



ALASKA NATIVE
TRIBAL HEALTH
CONSORTIUM

Alaska Native Injury Atlas

Part 1: Injury Deaths

4th Edition | 2025

Injury Prevention Program and Alaska Native Epidemiology Center

Alaska Native Injury Atlas

4th Edition

Part I | Injury Deaths

Alaska Native Tribal Health Consortium

2025

Introduction

This report provides an update of injury deaths among Alaska Native and American Indian people reported in the State of Alaska; hereafter referred to as Alaska Native people or as AN/AI. It describes the leading causes of injury-related death statewide and within each region. Monitoring injury deaths over time can help identify which injury prevention efforts have been effective and which may need to be increased or modified. In addition, this surveillance can identify disparities and trends to help prioritize the most vulnerable populations with injury prevention efforts.

Most data in this report focus on the years 2014 through 2023. Time trends include data going back to 2012. Regional counts and rates are reported for thirteen regions; the twelve Tribal Health Regions commonly reported by the Alaska Native Tribal Health Consortium, with the Anchorage/Matanuska-Susitna area separated into the Anchorage Municipality and Matanuska-Susitna Borough.

We hope that this information can guide advocacy, policy making, strategic and program planning, and program evaluation, and help create an environment where “Alaska Native people are the healthiest people in the world.”

Executive Summary

Intentional injuries in this report are categorized as either suicide or homicide, regardless of mechanism. Except for one section reporting only unintentional injuries (pages 10-11), causes that are identified by mechanism include deaths from both unintentional injuries and injuries of undetermined intent. Data are presented this way to provide a more complete number of the injury fatalities in Alaska.

During 2014-2023:

- 2,852 Alaska Native people died from injuries: 1,866 due to unintentional injuries or injuries of undetermined intent; and 986 due to intentional injuries
- The seven leading causes of injury death among Alaska Native people were: poisoning, suicide, homicide, drowning, motor vehicle, exposure to natural forces, and fall
- The death rates for all seven leading causes of injury death were higher for Alaska Native people than non-Alaska Native people. The largest difference was for drowning, where the death rate for Alaska Native people was 5.7 times that of non-Alaska Native people
- Between 2012-2014 and 2021-2023, both the unintentional and intentional injury death rates increased for Alaska Native people. The leading cause with the largest increase between the periods was poisoning
- The highest unintentional injury death rate among Alaska Native people of any age and sex group was for males aged 70 and older (322.3 per 100,000). The highest intentional injury death rate among Alaska Native people of any age and sex group was for males aged 20-29 years (229.8 per 100,000)

Methodology

In injury epidemiology, injuries are usually categorized in two distinct ways: by mechanism and by intent.

Injury MECHANISM: Injuries are classified by mechanism, or the external cause of injury. The following are examples of injury mechanisms: falls, motor vehicle, poisoning, drowning, etc. (for a full list, see appendices). The specific injury mechanisms reported here are based on the International Classification of Diseases Tenth Edition (ICD-10) category specifications. The leading causes of injury in Alaska during the period are reported in more detail.

Injury INTENT: Injury intents are broadly classified into two major categories: intentional and unintentional. **Intentional injuries** are those involving purposeful or deliberate harm. For fatalities included in this report, intentional injuries are grouped into two subcategories depending on who caused them: someone injured themselves (suicide) or someone injured another person (homicide). **Unintentional injuries** include those that were unplanned or not deliberate. If the intent could not be determined at time of death, such as an unwitnessed drowning or fall, the injury is identified as being of **undetermined intent**.

Because suicide and homicide have significant impacts Alaska Native and American Indian communities, intentional injuries in this report are categorized as either suicide or homicide, regardless of mechanism. In the suicide and homicide sections of this report, additional detail is provided on their various mechanisms, such as poisoning, drowning, and firearms, to help inform prevention efforts.

Except for one section specifically reporting only unintentional injuries, categories identified by mechanism include combined unintentional and undetermined intent deaths. This is intended to provide a more complete number of the injury fatalities in Alaska.

This reports uses death certificate data from Alaska Health Analytics and Vital Records. The population estimates used for rate calculations come from the Alaska Department of Labor and Workforce Development. Injury counts that are less than 6 (noted as "<6") and rates calculated using counts less than 10 (noted as "<10") are not reported due to small number restrictions; a standard data practice. Rates included in this report are age-adjusted, which allows populations with different age distributions to be compared. This report age-adjusts to the 2000 US standard population, and rates are reported as number of deaths per 100,000 people.



Injury Deaths

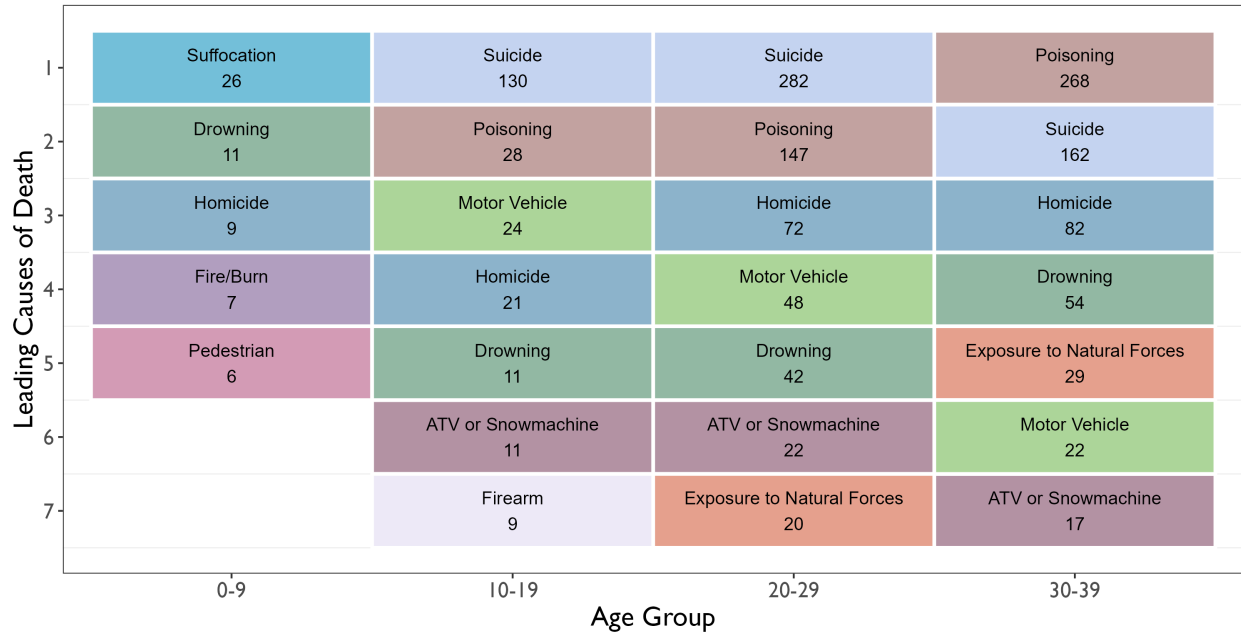
Injury Death Counts by Mechanism, Intentional 2014-2023	
Mechanism	Alaska Native Total
Suicide	718
Homicide	268
Data Source: Alaska Health Analytics and Vital Records	

Injury Death Counts by Mechanism, Unintentional & Undetermined 2014-2023			
Mechanism	Total	Alaska Native Unintentional	Undetermined
Poisoning	815	770	45
Drowning	218	180	38
Motor Vehicle	150	150	
Exposure to Natural Forces	127	127	
Fall	119	119	
Pedestrian	86	86	
ATV or Snowmachine	84	84	
Suffocation	77	70	7
Fire/Burn	59	47	12
Other/Unknown	50	33	17
Firearm	32	12	20
Air Transport	11	11	
Struck By or Against	8	8	
Unspecified	7		7
Watercraft	6	6	
Data Source: Alaska Health Analytics and Vital Records			
Counts <6 are suppressed			

Leading Causes, by Age

Leading Causes of Injury Death by Age

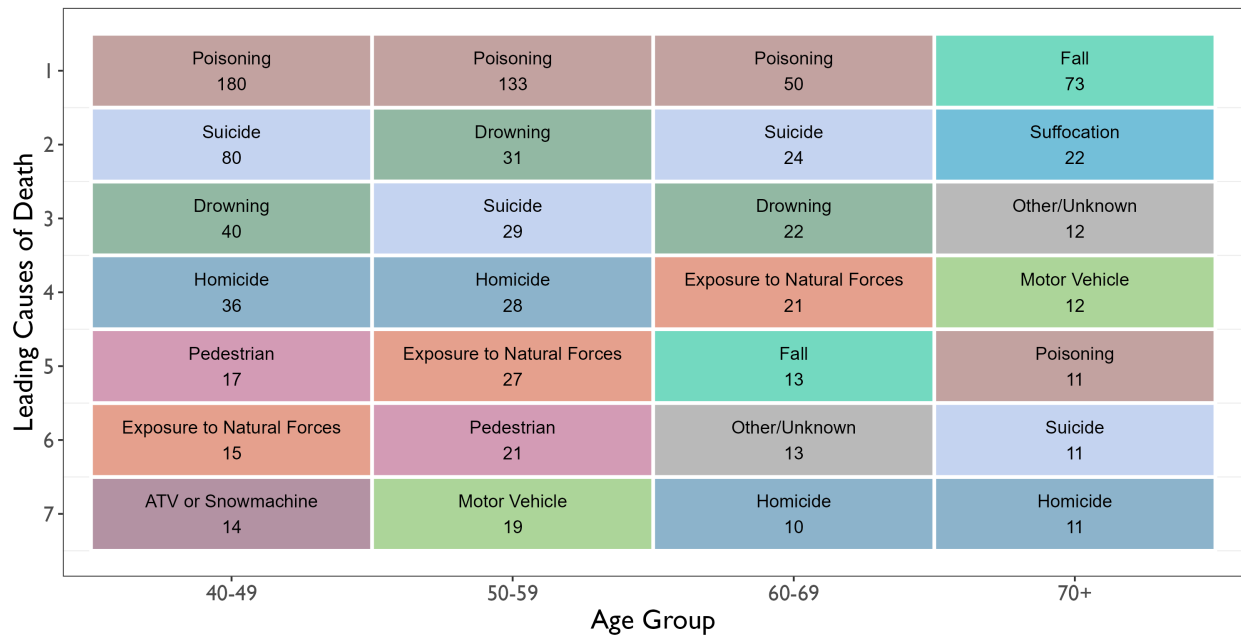
Alaska Native People, 2014-2023



Data Source: Alaska Health Analytics and Vital Records

Leading Causes of Injury Death by Age

Alaska Native People, 2014-2023

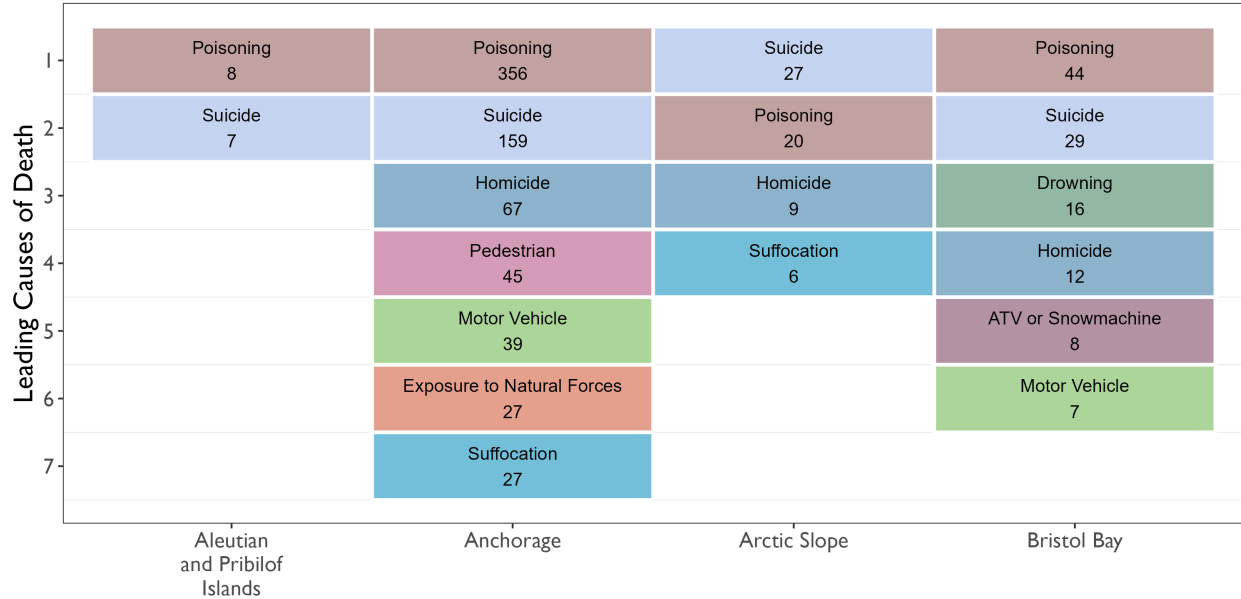


Data Source: Alaska Health Analytics and Vital Records

Leading Causes, by Tribal Health Region

Leading Causes of Injury Death by Tribal Health Region

Alaska Native People, 2014-2023

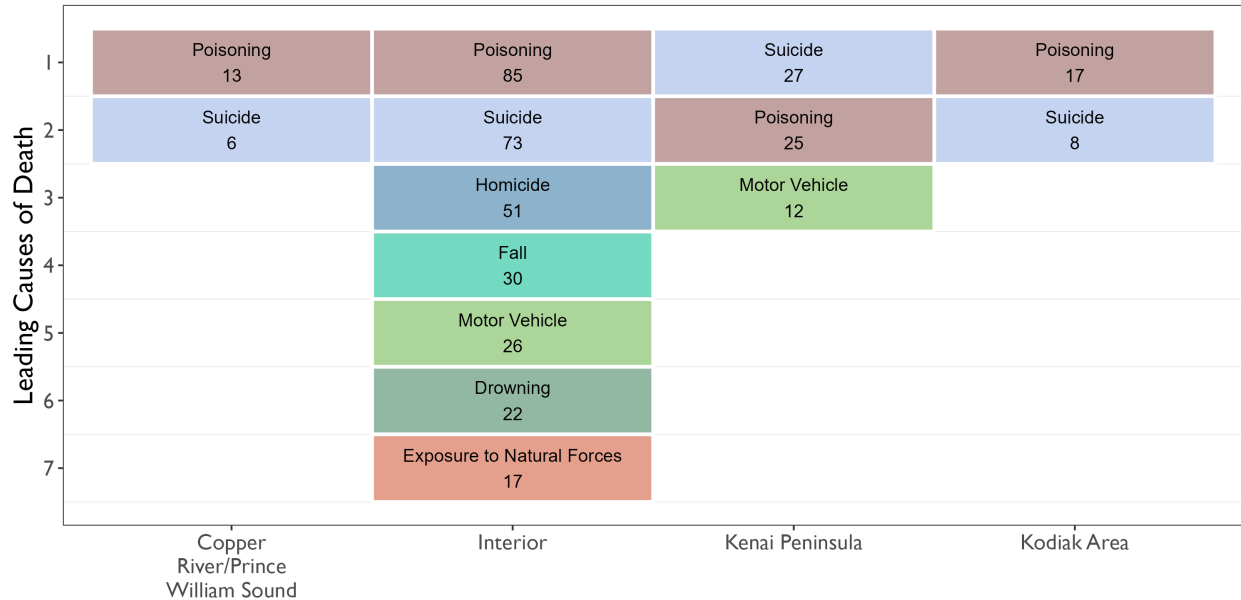


Tribal Health Region

Data Source: Alaska Health Analytics and Vital Records

Leading Causes of Injury Death by Tribal Health Region

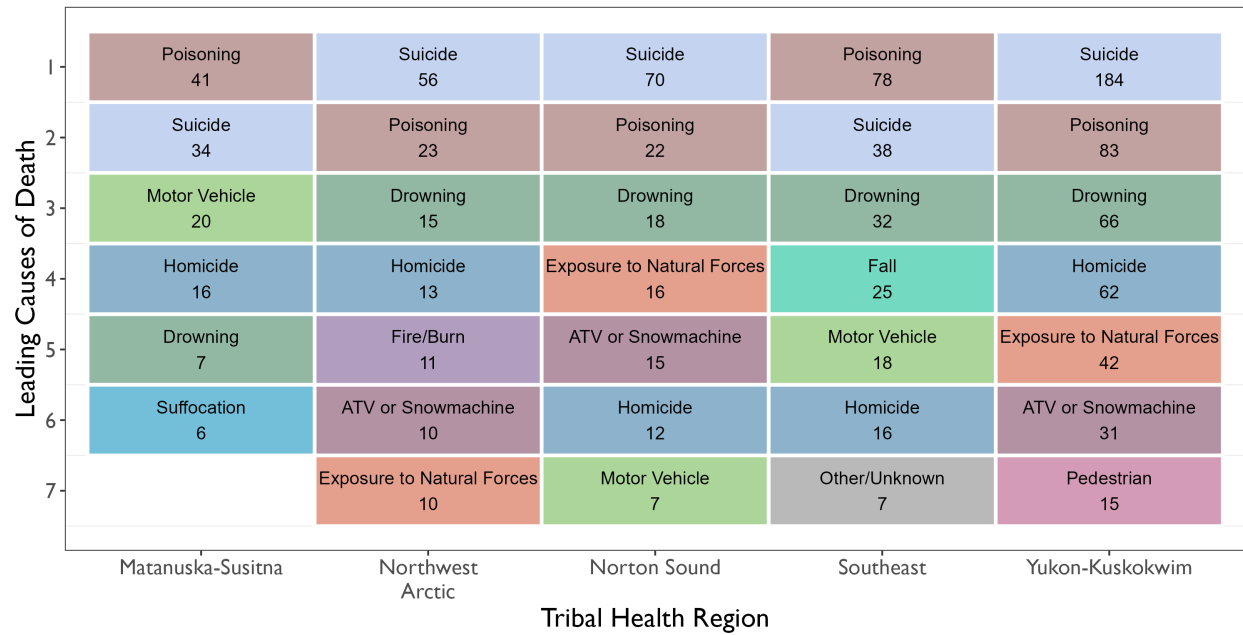
Alaska Native People, 2014-2023



Tribal Health Region

Data Source: Alaska Health Analytics and Vital Records

Leading Causes of Injury Death by Tribal Health Region Alaska Native People, 2014-2023



