOV at 2.7% of Emergency Department Visits: Spondylosis, intervertebral disc disorders, other back problems

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	3,718	46.5%	\$1,692	\$11,623,401
Female	4,271	53.5%	\$1,883	\$13,804,777
<b>Race</b>				
White	3,871	48.5%	\$1,990	\$13,735,395
AI/AN	2,553	32.0%	\$1,536	\$6,976,015
Asian/PI	456	5.7%	\$1,989	\$1,480,776
Black	454	5.7%	\$1,816	\$1,387,509
<b>Ethnicity</b>				
Hispanic	320	4.0%	\$1,946	\$1,129,024
<b>Age Group</b>				
00-14	213	2.7%	\$1,354	\$531,731
15-24	714	8.9%	\$1,535	\$1,891,901
25-34	1,471	18.4%	\$1,563	\$4,024,676
35-44	1,541	19.3%	\$1,760	\$4,771,499
45-54	1,527	19.1%	\$1,760	\$4,698,115
55-64	1,235	15.5%	\$1,906	\$4,197,203
65-74	825	10.3%	\$2,118	\$3,142,636
75+	463	5.8%	\$3,143	\$2,170,417
<b>Primary Payer</b>				
Medicare	1,447	18.1%	\$2,324	\$5,783,832
Medicaid	3,009	37.7%	\$1,665	\$8,620,213
Commercial	1,917	24.0%	\$1,822	\$6,292,927
Self-Pay	736	9.2%	\$1,562	\$1,901,983
Other	868	10.9%	\$1,706	\$2,813,510
<b>Public Health Region</b>				
Anchorage	3,429	42.9%	\$2,005	\$12,106,430
Gulf Coast	749	9.4%	\$1,802	\$2,350,210
Interior	777	9.7%	\$1,602	\$1,854,617
Mat-Su	1,066	13.3%	\$2,285	\$4,618,947
Northern	532	6.7%	\$989	\$928,192
Southeast	753	9.4%	\$1,304	\$1,798,126
Southwest	491	6.1%	\$1,528	\$1,166,956
Out of State	177	2.2%	\$1,868	\$563,338
<b>Annual Totals</b>				
Alaska 2018	7,989	100.0%	\$1,799	\$25,428,177
Alaska 2017	8,842	110.7%	\$1,599	\$24,517,729
Alaska 2016	9,500	118.9%	\$1,493	\$24,358,390

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2018 #9 LCOV at 2.6% of Emergency Department Visits:  
Open wounds of extremities

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	4,695	62.9%	\$1,477	\$9,245,847
Female	2,771	37.1%	\$1,405	\$5,112,168
<b>Race</b>				
White	4,199	56.2%	\$1,498	\$8,340,889
AI/AN	1,960	26.2%	\$1,369	\$3,645,472
Asian/PI	334	4.5%	\$1,480	\$635,325
Black	285	3.8%	\$1,471	\$595,248
<b>Ethnicity</b>				
Hispanic	292	3.9%	\$1,501	\$537,665
<b>Age Group</b>				
00-14	1,096	14.7%	\$1,289	\$1,665,848
15-24	1,434	19.2%	\$1,441	\$2,693,983
25-34	1,613	21.6%	\$1,497	\$3,333,157
35-44	1,094	14.7%	\$1,458	\$2,125,491
45-54	785	10.5%	\$1,479	\$1,580,021
55-64	747	10.0%	\$1,487	\$1,497,110
65-74	444	5.9%	\$1,479	\$899,194
75+	254	3.4%	\$1,619	\$564,079
<b>Primary Payer</b>				
Medicare	741	9.9%	\$1,522	\$1,534,773
Medicaid	2,380	31.9%	\$1,506	\$4,834,681
Commercial	2,172	29.1%	\$1,325	\$3,791,510
Self-Pay	861	11.5%	\$1,510	\$1,745,778
Other	1,300	17.4%	\$1,387	\$2,439,804
<b>Public Health Region</b>				
Anchorage	2,732	36.6%	\$1,572	\$5,896,581
Gulf Coast	894	12.0%	\$1,490	\$1,651,947
Interior	735	9.8%	\$1,361	\$1,112,134
Mat-Su	899	12.0%	\$2,435	\$2,454,216
Northern	545	7.3%	\$880	\$762,452
Southeast	875	11.7%	\$845	\$985,285
Southwest	472	6.3%	\$1,359	\$885,168
Out of State	294	3.9%	\$1,343	\$574,587
<b>Annual Totals</b>				
Alaska 2018	7,467	100.0%	\$1,446	\$14,358,884
Alaska 2017	7,876	105.5%	\$1,368	\$14,088,789
Alaska 2016	8,325	111.5%	\$1,288	\$13,984,997

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## 2018 #10 LCOV at 2.5% of Emergency Department Visits:

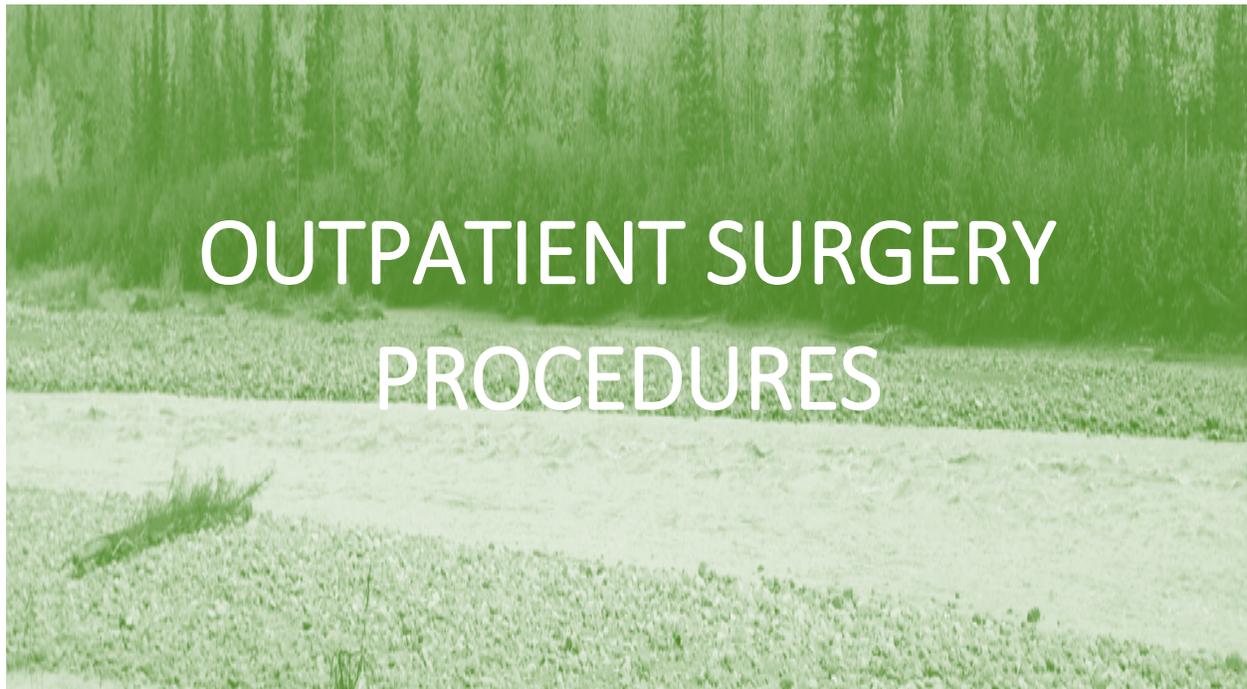
### Other injuries and conditions due to external causes

	Discharges	Percent of Category	Median Charge	Total Charges
<b>Sex</b>				
Male	3,796	51.4%	\$1,671	\$11,479,568
Female	3,594	48.6%	\$1,860	\$11,490,597
<b>Race</b>				
White	3,056	41.4%	\$1,788	\$9,626,657
AI/AN	3,105	42.0%	\$1,785	\$9,587,731
Asian/PI	330	4.5%	\$1,487	\$865,834
Black	313	4.2%	\$1,819	\$932,697
<b>Ethnicity</b>				
Hispanic	347	4.7%	\$1,540	\$907,951
<b>Age Group</b>				
00-14	2,084	28.2%	\$1,231	\$3,383,275
15-24	1,051	14.2%	\$1,760	\$2,900,586
25-34	1,194	16.2%	\$1,971	\$3,970,270
35-44	911	12.3%	\$2,128	\$3,817,163
45-54	748	10.1%	\$2,382	\$2,791,534
55-64	683	9.2%	\$2,452	\$2,716,077
65-74	397	5.4%	\$3,055	\$1,730,118
75+	322	4.4%	\$4,503	\$1,661,143
<b>Primary Payer</b>				
Medicare	822	11.1%	\$3,632	\$3,856,196
Medicaid	3,085	41.7%	\$1,713	\$9,348,639
Commercial	1,730	23.4%	\$1,550	\$4,720,727
Self-Pay	913	12.4%	\$1,752	\$2,699,245
Other	829	11.2%	\$1,510	\$2,330,851
<b>Public Health Region</b>				
Anchorage	3,525	47.7%	\$1,969	\$12,566,741
Gulf Coast	697	9.4%	\$1,642	\$2,104,562
Interior	623	8.4%	\$1,384	\$1,216,803
Mat-Su	657	8.9%	\$1,766	\$2,173,349
Northern	454	6.1%	\$1,333	\$1,181,411
Southeast	608	8.2%	\$1,001	\$1,319,789
Southwest	598	8.1%	\$1,531	\$1,600,525
Out of State	211	2.9%	\$2,123	\$767,546
<b>Annual Totals</b>				
Alaska 2018	7,390	100.0%	\$1,761	\$22,970,166
Alaska 2017	7,419	100.4%	\$1,581	\$21,681,607
Alaska 2016	7,029	95.1%	\$1,493	\$19,395,268

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## HFDR EMERGENCY DEPARTMENT - 2018 LCOV by Age Group

