



# Health Analytics and Vital Records

Division of Public Health  
Department of Health and Social Services  
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## Alaska Facts and Figures

### Leading Causes of Hospitalization, 2015 Number and rate of hospitalizations by Major Diagnostic Category

Rank	Cause of Hospitalization	Number of Hospitalizations	Age-Adjusted Rate <sup>1</sup> (per 10,000)	Crude Rate (per 10,000)
1	Pregnancy, Childbirth, and the Puerperium	9,750	132.1	136.3
2	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	9,104	122.8	127.2
3	Diseases and Disorders of the Musculoskeletal System and Connective Tissue	6,245	92.1	87.3
4	Diseases and Disorders of the Circulatory System	4,597	75.0	64.2
5	Diseases and Disorders of the Respiratory System	4,536	70.8	63.4
6	Diseases and Disorders of the Digestive System	4,478	67.1	62.6
7	Mental Diseases and Disorders	4,268	61.3	59.7
8	Diseases and Disorders of the Nervous System	2,959	46.7	41.4
9	Infectious and Parasitic Diseases, Systemic or Unspecified Sites	2,726	42.8	38.1
10	Diseases and Disorders of the Kidney and Urinary Tract	1,630	26.0	22.8

1. Age-adjusted rates per 10,000 U.S. 2000 standard population.

Source: Health Analytics and Vital Records. Health Facilities Data Reporting Program, Alaska Inpatient Database

Updated 01/31/17

Includes discharges for all patients and hospitals, except PeaceHealth Ketchikan Medical Center, Maniilaq Association, and both military hospitals. Rates calculated using adjusted populations.

"Major Diagnostic Categories" represent groupings of principal diagnosis codes generally related to a single organ system and/or medical specialty for administrative and claims purposes.



# Alaska Facts and Figures

## Leading Causes of Hospitalization, 2015

### Number and rate of hospitalizations by Major Diagnostic Category and gender

Gender	Rank	Cause of Hospitalization	Number of Hospitalizations	Age-Adjusted Rate <sup>1</sup> (per 10,000)	Crude Rate (per 10,000)
<b>Female</b>	1	Pregnancy, Childbirth, and the Puerperium	9,750	278.2	282.7
	2	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	4,362	119.9	126.5
	3	Diseases and Disorders of the Diseases and Disorders of the Musculoskeletal System and Connective Tissue	3,235	97.8	93.8
	4	Mental Diseases and Disorders	2,289	68.4	66.4
	5	Diseases and Disorders of the Digestive System	2,232	68.1	64.7
	6	Diseases and Disorders of the Respiratory System	2,173	67.0	63.0
	7	Diseases and Disorders of the Circulatory System	1,829	61.7	53.0
	8	Infectious and Parasitic Diseases, Systemic or Unspecified Sites	1,383	43.0	40.1
	9	Diseases and Disorders of the Nervous System	1,325	42.0	38.4
	10	Diseases and Disorders of the Kidney and Urinary Tract	893	28.3	25.9
<b>Male</b>	1	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	4,728	124.8	127.6
	2	Diseases and Disorders of the Diseases and Disorders of the Musculoskeletal System and Connective Tissue	3,010	85.7	81.2
	3	Diseases and Disorders of the Circulatory System	2,768	89.0	74.7
	4	Diseases and Disorders of the Respiratory System	2,363	76.5	63.8
	5	Diseases and Disorders of the Digestive System	2,246	65.9	60.6
	6	Mental Diseases and Disorders	1,979	54.9	53.4
	7	Diseases and Disorders of the Nervous System	1,634	51.7	44.1
	8	Infectious and Parasitic Diseases, Systemic or Unspecified Sites	1,343	43.5	36.2
	9	Alcohol/Drug Use and Alcohol/Drug Induced Organic Mental Disorders	746	19.9	20.1
	10	Diseases and Disorders of the Kidney and Urinary Tract	737	23.6	19.9

