



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

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Alaska Facts and Figures

2018 Alaska Resident Drug Overdose Outpatient Visits and Inpatient Hospitalizations

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 outpatient and inpatient discharge data from the Alaska Health Facilities Data Reporting (HFDR) program for hospital discharges during 2018.

Additional Information

- The statistics provided in the tables reflect data based on hospital 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 separately for outpatient and inpatient drug overdose discharges.
 - The ICD-10-CM diagnoses codes for poisoning by medicines or drugs (codes T36-T50) are grouped into 3 categories in the tables: “All Drugs,” “Heroin” alone, and “Opioids (excluding Heroin)”.
 - The “Heroin” discharges and the “Opioids (excl. Heroin)” discharges are also counted in the “All Drugs” discharges.
 - The discharge counts include drug overdoses coded in the principal or secondary diagnosis fields.
 - These discharge counts include initial and subsequent encounters for accidental, intentional, assault, and undetermined drug poisonings.
 - Rates are listed as occurrences per 100,000 population, and the population estimates used are for people residing in Alaska on July 1st of the discharge year.
- The discharge counts are not mutually exclusive. For instance, if the principal diagnosis or any of the secondary diagnoses for a single discharge include both a heroin diagnosis and a non-heroin opioid diagnosis, the discharge would be counted in both categories. Also, an individual patient might be counted more than once within a category if they have multiple drug overdose discharges in the calendar year.
- 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.
- The drug overdose counts do not include discharges for the toxic effects of alcohol.
- The data are stratified by *Sex*, *Race*, *Age Group*, and *Regional Area* ([Public Health Region](#)).
- 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.



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Drug Overdose Outpatient Visits and Inpatient Hospitalizations (2018)

Drug Overdose ¹	Outpatient			Inpatient		
	Discharges	Crude Rate ²	Age Adjusted Rate ³	Discharges	Crude Rate ²	Age Adjusted Rate ³
All Drugs	1,841	250.1	253.3	861	116.9	118.7
Heroin	160	21.7	21.7	33	4.5	4.6
Opioids (excl. Heroin)	147	20.0	20.5	121	16.4	15.7

Data Accessed: 01/31/2020

Source: Alaska Division of Public Health, Health Analytics and Vital Records, Health Facilities Data Reporting Inpatient and Outpatient Database v4

Footnotes:

1. 2018 data does not include records from the following facilities: Wrangell Medical Center. Also, the following facilities have some records missing: Maniilaq Health Center and Yukon Kuskokwim Delta Regional Hospital.

1. Overdoses by Alaskans having the following principal or secondary diagnosis ICD-10-CM codes:

All Drugs: T360____ - T509____ where the 6th code position is a 1-4 (poisonings) and the 7th code position is A or D (initial or subsequent encounter), unless the 6th position is an X, then the 5th code position is a 1-4 (poisonings) and the 7th code position is A or D (initial or subsequent encounter).

Heroin: T401X plus code positions 6 and 7 of 1A-4A or 1D-4D.

Opioids (excl. Heroin): T400X, T402X-T404X, or T4060, plus code positions 6 and 7 of 1A-4A or 1D-4D.

2. Occurrences per 100,000 population.

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Alaska Facts & Figures

Drug Overdose Outpatient Visits and Inpatient Hospitalizations by Sex (2018)

Sex	Drug Overdose ¹	Outpatient			Inpatient		
		Discharges	Crude Rate ²	Age Adjusted Rate ³	Discharges	Crude Rate ²	Age Adjusted Rate ³
Female	All Drugs	1,121	313.6	320.3	537	150.2	153.5
	Heroin	62	17.3	17.1	12	3.4*	3.3*
	Opioids (excl. Heroin)	80	22.4	23.4	66	18.5	17.5
Male	All Drugs	719	189.8	191.3	324	85.5	87.0
	Heroin	97	25.6	25.9	21	5.5	5.8
	Opioids (excl. Heroin)	67	17.7	17.6	55	14.5	14.0

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Drug Overdose Outpatient Visits and Inpatient Hospitalizations by Race (2018)