Rank	CCS Diagnosis Category Description	Discharges	Percent
<b>Patients Under Age 1</b>			
1	Other upper respiratory infections	1,242	15.9%
2	Acute bronchitis	748	9.6%
3	Fever of unknown origin	692	8.9%
4	Viral infection	502	6.4%
5	Otitis media and related conditions	483	6.2%
6	Other lower respiratory disease	441	5.7%
7	Other perinatal conditions	305	3.9%
8	Nausea and vomiting	304	3.9%
9	Other injuries and conditions due to external causes	252	3.2%
10	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	220	2.8%
<b>Patients Age 1 to 17</b>			
1	Other upper respiratory infections	6,299	12.7%
2	Superficial injury, contusion	2,677	5.4%
3	Otitis media and related conditions	2,492	5.0%
4	Other injuries and conditions due to external causes	2,102	4.2%
5	Open wounds of head, neck, and trunk	1,906	3.9%
6	Abdominal pain	1,889	3.8%
7	Viral infection	1,737	3.5%
8	Sprains and strains	1,668	3.4%
9	Fever of unknown origin	1,455	2.9%
10	Fracture of upper limb	1,395	2.8%
<b>Patients Age 18 to 64</b>			
1	Abdominal pain	10,988	5.6%
2	Alcohol-related disorders	9,875	5.1%
3	Nonspecific chest pain	8,504	4.4%
4	Other upper respiratory infections	7,818	4.0%
5	Skin and subcutaneous tissue infections	7,573	3.9%
6	Sprains and strains	7,423	3.8%
7	Superficial injury, contusion	7,107	3.6%
8	Spondylosis, intervertebral disc disorders, other back problems	6,384	3.3%
9	Open wounds of extremities	5,387	2.8%
10	Headache, including migraine	4,547	2.3%
<b>Patients Over Age 64</b>			
1	Nonspecific chest pain	2,355	6.1%
2	Superficial injury, contusion	1,367	3.5%
3	Abdominal pain	1,309	3.4%
4	Spondylosis, intervertebral disc disorders, other back problems	1,288	3.3%
5	Chronic obstructive pulmonary disease and bronchiectasis	1,255	3.2%
6	Cardiac dysrhythmias	1,244	3.2%
7	Urinary tract infections	1,242	3.2%
8	Other lower respiratory disease	1,155	3.0%
9	Other non-traumatic joint disorders	919	2.4%
10	Conditions associated with dizziness or vertigo	915	2.4%



## 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 11.7%      Surgical Procedures on the Rectum
    - #2 at 8.2%      Surgical Procedures on Peripheral Nerves
    - #3 at 5.9%      Surgical Procedures on the Esophagus
    - #4 at 5.1%      Surgical Repair (Closure) Procedures on the Integumentary System
    - #5 at 4.7%      General Surgical Procedures on the Musculoskeletal System
    - #6 at 4.6%      Surgical Procedures on the Anterior Segment of the Eye
    - #7 at 4.4%      Surgical Procedures on the Skin, Subcutaneous and Accessory Structures
    - #8 at 3.9%      Surgical Procedures on the Bladder
    - #9 at 3.9%      Endoscopy/Arthroscopy Procedures on the Musculoskeletal System
    - #10 at 3.8%     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 2018 total of 476,849 itemized Surgery CPT codes was reduced to 166,776 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 ten 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, 3.3% of the surgery procedure listings, 5,459, do not have an associated billed dollar amount. The Total Charges Count column was added to identify the listings from the Procedure column total that include a Total Charges amount.

### Data Highlights

- Alaska hospitals and ASCs billed primary payers \$828.5 million for over 168,000 surgery procedures in 2018.
- Overall, the number of surgery procedure listings increased 5% in 2017 and 4% in 2018, and the billed charges increased by 7% in 2017 and 9% in 2018.
- The top 10 Outpatient Surgery Broad CPT Categories covered 160,287 (96.1%) of the 166,776 procedures listed on outpatient bills in 2018, while the top 10 Outpatient Surgery Narrow CPT Categories covered 93,673 (56.2%).
- *Surgical procedures on the rectum* were the first or second leading narrow CPT category for each region and represent 11.7% 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* (\$12,763) 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 37% of procedures, followed by Medicare (25%), and Medicaid (20%). The median procedure charge was \$2,878 to Commercial Insurers, \$2,191 to Medicaid, and \$1,526 to Medicare.

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- The leading outpatient surgical procedures during 2018 for children under age 18 were *Surgical Procedures on the Dentoalveolar Structures*; *Surgical Procedures on the Rectum* for adults age 18 through 64; and *Surgical Procedures on the Anterior Segment of the Eye* for seniors age 65 and over.

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## HFDR OUTPATIENT SURGERY - 2018 Regional Top 10 Broad CPT Code Categories

Rank	CPT Code Category Description	Procedures	Percent
<b>All of Alaska</b>			
1	Surgical Procedures on the Digestive System	40,440	24.2%
2	Surgical Procedures on the Musculoskeletal System	34,869	20.9%
3	Surgical Procedures on the Integumentary System	28,072	16.8%
4	Surgical Procedures on the Nervous System	18,462	11.1%
5	Surgical Procedures on the Eye and Ocular Adnexa	9,785	5.9%
6	Surgical Procedures on the Urinary System	7,292	4.4%
7	Surgical Procedures on the Respiratory System	6,291	3.8%
8	Surgical Procedures on the Female Genital System	5,705	3.4%
9	Surgical Procedures for Maternity Care and Delivery	5,379	3.2%
10	Surgical Procedures on the Auditory System	3,992	2.4%
<b>Anchorage Region</b>			
1	Surgical Procedures on the Digestive System	17,844	25.2%
2	Surgical Procedures on the Musculoskeletal System	14,587	20.6%
3	Surgical Procedures on the Integumentary System	11,534	16.3%
4	Surgical Procedures on the Nervous System	7,823	11.1%
5	Surgical Procedures on the Eye and Ocular Adnexa	4,623	6.5%
6	Surgical Procedures on the Respiratory System	2,818	4.0%
7	Surgical Procedures on the Female Genital System	2,805	4.0%
8	Surgical Procedures on the Urinary System	2,697	3.8%
9	Surgical Procedures for Maternity Care and Delivery	1,718	2.4%
10	Surgical Procedures on the Cardiovascular System	1,521	2.2%
<b>Gulf Coast Region</b>			
1	Surgical Procedures on the Integumentary System	6,464	24.0%
2	Surgical Procedures on the Musculoskeletal System	5,994	22.2%
3	Surgical Procedures on the Digestive System	5,333	19.8%
4	Surgical Procedures on the Nervous System	2,726	10.1%
5	Surgical Procedures on the Eye and Ocular Adnexa	1,511	5.6%
6	Surgical Procedures on the Urinary System	1,403	5.2%
7	Surgical Procedures on the Respiratory System	823	3.1%
8	Surgical Procedures on the Female Genital System	637	2.4%
9	Surgical Procedures for Maternity Care and Delivery	618	2.3%
10	Surgical Procedures on the Cardiovascular System	427	1.6%
<b>Interior Region</b>			
1	Surgical Procedures on the Digestive System	4,861	31.4%
2	Surgical Procedures on the Musculoskeletal System	3,420	22.1%
3	Surgical Procedures on the Nervous System	2,376	15.4%
4	Surgical Procedures on the Integumentary System	1,090	7.0%
5	Surgical Procedures on the Eye and Ocular Adnexa	927	6.0%
6	Surgical Procedures on the Urinary System	665	4.3%
7	Surgical Procedures on the Respiratory System	594	3.8%
8	Surgical Procedures on the Cardiovascular System	412	2.7%
9	Surgical Procedures on the Auditory System	391	2.5%
10	Surgical Procedures for Maternity Care and Delivery	145	0.9%

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## HFDR OUTPATIENT SURGERY - 2018 Regional Top 10 Broad CPT Code Categories - Continued

Rank	CPT Code Category Description	Procedures	Percent
<b>Matanuska-Susitna Region</b>			
1	Surgical Procedures on the Digestive System	3,632	22.0%
2	Surgical Procedures on the Musculoskeletal System	3,422	20.7%
3	Surgical Procedures on the Nervous System	2,793	16.9%
4	Surgical Procedures on the Eye and Ocular Adnexa	1,664	10.1%
5	Surgical Procedures on the Integumentary System	1,496	9.0%
6	Surgical Procedures for Maternity Care and Delivery	944	5.7%
7	Surgical Procedures on the Respiratory System	766	4.6%
8	Surgical Procedures on the Urinary System	424	2.6%
9	Surgical Procedures on the Female Genital System	408	2.5%
10	Surgical Procedures on the Cardiovascular System	366	2.2%
<b>Northern Region</b>			
1	Surgical Procedures on the Musculoskeletal System	2,005	20.7%
2	Surgical Procedures on the Digestive System	1,959	20.2%
3	Surgical Procedures on the Integumentary System	1,946	20.1%
4	Surgical Procedures for Maternity Care and Delivery	665	6.9%
5	Surgical Procedures on the Nervous System	625	6.4%
6	Surgical Procedures on the Urinary System	580	6.0%
7	Surgical Procedures on the Female Genital System	507	5.2%
8	Surgical Procedures on the Auditory System	487	5.0%
9	Surgical Procedures on the Respiratory System	409	4.2%
10	Surgical Procedures on the Eye and Ocular Adnexa	293	3.0%
<b>Southeast Region</b>			
1	Surgical Procedures on the Digestive System	4,128	27.6%
2	Surgical Procedures on the Integumentary System	3,123	20.9%
3	Surgical Procedures on the Musculoskeletal System	2,888	19.3%
4	Surgical Procedures on the Nervous System	1,193	8.0%
5	Surgical Procedures on the Urinary System	779	5.2%
6	Surgical Procedures on the Female Genital System	571	3.8%
7	Surgical Procedures for Maternity Care and Delivery	440	2.9%
8	Surgical Procedures on the Respiratory System	428	2.9%
9	Surgical Procedures on the Eye and Ocular Adnexa	392	2.6%
10	Surgical Procedures on the Auditory System	361	2.4%
<b>Southwest Region</b>			
1	Surgical Procedures on the Digestive System	2,430	22.6%
2	Surgical Procedures on the Musculoskeletal System	2,093	19.5%
3	Surgical Procedures on the Integumentary System	1,871	17.4%
4	Surgical Procedures for Maternity Care and Delivery	834	7.8%
5	Surgical Procedures on the Nervous System	817	7.6%
6	Surgical Procedures on the Urinary System	611	5.7%
7	Surgical Procedures on the Female Genital System	591	5.5%
8	Surgical Procedures on the Auditory System	585	5.5%
9	Surgical Procedures on the Respiratory System	421	3.9%
10	Surgical Procedures on the Eye and Ocular Adnexa	322	3.0%