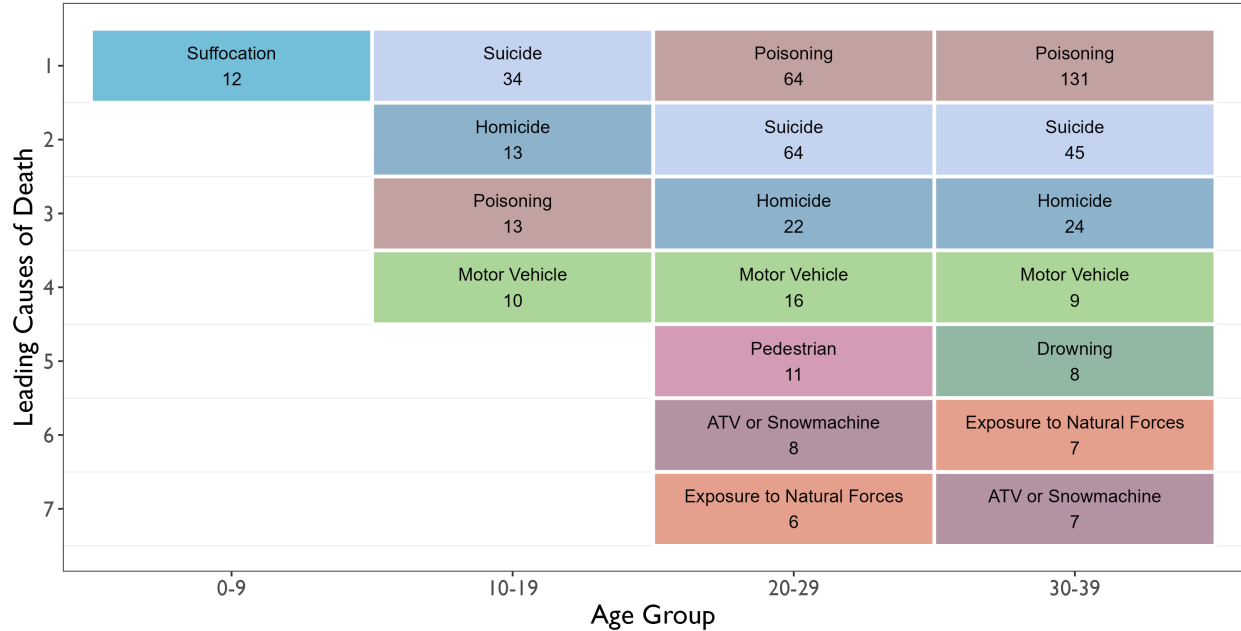
Data Source: Alaska Health Analytics and Vital Records



Leading Causes, by Age, Females

Leading Causes of Injury Death by Age, Female

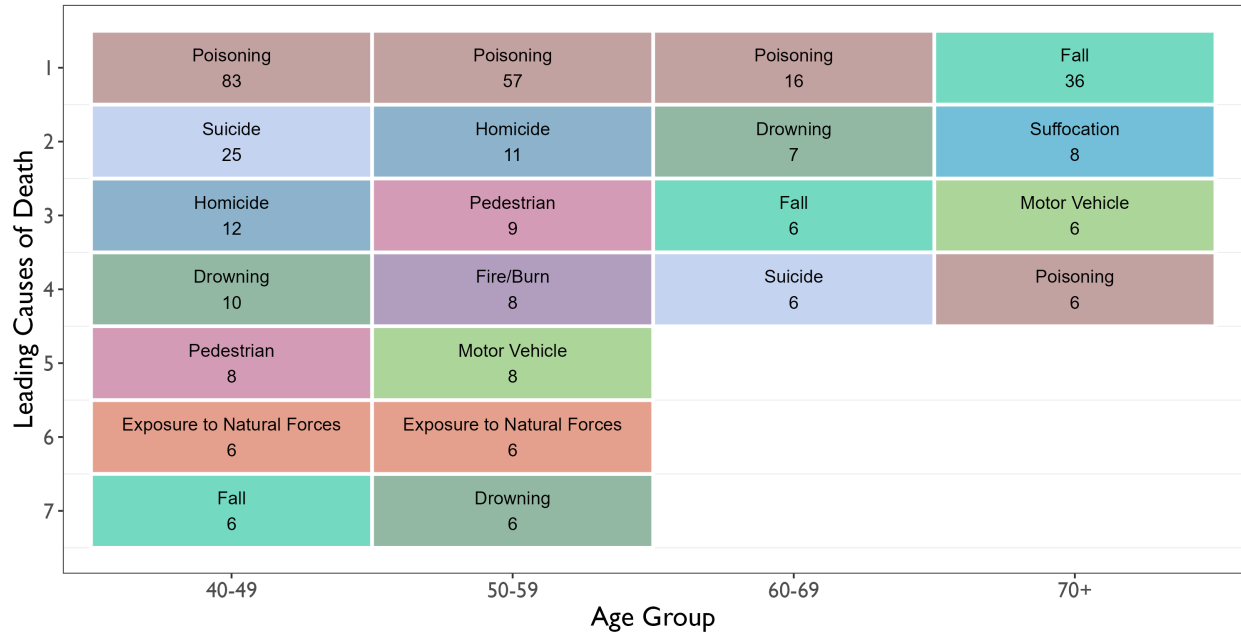
Alaska Native People, 2014-2023



Data Source: Alaska Health Analytics and Vital Records

Leading Causes of Injury Death by Age, Female

Alaska Native People, 2014-2023

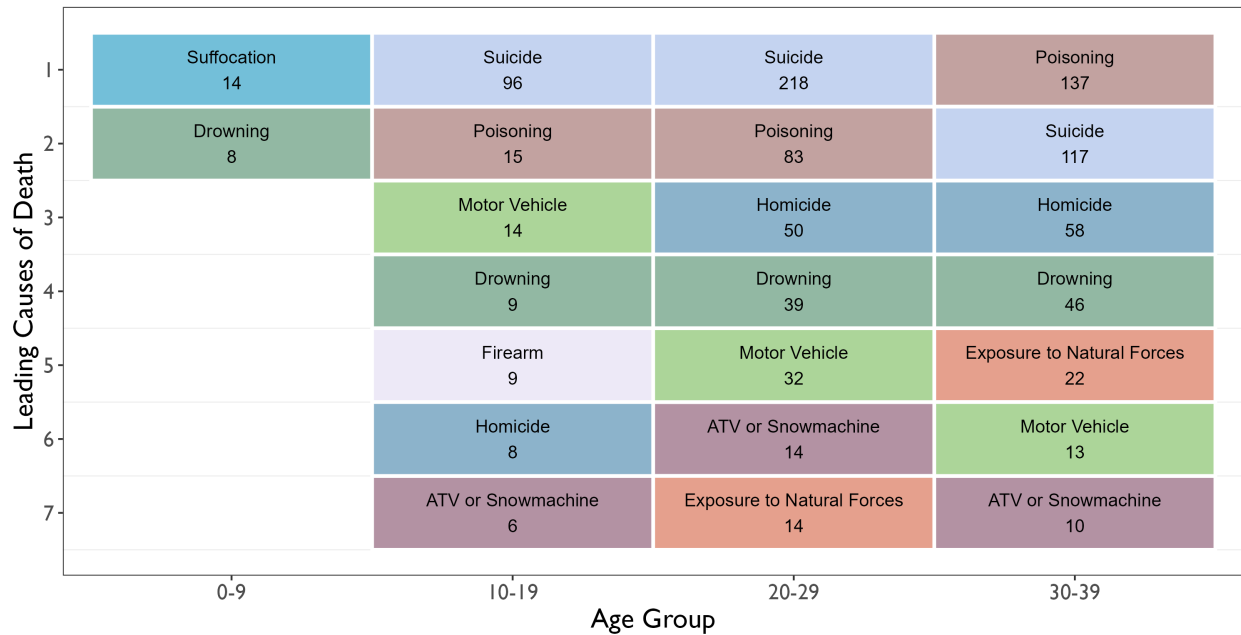


Data Source: Alaska Health Analytics and Vital Records

Leading Causes, by Age, Males

Leading Causes of Injury Death by Age, Male

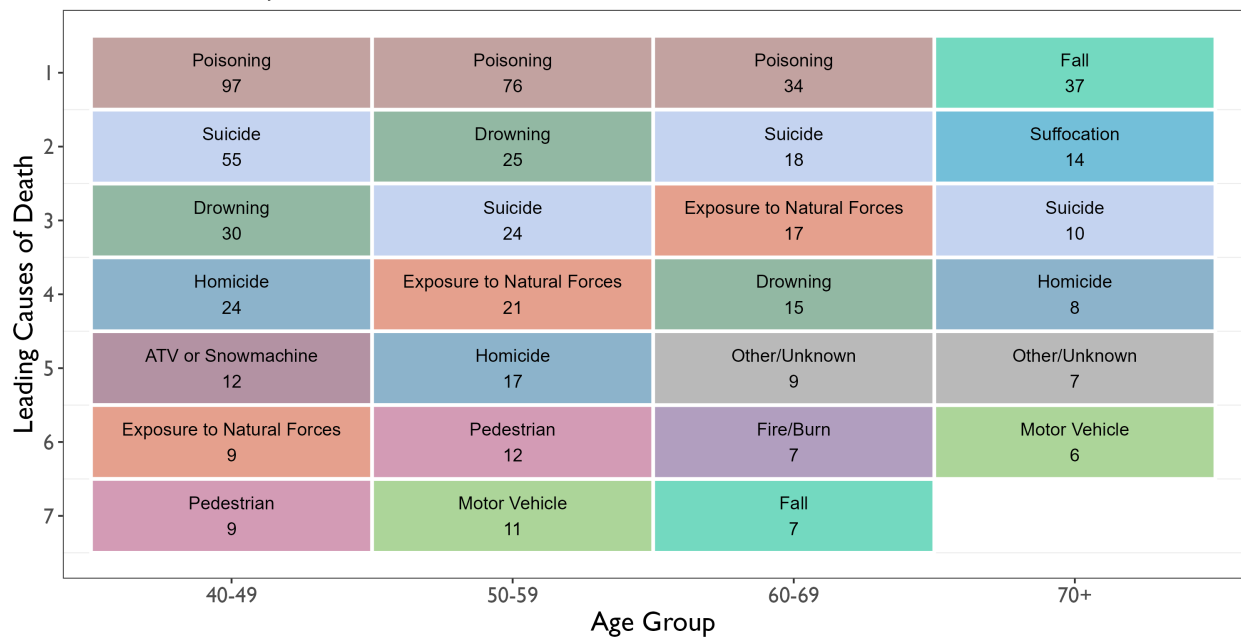
Alaska Native People, 2014-2023



Data Source: Alaska Health Analytics and Vital Records

Leading Causes of Injury Death by Age, Male

Alaska Native People, 2014-2023



Data Source: Alaska Health Analytics and Vital Records

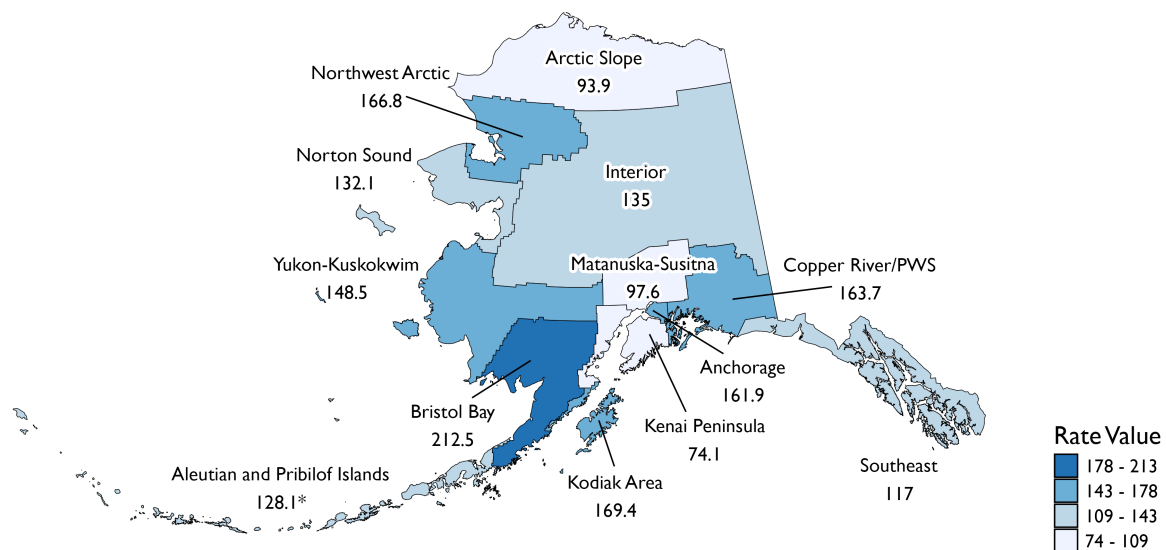


Unintentional Injury Deaths

During 2014-2023:

- There were 1,717 unintentional injury deaths among Alaska Native people (138 per 100,000) and 3,035 among non-Alaska Native people (53 per 100,000)
- There were 1,069 unintentional injury deaths among Alaska Native males (174 per 100,000) and 648 among Alaska Native females (105 per 100,000)
- Alaska Native people aged 70+ years had the highest unintentional injury death rate among any age group (251 per 100,000)
- The top five mechanisms for unintentional injury deaths among Alaska Native people were: Poisoning (770 deaths), Drowning (180 deaths), Motor Vehicle (150 deaths), Exposure to Natural Forces (127 deaths), and Fall (119 deaths)

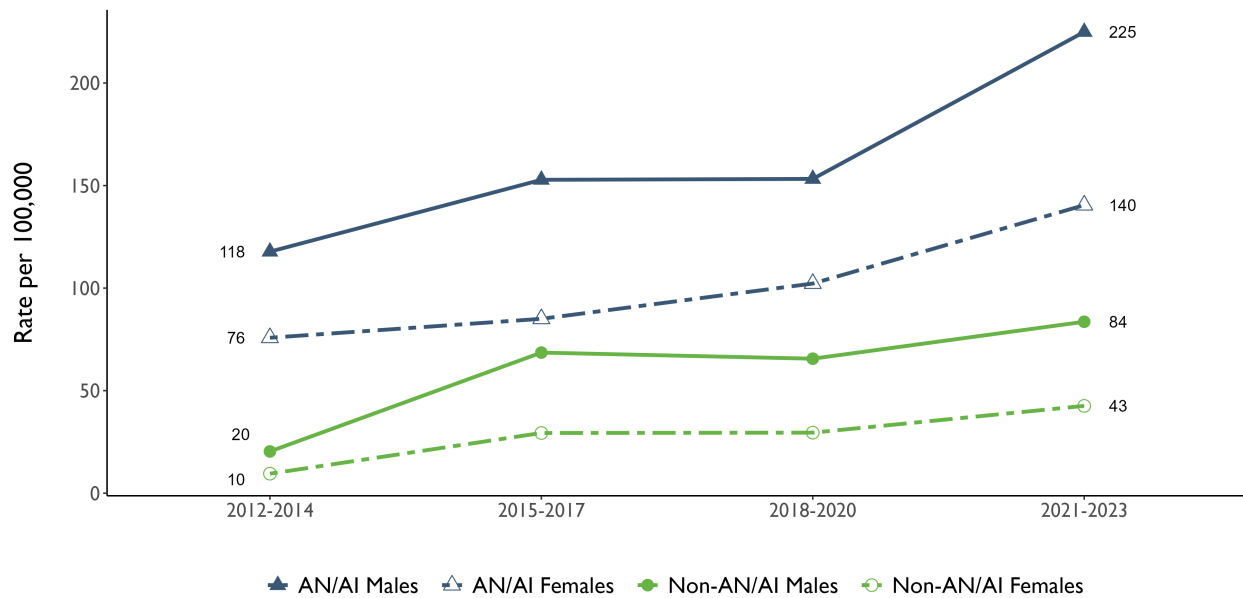
Unintentional Injury Death Rate by Region
Alaska Native People, 2014-2023



Data Source: Alaska Health Analytics and Vital Records
Rates per 100,000; age-adjusted to the 2000 US standard population
*Rates based on 10-19 cases are not statistically reliable and should be used with caution

Data tables available in Appendix A1.