Race	Drug Overdose ¹	Outpatient			Inpatient		
		Discharges	Crude Rate ²	Age Adjusted Rate ³	Discharges	Crude Rate ²	Age Adjusted Rate ³
White	All Drugs	748	147.4	149.7	389	76.7	76.8
	Heroin	98	19.3	20.0	19	3.7*	4.0*
	Opioids (excl. Heroin)	83	16.4	16.4	75	14.8	13.3
AI/AN	All Drugs	756	591.0	596.3	364	284.5	298.6
	Heroin	34	26.6	28.2	11	8.6*	9.0*
	Opioids (excl. Heroin)	41	32.0	37.7	32	25.0	29.0
Asian/PI/Black	All Drugs	127	125.7	118.7	56	55.4	52.9
	Heroin	12	11.9*	10.6*	<6	**	**
	Opioids (excl. Heroin)	9	8.9*	9.7*	8	7.9*	9.5*

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Age Group	Drug Overdose ¹	Outpatient		Inpatient	
		Discharges	Age Specific Rate ²	Discharges	Age Specific Rate ²
00-14	All Drugs	252	160.1	62	39.4
	Heroin	0	**	0	**
	Opioids (excl. Heroin)	11	7.0*	<6	**
15-24	All Drugs	460	484.3	225	236.9
	Heroin	24	25.3	<6	**
	Opioids (excl. Heroin)	13	13.7*	12	12.6*
25-34	All Drugs	387	341.8	153	135.1
	Heroin	73	64.5	13	11.5*
	Opioids (excl. Heroin)	25	22.1	16	14.1*
35-44	All Drugs	246	257.2	125	130.7
	Heroin	36	37.6	8	8.4*
	Opioids (excl. Heroin)	33	34.5	15	15.7*
45-54	All Drugs	194	218.8	122	137.6
	Heroin	16	18.0*	6	6.8*
	Opioids (excl. Heroin)	27	30.4	20	22.6
55-64	All Drugs	177	178.7	98	98.9
	Heroin	6	6.1*	<6	**
	Opioids (excl. Heroin)	23	23.2	28	28.3
65+	All Drugs	123	140.9	76	87.1
	Heroin	<6	**	<6	**
	Opioids (excl. Heroin)	15	17.2*	28	32.1

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Regional Area	Drug Overdose ¹	Outpatient			Inpatient		
		Discharges	Crude Rate ²	Age Adjusted Rate ³	Discharges	Crude Rate ²	Age Adjusted Rate ³
Anchorage Munic.	All Drugs	769	260.4	258.3	352	119.2	118.7
	Heroin	79	26.7	24.5	17	5.8*	5.8*
	Opioids (excl. Heroin)	72	24.4	25.5	53	17.9	18.0
Gulf Coast Region	All Drugs	210	259.1	260.8	79	97.5	99.7
	Heroin	20	24.7	28.6	<6	**	**
	Opioids (excl. Heroin)	10	12.3*	12.5*	13	16.0*	11.7*
Interior Region	All Drugs	115	103.4	107.1	103	92.6	95.6
	Heroin	10	9.0*	9.1*	<6	**	**
	Opioids (excl. Heroin)	<6	**	**	11	9.9*	8.7*
Mat-Su Borough	All Drugs	183	173.1	179.4	89	84.2	85.7
	Heroin	27	25.5	27.6	7	6.6*	7.3*
	Opioids (excl. Heroin)	35	33.1	32.7	24	22.7	21.4
Northern Region	All Drugs	248	895.2	875.2	107	386.2	379.7
	Heroin	7	25.3*	23.4*	0	**	**
	Opioids (excl. Heroin)	8	28.9*	48.0*	<6	**	**
Southeast Region	All Drugs	157	215.4	234.6	75	102.9	108.3
	Heroin	16	22.0*	25.1*	<6	**	**
	Opioids (excl. Heroin)	14	19.2*	20.7*	13	17.8*	18.8*
Southwest Region	All Drugs	159	376.1	371.9	56	132.5	134.7
	Heroin	<6	**	**	<6	**	**
	Opioids (excl. Heroin)	6	14.2*	14.1*	<6	**	**

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