



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

Email: HealthAnalytics@Alaska.gov



Alaska Facts and Figures

2016 Alaska Resident Leading Causes of Inpatient Hospitalization

The Alaska Facts and Figures tables were prepared by the Alaska Department of Health and Social Services, Division of Public Health, Health Analytics and Vital Records Section. These tables summarize inpatient discharge data from the Alaska Health Facility Data Reporting (HFDR) program for hospital discharges during 2016.

Additional Information

- The statistics provided in the tables reflect data based on hospital inpatient discharges for Alaska residents. Alaska hospitals are required to report their discharge data to the State of Alaska (7 AAC 27.660).
- These tables provide discharge counts and rates for hospital inpatient stays in Alaska.
 - The ICD-10-CM diagnoses are grouped into roughly 300 classifications using [Clinical Classification Software](#) (CCS) diagnosis categories.
 - The fifteen CCS categories having the highest number of discharges for the year are ranked in the first (overall) table and the tables by *Sex*. The top ten discharge diagnosis categories are listed for each *Race* group, and the top three diagnoses are listed in the *Age Group* table and the *Regional Area* ([Public Health Region](#)) table.
- These tables also provide columns for *Billed Charges* with sum, median, and mean listed for each discharge diagnosis.
 - *Billed Charges* reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately negotiated (or discounted) with insurance companies or other payers.
- In the final three tables, the diagnosis categories are ranked by the highest dollar amounts of the billed charges, with the top 15 categories displayed. The first table is ranked with the diagnosis category having highest sum of all billed charges first, the next table ranks the median charges, and the last table ranks the mean charges.
- Each hospital discharge is mutually exclusive, counted in only one *Clinical Classification Category*. However, a patient can have multiple discharges in a calendar year and will be counted for each discharge.
- These tables reflect the latest and most complete counts of hospitalizations. The data presented may differ from previous tables or reports due to late or corrected data submission to HFDR.
- Any rate based on fewer than 6 events is not reported, and any rate based on fewer than 20 events is statistically unreliable and should be interpreted with caution.
- Age-adjusted rates were adjusted by year 2000 standard population ratios. For more information see the Healthy People Statistical Notes on [Age adjustment using the 2000 projected U.S. population](#), January 2001.
- The single-race population estimates used to calculate rates in these tables are provided by the Alaska Department of Labor and Workforce Development, Research and Analysis Section, Demographics Unit.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Hospitalization - Top Fifteen (2016)

Rank	Clinical Classification Categories ¹	Morbidity			Billed Charges ⁴		
		Discharges	Crude Rate ²	Age Adjusted Rate ³	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
1	Liveborn (newborn infant)	9,051	1,223.6	1,181.4	\$248,523,236	\$4,308	\$27,458
2	Septicemia (except in labor)	2,710	366.4	407.4	\$270,999,489	\$54,663	\$100,000
3	Other complications of birth, puerperium affecting management of mother	2,379	321.6	311.3	\$43,497,483	\$14,979	\$18,284
4	Mood disorders	2,226	300.9	305.3	\$88,847,043	\$25,273	\$39,913
5	Osteoarthritis	2,003	270.8	267.1	\$167,672,306	\$82,328	\$83,711
6	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	1,449	195.9	223.5	\$50,639,121	\$21,679	\$34,948
7	Spondylosis, intervertebral disc disorders, other back problems	1,316	177.9	175.4	\$134,667,256	\$87,851	\$102,331
8	Skin and subcutaneous tissue infections	1,168	157.9	162.8	\$37,824,129	\$25,161	\$32,384
9	Alcohol-related disorders	1,155	156.1	152.7	\$49,591,815	\$22,172	\$42,937
10	OB-related trauma to perineum and vulva	1,028	139.0	135.6	\$14,110,145	\$12,193	\$13,726
11	Schizophrenia and other psychotic disorders	1,019	137.8	136.5	\$33,238,732	\$18,468	\$32,619
12	Acute myocardial infarction	959	129.6	135.9	\$122,869,594	\$95,054	\$128,123
13	Chronic obstructive pulmonary disease and bronchiectasis	951	128.6	146.4	\$34,595,954	\$25,521	\$36,379
14	Other complications of pregnancy	942	127.3	128.6	\$22,019,412	\$16,615	\$23,375
15	Acute cerebrovascular disease	930	125.7	145.1	\$69,324,368	\$45,097	\$74,542