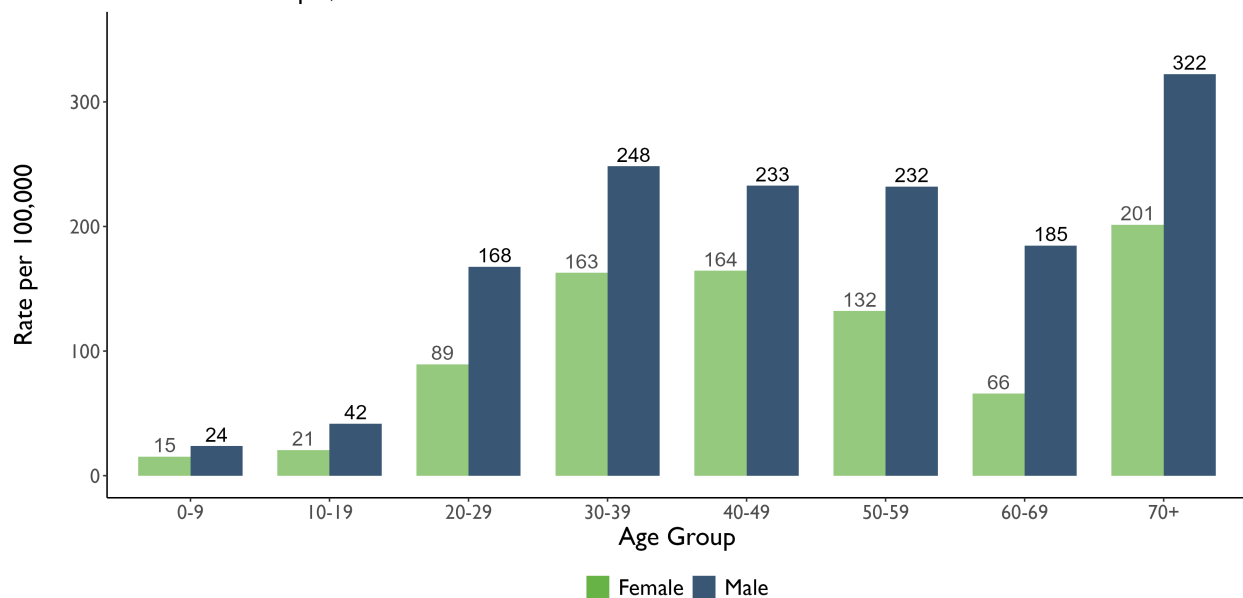
Unintentional Injury Death Rate by Sex, Race, and Year 2012-2023



Data Source: Alaska Health Analytics and Vital Records
Rates per 100,000; age-adjusted to the 2000 US standard population

Data tables available in Appendix A2.

Unintentional Injury Death Rate by Age and Sex Alaska Native People, 2014-2023



Data Source: Alaska Health Analytics and Vital Records
Rates per 100,000; age-adjusted to the 2000 US standard population

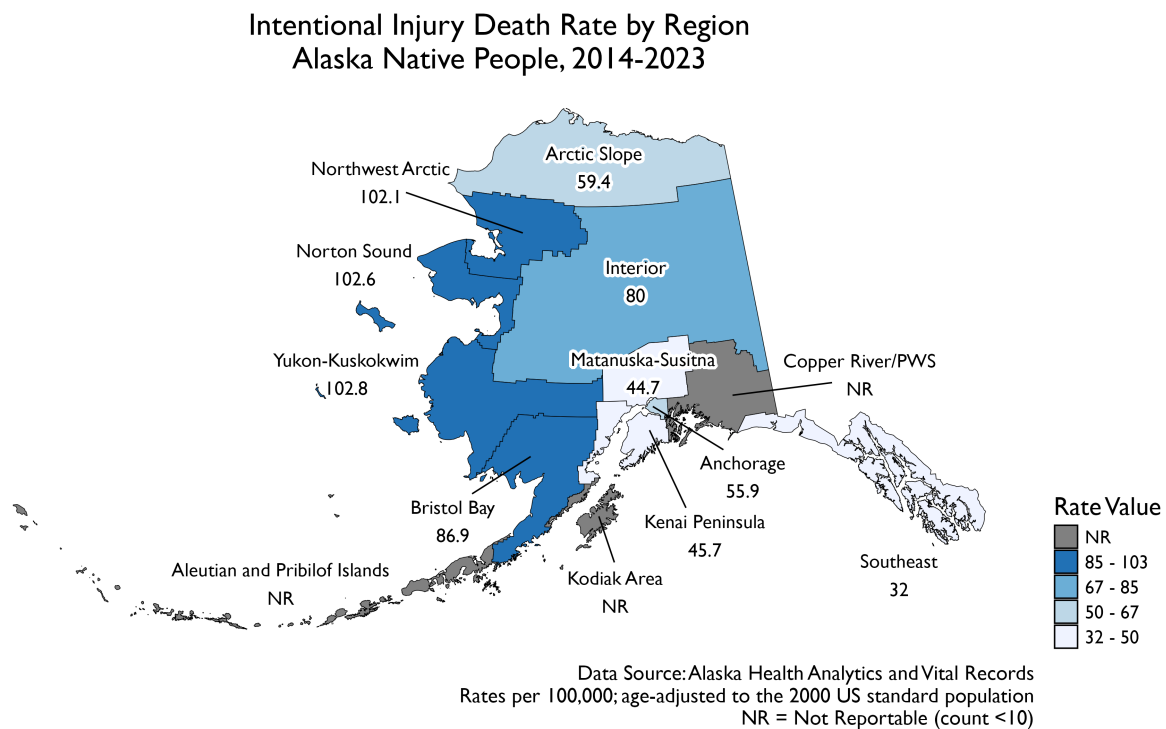
Data tables available in Appendix A3.



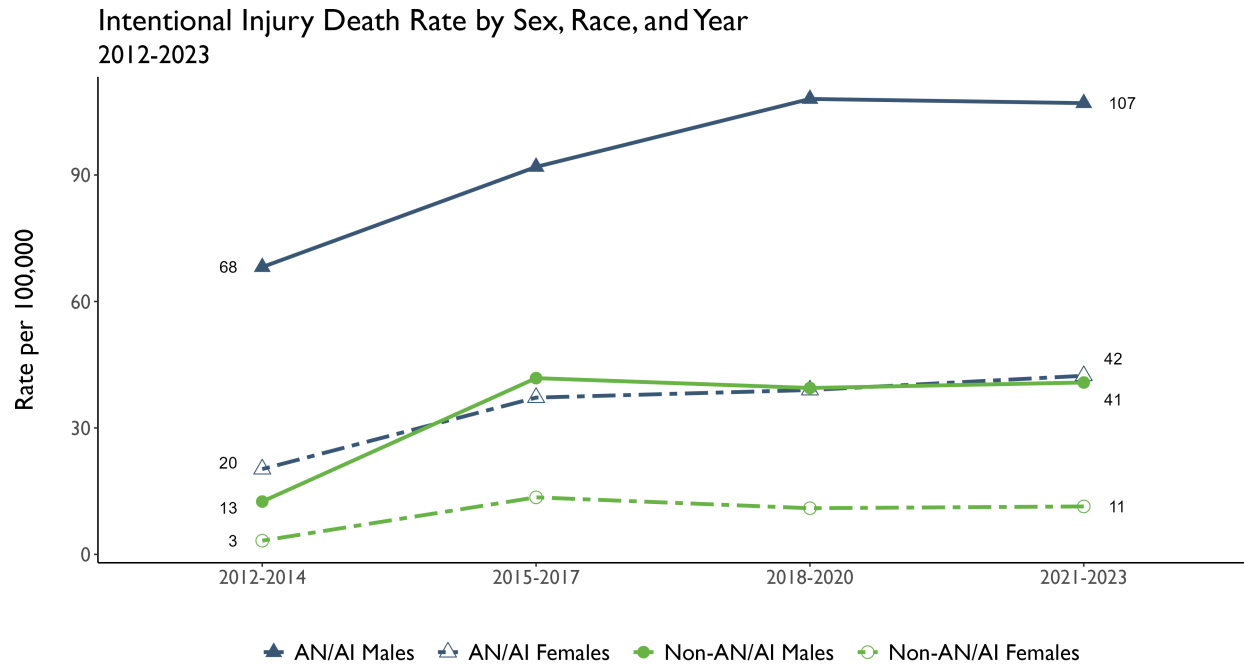
Intentional Injury Deaths

During 2014-2023:

- There were 986 intentional injury deaths among Alaska Native people (68 per 100,000) and 1,599 among non-Alaska Native people (27 per 100,000)
- There were 715 intentional injury deaths among Alaska Native males (98 per 100,000) and 271 among Alaska Native females (38 per 100,000)
- Alaska Native people aged 20-29 years had the highest intentional injury death rate among any age group (154 per 100,000)
- There were 718 Suicide deaths and 268 Homicide deaths among Alaska Native people

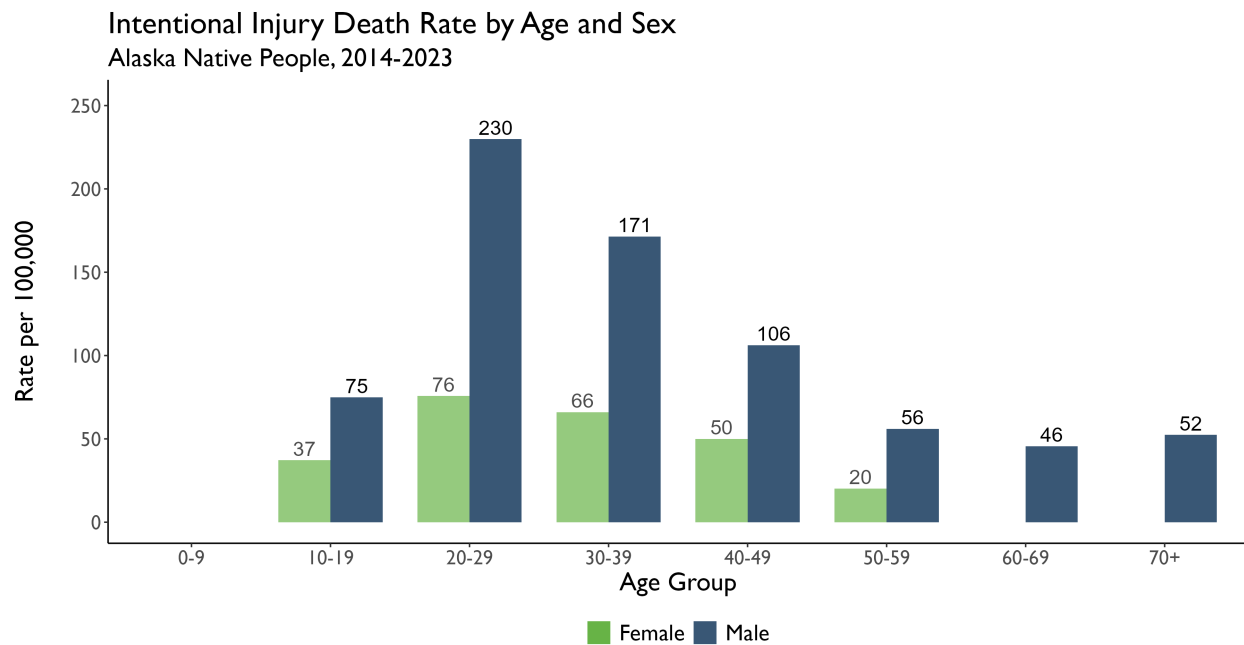


Data tables available in Appendix A1.



Data Source: Alaska Health Analytics and Vital Records
Rates per 100,000; age-adjusted to the 2000 US standard population

Data tables available in Appendix A2.



Data Source: Alaska Health Analytics and Vital Records
Rates per 100,000; age-adjusted to the 2000 US standard population
Rates based on counts <10 are suppressed

Data tables available in Appendix A3.



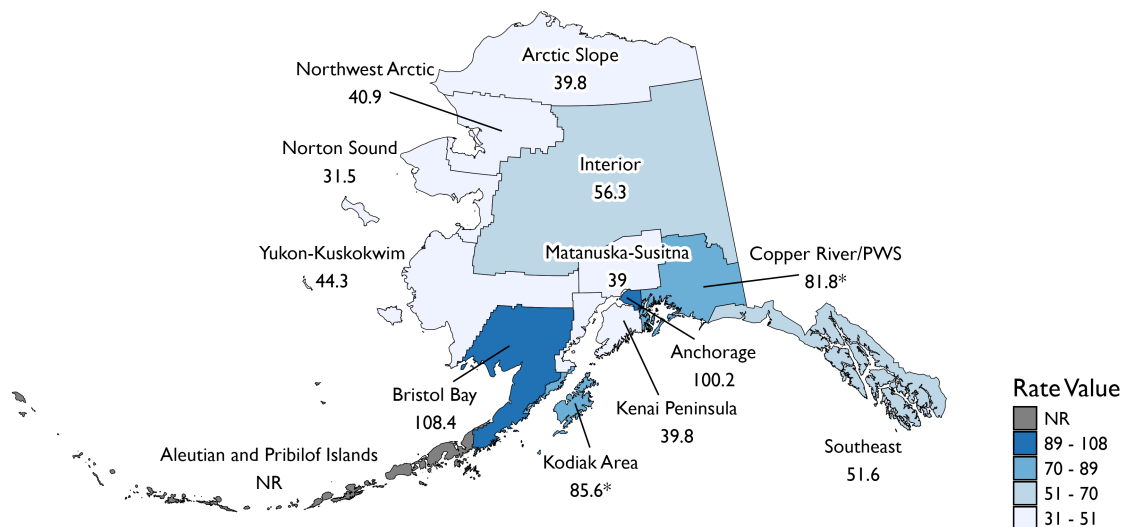
Leading Causes of Injury Deaths

I. Poisoning

During 2014-2023:

- There were 815 poisoning deaths among Alaska Native people (63 per 100,000) and 1,200 among non-Alaska Native people (20 per 100,000)
- There were 447 poisoning deaths among Alaska Native males (69 per 100,000) and 368 among Alaska Native females (58 per 100,000)
- Alaska Native people aged 30-39 years had the highest rate of poisoning deaths of any age group (135 per 100,000)
- The top four mechanisms for poisoning deaths among Alaska Native people were: Drugs, Other (283 deaths), All Alcohols (191 deaths), Narcotics and Hallucinogens (172 deaths), and Antiepileptic, Sedative-Hypnotic, Antiparkinsonian (102 deaths)