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## HFDR OUTPATIENT SURGERY - 2018 Regional Top 10 Narrow CPT Code Categories

Rank	CPT Code Category Description	Procedures	Percent
<b>All of Alaska</b>			
1	Surgical Procedures on the Rectum	19,515	11.7%
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	13,641	8.2%
3	Surgical Procedures on the Esophagus	9,790	5.9%
4	Surgical Repair (Closure) Procedures on the Integumentary System	8,498	5.1%
5	General Surgical Procedures on the Musculoskeletal System	7,808	4.7%
6	Surgical Procedures on the Anterior Segment of the Eye	7,711	4.6%
7	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	7,284	4.4%
8	Surgical Procedures on the Bladder	6,577	3.9%
9	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	6,522	3.9%
10	Application of Casts and Strapping	6,327	3.8%
<b>Anchorage Region</b>			
1	Surgical Procedures on the Rectum	8,984	12.7%
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	6,024	8.5%
3	Surgical Procedures on the Esophagus	4,362	6.2%
4	Surgical Repair (Closure) Procedures on the Integumentary System	3,866	5.5%
5	Surgical Procedures on the Anterior Segment of the Eye	3,572	5.1%
6	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	3,060	4.3%
7	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	2,944	4.2%
8	Application of Casts and Strapping	2,927	4.1%
9	Surgical Procedures on the Bladder	2,329	3.3%
10	General Surgical Procedures on the Musculoskeletal System	2,274	3.2%
<b>Gulf Coast Region</b>			
1	Surgical Procedures on the Nails	3,009	11.2%
2	Surgical Procedures on the Rectum	2,352	8.7%
3	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	2,016	7.5%
4	General Surgical Procedures on the Musculoskeletal System	1,493	5.5%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	1,362	5.1%
6	Surgical Repair (Closure) Procedures on the Integumentary System	1,337	5.0%
7	Surgical Procedures on the Bladder	1,333	4.9%
8	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	1,283	4.8%
9	Surgical Procedures on the Anterior Segment of the Eye	1,266	4.7%
10	Surgical Procedures on the Esophagus	1,262	4.7%
<b>Interior Region</b>			
1	Surgical Procedures on the Rectum	2,494	16.1%
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	1,676	10.8%
3	Surgical Procedures on the Esophagus	1,216	7.9%
4	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	773	5.0%
5	Surgical Procedures on the Anterior Segment of the Eye	754	4.9%
6	Surgical Procedures on the Spine and Spinal Cord	684	4.4%
7	Surgical Procedures on the Shoulder	572	3.7%
8	Surgical Procedures on the Bladder	516	3.3%
9	General Surgical Procedures on the Musculoskeletal System	505	3.3%
10	Application of Casts and Strapping	432	2.8%

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## HFDR OUTPATIENT SURGERY - 2018 Regional Top 10 Narrow CPT Code Categories - Continued

Rank	CPT Code Category Description	Procedures	Percent
<b>Matanuska-Susitna Region</b>			
1	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	1,796	10.9%
2	Surgical Procedures on the Rectum	1,537	9.3%
3	Surgical Procedures on the Anterior Segment of the Eye	1,377	8.3%
4	Surgical Procedures on the Esophagus	1,091	6.6%
5	Surgical Procedures on the Spine and Spinal Cord	967	5.8%
6	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	903	5.5%
7	Application of Casts and Strapping	819	5.0%
8	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	720	4.4%
9	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	404	2.4%
10	General Surgical Procedures on the Musculoskeletal System	402	2.4%
<b>Northern Region</b>			
1	Surgical Procedures on the Rectum	988	10.2%
2	General Surgical Procedures on the Musculoskeletal System	980	10.1%
3	Surgical Repair (Closure) Procedures on the Integumentary System	583	6.0%
4	Surgical Procedures on the Bladder	567	5.8%
5	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	566	5.8%
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	558	5.8%
7	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	521	5.4%
8	Surgical Procedures on the Esophagus	370	3.8%
9	Application of Casts and Strapping	350	3.6%
10	Surgical Procedures on the Corpus Uteri	349	3.6%
<b>Southeast Region</b>			
1	Surgical Procedures on the Rectum	2,070	13.8%
2	General Surgical Procedures on the Musculoskeletal System	1,313	8.8%
3	Surgical Repair (Closure) Procedures on the Integumentary System	1,227	8.2%
4	Surgical Procedures on the Esophagus	1,046	7.0%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	941	6.3%
6	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	920	6.2%
7	Surgical Procedures on the Bladder	734	4.9%
8	Application of Casts and Strapping	411	2.7%
9	Surgical Procedures on the Corpus Uteri	395	2.6%
10	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	392	2.6%
<b>Southwest Region</b>			
1	Surgical Procedures on the Rectum	1,003	9.3%
2	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	782	7.3%
3	General Surgical Procedures on the Musculoskeletal System	760	7.1%
4	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	669	6.2%
5	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	601	5.6%
6	Surgical Procedures on the Bladder	595	5.5%
7	Surgical Repair (Closure) Procedures on the Integumentary System	564	5.3%
8	Surgical Procedures on the Dentoalveolar Structures	503	4.7%
9	Surgical Procedures on the Middle Ear	410	3.8%
10	Application of Casts and Strapping	399	3.7%

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 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	7,468
		2	Colonoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique	5,754
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	1,878
		2	Injection, anesthetic agent; brachial plexus, single	1,764
3	Surgical Procedures on the Esophagus	1	Esophagogastroduodenoscopy, flexible, transoral; with biopsy, single or multiple	7,028
		2	Esophagogastroduodenoscopy, flexible, transoral; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	1,064
4	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	2,661
		2	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 2.5 cm or less	1,395
5	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	3,535
		2	Injection(s); single or multiple trigger point(s), 1 or 2 muscle(s)	892
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)	6,006
		2	Discission of secondary membranous cataract (opacified posterior lens capsule and/or anterior hyaloid); laser surgery (eg, YAG laser) (1 or more stages)	738
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	1,873
		2	Incision and drainage of abscess (eg, carbuncle, suppurative hidradenitis, cutaneous or subcutaneous abscess, cyst, furuncle, or paronychia); complicated or multiple	647
8	Surgical Procedures on the Bladder	1	Measurement of post-voiding residual urine and/or bladder capacity by ultrasound, non-imaging	1,525
		2	Insertion of temporary indwelling bladder catheter; simple (eg, Foley)	1,150
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	1,116
		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)	599
10	Application of Casts and Strapping	1	Application of multi-layer compression system; leg (below knee), including ankle and foot	2,308
		2	Application of short arm splint (forearm to hand); static	1,158

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 100% of Outpatient Surgery Procedures: All Outpatient Surgery Procedures

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	76,937	46.1%	\$2,529	74,472	\$390,685,265
Female	89,777	53.8%	\$2,511	86,785	\$437,499,386
<b>Race</b>					
White	83,907	50.3%	\$2,665	82,239	\$436,664,548
AI/AN	47,284	28.4%	\$1,020	44,057	\$164,355,163
Asian/PI	5,849	3.5%	\$2,689	5,714	\$32,836,268
Black	3,670	2.2%	\$2,511	3,543	\$19,072,522
<b>Ethnicity</b>					
Hispanic	4,776	2.9%	\$1,964	4,635	\$20,711,767
<b>Age Group</b>					
00-14	12,886	7.7%	\$3,792	12,282	\$64,571,100
15-24	11,870	7.1%	\$1,403	11,389	\$53,268,851
25-34	18,585	11.1%	\$1,500	17,828	\$83,883,544
35-44	18,627	11.2%	\$2,852	17,850	\$105,488,054
45-54	26,077	15.6%	\$2,864	25,164	\$150,095,724
55-64	35,606	21.3%	\$2,864	34,575	\$202,112,148
65-74	28,149	16.9%	\$2,256	27,526	\$119,280,687
75+	14,972	9.0%	\$1,012	14,699	\$49,795,243
<b>Primary Payer</b>					
Medicare	41,018	24.6%	\$1,526	40,226	\$151,219,507
Medicaid	33,664	20.2%	\$2,191	32,035	\$149,319,246
Commercial	61,941	37.1%	\$2,878	60,159	\$360,306,855
Self-Pay	12,894	7.7%	\$1,048	12,340	\$51,685,003
Other	17,135	10.3%	\$3,461	16,434	\$115,884,830
<b>Public Health Region</b>					
Anchorage	70,714	42.4%	\$2,864	68,822	\$406,859,263
Gulf Coast	26,947	16.2%	\$1,964	26,530	\$113,323,801
Interior	15,462	9.3%	\$2,665	14,963	\$74,083,938
Mat-Su	16,543	9.9%	\$3,915	16,166	\$115,030,013
Northern	9,697	5.8%	\$1,404	9,277	\$35,458,055
Southeast	14,951	9.0%	\$1,298	14,796	\$37,883,039
Southwest	10,729	6.4%	\$1,358	9,061	\$39,417,665
Out of State	1,625	1.0%	\$889	1,595	\$5,839,905
<b>Annual Totals</b>					
Alaska 2018	166,776	100.0%	\$2,511	161,317	\$828,497,852
Alaska 2017	159,607	95.7%	\$2,511	154,085	\$781,190,963
Alaska 2016	152,555	91.5%	\$2,511	147,422	\$719,805,242