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Hospitalization - Top Fifteen by Sex (2016)

Sex	Rank	Clinical Classification Categories ¹	Morbidity			Billed Charges ⁴		
			Discharges	Crude Rate ²	Age Adjusted Rate ³	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
Female	1	Liveborn (newborn infant)	4,388	1,227.0	1,171.2	\$120,491,141	\$4,148	\$27,459
	2	Other complications of birth, puerperium affecting management of mother	2,379	665.2	653.3	\$43,497,483	\$14,979	\$18,284
	3	Septicemia (except in labor)	1,388	388.1	409.6	\$128,293,597	\$52,235	\$92,431
	4	Mood disorders	1,333	372.7	380.9	\$58,830,250	\$28,585	\$44,134
	5	Osteoarthritis	1,089	304.5	297.0	\$90,084,154	\$80,530	\$82,722
	6	OB-related trauma to perineum and vulva	1,028	287.5	285.1	\$14,110,145	\$12,193	\$13,726
	7	Other complications of pregnancy	942	263.4	269.2	\$22,019,412	\$16,615	\$23,375
	8	Hypertension complicating pregnancy, childbirth and the puerperium	894	250.0	249.4	\$26,770,105	\$24,376	\$29,944
	9	Previous C-section	818	228.7	229.2	\$19,497,871	\$21,980	\$23,836
	10	Prolonged pregnancy	748	209.2	203.7	\$13,144,547	\$14,850	\$17,573
	11	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	719	201.0	220.5	\$23,929,601	\$22,154	\$33,282
	12	Polyhydramnios and other problems of amniotic cavity	690	192.9	192.3	\$16,879,839	\$19,459	\$24,464
	13	Spondylosis, intervertebral disc disorders, other back problems	596	166.7	165.9	\$56,941,573	\$82,225	\$95,540
	14	Chronic obstructive pulmonary disease and bronchiectasis	518	144.8	158.6	\$19,310,552	\$26,124	\$37,279
	15	Skin and subcutaneous tissue infections	505	141.2	144.3	\$16,742,959	\$25,785	\$33,154

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Hospitalization - Top Fifteen by Sex (2016)

Sex	Rank	Clinical Classification Categories ¹	Morbidity			Billed Charges ⁴		
			Discharges	Crude Rate ²	Age Adjusted Rate ³	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
Male	1	Liveborn (newborn infant)	4,657	1,218.8	1,189.7	\$128,011,897	\$4,455	\$27,488
	2	Septicemia (except in labor)	1,322	346.0	412.4	\$142,705,892	\$58,994	\$107,947
	3	Osteoarthritis	914	239.2	239.4	\$77,588,151	\$83,567	\$84,889
	4	Mood disorders	893	233.7	236.3	\$30,016,792	\$20,999	\$33,613
	5	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	730	191.1	224.7	\$26,709,519	\$21,610	\$36,588
	6	Spondylosis, intervertebral disc disorders, other back problems	720	188.4	185.6	\$77,725,683	\$91,114	\$107,952
	7	Alcohol-related disorders	691	180.8	175.3	\$28,675,324	\$23,348	\$41,498
	8	Acute myocardial infarction	667	174.6	181.3	\$90,670,039	\$99,408	\$135,937
	9	Skin and subcutaneous tissue infections	663	173.5	179.7	\$21,081,170	\$23,946	\$31,797
	10	Schizophrenia and other psychotic disorders	623	163.1	161.4	\$20,610,489	\$18,468	\$33,083
	11	Acute cerebrovascular disease	513	134.3	160.8	\$39,849,903	\$43,787	\$77,680
	12	Congestive heart failure, nonhypertensive	477	124.8	162.7	\$29,009,988	\$35,972	\$60,818
	13	Diabetes mellitus with complications	443	115.9	122.3	\$21,992,741	\$30,890	\$49,645
	14	Chronic obstructive pulmonary disease and bronchiectasis	433	113.3	136.0	\$15,285,401	\$25,063	\$35,301
	15	Complication of device, implant or graft	425	111.2	120.1	\$43,969,801	\$75,739	\$103,458