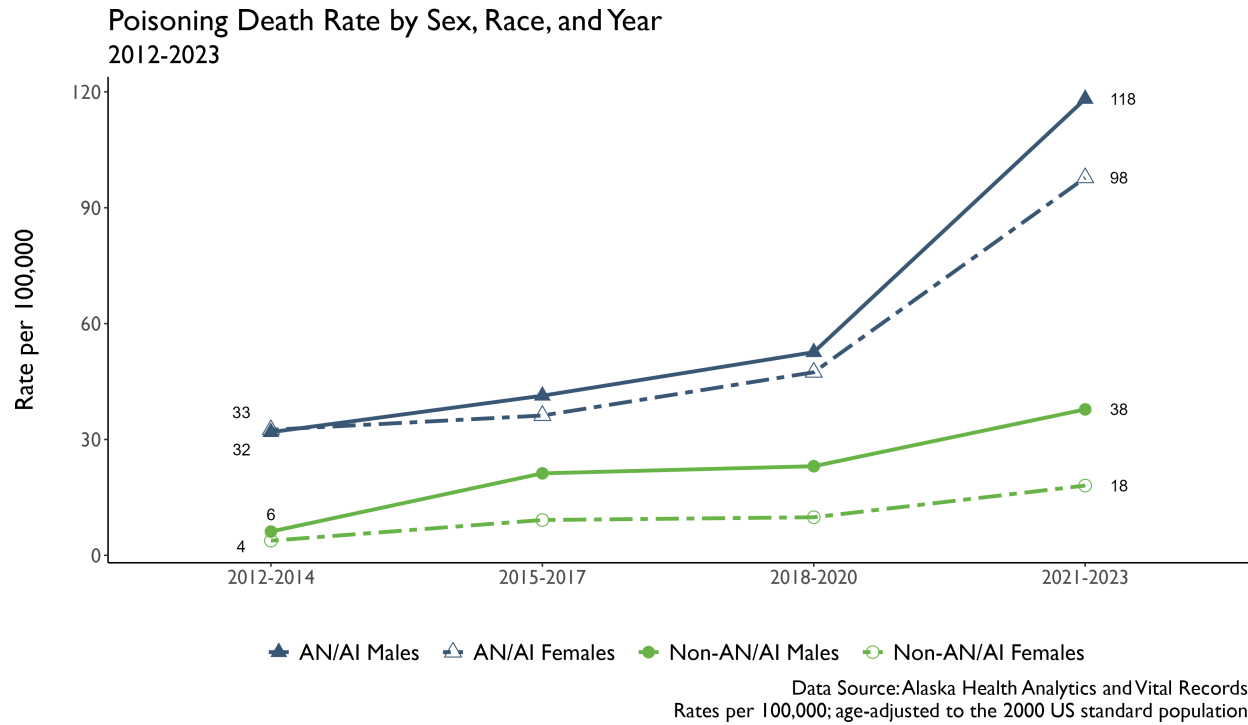
Poisoning Death Rate by Region
Alaska Native People, 2014-2023



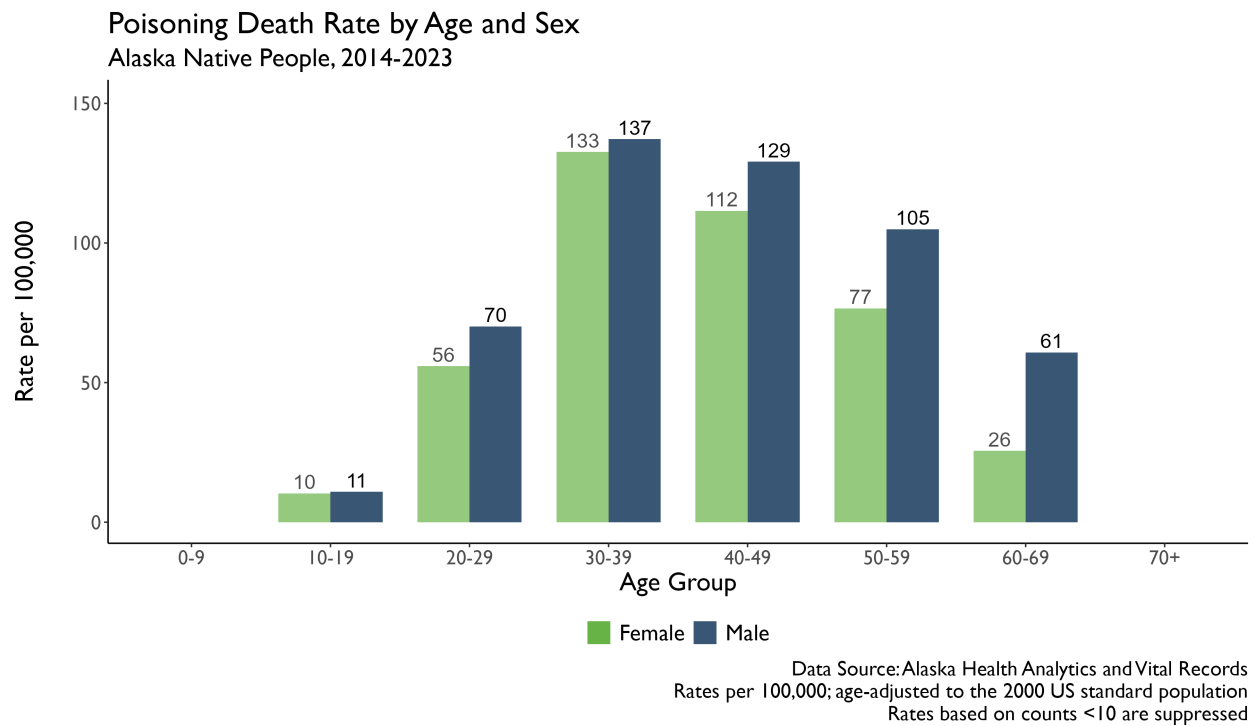
Data Source: Alaska Health Analytics and Vital Records
 Rates per 100,000; age-adjusted to the 2000 US standard population
 NR = Not Reportable (count <10)

*Rates based on 10-19 cases are not statistically reliable and should be used with caution

Data tables available in Appendix A4.



Data tables available in Appendix A5.



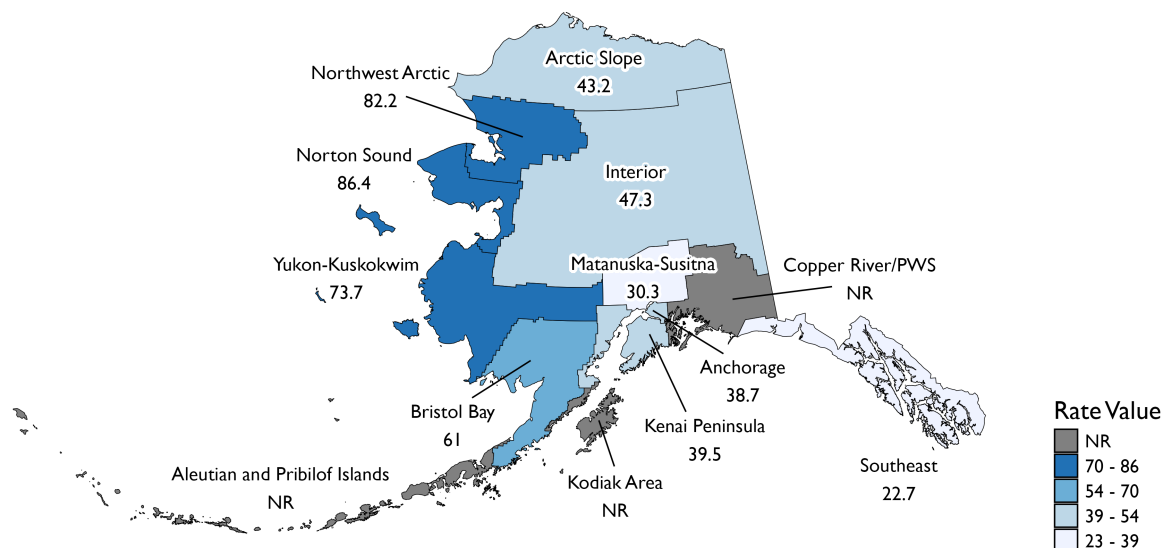
Data tables available in Appendix A6.

2. Suicide

During 2014-2023:

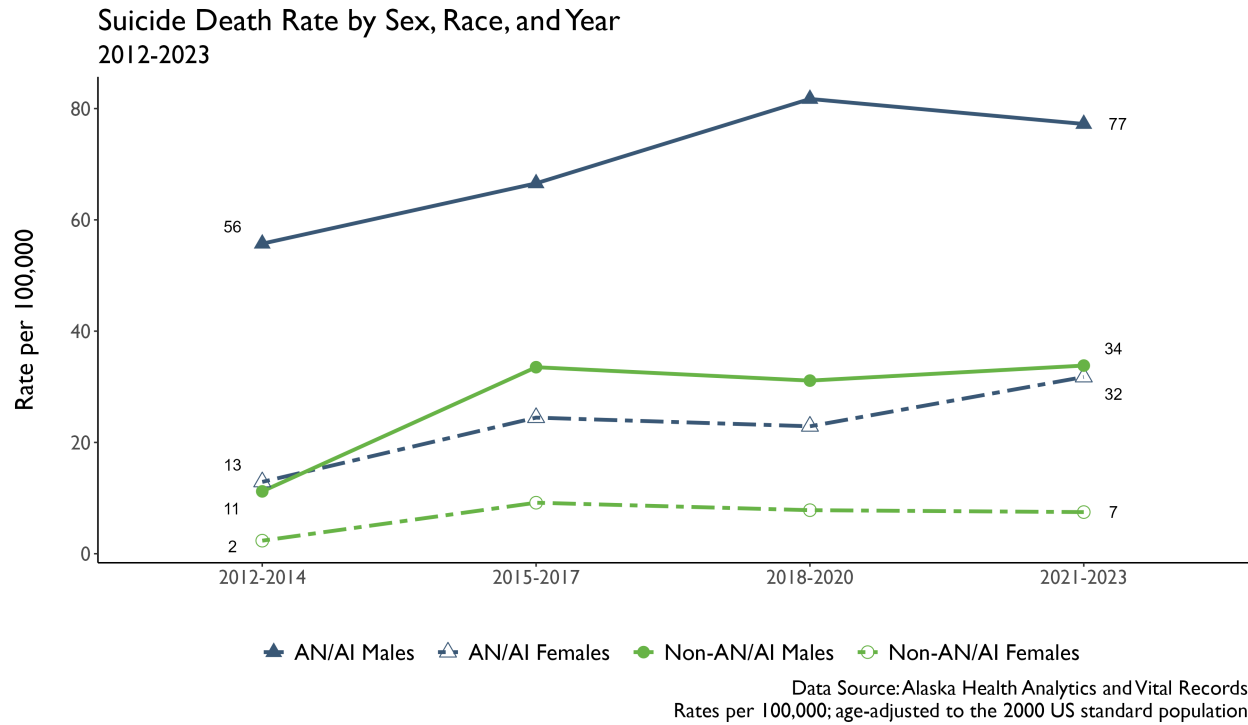
- There were 718 suicide deaths among Alaska Native people (49 per 100,000) and 1,264 among non-Alaska Native people (21 per 100,000)
- There were 538 suicide deaths among Alaska Native males (72 per 100,000) and 180 among Alaska Native females (25 per 100,000)
- Alaska Native people aged 20-29 years had the highest rate of suicide deaths of any age group (123 per 100,000)
- The top three mechanisms for suicide deaths among Alaska Native people were: Firearm (336 deaths), Hanging, Strangulation, Suffocation (317 deaths), and Poisoning (38 deaths)

Suicide Death Rate by Region
Alaska Native People, 2014-2023

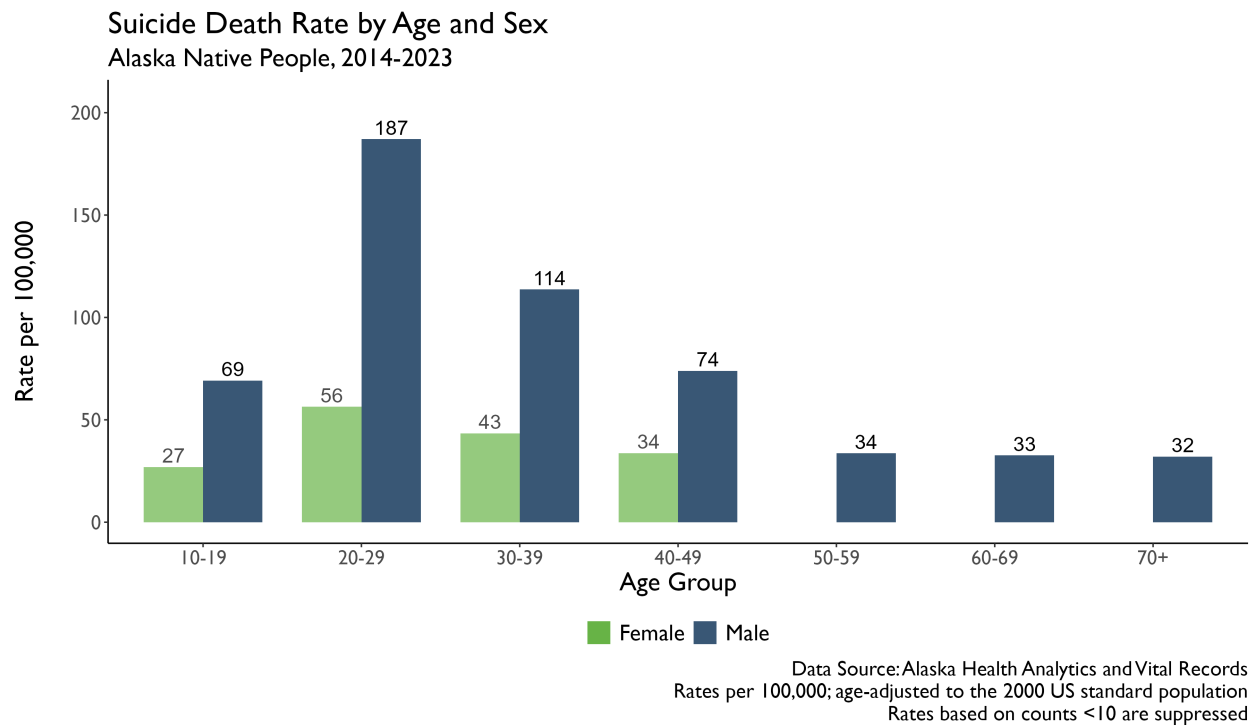


Data Source: Alaska Health Analytics and Vital Records
 Rates per 100,000; age-adjusted to the 2000 US standard population
 NR = Not Reportable (count <10)

Data tables available in Appendix A4.



Data tables available in Appendix A5.



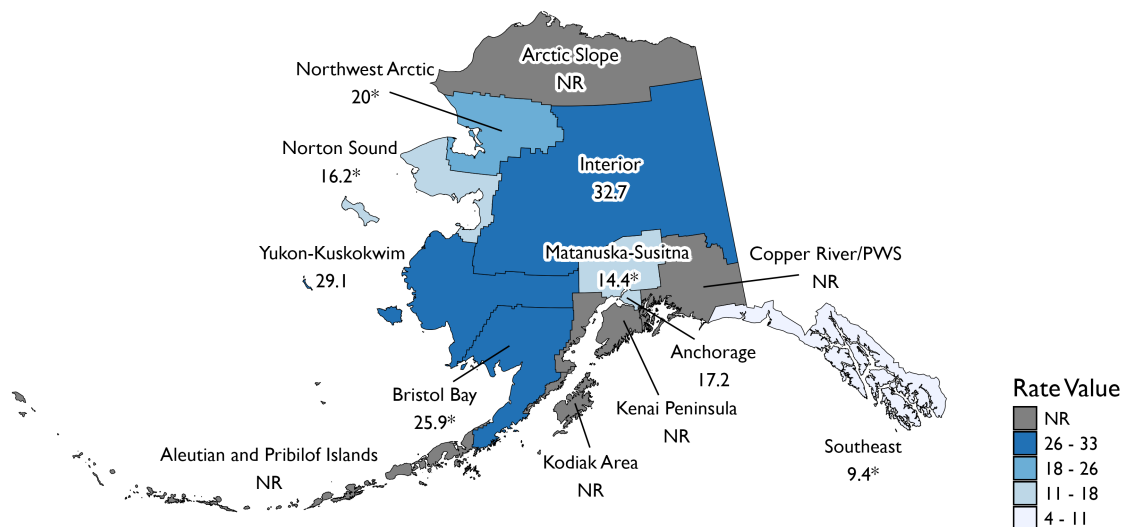
Data tables available in Appendix A6.