1. Age-adjusted rates per 10,000 U.S. 2000 standard population.

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## Alaska Facts and Figures

### Leading Causes of Hospitalization, 2015

#### Number and rate of hospitalizations by Major Diagnostic Category and race

Race	Rank	Cause of Hospitalization	Number of Hospitalizations	Age-Adjusted Rate <sup>1</sup> (per 10,000)	Crude Rate (per 10,000)
<b>American Indian / Alaska Native</b>	1	Pregnancy, Childbirth, and the Puerperium	2,789	223.2	241.2
	2	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	2,698	164.2	233.3
	3	Mental Diseases and Disorders	1,474	123.5	127.5
	4	Diseases and Disorders of the Respiratory System	1,428	145.0	123.5
	5	Diseases and Disorders of the Digestive System	1,149	119.6	99.4
	6	Diseases and Disorders of the Musculoskeletal System and Connective Tissue	1,044	113.3	90.3
	7	Diseases and Disorders of the Circulatory System	783	100.2	67.7
	8	Infectious and Parasitic Diseases, Systemic or Unspecified Sites	734	82.6	63.5
	9	Diseases and Disorders of the Nervous System	639	69.9	55.3
	10	Alcohol/Drug Use and Alcohol/Drug Induced Organic Mental Disorders	567	54.4	49.0
<b>White</b>	1	Pregnancy, Childbirth, and the Puerperium	4,259	83.2	84.3
	2	Diseases and Disorders of the Musculoskeletal System and Connective Tissue	4,251	81.8	84.2
	3	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	3,736	80.0	74.0
	4	Diseases and Disorders of the Circulatory System	2,818	60.1	55.8
	5	Diseases and Disorders of the Digestive System	2,235	44.9	44.3
	6	Mental Diseases and Disorders	2,196	45.4	43.5
	7	Diseases and Disorders of the Respiratory System	1,966	41.1	38.9
	8	Diseases and Disorders of the Nervous System	1,628	34.7	32.2
	9	Infectious and Parasitic Diseases, Systemic or Unspecified Sites	1,324	27.8	26.2
	10	Factors Influencing Health Status and Other Contacts With Health Services	922	22.2	18.3
<b>All Others</b>	1	Pregnancy, Childbirth, and the Puerperium	2,702	251.3	283.4
	2	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	2,670	239.3	280.0
	3	Diseases and Disorders of the Respiratory System	1,142	172.3	119.8
	4	Diseases and Disorders of the Digestive System	1,094	149.3	114.7
	5	Diseases and Disorders of the Circulatory System	996	157.2	104.5
	6	Diseases and Disorders of the Musculoskeletal System and Connective Tissue	950	130.8	99.6
	7	Diseases and Disorders of the Nervous System	692	98.7	72.6
	8	Infectious and Parasitic Diseases, Systemic or Unspecified Sites	668	97.8	70.1
	9	Mental Diseases and Disorders	598	62.1	62.7
	10	Diseases and Disorders of the Kidney and Urinary Tract	424	66.5	44.5

1. Age-adjusted rates per 10,000 U.S. 2000 standard population.

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# Alaska Facts and Figures

## Leading Causes of Hospitalization, 2015

### Number and rate of hospitalizations by Major Diagnostic Category and region

Region	Rank	Cause of Hospitalization	Number of Hospitalizations	Age-Adjusted Rate <sup>1</sup> (per 10,000)	Crude Rate (per 10,000)
<b>Anchorage</b>	1	Pregnancy, Childbirth, and the Puerperium	3,926	120.4	131.3
	2	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	3,727	120.9	124.7
	3	Diseases and Disorders of the Diseases and Disorders of the Musculoskeletal System and Connective Tissue	2,469	93.3	82.6
<b>Gulf Coast</b>	1	Pregnancy, Childbirth, and the Puerperium	1,201	164.7	148.1
	2	Diseases and Disorders of the Diseases and Disorders of the Musculoskeletal System and Connective Tissue	1,150	136.2	141.8
	3	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	1,035	137.0	127.6
<b>Interior</b>	1	Pregnancy, Childbirth, and the Puerperium	1,233	100.8	109.3
	2	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	1,173	98.0	104.0
	3	Diseases and Disorders of the Diseases and Disorders of the Musculoskeletal System and Connective Tissue	703	66.8	62.3
<b>Matanuska-Susitna</b>	1	Pregnancy, Childbirth, and the Puerperium	1,358	144.0	135.6
	2	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	1,303	120.5	130.1
	3	Diseases and Disorders of the Diseases and Disorders of the Musculoskeletal System and Connective Tissue	1,042	110.1	104.0
<b>Northern</b>	1	Pregnancy, Childbirth, and the Puerperium	554	259.5	277.9
	2	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	506	201.5	253.8
	3	Diseases and Disorders of the Respiratory System	275	203.2	137.9
<b>Southeast</b>	1	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	481	91.0	79.4
	2	Pregnancy, Childbirth, and the Puerperium	480	85.1	79.2
	3	Diseases and Disorders of the Diseases and Disorders of the Musculoskeletal System and Connective Tissue	328	56.3	54.1
<b>Southwest</b>	1	Pregnancy, Childbirth, and the Puerperium	915	200.8	215.7
	2	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	850	159.3	200.4
	3	Diseases and Disorders of the Respiratory System	532	153.1	125.4

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Age Group	Rank	Cause of Hospitalization	Number of Hospitalizations	Rate (per 10,000)
0-14	1	Newborns and Other Neonates with Conditions Originating in the Perinatal Period	9,103	127.2
	2	Diseases and Disorders of the Respiratory System	890	12.4
	3	Mental Diseases and Disorders	641	9.0
15-24	1	Pregnancy, Childbirth, and the Puerperium	2,981	41.7
	2	Mental Diseases and Disorders	1,338	18.7
	3	Diseases and Disorders of the Digestive System	208	2.9
25-34	1	Pregnancy, Childbirth, and the Puerperium	5,454	76.2
	2	Mental Diseases and Disorders	783	10.9
	3	Diseases and Disorders of the Musculoskeletal	309	4.3
35-44	1	Pregnancy, Childbirth, and the Puerperium	1,303	18.2
	2	Mental Diseases and Disorders	530	7.4
	3	Diseases and Disorders of the Musculoskeletal System and Connective Tissue	460	6.4
45-54	1	Diseases and Disorders of the Musculoskeletal System and Connective Tissue	1,004	14.0
	2	Diseases and Disorders of the Digestive System	778	10.9
	3	Diseases and Disorders of the Circulatory System	575	8.0
55-64	1	Diseases and Disorders of the Musculoskeletal System and Connective Tissue	1,629	22.8
	2	Diseases and Disorders of the Digestive System	1,059	14.8
	3	Diseases and Disorders of the Circulatory System	927	13.0
65+	1	Diseases and Disorders of the Digestive System	2,535	35.4
	2	Diseases and Disorders of the Musculoskeletal System and Connective Tissue	2,496	34.9
	3	Diseases and Disorders of the Respiratory System	1,910	26.7

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