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Hospitalization - Top Ten by Race (2016)

Race	Rank	Clinical Classification Categories ¹	Morbidity			Billed Charges ⁴		
			Discharges	Crude Rate ²	Age Adjusted Rate ³	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
White	1	Liveborn (newborn infant)	4,264	828.3	898.4	\$116,667,107	\$3,686	\$27,361
	2	Osteoarthritis	1,627	316.0	281.1	\$134,085,432	\$79,905	\$82,413
	3	Septicemia (except in labor)	1,490	289.4	304.4	\$145,188,492	\$55,559	\$97,442
	4	Mood disorders	1,271	246.9	255.5	\$54,486,664	\$27,411	\$42,869
	5	Spondylosis, intervertebral disc disorders, other back problems	1,035	201.0	183.6	\$106,260,661	\$89,545	\$102,667
	6	Other complications of birth, puerperium affecting management of mother	1,022	198.5	196.2	\$19,857,495	\$16,034	\$19,430
	7	Acute myocardial infarction	670	130.1	123.0	\$86,348,974	\$96,837	\$128,879
	8	Complication of device, implant or graft	598	116.2	111.1	\$60,793,853	\$75,114	\$101,662
	9	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	590	114.6	125.1	\$27,403,915	\$30,258	\$46,447
	10	Acute cerebrovascular disease	582	113.1	121.4	\$44,092,840	\$44,576	\$75,761
AI/AN	1	Liveborn (newborn infant)	2,738	2,146.7	1,502.0	\$58,806,362	\$7,530	\$21,478
	2	Other complications of birth, puerperium affecting management of mother	924	724.5	665.1	\$15,059,397	\$13,338	\$16,298
	3	Septicemia (except in labor)	847	664.1	870.1	\$88,020,159	\$53,938	\$103,920
	4	Mood disorders	650	509.6	479.7	\$21,678,758	\$21,490	\$33,352
	5	Alcohol-related disorders	576	451.6	523.6	\$21,476,348	\$19,863	\$37,285
	6	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	552	432.8	538.7	\$16,586,494	\$18,426	\$30,048
	7	Skin and subcutaneous tissue infections	451	353.6	394.8	\$13,669,858	\$20,554	\$30,310
	8	Schizophrenia and other psychotic disorders	429	336.4	334.7	\$13,366,970	\$16,686	\$31,158
	9	Hypertension complicating pregnancy, childbirth and the puerperium	362	283.8	266.9	\$9,431,035	\$22,128	\$26,053
	10	Chronic obstructive pulmonary disease and bronchiectasis	341	267.4	381.5	\$9,951,647	\$19,568	\$29,184

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Hospitalization - Top Ten by Race (2016)

Race	Rank	Clinical Classification Categories ¹	Morbidity			Billed Charges ⁴		
			Discharges	Crude Rate ²	Age Adjusted Rate ³	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
Asian/PI/Black	1	Liveborn (newborn infant)	1,023	1,050.8	937.0	\$41,517,699	\$3,563	\$40,584
	2	Other complications of birth, puerperium affecting management of mother	270	277.3	246.1	\$5,344,078	\$16,576	\$19,793
	3	Septicemia (except in labor)	247	253.7	345.1	\$26,040,812	\$55,520	\$105,428
	4	Other complications of pregnancy	159	163.3	152.7	\$4,254,148	\$18,147	\$26,756
	5	Mood disorders	157	161.3	150.2	\$8,188,026	\$40,278	\$52,153
	6	Acute cerebrovascular disease	133	136.6	180.6	\$11,760,005	\$54,777	\$88,421
	7	Previous C-section	129	132.5	121.8	\$3,442,987	\$25,157	\$26,690
	8	OB-related trauma to perineum and vulva	128	131.5	115.8	\$2,115,423	\$14,961	\$16,527
	9	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	110	113.0	144.9	\$4,845,444	\$29,880	\$44,049
	10	Congestive heart failure, nonhypertensive	109	112.0	144.7	\$7,328,457	\$39,048	\$67,234