3. Homicide

During 2014-2023:

- There were 268 homicide deaths among Alaska Native people (19 per 100,000) and 335 among non-Alaska Native people (6 per 100,000)
- There were 177 homicide deaths among Alaska Native males (26 per 100,000) and 91 among Alaska Native females (13 per 100,000)
- Alaska Native people aged 30-39 years had the highest rate of homicide deaths of any age group (40 per 100,000)
- The top three mechanisms for homicide deaths among Alaska Native people were: Firearm (136 deaths), Sharp Object (51 deaths), and Hanging, Strangulation, Suffocation (25 deaths)

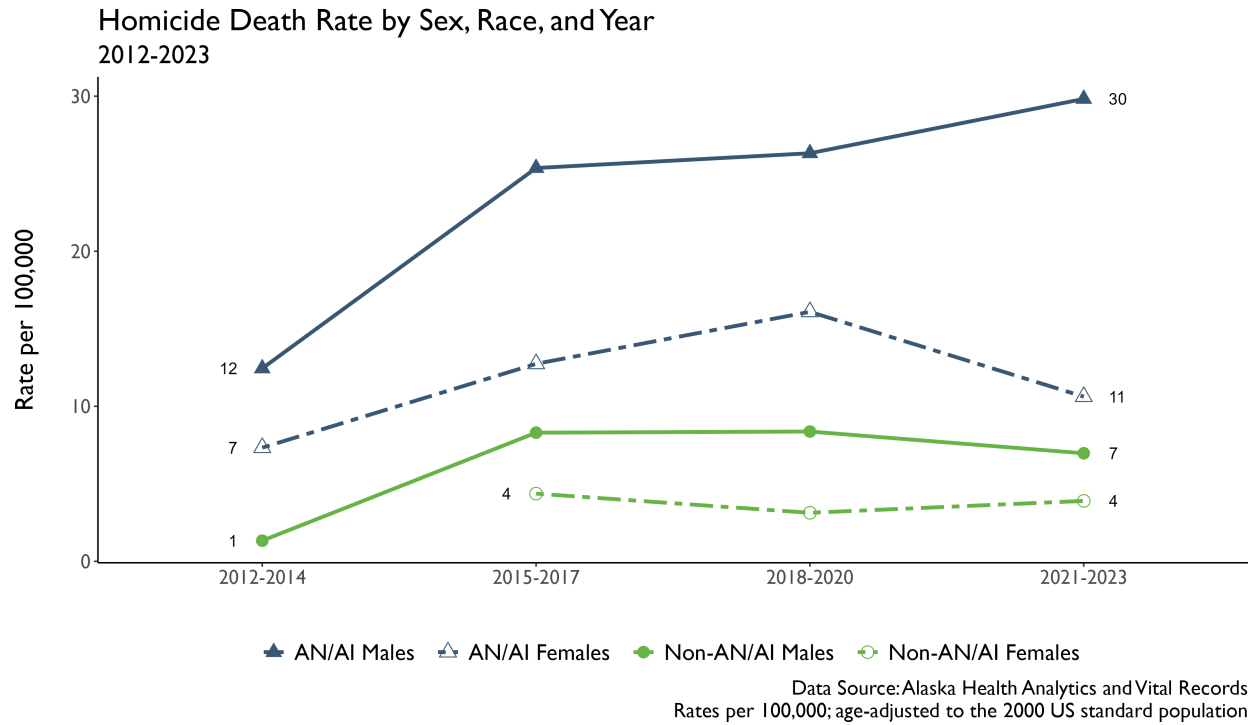
Homicide Death Rate by Region
Alaska Native People, 2014-2023



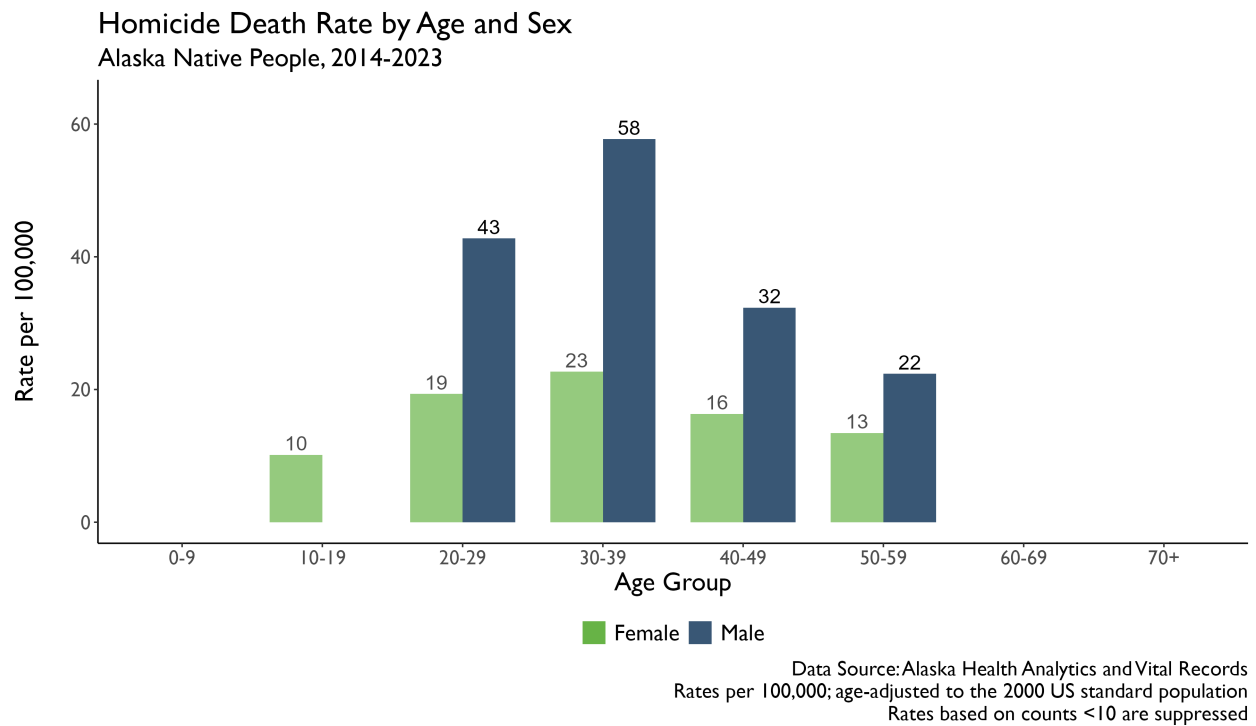
Data Source: Alaska Health Analytics and Vital Records
Rates per 100,000; age-adjusted to the 2000 US standard population
NR = Not Reportable (count <10)

*Rates based on 10-19 cases are not statistically reliable and should be used with caution

Data tables available in Appendix A4.



Data tables available in Appendix A5.



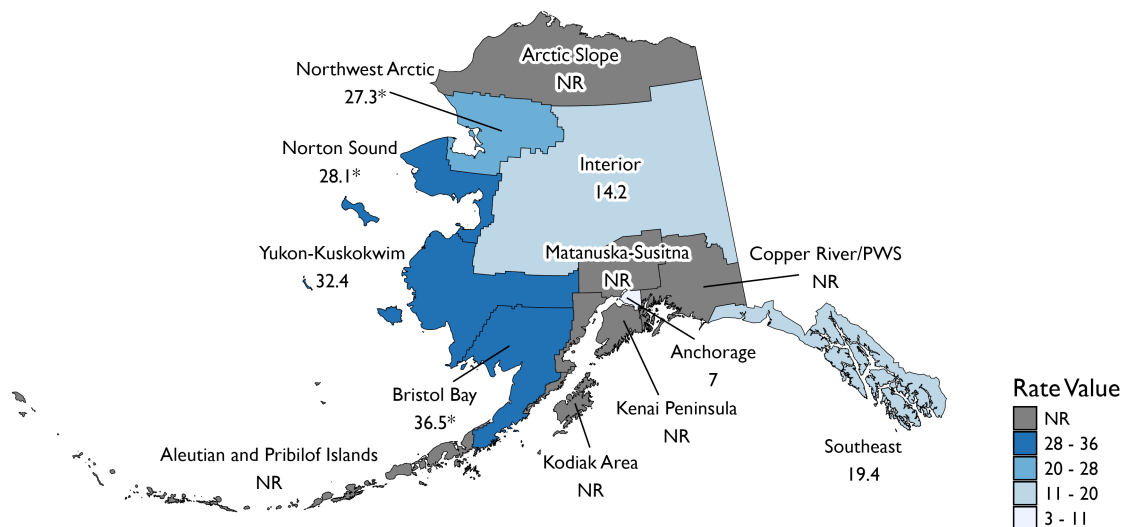
Data tables available in Appendix A6.

4. Drowning

During 2014-2023:

- There were 218 drowning deaths among Alaska Native people (17 per 100,000) and 181 among non-Alaska Native people (3 per 100,000)
- There were 176 drowning deaths among Alaska Native males (27 per 100,000) and 42 among Alaska Native females (7 per 100,000)
- Alaska Native people aged 40-49 years had the highest rate of drowning deaths of any age group (27 per 100,000)
- The top three mechanisms for drowning deaths among Alaska Native people were: Natural Water (77 deaths), Watercraft (64 deaths), and Bathtub (16 deaths)

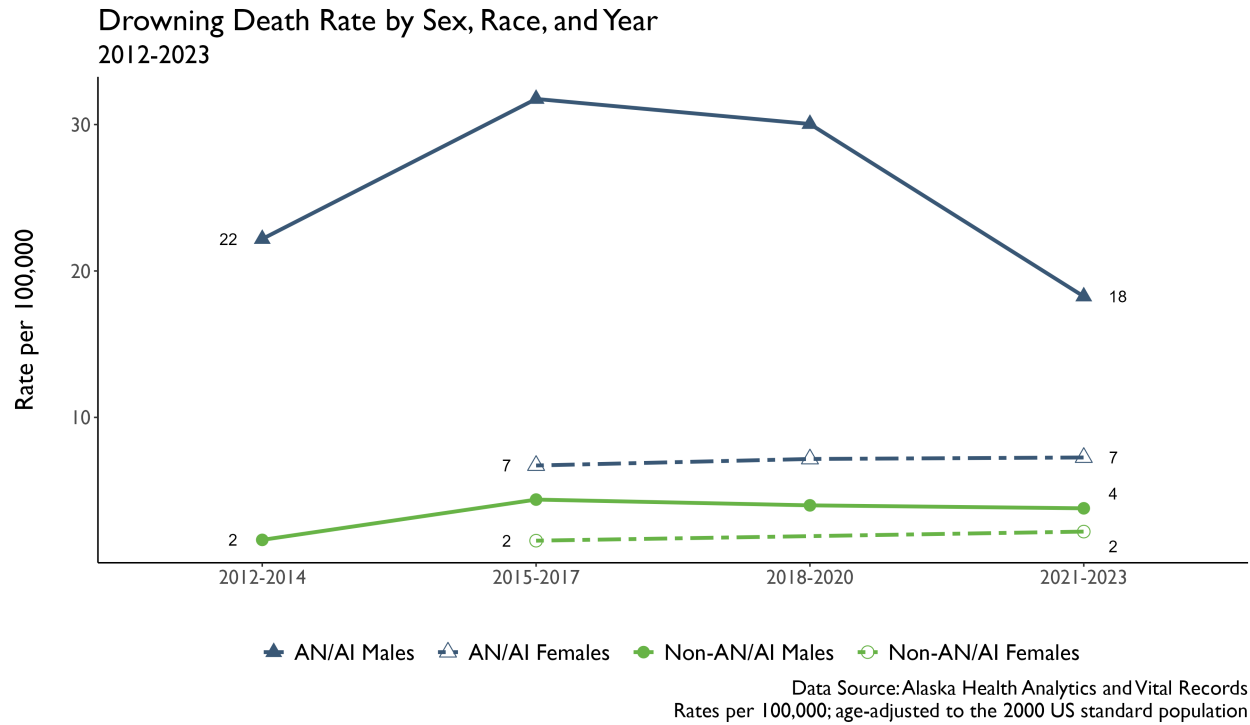
Drowning Death Rate by Region
Alaska Native People, 2014-2023



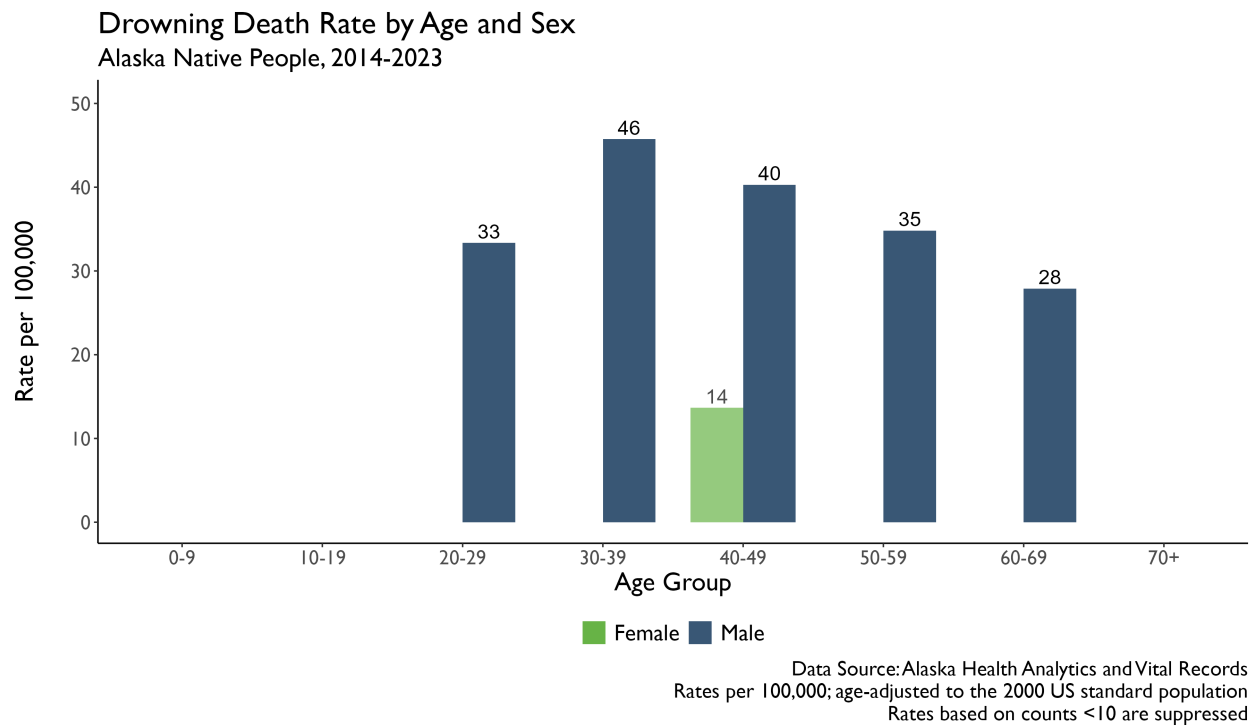
Data Source: Alaska Health Analytics and Vital Records
 Rates per 100,000; age-adjusted to the 2000 US standard population
 NR = Not Reportable (count < 10)

*Rates based on 10-19 cases are not statistically reliable and should be used with caution

Data tables available in Appendix A4.



Data tables available in Appendix A5.



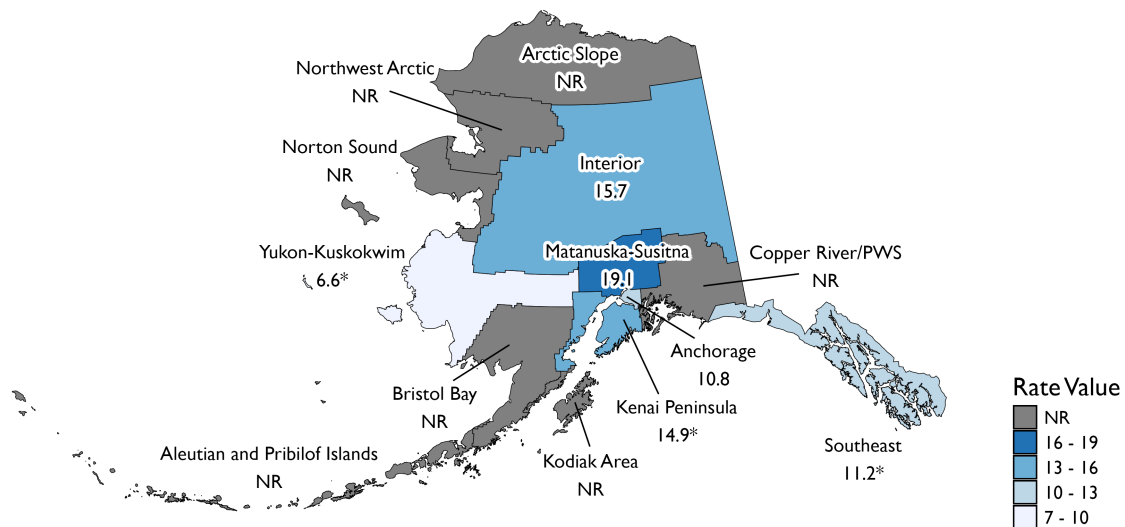
Data tables available in Appendix A6.