Alaska Health Facilities Data Reporting Program 2018 Annual Report

2018 CPT Category #1 at 11.7% of Outpatient Surgery Procedures:  
Surgical Procedures on the Rectum

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	9,949	51.0%	\$2,781	9,765	\$28,634,500
Female	9,565	49.0%	\$2,781	9,378	\$28,312,978
<b>Race</b>					
White	10,506	53.8%	\$2,665	10,301	\$28,412,811
AI/AN	4,269	21.9%	\$3,769	4,168	\$15,280,956
Asian/PI	710	3.6%	\$2,781	694	\$1,987,221
Black	420	2.2%	\$2,781	404	\$1,193,672
<b>Ethnicity</b>					
Hispanic	854	4.4%	\$2,380	841	\$2,181,502
<b>Age Group</b>					
00-14	126	0.6%	\$2,525	126	\$378,268
15-24	294	1.5%	\$2,652	291	\$871,300
25-34	815	4.2%	\$2,864	795	\$2,546,446
35-44	1,729	8.9%	\$2,864	1,686	\$5,377,273
45-54	4,717	24.2%	\$2,864	4,652	\$14,210,820
55-64	6,839	35.0%	\$2,781	6,724	\$20,262,622
65-74	4,018	20.6%	\$2,572	3,926	\$10,672,811
75+	977	5.0%	\$2,571	944	\$2,630,720
<b>Primary Payer</b>					
Medicare	4,063	20.8%	\$2,529	3,944	\$10,440,900
Medicaid	2,958	15.2%	\$2,864	2,887	\$9,239,113
Commercial	10,135	51.9%	\$2,781	10,002	\$29,361,369
Self-Pay	1,024	5.2%	\$4,658	1,001	\$4,298,679
Other	1,317	6.7%	\$2,764	1,292	\$3,572,932
<b>Public Health Region</b>					
Anchorage	8,984	46.0%	\$2,864	8,754	\$28,660,067
Gulf Coast	2,352	12.1%	\$2,864	2,311	\$7,356,659
Interior	2,494	12.8%	\$1,338	2,484	\$4,509,626
Mat-Su	1,537	7.9%	\$3,915	1,507	\$5,480,559
Northern	988	5.1%	\$3,376	966	\$3,483,861
Southeast	2,070	10.6%	\$1,671	2,064	\$4,128,114
Southwest	1,003	5.1%	\$3,716	974	\$3,067,150
Out of State	84	0.4%	\$3,520	81	\$257,506
<b>Annual Totals</b>					
Alaska 2018	19,515	100.0%	\$2,781	19,144	\$56,950,259
Alaska 2017	17,945	92.0%	\$2,764	17,636	\$52,264,197
Alaska 2016	16,205	83.0%	\$2,700	15,929	\$49,373,471

Alaska Health Facilities Data Reporting Program 2018 Annual Report

2018 CPT Category #2 at 8.2% 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
<b>Sex</b>					
Male	6,149	45.1%	\$2,525	6,024	\$23,062,803
Female	7,488	54.9%	\$2,566	7,352	\$29,966,612
<b>Race</b>					
White	7,756	56.9%	\$2,511	7,650	\$25,848,675
AI/AN	2,670	19.6%	\$2,996	2,572	\$9,935,930
Asian/PI	324	2.4%	\$2,511	319	\$1,191,595
Black	363	2.7%	\$2,511	356	\$1,019,837
<b>Ethnicity</b>					
Hispanic	395	2.9%	\$2,427	385	\$1,042,289
<b>Age Group</b>					
00-14	93	0.7%	\$2,511	91	\$266,579
15-24	742	5.4%	\$2,511	725	\$2,081,287
25-34	1,480	10.8%	\$2,511	1,444	\$4,806,357
35-44	2,115	15.5%	\$2,996	2,072	\$9,457,505
45-54	2,986	21.9%	\$2,996	2,934	\$12,330,210
55-64	3,689	27.0%	\$2,595	3,611	\$14,864,148
65-74	1,810	13.3%	\$2,525	1,780	\$6,728,724
75+	726	5.3%	\$2,600	723	\$2,507,981
<b>Primary Payer</b>					
Medicare	2,459	18.0%	\$2,566	2,436	\$8,588,025
Medicaid	2,395	17.6%	\$2,996	2,338	\$9,475,301
Commercial	5,047	37.0%	\$2,525	4,924	\$20,384,880
Self-Pay	719	5.3%	\$2,996	693	\$2,423,471
Other	3,020	22.1%	\$2,511	2,988	\$12,168,119
<b>Public Health Region</b>					
Anchorage	6,024	44.2%	\$2,511	5,897	\$24,259,561
Gulf Coast	2,016	14.8%	\$2,595	1,991	\$8,305,202
Interior	1,676	12.3%	\$1,874	1,638	\$4,211,438
Mat-Su	1,796	13.2%	\$3,006	1,773	\$8,109,639
Northern	521	3.8%	\$2,996	513	\$2,068,895
Southeast	920	6.7%	\$2,995	908	\$3,178,166
Southwest	601	4.4%	\$2,996	575	\$2,592,197
Out of State	79	0.6%	\$2,511	77	\$285,811
<b>Annual Totals</b>					
Alaska 2018	13,641	100.0%	\$2,525	13,380	\$53,042,791
Alaska 2017	13,356	97.9%	\$2,725	13,072	\$53,547,254
Alaska 2016	14,293	104.8%	\$2,995	14,084	\$57,803,761

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 CPT Category #3 at 5.9% of Outpatient Surgery Procedures: Surgical Procedures on the Esophagus

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	4,424	45.2%	\$2,852	4,237	\$13,159,647
Female	5,366	54.8%	\$2,852	5,173	\$16,461,587
<b>Race</b>					
White	5,864	59.9%	\$2,710	5,706	\$17,034,254
AI/AN	1,794	18.3%	\$3,760	1,614	\$6,761,455
Asian/PI	378	3.9%	\$2,654	367	\$980,541
Black	279	2.8%	\$2,852	271	\$807,162
<b>Ethnicity</b>					
Hispanic	520	5.3%	\$1,623	503	\$1,365,548
<b>Age Group</b>					
00-14	357	3.6%	\$4,512	355	\$1,383,633
15-24	430	4.4%	\$2,852	415	\$1,347,572
25-34	800	8.2%	\$2,852	764	\$2,355,154
35-44	1,182	12.1%	\$2,852	1,137	\$3,726,042
45-54	1,765	18.0%	\$2,852	1,694	\$5,484,274
55-64	2,521	25.8%	\$2,852	2,405	\$7,731,205
65-74	1,975	20.2%	\$2,654	1,907	\$5,443,191
75+	760	7.8%	\$2,791	733	\$2,150,161
<b>Primary Payer</b>					
Medicare	2,499	25.5%	\$2,525	2,426	\$6,815,576
Medicaid	1,914	19.6%	\$2,852	1,803	\$6,247,217
Commercial	4,210	43.0%	\$2,764	4,092	\$12,557,718
Self-Pay	355	3.6%	\$3,850	305	\$1,459,677
Other	809	8.3%	\$2,852	781	\$2,536,767
<b>Public Health Region</b>					
Anchorage	4,362	44.6%	\$2,852	4,173	\$14,049,194
Gulf Coast	1,262	12.9%	\$2,852	1,213	\$3,985,351
Interior	1,216	12.4%	\$1,487	1,200	\$2,674,789
Mat-Su	1,091	11.1%	\$3,850	1,058	\$3,957,657
Northern	370	3.8%	\$2,957	336	\$1,280,032
Southeast	1,046	10.7%	\$1,671	1,025	\$2,170,380
Southwest	377	3.9%	\$3,760	342	\$1,283,102
Out of State	64	0.7%	\$3,036	61	\$215,347
<b>Annual Totals</b>					
Alaska 2018	9,790	100.0%	\$2,852	9,410	\$29,621,234
Alaska 2017	8,821	90.1%	\$2,841	8,514	\$25,313,632
Alaska 2016	8,130	83.0%	\$2,710	7,779	\$22,227,196

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 CPT Category #4 at 5.1% of Outpatient Surgery Procedures: Surgical Repair (Closure) Procedures on the Integumentary System

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	5,197	61.2%	\$500	5,001	\$6,713,422
Female	3,301	38.8%	\$590	3,169	\$6,869,476
<b>Race</b>					
White	4,458	52.5%	\$438	4,379	\$6,115,494
AI/AN	2,184	25.7%	\$590	1,963	\$2,719,308
Asian/PI	443	5.2%	\$459	434	\$500,722
Black	258	3.0%	\$500	248	\$218,377
<b>Ethnicity</b>					
Hispanic	322	3.8%	\$500	309	\$340,655
<b>Age Group</b>					
00-14	1,592	18.7%	\$431	1,551	\$1,324,520
15-24	1,090	12.8%	\$500	1,046	\$1,108,418
25-34	1,404	16.5%	\$505	1,341	\$1,920,297
35-44	1,081	12.7%	\$537	1,028	\$2,236,733
45-54	889	10.5%	\$537	846	\$1,854,317
55-64	1,078	12.7%	\$608	1,033	\$2,607,365
65-74	807	9.5%	\$590	779	\$1,474,903
75+	556	6.5%	\$500	545	\$1,056,069
<b>Primary Payer</b>					
Medicare	1,367	16.1%	\$590	1,333	\$2,425,225
Medicaid	2,337	27.5%	\$438	2,256	\$2,682,116
Commercial	2,621	30.8%	\$500	2,510	\$3,731,604
Self-Pay	1,048	12.3%	\$608	1,031	\$3,157,525
Other	1,106	13.0%	\$457	1,021	\$1,577,540
<b>Public Health Region</b>					
Anchorage	3,866	45.5%	\$608	3,788	\$7,247,719
Gulf Coast	1,337	15.7%	\$438	1,318	\$1,789,614
Interior	189	2.2%	\$2,400	179	\$601,670
Mat-Su	386	4.5%	\$1,570	362	\$1,626,661
Northern	583	6.9%	\$849	570	\$788,804
Southeast	1,227	14.4%	\$218	1,222	\$719,217
Southwest	564	6.6%	\$537	388	\$585,217
Out of State	331	3.9%	\$417	328	\$217,428
<b>Annual Totals</b>					
Alaska 2018	8,498	100.0%	\$500	8,170	\$13,582,898
Alaska 2017	8,380	98.6%	\$417	7,987	\$12,886,285
Alaska 2016	9,186	108.1%	\$397	8,741	\$12,705,454

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2018 CPT Category #5 at 4.7% of Outpatient Surgery Procedures:  
General Surgical Procedures on the Musculoskeletal System