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Hospitalization - Top Three by Age Group (2016)

Age Group	Rank	Clinical Classification Categories ¹	Morbidity		Billed Charges ⁴		
			Discharges	Age Specific Rate ²	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
00-14	1	Liveborn (newborn infant)	9,051	5,694.6	\$248,523,236	\$4,308	\$27,458
	2	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	350	220.2	\$8,096,164	\$12,897	\$23,132
	3	Acute bronchitis	344	216.4	\$8,758,537	\$13,677	\$25,461
15-24	1	Other complications of birth, puerperium affecting management of mother	753	761.8	\$14,012,296	\$15,084	\$18,609
	2	Mood disorders	748	756.7	\$31,854,512	\$28,770	\$42,586
	3	OB-related trauma to perineum and vulva	380	384.4	\$5,000,124	\$11,769	\$13,158
25-34	1	Other complications of birth, puerperium affecting management of mother	1,369	1,185.2	\$24,504,084	\$14,845	\$17,899
	2	OB-related trauma to perineum and vulva	539	466.6	\$7,467,490	\$12,529	\$13,854
	3	Previous C-section	521	451.0	\$12,304,298	\$21,876	\$23,617
35-44	1	Mood disorders	306	331.3	\$8,979,208	\$19,834	\$29,344
	2	Alcohol-related disorders	263	284.7	\$11,156,174	\$20,139	\$42,419
	3	Other complications of birth, puerperium affecting management of mother	251	271.7	\$4,832,335	\$15,108	\$19,252
45-54	1	Septicemia (except in labor)	435	457.3	\$53,220,157	\$62,964	\$122,345
	2	Spondylosis, intervertebral disc disorders, other back problems	294	309.0	\$29,802,070	\$87,785	\$101,368
	3	Alcohol-related disorders	258	271.2	\$11,624,817	\$23,805	\$45,057
55-64	1	Osteoarthritis	617	617.3	\$52,094,040	\$81,939	\$84,431
	2	Septicemia (except in labor)	518	518.3	\$60,617,480	\$65,021	\$117,022
	3	Spondylosis, intervertebral disc disorders, other back problems	382	382.2	\$40,226,333	\$91,925	\$105,305
65+	1	Septicemia (except in labor)	1,109	1,404.6	\$93,987,136	\$52,360	\$84,749
	2	Osteoarthritis	1,045	1,323.5	\$85,608,352	\$81,388	\$81,922
	3	Chronic obstructive pulmonary disease and bronchiectasis	614	777.6	\$22,999,984	\$26,934	\$37,459

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Hospitalization - Top Three by Public Health Region (2016)