5. Motor Vehicle

During 2014-2023:

- There were 150 motor vehicle deaths among Alaska Native people (11 per 100,000) and 497 among non-Alaska Native people (8 per 100,000)
- There were 93 motor vehicle deaths among Alaska Native males (13 per 100,000) and 57 among Alaska Native females (8 per 100,000)
- Alaska Native people aged 20-29 years had the highest rate of motor vehicle deaths of any age group (21 per 100,000)
- The top mechanism for motor vehicle deaths among Alaska Native people was: Collision with Other Motor Vehicle (52 deaths)

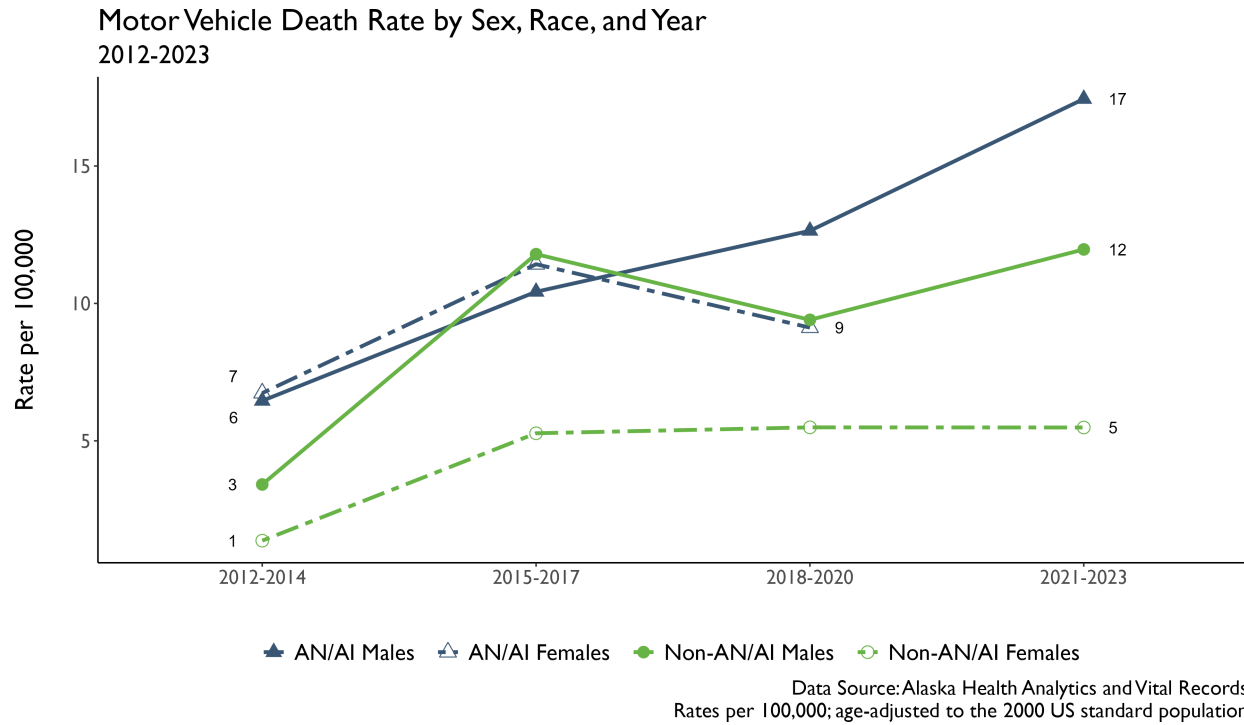
Motor Vehicle Death Rate by Region
Alaska Native People, 2014-2023



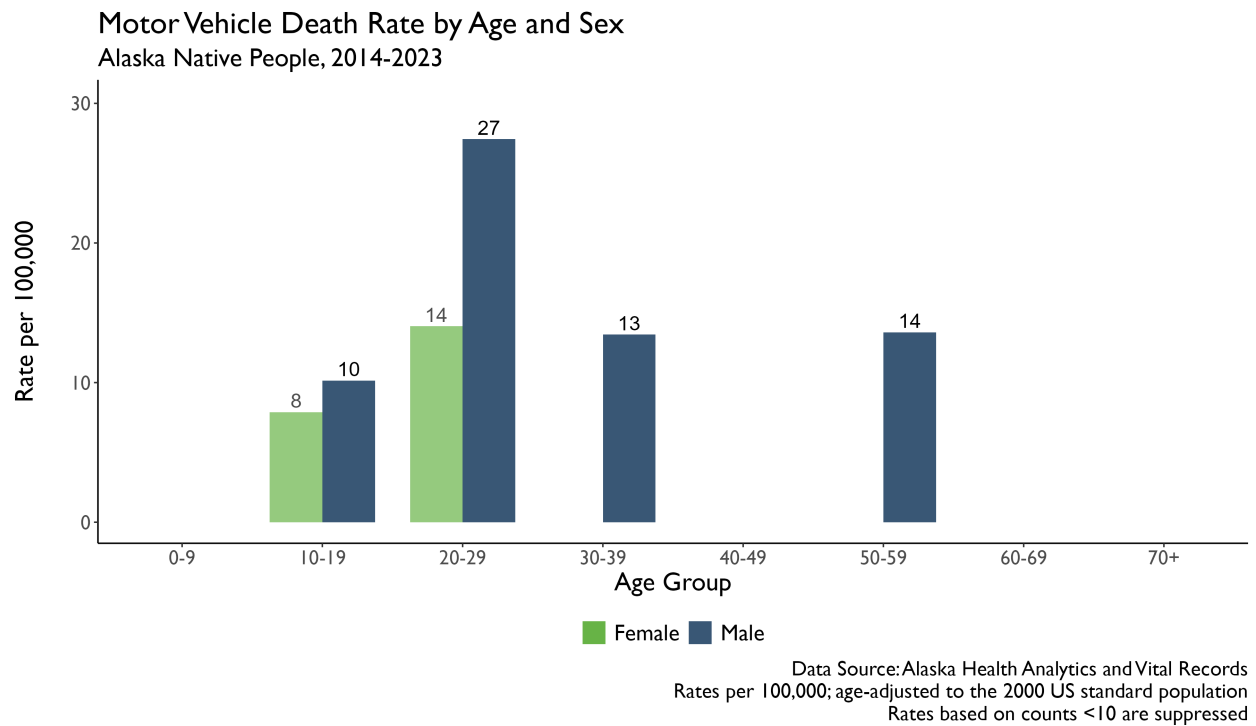
Data Source: Alaska Health Analytics and Vital Records
Rates per 100,000; age-adjusted to the 2000 US standard population
NR = Not Reportable (count <10)

*Rates based on 10-19 cases are not statistically reliable and should be used with caution

Data tables available in Appendix A4.



Data tables available in Appendix A5.



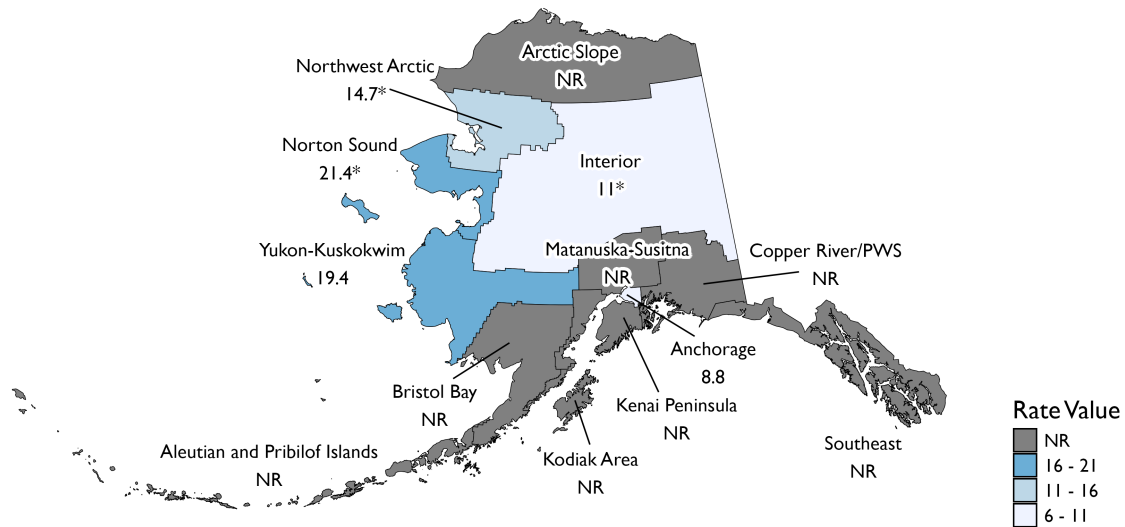
Data tables available in Appendix A6.

6. Exposure to Natural Forces

During 2014-2023:

- There were 127 exposure to natural forces deaths among Alaska Native people (10 per 100,000) and 118 among non-Alaska Native people (2 per 100,000)
- There were 92 exposure to natural forces deaths among Alaska Native males (14 per 100,000) and 35 among Alaska Native females (6 per 100,000)
- Alaska Native people aged 60-69 years had the highest rate of exposure to natural forces deaths of any age group (18 per 100,000)
- The top mechanism for exposure to natural forces deaths among Alaska Native people was: Excessive Natural Cold (114 deaths)

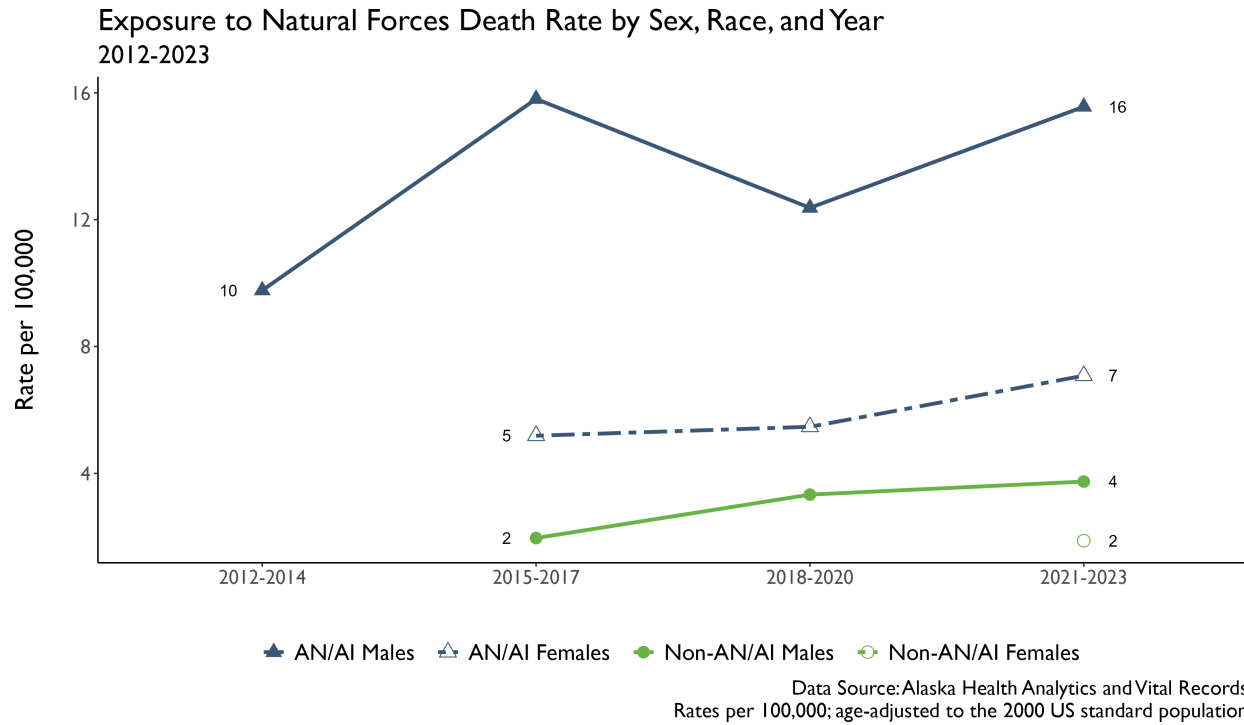
Exposure to Natural Forces Death Rate by Region
Alaska Native People, 2014-2023



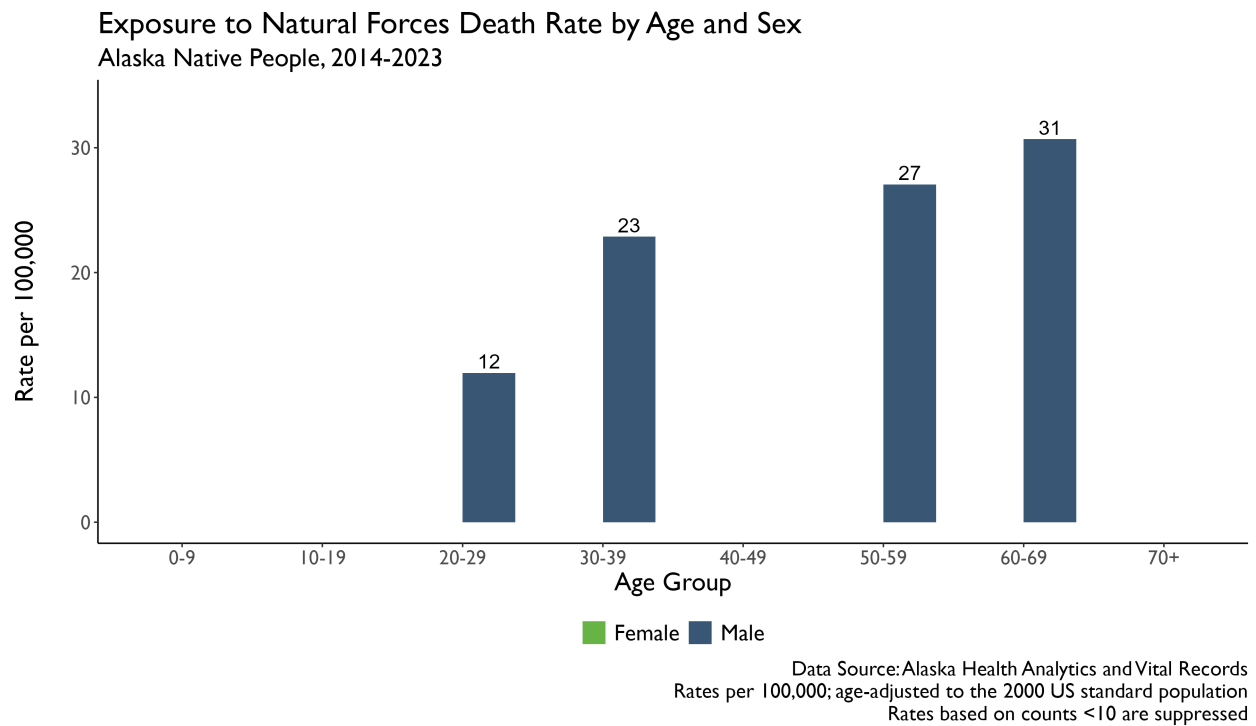
Data Source: Alaska Health Analytics and Vital Records
 Rates per 100,000; age-adjusted to the 2000 US standard population
 NR = Not Reportable (count <10)

*Rates based on 10-19 cases are not statistically reliable and should be used with caution

Data tables available in Appendix A4.



Data tables available in Appendix A5.