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	3,230	41.4%	\$853	3,093	\$8,291,104
Female	4,570	58.5%	\$829	4,409	\$9,542,676
<b>Race</b>					
White	2,764	35.4%	\$737	2,694	\$6,892,071
AI/AN	3,936	50.4%	\$850	3,730	\$6,287,648
Asian/PI	116	1.5%	\$1,133	114	\$474,150
Black	81	1.0%	\$1,133	68	\$288,772
<b>Ethnicity</b>					
Hispanic	114	1.5%	\$888	112	\$254,458
<b>Age Group</b>					
00-14	140	1.8%	\$11,301	132	\$1,347,998
15-24	264	3.4%	\$3,535	252	\$1,726,946
25-34	533	6.8%	\$888	506	\$2,170,871
35-44	826	10.6%	\$872	775	\$2,164,452
45-54	1,443	18.5%	\$888	1,384	\$3,579,380
55-64	1,923	24.6%	\$876	1,860	\$4,011,361
65-74	1,708	21.9%	\$688	1,662	\$2,038,986
75+	971	12.4%	\$483	939	\$827,489
<b>Primary Payer</b>					
Medicare	2,710	34.7%	\$614	2,636	\$2,783,571
Medicaid	1,070	13.7%	\$876	1,007	\$3,234,633
Commercial	2,487	31.9%	\$1,110	2,411	\$7,622,321
Self-Pay	978	12.5%	\$850	961	\$1,608,518
Other	533	6.8%	\$2,613	465	\$2,608,827
<b>Public Health Region</b>					
Anchorage	2,274	29.1%	\$1,530	2,208	\$8,266,877
Gulf Coast	1,493	19.1%	\$737	1,486	\$2,693,305
Interior	505	6.5%	\$639	491	\$1,205,092
Mat-Su	402	5.1%	\$1,530	382	\$1,679,768
Northern	980	12.6%	\$656	971	\$1,474,317
Southeast	1,313	16.8%	\$364	1,310	\$1,183,024
Southwest	760	9.7%	\$876	581	\$1,236,045
Out of State	72	0.9%	\$450	72	\$115,452
<b>Annual Totals</b>					
Alaska 2018	7,808	100.0%	\$850	7,510	\$17,867,484
Alaska 2017	7,681	98.4%	\$1,110	7,384	\$18,225,772
Alaska 2016	6,032	77.3%	\$1,425	5,815	\$16,428,607

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 CPT Category #6 at 4.6% of Outpatient Surgery Procedures: Surgical Procedures on the Anterior Segment of the Eye

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	3,457	44.8%	\$3,463	3,433	\$15,607,729
Female	4,251	55.1%	\$3,463	4,228	\$18,779,125
<b>Race</b>					
White	4,581	59.4%	\$3,259	4,559	\$19,135,741
AI/AN	903	11.7%	\$6,775	893	\$5,808,168
Asian/PI	410	5.3%	\$3,259	409	\$1,521,578
Black	164	2.1%	\$3,259	161	\$568,213
<b>Ethnicity</b>					
Hispanic	87	1.1%	\$4,496	85	\$378,514
<b>Age Group</b>					
00-14	22	0.3%	\$5,544	22	\$143,744
15-24	21	0.3%	\$8,251	20	\$154,935
25-34	124	1.6%	\$3,000	113	\$389,438
35-44	129	1.7%	\$3,463	123	\$594,834
45-54	459	6.0%	\$3,463	452	\$2,168,319
55-64	1,894	24.6%	\$4,743	1,879	\$9,599,503
65-74	3,348	43.4%	\$3,463	3,344	\$14,349,834
75+	1,714	22.2%	\$3,259	1,711	\$6,989,631
<b>Primary Payer</b>					
Medicare	4,150	53.8%	\$3,273	4,143	\$16,710,403
Medicaid	580	7.5%	\$6,250	573	\$3,489,129
Commercial	2,060	26.7%	\$3,463	2,046	\$9,404,220
Self-Pay	208	2.7%	\$7,098	203	\$1,412,738
Other	713	9.2%	\$3,463	699	\$3,373,747
<b>Public Health Region</b>					
Anchorage	3,572	46.3%	\$3,259	3,544	\$13,915,890
Gulf Coast	1,266	16.4%	\$3,259	1,258	\$4,727,718
Interior	754	9.8%	\$4,938	749	\$3,918,634
Mat-Su	1,377	17.9%	\$6,775	1,376	\$7,731,859
Northern	206	2.7%	\$7,098	204	\$1,455,182
Southeast	276	3.6%	\$3,259	274	\$1,131,126
Southwest	227	2.9%	\$6,250	226	\$1,379,734
Out of State	33	0.4%	\$3,463	33	\$130,094
<b>Annual Totals</b>					
Alaska 2018	7,711	100.0%	\$3,463	7,664	\$34,390,237
Alaska 2017	7,303	94.7%	\$3,463	7,252	\$30,058,000
Alaska 2016	6,204	80.5%	\$3,078	6,165	\$24,158,763

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 CPT Category #7 at 4.4% of Outpatient Surgery Procedures: Surgical Procedures on the Skin, Subcutaneous and Accessory Structures

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	3,672	50.4%	\$608	3,400	\$5,892,495
Female	3,611	49.6%	\$608	3,440	\$5,489,985
<b>Race</b>					
White	2,861	39.3%	\$611	2,775	\$4,266,377
AI/AN	3,294	45.2%	\$502	2,961	\$4,903,787
Asian/PI	169	2.3%	\$754	158	\$265,007
Black	158	2.2%	\$754	155	\$238,726
<b>Ethnicity</b>					
Hispanic	167	2.3%	\$754	165	\$257,832
<b>Age Group</b>					
00-14	456	6.3%	\$739	416	\$795,343
15-24	605	8.3%	\$739	553	\$1,054,356
25-34	1,079	14.8%	\$754	999	\$1,788,460
35-44	967	13.3%	\$791	892	\$1,893,640
45-54	971	13.3%	\$754	892	\$1,618,185
55-64	1,127	15.5%	\$608	1,063	\$2,027,198
65-74	1,154	15.8%	\$426	1,115	\$1,472,686
75+	924	12.7%	\$579	910	\$738,346
<b>Primary Payer</b>					
Medicare	2,243	30.8%	\$458	2,189	\$2,247,929
Medicaid	1,724	23.7%	\$609	1,595	\$2,483,556
Commercial	1,888	25.9%	\$889	1,756	\$3,710,759
Self-Pay	967	13.3%	\$608	927	\$1,759,952
Other	456	6.3%	\$999	368	\$1,182,984
<b>Public Health Region</b>					
Anchorage	2,944	40.4%	\$754	2,879	\$5,288,621
Gulf Coast	1,362	18.7%	\$579	1,347	\$1,705,148
Interior	272	3.7%	\$1,323	201	\$701,701
Mat-Su	404	5.5%	\$816	388	\$850,985
Northern	558	7.7%	\$739	533	\$981,747
Southeast	941	12.9%	\$317	933	\$1,009,984
Southwest	669	9.2%	\$343	429	\$615,007
Out of State	132	1.8%	\$599	130	\$234,738
<b>Annual Totals</b>					
Alaska 2018	7,284	100.0%	\$608	6,841	\$11,388,375
Alaska 2017	6,586	90.4%	\$579	6,123	\$9,851,879
Alaska 2016	6,553	90.0%	\$502	6,081	\$9,340,087

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## 2018 CPT Category #8 at 3.9% of Outpatient Surgery Procedures: Surgical Procedures on the Bladder

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	4,379	66.6%	\$330	4,340	\$12,446,796
Female	2,197	33.4%	\$801	2,142	\$9,086,731
<b>Race</b>					
White	2,731	41.5%	\$796	2,715	\$13,420,392
AI/AN	2,887	43.9%	\$293	2,819	\$4,644,910
Asian/PI	120	1.8%	\$3,251	119	\$629,294
Black	63	1.0%	\$551	61	\$224,731
<b>Ethnicity</b>					
Hispanic	109	1.7%	\$430	106	\$504,626
<b>Age Group</b>					
00-14	242	3.7%	\$370	241	\$366,433
15-24	156	2.4%	\$437	149	\$630,897
25-34	349	5.3%	\$1,201	338	\$1,694,713
35-44	381	5.8%	\$2,090	369	\$1,961,742
45-54	677	10.3%	\$1,980	661	\$3,386,798
55-64	1,374	20.9%	\$369	1,362	\$5,550,252
65-74	1,787	27.2%	\$320	1,771	\$5,109,328
75+	1,611	24.5%	\$320	1,592	\$2,842,565
<b>Primary Payer</b>					
Medicare	3,211	48.8%	\$320	3,175	\$7,071,474
Medicaid	769	11.7%	\$437	741	\$3,061,015
Commercial	1,684	25.6%	\$2,277	1,673	\$9,293,140
Self-Pay	499	7.6%	\$320	486	\$1,038,830
Other	409	6.2%	\$330	403	\$1,076,486
<b>Public Health Region</b>					
Anchorage	2,329	35.4%	\$437	2,296	\$9,678,581
Gulf Coast	1,333	20.3%	\$483	1,331	\$3,326,489
Interior	516	7.8%	\$320	513	\$2,323,651
Mat-Su	379	5.8%	\$807	373	\$2,732,952
Northern	567	8.6%	\$320	561	\$1,070,197
Southeast	734	11.2%	\$293	732	\$1,191,372
Southwest	595	9.0%	\$310	554	\$918,362
Out of State	118	1.8%	\$398	117	\$288,083
<b>Annual Totals</b>					
Alaska 2018	6,577	100.0%	\$382	6,483	\$21,542,727
Alaska 2017	6,701	101.9%	\$355	6,627	\$22,123,350
Alaska 2016	6,250	95.0%	\$416	6,154	\$20,626,042

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## 2018 CPT Category #9 at 3.9% of Outpatient Surgery Procedures: Endoscopy/Arthroscopy Procedures on the Musculoskeletal System