Regional Area	Rank	Clinical Classification Categories ¹	Morbidity			Billed Charges ⁴		
			Discharges	Crude Rate ²	Age Adjusted Rate ³	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
Anchorage Munic.	1	Liveborn (newborn infant)	3,694	1,235.7	1,204.2	\$141,176,071	\$3,919	\$38,218
	2	Septicemia (except in labor)	1,472	492.4	557.4	\$150,042,660	\$56,783	\$101,931
	3	Other complications of birth, puerperium affecting management of mother	904	302.4	274.8	\$18,784,647	\$17,285	\$20,779
Gulf Coast Region	1	Liveborn (newborn infant)	989	1,219.4	1,294.5	\$12,706,224	\$3,489	\$12,848
	2	Osteoarthritis	372	458.6	370.9	\$28,706,071	\$73,377	\$77,167
	3	Septicemia (except in labor)	309	381.0	373.6	\$28,490,484	\$46,824	\$92,202
Interior Region	1	Liveborn (newborn infant)	1,178	1,040.6	991.0	\$28,721,035	\$3,657	\$24,381
	2	Mood disorders	412	364.0	361.7	\$16,549,748	\$29,534	\$40,169
	3	Other complications of birth, puerperium affecting management of mother	299	264.1	242.0	\$3,431,853	\$8,480	\$11,478
Mat-Su Borough	1	Liveborn (newborn infant)	1,157	1,128.2	1,022.5	\$26,610,163	\$5,084	\$22,999
	2	Osteoarthritis	381	371.5	342.2	\$35,500,389	\$89,739	\$93,177
	3	Septicemia (except in labor)	359	350.1	390.7	\$38,716,319	\$65,672	\$107,845
Northern Region	1	Liveborn (newborn infant)	491	1,765.7	1,379.9	\$9,147,447	\$7,692	\$18,630
	2	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	259	931.4	1,444.6	\$3,596,048	\$425	\$13,884
	3	Chronic obstructive pulmonary disease and bronchiectasis	236	848.7	1,604.4	\$3,739,075	\$10,478	\$15,844
Southeast Region	1	Liveborn (newborn infant)	685	927.8	1,083.0	\$12,834,417	\$4,588	\$18,736
	2	Alcohol-related disorders	257	348.1	342.3	\$5,821,110	\$13,553	\$22,650
	3	Mood disorders	224	303.4	326.6	\$5,135,397	\$14,053	\$22,926
Southwest Region	1	Liveborn (newborn infant)	857	2,027.3	1,644.9	\$17,327,881	\$4,541	\$20,219
	2	Other complications of birth, puerperium affecting management of mother	295	697.8	649.3	\$3,826,662	\$9,576	\$12,972
	3	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	246	581.9	740.4	\$5,112,097	\$12,293	\$20,781

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Sum Billed Charges - Top Fifteen (2016)

Rank	Clinical Classification Categories ¹	Morbidity			Billed Charges ⁴		
		Discharges	Crude Rate ²	Age Adjusted Rate ³	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
1	Septicemia (except in labor)	2,710	366.4	407.4	\$270,999,489	\$54,663	\$100,000
2	Liveborn (newborn infant)	9,051	1,223.6	1,181.4	\$248,523,236	\$4,308	\$27,458
3	Osteoarthritis	2,003	270.8	267.1	\$167,672,306	\$82,328	\$83,711
4	Spondylosis, intervertebral disc disorders, other back problems	1,316	177.9	175.4	\$134,667,256	\$87,851	\$102,331
5	Acute myocardial infarction	959	129.6	135.9	\$122,869,594	\$95,054	\$128,123
6	Mood disorders	2,226	300.9	305.3	\$88,847,043	\$25,273	\$39,913
7	Complication of device, implant or graft	832	112.5	116.0	\$85,646,985	\$75,800	\$102,941
8	Respiratory failure, insufficiency, arrest (adult)	836	113.0	120.7	\$79,777,814	\$56,901	\$95,428
9	Acute cerebrovascular disease	930	125.7	145.1	\$69,324,368	\$45,097	\$74,542
10	Coronary atherosclerosis and other heart disease	425	57.5	59.3	\$63,238,525	\$96,677	\$148,797
11	Complications of surgical procedures or medical care	819	110.7	112.6	\$63,145,285	\$47,047	\$77,100
12	Congestive heart failure, nonhypertensive	925	125.0	153.9	\$51,698,144	\$32,905	\$55,890
13	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	1,449	195.9	223.5	\$50,639,121	\$21,679	\$34,948
14	Cardiac dysrhythmias	720	97.3	110.5	\$50,265,050	\$38,283	\$69,813
15	Alcohol-related disorders	1,155	156.1	152.7	\$49,591,815	\$22,172	\$42,937

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Median Billed Charges - Top Fifteen (2016)