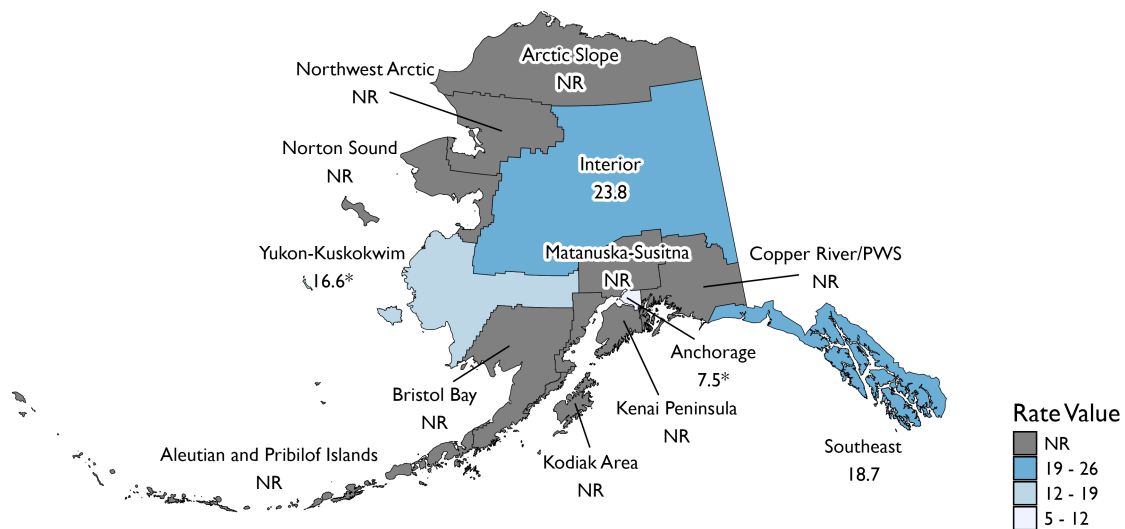
Data tables available in Appendix A6.

7. Fall

During 2014-2023:

- There were 119 fall deaths among Alaska Native people (15 per 100,000) and 488 among non-Alaska Native people (10 per 100,000)
- There were 63 fall deaths among Alaska Native males (18 per 100,000) and 56 among Alaska Native females (12 per 100,000)
- Alaska Native people aged 70+ years had the highest rate of fall deaths of any age group (122 per 100,000)

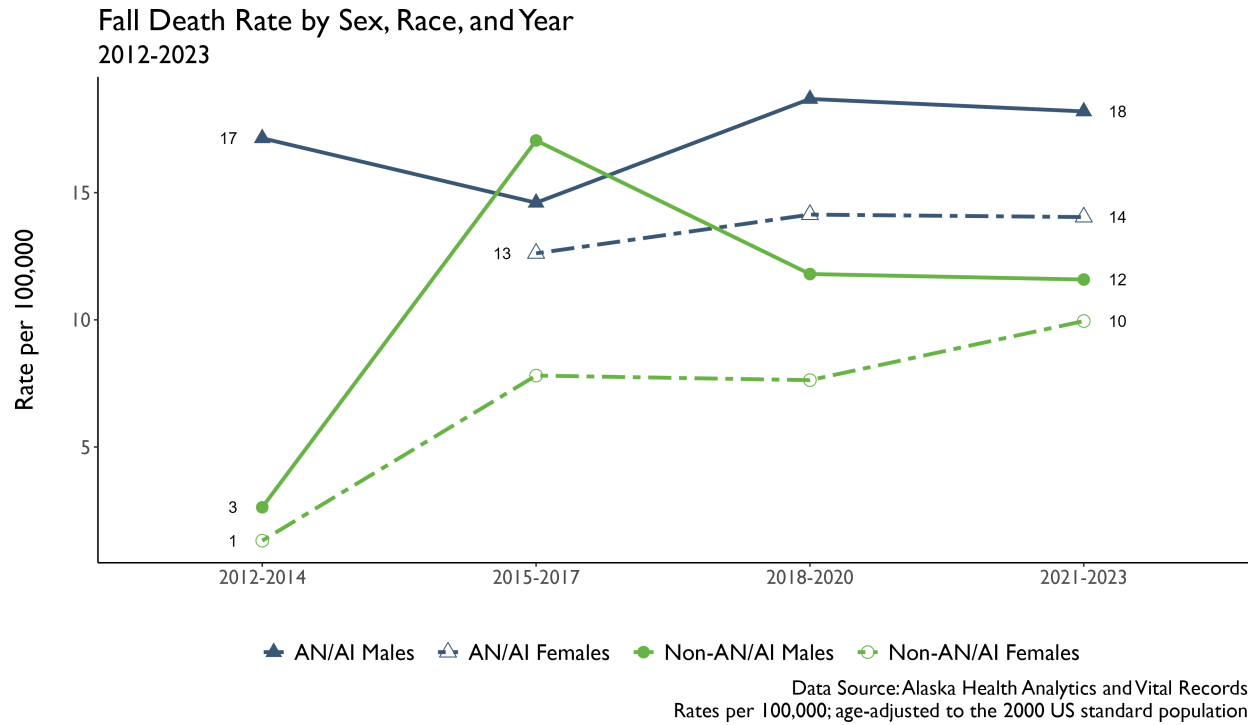
Fall Death Rate by Region
Alaska Native People, 2014-2023



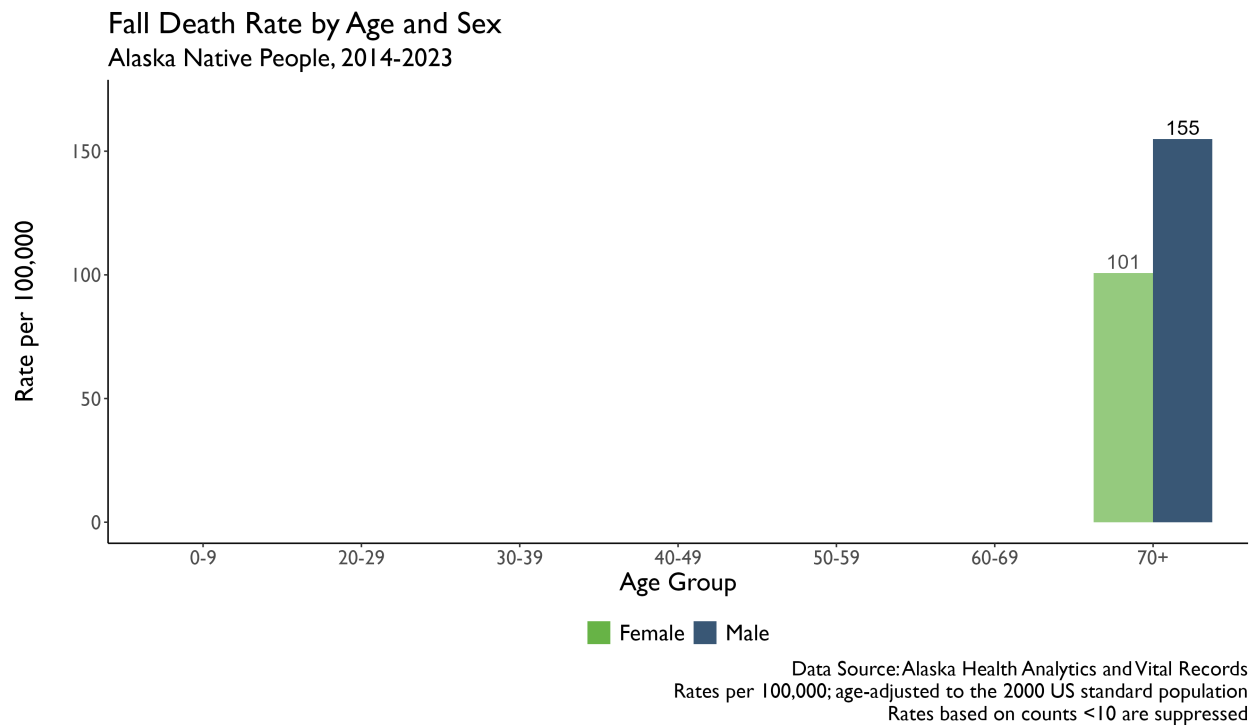
Data Source: Alaska Health Analytics and Vital Records
Rates per 100,000; age-adjusted to the 2000 US standard population
NR = Not Reportable (count <10)

*Rates based on 10-19 cases are not statistically reliable and should be used with caution

Data tables available in Appendix A4.



Data tables available in Appendix A5.



Data tables available in Appendix A6.



Data Tables: Deaths, Statewide

Data for the tables below come from Alaska Health Analytics and Vital Records. The population estimates used for rate calculations come from the Alaska Department of Labor and Workforce Development. Age-adjusted death rates were calculated by ANTHC and are reported per 100,000; age-adjusted to the 2000 US standard population. Counts <6 and rates based on counts <10 are suppressed. If either of the sex-specific counts or rates for a cause are suppressed, both sex-specific counts or rates are suppressed to allow for inclusion of the total counts and rates.

Alaska

Alaska 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	715	98.2	271	37.5	986	67.8
	Suicide	538	72.3	180	24.8	718	48.5
	Homicide	177	26.0	91	12.7	268	19.3
Unintentional & Undetermined	Total	1,160	187.5	706	113.1	1,866	149.2
	Poisoning	447	69.0	368	57.8	815	63.3
	Drowning	176	26.7	42	6.7	218	16.6
	Motor Vehicle	93	13.0	57	8.2	150	10.6
	Exposure to Natural Forces	92	14.0	35	5.7	127	9.8
	Fall	63	17.9	56	12.4	119	14.6
	Pedestrian	50	7.5	36	5.6	86	6.6
	ATV or Snowmachine	57	8.9	27	3.6	84	6.2
	Suffocation	50	9.0	27	4.1	77	6.4
	Fire/Burn	35	5.8	24	3.6	59	4.7
	Other/Unknown	35	7.1	15	2.7*	50	4.7
	Firearm	23		9		32	2
	Air Transport					11	0.9*
	Struck By or Against					8	
	Unspecified					7	
	Watercraft					6	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Data Tables: Deaths, by Region

Aleutian and Pribilof Islands

Aleutian and Pribilof Islands		Alaska Native					
2014-2023		Male		Female		Total	
Intent	Mechanism	Count	Rate	Count	Rate	Count	Rate
Intentional	Total					9	
Unintentional & Undetermined	Total					16	132.6*
	Poisoning					8	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Anchorage

Anchorage 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	160	85.6	66	29.8	226	55.9
	Suicide	112	60.1	47	20	159	38.7
	Homicide	48	25.5	19	9.8*	67	17.2
Unintentional & Undetermined	Total	338	224.3	250	135.9	588	172.3
	Poisoning	187	113.7	169	89.6	356	100.2
	Pedestrian	23	14.4	22	10.7	45	12.1
	Motor Vehicle	28	14.6	11	6.6*	39	10.8
	Exposure to Natural Forces	18		9		27	8.8
	Suffocation	19		8		27	9.1
	Drowning	18		7		25	7
	Other/Unknown					22	8.1
	Fall	11		6		17	7.5*
	Fire/Burn					11	3.8*
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Arctic Slope

Arctic Slope 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total					36	59.4
	Suicide					27	43.2
	Homicide					9	
Unintentional & Undetermined	Total	34	153.2	16	68.6*	50	105.8
	Poisoning	7		13		20	39.8
	Suffocation					6	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Bristol Bay

Bristol Bay 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	32		9		41	86.9
	Suicide					29	61
	Homicide					12	25.9*
Unintentional & Undetermined	Total	69	329.2	24	104.6	93	218.1
	Poisoning	31	154.1	13	61.4*	44	108.4
	Drowning					16	36.5*
	ATV or Snowmachine					8	
	Motor Vehicle					7	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Copper River/Prince William Sound

Copper River/Prince William Sound							
2014-2023							
		Male		Alaska Native Female		Total	
Intent	Mechanism	Count	Rate	Count	Rate	Count	Rate
Intentional	Total					9	
Unintentional & Undetermined	Total	14	186.5*	12	145.2*	26	163.7
	Poisoning					13	81.8*
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Interior

Interior 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	88	115.3	36	46.4	124	80
	Suicide	53	70.1	20	26.3	73	47.3
	Homicide	35	45.2	16	20.1*	51	32.7
Unintentional & Undetermined	Total	143	198.7	72	97.3	215	145.4
	Poisoning	54	70.1	31	43.4	85	56.3
	Fall	17	30.7*	13	18.9*	30	23.8
	Motor Vehicle	15	19*	11	12.9*	26	15.7
	Drowning					21	14.2
	Exposure to Natural Forces					17	11*
	Suffocation					8	
	ATV or Snowmachine					7	
	Firearm					6	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Kenai Peninsula

Kenai Peninsula 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	21	55.3	10	34.2*	31	45.7
Unintentional & Undetermined	Total	32	90.5	18	61.1*	50	78.5
	Poisoning	16		9		25	39.8
	Motor Vehicle					12	14.9*
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Kodiak Island

Kodiak Area 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total					9	
Unintentional & Undetermined	Total	20	210.7	13	136.7*	33	173.6
	Poisoning	10		7		17	85.6*
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Matanuska-Susitna

Matanuska-Susitna 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	38	67.8	12	22.2*	50	44.7
	Suicide					34	30.3
	Homicide	9		7		16	14.4*
Unintentional & Undetermined	Total	46	114.4	43	95.5	89	102.1
	Poisoning	22	40.9	19	36.3*	41	39
	Motor Vehicle	11		9		20	19.1
	Drowning					7	
	Suffocation					6	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Northwest Arctic

Northwest Arctic 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	50	137.1	19	62.9*	69	102.1
	Suicide	42	110.7	14	49.4*	56	82.2
	Homicide					13	20*
Unintentional & Undetermined	Total	60	209.7	37	133.1	97	176.1
	Poisoning	13	44.3*	10	37.3*	23	40.9
	Drowning					15	27.3*
	Fire/Burn					11	21.5*
	ATV or Snowmachine					10	15.2*
	Exposure to Natural Forces					10	14.7*
	Pedestrian					7	
	Fall					6	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Norton Sound

Norton Sound 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	66	157.3	16	40.1*	82	102.6
	Suicide	58	136.6	12	28.8*	70	86.4
	Homicide					12	16.2*
Unintentional & Undetermined	Total	70	197.8	31	95.9	101	145.8
	Poisoning	14		8		22	31.5
	Drowning					18	28.1*
	Exposure to Natural Forces					16	21.4*
	ATV or Snowmachine					15	20.1*
	Fall					7	
	Motor Vehicle					7	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Southeast

Southeast 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	40	46.8	14	17.3*	54	32
	Suicide	29		9		38	22.7
	Homicide					16	9.4*
Unintentional & Undetermined	Total	120	157.6	74	97.6	194	127.4
	Poisoning	43	55.2	35	48.3	78	51.6
	Drowning	26		6		32	19.4
	Fall	14	23*	11	14.8*	25	18.7
	Motor Vehicle	9		9		18	11.2*
	Exposure to Natural Forces					7	
	Fire/Burn					7	
	Other/Unknown					7	
	Suffocation					7	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							

Yukon-Kuskokwim

Yukon-Kuskokwim 2014-2023		Alaska Native					
Intent	Mechanism	Male		Female		Total	
		Count	Rate	Count	Rate	Count	Rate
Intentional	Total	171	137	75	66.4	246	102.8
	Suicide	133	100.8	51	44.9	184	73.7
	Homicide	38	36.2	24	21.5	62	29.1
Unintentional & Undetermined	Total	202	204.4	112	130	314	168.8
	Poisoning	39	40.4	44	48.6	83	44.3
	Drowning	56	51.6	10	11.5*	66	32.4
	Exposure to Natural Forces	31	27.4	11	10.5*	42	19.4
	ATV or Snowmachine	20	18.9	11	9.1*	31	14.2
	Pedestrian					15	9*
	Fall					14	16.6*
	Motor Vehicle					12	6.6*
	Fire/Burn					11	5*
	Firearm					10	4.1*
	Suffocation					10	4.3*
	Other/Unknown					7	
Data Source: Alaska Health Analytics and Vital Records							
Rates per 100,000; age-adjusted to the 2000 US standard population							
Counts <6 and rates based on counts <10 are suppressed							
*Rates based on 10-19 cases are not statistically reliable & should be used with caution							



Appendix Tables

Table A1: Death Counts & Rates, by Intent & by Region

Table A1				
2014-2023				
Region	Alaska Native			
	Intentional	Unintentional		
	Count	Rate	Count	Rate
Aleutian and Pribilof Islands			15	128.1*
Anchorage	226	55.9	548	161.9
Arctic Slope	36	59.4	43	93.9
Bristol Bay	41	86.9	90	212.5
Copper River/Prince William Sound			26	163.7
Interior	124	80	200	135
Kenai Peninsula	31	45.7	47	74.1
Kodiak Area			32	169.4
Matanuska-Susitna	50	44.7	84	97.6
Northwest Arctic	69	102.1	92	166.8
Norton Sound	82	102.6	91	132.1
Southeast	54	32	178	117
Yukon-Kuskokwim	246	102.8	271	148.5
Data Source: Alaska Health Analytics and Vital Records				
Rates per 100,000; age-adjusted to the 2000 US standard population				
Counts <6 and rates based on counts <10 are suppressed				