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	3,369	51.7%	\$12,763	3,266	\$41,369,859
Female	3,153	48.3%	\$12,752	3,033	\$38,582,142
<b>Race</b>					
White	3,772	57.8%	\$12,548	3,726	\$42,567,997
AI/AN	702	10.8%	\$13,689	537	\$8,585,806
Asian/PI	199	3.1%	\$12,548	196	\$2,577,000
Black	148	2.3%	\$12,955	148	\$1,882,641
<b>Ethnicity</b>					
Hispanic	166	2.5%	\$12,548	160	\$1,939,191
<b>Age Group</b>					
00-14	66	1.0%	\$12,548	61	\$798,263
15-24	644	9.9%	\$13,689	600	\$8,918,787
25-34	730	11.2%	\$12,955	694	\$9,411,430
35-44	996	15.3%	\$12,996	956	\$12,798,908
45-54	1,548	23.7%	\$12,955	1,500	\$19,142,582
55-64	1,721	26.4%	\$12,548	1,684	\$20,364,023
65-74	680	10.4%	\$11,300	668	\$7,104,923
75+	137	2.1%	\$9,075	136	\$1,413,085
<b>Primary Payer</b>					
Medicare	689	10.6%	\$9,075	685	\$6,855,788
Medicaid	804	12.3%	\$12,548	742	\$9,461,406
Commercial	3,221	49.4%	\$12,955	3,140	\$39,362,198
Self-Pay	199	3.1%	\$14,030	144	\$2,458,358
Other	1,609	24.7%	\$13,689	1,588	\$21,814,251
<b>Public Health Region</b>					
Anchorage	3,060	46.9%	\$13,689	2,988	\$41,337,773
Gulf Coast	1,283	19.7%	\$7,985	1,260	\$12,863,210
Interior	773	11.9%	\$9,275	739	\$7,801,727
Mat-Su	720	11.0%	\$15,904	704	\$10,424,690
Northern	169	2.6%	\$14,135	130	\$2,244,544
Southeast	300	4.6%	\$6,117	293	\$2,441,581
Southwest	176	2.7%	\$14,135	144	\$2,328,757
Out of State	35	0.5%	\$12,300	35	\$420,157
<b>Annual Totals</b>					
Alaska 2018	6,522	100.0%	\$12,763	6,299	\$79,952,001
Alaska 2017	6,271	96.2%	\$12,863	6,080	\$76,494,346
Alaska 2016	5,988	91.8%	\$12,955	5,834	\$73,610,324

Alaska Health Facilities Data Reporting Program 2018 Annual Report

2018 CPT Category #10 at 3.8% of Outpatient Surgery Procedures:  
Application of Casts and Strapping

	Procedures	Percent of Category	Median Charge	Total Charges Count	Total Charges
<b>Sex</b>					
Male	3,497	55.3%	\$420	3,364	\$1,768,817
Female	2,830	44.7%	\$420	2,721	\$1,300,387
<b>Race</b>					
White	3,915	61.9%	\$413	3,833	\$1,841,783
AI/AN	1,542	24.4%	\$454	1,385	\$749,545
Asian/PI	282	4.5%	\$413	281	\$123,468
Black	211	3.3%	\$398	209	\$100,962
<b>Ethnicity</b>					
Hispanic	164	2.6%	\$459	163	\$81,335
<b>Age Group</b>					
00-14	838	13.2%	\$459	785	\$469,177
15-24	468	7.4%	\$437	435	\$228,914
25-34	566	8.9%	\$413	540	\$250,471
35-44	577	9.1%	\$408	554	\$280,882
45-54	759	12.0%	\$335	726	\$323,052
55-64	1,043	16.5%	\$420	1,023	\$498,218
65-74	1,139	18.0%	\$413	1,104	\$535,919
75+	937	14.8%	\$448	918	\$482,569
<b>Primary Payer</b>					
Medicare	2,145	33.9%	\$420	2,096	\$1,041,846
Medicaid	1,762	27.8%	\$408	1,685	\$822,859
Commercial	1,470	23.2%	\$405	1,420	\$704,042
Self-Pay	443	7.0%	\$597	442	\$263,952
Other	501	7.9%	\$459	436	\$235,341
<b>Public Health Region</b>					
Anchorage	2,927	46.3%	\$459	2,923	\$1,581,568
Gulf Coast	873	13.8%	\$274	872	\$322,599
Interior	432	6.8%	\$335	350	\$144,123
Mat-Su	819	12.9%	\$504	819	\$481,992
Northern	350	5.5%	\$496	350	\$237,964
Southeast	411	6.5%	\$246	411	\$130,465
Southwest	399	6.3%	\$408	245	\$127,489
Out of State	109	1.7%	\$313	108	\$40,128
<b>Annual Totals</b>					
Alaska 2018	6,327	100.0%	\$420	6,085	\$3,069,203
Alaska 2017	6,924	109.4%	\$415	6,683	\$3,061,027
Alaska 2016	7,198	113.8%	\$416	6,937	\$3,144,692

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## HFDR OUTPATIENT SURGERY PROCEDURES - 2018 Top 10 CPT Categories by Age Group

Rank	CPT Category Description	Procedures	Percent
<b>Patients Under Age 1</b>			
1	Surgical Procedures on the Penis	130	19.5%
2	Surgical Procedures on the Middle Ear	120	18.0%
3	Surgical Procedures on the Bladder	81	12.2%
4	Surgical Procedures on the Spine and Spinal Cord	52	7.8%
5	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	28	4.2%
6	Surgical Repair (Closure) Procedures on the Integumentary System	28	4.2%
7	Surgical Procedures on the Abdomen, Peritoneum, and Omentum	26	3.9%
8	Application of Casts and Strapping	16	2.4%
9	Surgical Procedures on the Larynx	16	2.4%
10	Surgical Procedures on the Tongue and Floor of Mouth	16	2.4%
<b>Patients Age 1 to 17</b>			
1	Surgical Procedures on the Dentoalveolar Structures	2,193	14.3%
2	Surgical Repair (Closure) Procedures on the Integumentary System	1,806	11.8%
3	Surgical Procedures on the Middle Ear	1,627	10.6%
4	Surgical Procedures on the Pharynx, Adenoids, and Tonsils	1,483	9.7%
5	Application of Casts and Strapping	1,017	6.6%
6	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	550	3.6%
7	Surgical Procedures on the External Ear	506	3.3%
8	Surgical Procedures on the Esophagus	475	3.1%
9	Destruction Procedures on the Integumentary System	434	2.8%
10	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	332	2.2%
<b>Patients Age 18 to 64</b>			
1	Surgical Procedures on the Rectum	14,322	13.3%
2	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	10,805	10.0%
3	Surgical Procedures on the Esophagus	6,570	6.1%
4	Endoscopy/Arthroscopy Procedures on the Musculoskeletal System	5,373	5.0%
5	Surgical Repair (Closure) Procedures on the Integumentary System	5,300	4.9%
6	General Surgical Procedures on the Musculoskeletal System	4,904	4.6%
7	Antepartum and Fetal Invasive Services for Maternity Care and Delivery	4,669	4.3%
8	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	4,627	4.3%
9	Surgical Procedures on the Spine and Spinal Cord	3,367	3.1%
10	Surgical Procedures on the Corpus Uteri	3,361	3.1%
<b>Patients Over Age 64</b>			
1	Surgical Procedures on the Anterior Segment of the Eye	5,062	11.7%
2	Surgical Procedures on the Rectum	4,995	11.6%
3	Surgical Procedures on the Bladder	3,398	7.9%
4	Surgical Procedures on the Nails	3,315	7.7%
5	Surgical Procedures on the Esophagus	2,735	6.3%
6	General Surgical Procedures on the Musculoskeletal System	2,679	6.2%
7	Surgical Procedures on the Extracranial Nerves, Peripheral Nerves, and Autonomic Nervous System	2,536	5.9%
8	Surgical Procedures on the Skin, Subcutaneous and Accessory Structures	2,078	4.8%
9	Application of Casts and Strapping	2,076	4.8%
10	Surgical Repair (Closure) Procedures on the Integumentary System	1,364	3.2%



## 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

## Outpatient non-Emergency Department (non-ED) Introduction

### Diagnosis Aggregation

The visits in this section are numerous and varied including visits specifically for surgery, observation, therapy, and radiology, among others. All of the 39,331 ambulatory surgery centers (ASC) visits are included in the outpatient non-ED counts. ASC visits represent 3.9% of the over one million non-ED visits. The other 96.1% of outpatient non-ED visits occurred at 21 non-military community hospitals across the state.

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 groups are broader than the CCS categories so 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 discharges using the Agency for Healthcare Research and Quality Clinical Classification Software™ (CCS) categories that aggregates diagnoses into 260 categories, and displays the top 10.

Summary demographic counts and billed charges for outpatient non-ED visits can be found in the HFDR Overview tables at the beginning of this document by combining the Outpatient Surgery and Outpatient All Other columns. 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 hospitals that reported to HFDR billed \$2.8 billion for 1 million non-ED outpatient visits in 2018.
- The top 10 Outpatient Non-ED ICD-10-CM Categories cover 773,538, or 75.8%, of the 1,020,546 Alaska non-ED stays in 2018.
- The top 10 Outpatient Non-ED CCS Diagnosis Categories cover 302,269 (29.6%) of the 1,020,546 Alaska non-ED stays in 2018.
- Taking the top two CCS categories for each of the seven regions, the most common reasons for outpatient non-ED visits were: *medical examination/evaluation; other screening for suspected conditions (not mental disorders or infectious disease); other upper respiratory infections; and spondylosis, intervertebral disc disorders, other back problems.*
- The leading principal diagnosis for each of the top 10 CCS categories is as follows: *routine child exam, mammogram, low back pain, sore throat, knee pain, follow-up exam, foot pain, immunization, high blood pressure, and sleep apnea.*

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## HFDR OUTPATIENT NON-ED - 2018 Regional Top 10 ICD-10-CM Diagnosis Categories