Rank	Clinical Classification Categories ¹	Morbidity			Billed Charges ⁴		
		Discharges	Crude Rate ²	Age Adjusted Rate ³	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
1	Intrauterine hypoxia and birth asphyxia	6	0.8*	0.8*	\$1,375,028	\$258,860	\$229,171
2	Heart valve disorders	176	23.8	29.9	\$39,294,699	\$181,237	\$223,265
3	Other acquired deformities	254	34.3	33.3	\$43,859,951	\$164,716	\$172,677
4	Cardiac arrest and ventricular fibrillation	48	6.5	7.0	\$8,702,816	\$155,485	\$181,309
5	Other and ill-defined cerebrovascular disease	22	3.0	2.9	\$3,262,032	\$153,050	\$148,274
6	Short gestation, low birth weight, and fetal growth retardation	25	3.4	3.3	\$5,534,926	\$136,860	\$221,397
7	Cardiac and circulatory congenital anomalies	27	3.7	3.5	\$4,147,564	\$134,795	\$153,613
8	Aortic, peripheral, and visceral artery aneurysms	124	16.8	17.3	\$23,879,330	\$131,584	\$192,575
9	HIV infection	12	1.6*	1.7*	\$1,491,697	\$113,631	\$124,308
10	Spinal cord injury	35	4.7	4.6	\$5,674,353	\$113,409	\$162,124
11	Other CNS infection and poliomyelitis	29	3.9	4.4	\$3,534,778	\$106,109	\$121,889
12	Respiratory distress syndrome	19	2.6*	2.5*	\$3,788,210	\$102,627	\$199,379
13	Coronary atherosclerosis and other heart disease	425	57.5	59.3	\$63,238,525	\$96,677	\$148,797
14	Acute myocardial infarction	959	129.6	135.9	\$122,869,594	\$95,054	\$128,123
15	Cancer of rectum and anus	69	9.3	9.8	\$8,345,193	\$93,780	\$120,945

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

E-mail: HealthAnalytics@alaska.gov



Alaska Facts & Figures

Leading Causes of Mean Billed Charges - Top Fifteen (2016)

Rank	Clinical Classification Categories ¹	Morbidity			Billed Charges ⁴		
		Discharges	Crude Rate ²	Age Adjusted Rate ³	Sum Billed Charges	Median Billed Charges	Mean Billed Charges
1	Intrauterine hypoxia and birth asphyxia	6	0.8*	0.8*	\$1,375,028	\$258,860	\$229,171
2	Heart valve disorders	176	23.8	29.9	\$39,294,699	\$181,237	\$223,265
3	Short gestation, low birth weight, and fetal growth retardation	25	3.4	3.3	\$5,534,926	\$136,860	\$221,397
4	Respiratory distress syndrome	19	2.6*	2.5*	\$3,788,210	\$102,627	\$199,379
5	Aortic, peripheral, and visceral artery aneurysms	124	16.8	17.3	\$23,879,330	\$131,584	\$192,575
6	Cardiac arrest and ventricular fibrillation	48	6.5	7.0	\$8,702,816	\$155,485	\$181,309
7	Other acquired deformities	254	34.3	33.3	\$43,859,951	\$164,716	\$172,677
8	Spinal cord injury	35	4.7	4.6	\$5,674,353	\$113,409	\$162,124
9	Cardiac and circulatory congenital anomalies	27	3.7	3.5	\$4,147,564	\$134,795	\$153,613
10	Aortic and peripheral arterial embolism or thrombosis	39	5.3	5.6	\$5,848,478	\$89,080	\$149,961
11	Coronary atherosclerosis and other heart disease	425	57.5	59.3	\$63,238,525	\$96,677	\$148,797
12	Other and ill-defined cerebrovascular disease	22	3.0	2.9	\$3,262,032	\$153,050	\$148,274
13	Acute myocardial infarction	959	129.6	135.9	\$122,869,594	\$95,054	\$128,123
14	Cancer of head and neck	21	2.8	2.9	\$2,640,361	\$58,387	\$125,731
15	HIV infection	12	1.6*	1.7*	\$1,491,697	\$113,631	\$124,308

Data Accessed: 12/07/2018

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient Database v10

Footnotes:

1. Aggregation of ICD-10-CM diagnoses with Clinical Classification Software (CCS) into clinically meaningful categories, developed as part of the Healthcare Cost and Utilization Project (HCUP).

2. Occurrences per 100,000 population.

3. Occurrences per 100,000 population, times year 2000 standard population ratio.

4. Billed charges reflect charges billed by facilities. These do not include physician fees, and may differ from amount ultimately settled on with insurance companies or other payers.

* Rates based on fewer than 20 occurrences are statistically unreliable and should be used with caution.

** Rates based on fewer than 6 occurrences are not reported.