Table A2: Death Counts & Rates, by Intent, Race & Sex, and Year Group

Table A2									
2012-2023									
Intent	Years	Alaska Native				Non-Alaska Native			
		Male		Female		Male		Female	
		Count	Rate	Count	Rate	Count	Rate	Count	Rate
Intentional Injury	2012-2014	150	68.2	42	20.2	119	12.5	30	3.3
	2015-2017	204	91.9	80	37.2	386	41.8	116	13.5
	2018-2020	236	108.1	86	39.0	369	39.5	98	11.0
	2021-2023	235	107.1	92	42.4	384	40.8	97	11.4
Unintentional Injury	2012-2014	203	117.8	133	75.8	180	20.4	79	9.5
	2015-2017	285	152.8	153	85.0	583	68.6	235	29.4
	2018-2020	277	153.2	190	102.2	584	65.6	242	29.5
	2021-2023	429	224.9	266	140.5	774	83.6	358	42.6
Data Source: Alaska Health Analytics and Vital Records									
Rates per 100,000; age-adjusted to the 2000 US standard population									
*Rates based on 10-19 cases are not statistically reliable & should be used with caution									

Table A3: Death Counts & Rates, by Intent, Sex, and Age

Table A3 2014-2023		Alaska Native			
Intent	Age	Male		Female	
		Count	Rate	Count	Rate
Intentional Injury	10-19	104	74.9	47	37.1
	20-29	268	229.8	86	75.7
	30-39	175	171.4	69	66
	40-49	79	106.2	37	50
	50-59	41	56	15	20.2*
	60-69	25	45.6		
	70+	18	52.4*		
Unintentional Injury	0-9	36	23.8	22	15.3
	10-19	58	41.8	26	20.5
	20-29	196	167.7	102	89.4
	30-39	246	248.4	160	162.8
	40-49	173	232.7	121	164.5
	50-59	172	232	101	132.2
	60-69	102	184.7	41	65.9
	70+	86	322.3	75	201.4
Data Source: Alaska Health Analytics and Vital Records					
Rates per 100,000; age-adjusted to the 2000 US standard population					
Counts <6 and rates based on counts <10 are suppressed					
*Rates based on 10-19 cases are not statistically reliable & should be used with caution					

Table A4: Poisoning Death Counts & Rates, by Region

Table A4 Poisoning 2014-2023		
Region	Count	Alaska Native Rate
Anchorage	356	100.2
Arctic Slope	20	39.8
Bristol Bay	44	108.4
Copper River/Prince William Sound	13	81.8*
Interior	85	56.3
Kenai Peninsula	25	39.8
Kodiak Area	17	85.6*
Matanuska-Susitna	41	39
Northwest Arctic	23	40.9
Norton Sound	22	31.5
Southeast	78	51.6
Yukon-Kuskokwim	83	44.3
Data Source: Alaska Health Analytics and Vital Records		
Rates per 100,000; age-adjusted to the 2000 US standard population		
Counts <6 and rates based on counts <10 are suppressed		
*Rates based on 10-19 cases are not statistically reliable & should be used with caution		

Table A4: Suicide Death Counts & Rates, by Region

Table A4 Suicide		
2014-2023		
Region	Alaska Native	
	Count	Rate
Anchorage	159	38.7
Arctic Slope	27	43.2
Bristol Bay	29	61
Interior	73	47.3
Kenai Peninsula	27	39.5
Matanuska-Susitna	34	30.3
Northwest Arctic	56	82.2
Norton Sound	70	86.4
Southeast	38	22.7
Yukon-Kuskokwim	184	73.7
Data Source: Alaska Health Analytics and Vital Records		
Rates per 100,000; age-adjusted to the 2000 US standard population		
Counts <6 and rates based on counts <10 are suppressed		
*Rates based on 10-19 cases are not statistically reliable & should be used with caution		

Table A4: Homicide Death Counts & Rates, by Region

Table A4 Homicide 2014-2023		
Region	Count	Alaska Native Rate
Anchorage	67	17.2
Bristol Bay	12	25.9*
Interior	51	32.7
Matanuska-Susitna	16	14.4*
Northwest Arctic	13	20*
Norton Sound	12	16.2*
Southeast	16	9.4*
Yukon-Kuskokwim	62	29.1
Data Source: Alaska Health Analytics and Vital Records		
Rates per 100,000; age-adjusted to the 2000 US standard population		
Counts <6 and rates based on counts <10 are suppressed		
*Rates based on 10-19 cases are not statistically reliable & should be used with caution		

Table A4: Drowning Death Counts & Rates, by Region

Table A4 Drowning		
2014-2023		
Region	Count	Alaska Native Rate
Anchorage	25	7
Bristol Bay	16	36.5*
Interior	21	14.2
Northwest Arctic	15	27.3*
Norton Sound	18	28.1*
Southeast	32	19.4
Yukon-Kuskokwim	66	32.4
Data Source: Alaska Health Analytics and Vital Records		
Rates per 100,000; age-adjusted to the 2000 US standard population		
Counts <6 and rates based on counts <10 are suppressed		
*Rates based on 10-19 cases are not statistically reliable & should be used with caution		

Table A4: Motor Vehicle Death Counts & Rates, by Region

Table A4 Motor Vehicle 2014-2023		
Region	Count	Alaska Native Rate
Anchorage	39	10.8
Interior	26	15.7
Kenai Peninsula	12	14.9*
Matanuska-Susitna	20	19.1
Southeast	18	11.2*
Yukon-Kuskokwim	12	6.6*
Data Source: Alaska Health Analytics and Vital Records		
Rates per 100,000; age-adjusted to the 2000 US standard population		
Counts <6 and rates based on counts <10 are suppressed		
*Rates based on 10-19 cases are not statistically reliable & should be used with caution		

Table A4: Exposure to Natural Forces Death Counts & Rates, by Region

Table A4 Exposure to Natural Forces		
2014-2023		
Region	Alaska Native	
	Count	Rate
Anchorage	27	8.8
Interior	17	11*
Northwest Arctic	10	14.7*
Norton Sound	16	21.4*
Yukon-Kuskokwim	42	19.4
Data Source: Alaska Health Analytics and Vital Records		
Rates per 100,000; age-adjusted to the 2000 US standard population		
Counts <6 and rates based on counts <10 are suppressed		
*Rates based on 10-19 cases are not statistically reliable & should be used with caution		

Table A4: Fall Death Counts & Rates, by Region

Table A4 Fall		
2014-2023		
Region	Alaska Native	
	Count	Rate
Anchorage	17	7.5*
Interior	30	23.8
Southeast	25	18.7
Yukon-Kuskokwim	14	16.6*
Data Source: Alaska Health Analytics and Vital Records		
Rates per 100,000; age-adjusted to the 2000 US standard population		
Counts <6 and rates based on counts <10 are suppressed		
*Rates based on 10-19 cases are not statistically reliable & should be used with caution		

Table A5: Poisoning Death Counts & Rates, by Race & Sex, and Year Group

Table A5 Poisoning								
2012-2023								
Years	Alaska Native				Non-Alaska Native			
	Male		Female		Male		Female	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2012-2014	59	31.9	60	32.5	59	6.2	34	3.8
2015-2017	85	41.3	70	36.2	205	21.2	80	9.2
2018-2020	101	52.6	91	47.4	219	23.1	84	9.9
2021-2023	231	118.2	189	97.8	362	37.8	157	18.1
Data Source: Alaska Health Analytics and Vital Records								
Rates per 100,000; age-adjusted to the 2000 US standard population								
Counts <6 and rates based on counts <10 are suppressed								
*Rates based on 10-19 cases are not statistically reliable & should be used with caution								

Table A5: Suicide Death Counts & Rates, by Race & Sex, and Year Group

Table A5 Suicide								
2012-2023								
Years	Alaska Native				Non-Alaska Native			
	Male		Female		Male		Female	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2012-2014	123	55.7	27	12.9	106	11.2	22	2.3
2015-2017	150	66.6	53	24.5	308	33.5	81	9.2
2018-2020	184	81.7	52	22.9	293	31.1	71	7.8
2021-2023	172	77.2	68	31.8	319	33.8	64	7.5
Data Source: Alaska Health Analytics and Vital Records								
Rates per 100,000; age-adjusted to the 2000 US standard population								
Counts <6 and rates based on counts <10 are suppressed								
*Rates based on 10-19 cases are not statistically reliable & should be used with caution								

Table A5: Homicide Death Counts & Rates, by Race & Sex, and Year Group

Table A5 Homicide								
2012-2023								
Years	Alaska Native				Non-Alaska Native			
	Male		Female		Male		Female	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2012-2014	27	12.4	15	7.3*	13	1.3*		
2015-2017	54	25.4	27	12.7	78	8.3	35	4.4
2018-2020	52	26.3	34	16.1	76	8.4	27	3.1
2021-2023	63	29.8	24	10.6	65	7	33	3.9
Data Source: Alaska Health Analytics and Vital Records								
Rates per 100,000; age-adjusted to the 2000 US standard population								
Counts <6 and rates based on counts <10 are suppressed								
*Rates based on 10-19 cases are not statistically reliable & should be used with caution								

Table A5: Drowning Death Counts & Rates, by Race & Sex, and Year Group

Table A5 Drowning								
2012-2023								
Years	Alaska Native				Non-Alaska Native			
	Male		Female		Male		Female	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2012-2014	40	22.2			17	1.6*		
2015-2017	62	31.7	13	6.7*	43	4.4	13	1.6*
2018-2020	59	30	14	7.2*	43	4		
2021-2023	37	18.3	13	7.3*	37	3.8	18	2.2*
Data Source: Alaska Health Analytics and Vital Records								
Rates per 100,000; age-adjusted to the 2000 US standard population								
Counts <6 and rates based on counts <10 are suppressed								
*Rates based on 10-19 cases are not statistically reliable & should be used with caution								

Table A5: Motor Vehicle Death Counts & Rates, by Race & Sex, and Year Group

Table A5 Motor Vehicle								
2012-2023								
Years	Alaska Native				Non-Alaska Native			
	Male		Female		Male		Female	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2012-2014	14	6.5*	15	6.7*	36	3.4	13	1.4*
2015-2017	20	10.4	22	11.4	105	11.8	44	5.3
2018-2020	27	12.6	20	9.1	90	9.4	46	5.5
2021-2023	40	17.4			117	12	46	5.5
Data Source: Alaska Health Analytics and Vital Records								
Rates per 100,000; age-adjusted to the 2000 US standard population								
Counts <6 and rates based on counts <10 are suppressed								
*Rates based on 10-19 cases are not statistically reliable & should be used with caution								

Table A5: Exposure to Natural Forces Death Counts & Rates, by Race & Sex, and Year Group

Table A5 Exposure to Natural Forces								
2012-2023								
Years	Alaska Native				Non-Alaska Native			
	Male		Female		Male		Female	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2012-2014	17	9.8*						
2015-2017	33	15.8	10	5.2*	21	2		
2018-2020	22	12.4	10	5.5*	30	3.3		
2021-2023	33	15.6	13	7.1*	35	3.7	16	1.9*
Data Source: Alaska Health Analytics and Vital Records								
Rates per 100,000; age-adjusted to the 2000 US standard population								
Counts <6 and rates based on counts <10 are suppressed								
*Rates based on 10-19 cases are not statistically reliable & should be used with caution								

Table A5: Fall Death Counts & Rates, by Race & Sex, and Year Group

Table A5 Fall								
2012-2023								
Years	Alaska Native				Non-Alaska Native			
	Male		Female		Male		Female	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2012-2014	17	17.1*			14	2.6*	11	1.3*
2015-2017	18	14.6*	16	12.6*	102	17.1	56	7.8
2018-2020	16	18.7*	18	14.1*	83	11.8	55	7.6
2021-2023	22	18.2	22	14	89	11.6	78	10
Data Source: Alaska Health Analytics and Vital Records								
Rates per 100,000; age-adjusted to the 2000 US standard population								
Counts <6 and rates based on counts <10 are suppressed								
*Rates based on 10-19 cases are not statistically reliable & should be used with caution								

Table A6: Poisoning Death Counts & Rates, by Sex, and Age

Table A6 Poisoning 2014-2023				
Age	Male		Alaska Native Female	
	Count	Rate	Count	Rate
10-19	15	10.9*	13	10.4*
20-29	82	70.1	64	55.9
30-39	137	137.2	130	132.6
40-49	96	129.1	82	111.5
50-59	76	104.9	57	76.6
60-69	34	60.8	16	25.5*
Data Source: Alaska Health Analytics and Vital Records				
Rates per 100,000; age-adjusted to the 2000 US standard population				
Counts <6 and rates based on counts <10 are suppressed				
*Rates based on 10-19 cases are not statistically reliable & should be used with caution				

Table A6: Suicide Death Counts & Rates, by Sex, and Age

Table A6 Suicide 2014-2023				
Age	Male		Alaska Native Female	
	Count	Rate	Count	Rate
10-19	96	69.1	34	27
20-29	218	187	64	56.4
30-39	117	113.7	45	43.4
40-49	55	73.9	25	33.7
50-59	24	33.6		
60-69	18	32.7*		
70+	10	32*		
Data Source: Alaska Health Analytics and Vital Records				
Rates per 100,000; age-adjusted to the 2000 US standard population				
Counts <6 and rates based on counts <10 are suppressed				
*Rates based on 10-19 cases are not statistically reliable & should be used with caution				

Table A6: Homicide Death Counts & Rates, by Sex, and Age

Table A6 Homicide 2014-2023				
Age	Male		Alaska Native Female	
	Count	Rate	Count	Rate
10-19			13	10.2*
20-29	50	42.8	22	19.3
30-39	58	57.7	24	22.7
40-49	24	32.3	12	16.3*
50-59	17	22.4*	10	13.5*
Data Source: Alaska Health Analytics and Vital Records				
Rates per 100,000; age-adjusted to the 2000 US standard population				
Counts <6 and rates based on counts <10 are suppressed				
*Rates based on 10-19 cases are not statistically reliable & should be used with caution				

Table A6: Drowning Death Counts & Rates, by Sex, and Age

Table A6 Drowning				
2014-2023				
Age	Male		Alaska Native Female	
	Count	Rate	Count	Rate
20-29	39	33.3		
30-39	45	45.7		
40-49	30	40.3	10	13.7*
50-59	25	34.8		
60-69	15	27.9*		
Data Source: Alaska Health Analytics and Vital Records				
Rates per 100,000; age-adjusted to the 2000 US standard population				
Counts <6 and rates based on counts <10 are suppressed				
*Rates based on 10-19 cases are not statistically reliable & should be used with caution				

Table A6: Motor Vehicle Death Counts & Rates, by Sex, and Age

Table A6 Motor Vehicle 2014-2023				
Age	Male		Alaska Native Female	
	Count	Rate	Count	Rate
10-19	14	10.1*	10	7.9*
20-29	32	27.4	16	14*
30-39	13	13.4*		
50-59	11	13.6*		
Data Source: Alaska Health Analytics and Vital Records				
Rates per 100,000; age-adjusted to the 2000 US standard population				
Counts <6 and rates based on counts <10 are suppressed				
*Rates based on 10-19 cases are not statistically reliable & should be used with caution				

Table A6: Exposure to Natural Forces Death Counts & Rates, by Sex, and Age

Table A6 Exposure to Natural Forces 2014-2023				
Age	Male		Alaska Native Female	
	Count	Rate	Count	Rate
20-29	14	12*		
30-39	22	22.9		
50-59	21	27.1		
60-69	17	30.7*		
Data Source: Alaska Health Analytics and Vital Records				
Rates per 100,000; age-adjusted to the 2000 US standard population				
Counts <6 and rates based on counts <10 are suppressed				
*Rates based on 10-19 cases are not statistically reliable & should be used with caution				

Table A6: Fall Death Counts & Rates, by Sex, and Age

Table A6 Fall 2014-2023				
Age	Alaska Native			
	Male		Female	
	Count	Rate	Count	Rate
70+	37	154.8	36	100.7
Data Source: Alaska Health Analytics and Vital Records				
Rates per 100,000; age-adjusted to the 2000 US standard population				
Counts <6 and rates based on counts <10 are suppressed				
*Rates based on 10-19 cases are not statistically reliable & should be used with caution				



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