Rank	ICD-10-CM Categories Description	Discharges	Percent
<b>All of Alaska</b>			
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	123,302	12.08%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	117,777	11.54%
3	Z00-Z13 Persons encountering health services for examinations	116,032	11.37%
4	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	91,332	8.95%
5	E00-E89 Endocrine, nutritional and metabolic diseases	60,050	5.88%
6	I00-I99 Diseases of the circulatory system	58,214	5.70%
7	J00-J99 Diseases of the respiratory system	53,478	5.24%
8	N00-N99 Diseases of the genitourinary system	52,068	5.10%
9	C00-D49 Neoplasms	51,366	5.03%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	49,919	4.89%
<b>Anchorage Region</b>			
1	Z00-Z13 Persons encountering health services for examinations	44,371	12.27%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	41,438	11.46%
3	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	37,065	10.25%
4	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	36,117	9.99%
5	E00-E89 Endocrine, nutritional and metabolic diseases	21,632	5.98%
6	C00-D49 Neoplasms	20,309	5.62%
7	N00-N99 Diseases of the genitourinary system	17,683	4.89%
8	K00-K95 Diseases of the digestive system	16,710	4.62%
9	J00-J99 Diseases of the respiratory system	16,362	4.52%
10	I00-I99 Diseases of the circulatory system	16,161	4.47%
<b>Gulf Coast Region</b>			
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	22,901	15.66%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	18,111	12.38%
3	Z00-Z13 Persons encountering health services for examinations	15,586	10.66%
4	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	11,555	7.90%
5	I00-I99 Diseases of the circulatory system	8,863	6.06%
6	E00-E89 Endocrine, nutritional and metabolic diseases	8,833	6.04%
7	N00-N99 Diseases of the genitourinary system	8,028	5.49%
8	S00-T88 Injury, poisoning, and certain other consequences of external causes	7,911	5.41%
9	C00-D49 Neoplasms	6,781	4.64%
10	L00-L99 Diseases of the skin and subcutaneous tissue	5,813	3.97%
<b>Interior Region</b>			
1	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	18,608	15.18%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	15,531	12.67%
3	Z00-Z13 Persons encountering health services for examinations	12,446	10.16%
4	I00-I99 Diseases of the circulatory system	11,701	9.55%
5	C00-D49 Neoplasms	10,079	8.22%
6	E00-E89 Endocrine, nutritional and metabolic diseases	9,182	7.49%
7	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	8,258	6.74%
8	N00-N99 Diseases of the genitourinary system	6,694	5.46%
9	K00-K95 Diseases of the digestive system	5,479	4.47%
10	S00-T88 Injury, poisoning, and certain other consequences of external causes	5,174	4.22%

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## HFDR OUTPATIENT NON-ED - 2018 Regional Top 10 ICD-10-CM Diagnosis Categories Continued

Rank	ICD-10-CM Categories Description	Discharges	Percent
<b>Matanuska-Susitna Region</b>			
1	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	9,407	12.24%
2	M00-M99 Diseases of the musculoskeletal system and connective tissue	8,845	11.51%
3	Z00-Z13 Persons encountering health services for examinations	8,674	11.28%
4	K00-K95 Diseases of the digestive system	5,422	7.05%
5	N00-N99 Diseases of the genitourinary system	5,410	7.04%
6	C00-D49 Neoplasms	5,166	6.72%
7	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	4,935	6.42%
8	E00-E89 Endocrine, nutritional and metabolic diseases	4,354	5.66%
9	S00-T88 Injury, poisoning, and certain other consequences of external causes	4,202	5.47%
10	I00-I99 Diseases of the circulatory system	3,614	4.70%
<b>Northern Region</b>			
1	Z00-Z13 Persons encountering health services for examinations	12,226	11.43%
2	J00-J99 Diseases of the respiratory system	12,124	11.34%
3	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	9,983	9.33%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	9,809	9.17%
5	M00-M99 Diseases of the musculoskeletal system and connective tissue	9,229	8.63%
6	S00-T88 Injury, poisoning, and certain other consequences of external causes	6,339	5.93%
7	F01-F99 Mental, Behavioral and Neurodevelopmental disorders	5,894	5.51%
8	E00-E89 Endocrine, nutritional and metabolic diseases	5,156	4.82%
9	I00-I99 Diseases of the circulatory system	4,709	4.40%
10	H60-H95 Diseases of the ear and mastoid process	4,606	4.31%
<b>Southeast Region</b>			
1	M00-M99 Diseases of the musculoskeletal system and connective tissue	17,149	13.95%
2	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	16,565	13.47%
3	Z00-Z13 Persons encountering health services for examinations	13,218	10.75%
4	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	12,751	10.37%
5	E00-E89 Endocrine, nutritional and metabolic diseases	9,303	7.57%
6	I00-I99 Diseases of the circulatory system	8,723	7.09%
7	N00-N99 Diseases of the genitourinary system	5,922	4.82%
8	S00-T88 Injury, poisoning, and certain other consequences of external causes	5,200	4.23%
9	J00-J99 Diseases of the respiratory system	5,059	4.11%
10	K00-K95 Diseases of the digestive system	4,535	3.69%
<b>Southwest Region</b>			
1	Z00-Z13 Persons encountering health services for examinations	8,963	11.60%
2	J00-J99 Diseases of the respiratory system	7,813	10.11%
3	M00-M99 Diseases of the musculoskeletal system and connective tissue	7,521	9.74%
4	R00-R99 Symptoms, signs, and abnormal clinical laboratory findings, not elsewhere classified	7,342	9.50%
5	Z14-Z99 Factors influencing health status and contact with health services [except Z00-Z13 examinations]	7,283	9.43%
6	O00- O9A Pregnancy, childbirth, and puerperium	5,793	7.50%
7	S00-T88 Injury, poisoning, and certain other consequences of external causes	4,393	5.69%
8	I00-I99 Diseases of the circulatory system	4,065	5.26%
9	N00-N99 Diseases of the genitourinary system	3,641	4.71%
10	H60-H95 Diseases of the ear and mastoid process	3,533	4.57%

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## HFDR OUTPATIENT NON-ED - 2018 Regional Top 10 CCS Categories

Rank	CCS Diagnosis Category Description	Discharges	Percent
<b>All of Alaska</b>			
1	Medical examination/evaluation	56,552	5.6%
2	Other screening for suspected conditions (not mental disorders or infectious disease)	51,694	5.1%
3	Spondylosis, intervertebral disc disorders, other back problems	35,390	3.5%
4	Other upper respiratory infections	27,413	2.7%
5	Other non-traumatic joint disorders	26,493	2.6%
6	Other aftercare	24,910	2.4%
7	Other connective tissue disease	23,976	2.4%
8	Immunizations and screening for infectious disease	18,760	1.8%
9	Essential hypertension	18,618	1.8%
10	Residual codes, unclassified	18,463	1.8%
<b>Anchorage Region</b>			
1	Medical examination/evaluation	24,961	6.9%
2	Other screening for suspected conditions (not mental disorders or infectious disease)	16,811	4.7%
3	Spondylosis, intervertebral disc disorders, other back problems	11,240	3.1%
4	Other bone disease and musculoskeletal deformities	9,408	2.6%
5	Other aftercare	9,349	2.6%
6	Other upper respiratory infections	8,283	2.3%
7	Other skin disorders	7,398	2.0%
8	Other connective tissue disease	6,576	1.8%
9	Other non-traumatic joint disorders	6,496	1.8%
10	Immunizations and screening for infectious disease	6,430	1.8%
<b>Gulf Coast Region</b>			
1	Other screening for suspected conditions (not mental disorders or infectious disease)	8,291	5.7%
2	Medical examination/evaluation	7,830	5.4%
3	Spondylosis, intervertebral disc disorders, other back problems	6,421	4.4%
4	Other connective tissue disease	5,962	4.1%
5	Other non-traumatic joint disorders	5,555	3.8%
6	Residual codes, unclassified	3,625	2.5%
7	Other skin disorders	3,464	2.4%
8	Other lower respiratory disease	2,834	1.9%
9	Abdominal pain	2,678	1.8%
10	Osteoarthritis	2,630	1.8%
<b>Interior Region</b>			
1	Other screening for suspected conditions (not mental disorders or infectious disease)	10,665	8.7%
2	Spondylosis, intervertebral disc disorders, other back problems	5,188	4.2%
3	Other lower respiratory disease	3,492	2.9%
4	Other connective tissue disease	3,206	2.6%
5	Cardiac dysrhythmias	3,134	2.6%
6	Other non-traumatic joint disorders	3,027	2.5%
7	Thyroid disorders	2,909	2.4%
8	Abdominal pain	2,784	2.3%
9	Genitourinary symptoms and ill-defined conditions	2,628	2.1%
10	Residual codes, unclassified	2,542	2.1%

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## HFDR OUTPATIENT NON-ED - 2018 Regional Top 10 CCS Categories Continued

Rank	CCS Diagnosis Category Description	Discharges	Percent
<b>Matanuska-Susitna Region</b>			
1	Medical examination/evaluation	5,059	6.6%
2	Other screening for suspected conditions (not mental disorders or infectious disease)	3,702	4.8%
3	Spondylosis, intervertebral disc disorders, other back problems	2,969	3.9%
4	Abdominal pain	1,612	2.1%
5	Other connective tissue disease	1,579	2.1%
6	Other non-traumatic joint disorders	1,559	2.0%
7	Other aftercare	1,530	2.0%
8	Genitourinary symptoms and ill-defined conditions	1,438	1.9%
9	Other nervous system disorders	1,322	1.7%
10	Other upper respiratory infections	1,274	1.7%
<b>Northern Region</b>			
1	Other upper respiratory infections	7,661	7.2%
2	Medical examination/evaluation	6,081	5.7%
3	Immunizations and screening for infectious disease	3,891	3.6%
4	Other aftercare	2,950	2.8%
5	Other non-traumatic joint disorders	2,772	2.6%
6	Other screening for suspected conditions (not mental disorders or infectious disease)	2,668	2.5%
7	Other complications of pregnancy	2,566	2.4%
8	Spondylosis, intervertebral disc disorders, other back problems	2,517	2.4%
9	Essential hypertension	2,481	2.3%
10	Otitis media and related conditions	2,420	2.3%
<b>Southeast Region</b>			
1	Other screening for suspected conditions (not mental disorders or infectious disease)	7,646	6.2%
2	Medical examination/evaluation	4,927	4.0%
3	Spondylosis, intervertebral disc disorders, other back problems	4,903	4.0%
4	Other non-traumatic joint disorders	4,327	3.5%
5	Other connective tissue disease	3,630	3.0%
6	Other aftercare	3,493	2.8%
7	Essential hypertension	3,243	2.6%
8	Immunizations and screening for infectious disease	3,188	2.6%
9	Diabetes mellitus without complication	3,168	2.6%
10	Abdominal pain	2,633	2.1%
<b>Southwest Region</b>			
1	Other upper respiratory infections	5,272	6.9%
2	Medical examination/evaluation	5,124	6.7%
3	Other complications of pregnancy	4,056	5.3%
4	Other aftercare	2,904	3.8%
5	Other non-traumatic joint disorders	2,546	3.3%
6	Essential hypertension	2,251	3.0%
7	Immunizations and screening for infectious disease	2,164	2.8%
8	Spondylosis, intervertebral disc disorders, other back problems	1,996	2.6%
9	Other ear and sense organ disorders	1,861	2.4%
10	Other screening for suspected conditions (not mental disorders or infectious disease)	1,682	2.2%

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## 2018 Outpatient Non-ED CCS Categories with Examples of Diagnoses

CCS Rank	CCS Description	ICD Rank	Examples of ICD-10-CM Principal Diagnoses	Count
1	Medical examination/evaluation	1	ENCNTR FOR ROUTINE CHILD HEALTH EXAM W/O ABNORMAL FINDINGS	14,930
		2	ENCOUNTER FOR OTHER PREPROCEDURAL EXAMINATION	12,566
		3	ENCNTR FOR GENERAL ADULT MEDICAL EXAM W/O ABNORMAL FINDINGS	10,114
2	Other screening for suspected conditions (not mental disorders or infectious disease)	1	ENCNTR SCREEN MAMMOGRAM FOR MALIGNANT NEOPLASM OF BREAST	16,295
		2	ENCOUNTER FOR SCREENING FOR MALIGNANT NEOPLASM OF COLON	11,317
		3	ENCOUNTER FOR OTHER SPECIFIED ANTENATAL SCREENING	2,180
3	Spondylosis, intervertebral disc disorders, other back problems	1	LOW BACK PAIN	7,907
		2	CERVICALGIA	3,409
		3	MUSCLE SPASM OF BACK	2,149
4	Other upper respiratory infections	1	ACUTE PHARYNGITIS, UNSPECIFIED	10,230
		2	ACUTE UPPER RESPIRATORY INFECTION, UNSPECIFIED	6,161
		3	STREPTOCOCCAL PHARYNGITIS	2,786
5	Other non-traumatic joint disorders	1	PAIN IN RIGHT KNEE	3,939
		2	PAIN IN LEFT KNEE	3,594
		3	PAIN IN RIGHT SHOULDER	3,019
6	Other aftercare	1	ENCNTR FOR F/U EXAM AFT TRTMT FOR COND OTH THAN MALIG NEOPLM	4,672
		2	ENCOUNTER FOR OTHER ORTHOPEDIC AFTERCARE	2,339
		3	ENCNTR FOR SURGICAL AFTCR FOL SURGERY ON THE SENSE ORGANS	2,320
7	Other connective tissue disease	1	PAIN IN RIGHT FOOT	1,305
		2	PAIN IN LEFT FOOT	1,111
		3	OTHER SPECIFIED SOFT TISSUE DISORDERS	814
8	Immunizations and screening for infectious disease	1	ENCOUNTER FOR IMMUNIZATION	8,339
		2	ENCNTR SCREEN FOR INFECTIONS W SEXL MODE OF TRANSMISS	3,952
		3	ENCOUNTER FOR SCREENING FOR RESPIRATORY TUBERCULOSIS	2,845
9	Essential hypertension	1	ESSENTIAL (PRIMARY) HYPERTENSION	18,618
10	Residual codes, unclassified	1	OBSTRUCTIVE SLEEP APNEA (ADULT) (PEDIATRIC)	4,866
		2	OTHER SPECIFIED POSTPROCEDURAL STATES	2,342
		3	LOCALIZED EDEMA	1,220



## APPENDICES

- Appendix A: Health Facilities Submitting Data for 2018
- Appendix B: Boroughs or Census Areas within each Alaska Public Health Region
- Appendix C: Diagnosis Related Groups (DRGs) Data Tables
- Appendix C: Glossary of Terms

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## Appendix A: Health Facilities Submitting Data for 2018

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
Maniilaq 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	
South Peninsula Hospital	
St. Elias Specialty Hospital	
Wrangell Medical Center*	
Yukon Kuskokwim Delta Regional Hospital*	

\*2018 data does not include records from the following facilities: Wrangell Medical Center (Southeast Region). Also, the following facilities have some records missing: Maniilaq Health Center (Northern Region) and Yukon Kuskokwim Delta Regional Hospital (Southwest Region).

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

<b>REGION</b>	<b>BOROUGH or CENSUS AREA</b>
<b>Anchorage</b>	ANCHORAGE MUNICIPALITY
<b>Gulf Coast</b>	KENAI PENINSULA BOROUGH KODIAK ISLAND BOROUGH VALDEZ-CORDOVA CENSUS AREA
<b>Interior</b>	DENALI BOROUGH FAIRBANKS NORTH STAR BOROUGH SOUTHEAST FAIRBANKS CENSUS AREA YUKON-KOYUKUK CENSUS AREA
<b>Matanuska-Susitna</b>	MATANUSKA-SUSITNA BOROUGH
<b>Northern</b>	NOME CENSUS AREA NORTH SLOPE BOROUGH NORTHWEST ARCTIC BOROUGH
<b>Southeast</b>	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
<b>Southwest</b>	ALEUTIANS EAST BOROUGH ALEUTIANS WEST CENSUS AREA BETHEL CENSUS AREA BRISTOL BAY BOROUGH DILLINGHAM CENSUS AREA KUSILVAK CENSUS AREA LAKE AND PENINSULA BOROUGH

# Alaska Health Facilities Data Reporting Program 2018 Annual Report

## Appendix C: Diagnosis Related Groups (DRGs) Data Tables

### HFDR INPATIENT - 2018 Regional Top 10 DRGs

Rank	DRG Diagnosis Category Description	Discharges	Percent
<b>All of Alaska</b>			
1	NORMAL NEWBORN	4,522	7.5%
2	VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES	4,354	7.2%
3	PSYCHOSES	2,483	4.1%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	2,082	3.4%
5	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	2,062	3.4%
6	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	1,825	3.0%
7	VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	1,261	2.1%
8	CESAREAN SECTION WITHOUT CC/MCC	961	1.6%
9	CESAREAN SECTION WITH CC/MCC	938	1.6%
10	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	912	1.5%
<b>Anchorage Region</b>			
1	NORMAL NEWBORN	1,862	7.8%
2	VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES	1,685	7.1%
3	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	959	4.0%
4	PSYCHOSES	939	3.9%
5	NEONATE W OTHER SIGNIFICANT PROBLEMS	753	3.2%
6	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	677	2.8%
7	VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	490	2.1%
8	CESAREAN SECTION WITH CC/MCC	453	1.9%
9	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	409	1.7%
10	CESAREAN SECTION WITHOUT CC/MCC	392	1.6%
<b>Gulf Coast Region</b>			
1	VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES	503	6.8%
2	NORMAL NEWBORN	495	6.7%
3	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	348	4.7%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	268	3.6%
5	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	187	2.5%
6	PSYCHOSES	163	2.2%
7	VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	127	1.7%
8	CESAREAN SECTION WITHOUT CC/MCC	123	1.7%
9	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	123	1.7%
10	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	99	1.3%
<b>Interior Region</b>			
1	VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES	702	10.8%
2	NORMAL NEWBORN	532	8.2%
3	PSYCHOSES	463	7.1%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	330	5.1%
5	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	271	4.2%
6	DEPRESSIVE NEUROSES	133	2.0%
7	CESAREAN SECTION WITHOUT CC/MCC	127	1.9%
8	NEUROSES EXCEPT DEPRESSIVE	117	1.8%
9	VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	107	1.6%
10	CESAREAN SECTION WITH CC/MCC	95	1.5%

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## HFDR INPATIENT - 2018 Regional Top 10 DRGs– Continued

Rank	DRG Diagnosis Category Description	Discharges	Percent
<b>Matanuska-Susitna Region</b>			
1	NORMAL NEWBORN	650	8.1%
2	VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES	552	6.8%
3	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	441	5.5%
4	PSYCHOSES	237	2.9%
5	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	228	2.8%
6	NEONATE W OTHER SIGNIFICANT PROBLEMS	219	2.7%
7	CESAREAN SECTION WITHOUT CC/MCC	171	2.1%
8	CESAREAN SECTION WITH CC/MCC	169	2.1%
9	VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	168	2.1%
10	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	131	1.6%
<b>Northern Region</b>			
1	VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES	253	6.4%
2	NORMAL NEWBORN	232	5.9%
3	NEONATE W OTHER SIGNIFICANT PROBLEMS	145	3.7%
4	PSYCHOSES	121	3.1%
5	VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	108	2.7%
6	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	94	2.4%
7	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	91	2.3%
8	POISONING & TOXIC EFFECTS OF DRUGS W/O MCC	72	1.8%
9	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	69	1.7%
10	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	62	1.6%
<b>Southeast Region</b>			
1	NORMAL NEWBORN	340	6.4%
2	VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES	284	5.4%
3	PSYCHOSES	250	4.7%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	203	3.8%
5	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	189	3.6%
6	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	145	2.7%
7	VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	122	2.3%
8	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	121	2.3%
9	CESAREAN SECTION WITHOUT CC/MCC	98	1.9%
10	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	96	1.8%
<b>Southwest Region</b>			
1	NORMAL NEWBORN	406	9.6%
2	VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES	356	8.4%
3	PSYCHOSES	262	6.2%
4	NEONATE W OTHER SIGNIFICANT PROBLEMS	157	3.7%
5	VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES	137	3.2%
6	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	95	2.2%
7	CELLULITIS W/O MCC	92	2.2%
8	SIMPLE PNEUMONIA & PLEURISY W CC	75	1.8%
9	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	71	1.7%
10	BRONCHITIS & ASTHMA W CC/MCC	66	1.6%

## Appendix D: Glossary of Terms

### **AHRQ Clinical Classification Software (CCS)**

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 260 categories. The Clinical Classification Software summarizes the diagnosis data at a higher level than the DRG categories groups, combining diagnosis codes into only about 40 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 CCS combine diagnosis codes into logical categories.

### **Diagnosis-Related Groups (DRG)**

A classification system for inpatient discharges. This diagnosis grouper uses DRG 3M software version 33 to aggregate ICD-10-CM codes into about 750 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. The non-ED outpatient place of service categories are: outpatient surgery, outpatient observation, other outpatient, and invalid/missing.

### **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 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.