Statewide Data
Intentional Injury Mortality

Updated: 5/22/2015

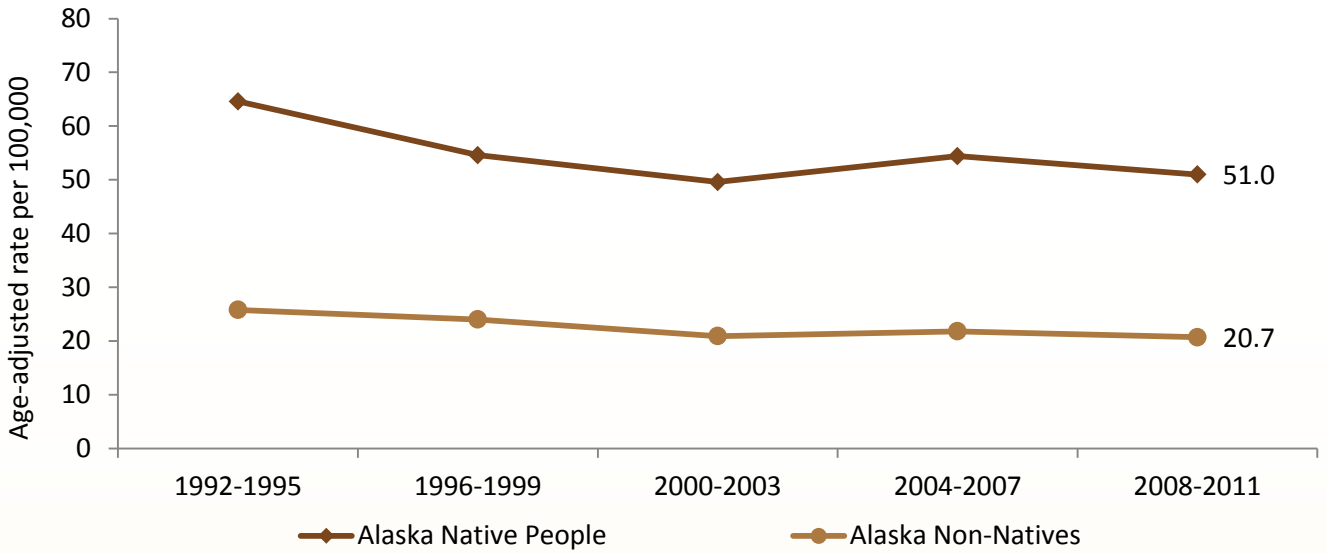
Definition: The ***intentional injury mortality*** rate is defined as the total number of deaths due to intentional injuries per 100,000 population. Intentional death due to injury are purposeful or deliberate harm caused by someone to themselves or another person, and include homicide or suicide.

Summary:

- Between 1992-1995 and 2008-2011, the intentional injury death rate decreased 21.1% among Alaska Native people (64.6 and 51.0 per 100,000, respectively, $p<0.05$).
- During 2002-2011, there were 603 Alaska Native deaths from intentional injuries. This represented 35.1% of all injury deaths (1,718).
- Alaska Native people statewide were 2.4 times more likely to die from intentional injuries than non-Native people (51.6 and 21.4 per 100,000 respectively, $p<0.05$).
- The leading cause of intentional injury death was suicide (79.3%). Homicide accounted for the remaining 20.7% of intentional injury deaths.
- Alaska Native people aged 20-29 years had the highest intentional injury death rate of any age group (133.4 per 100,000). The rate for this age group was 2.6 times the age-adjusted rate for all ages (51.6 per 100,000, $p<0.05$).
- Alaska Native males had an intentional mortality rate that was 2.9 times that of Alaska Native females (77.0 and 27.0 per 100,000, respectively, $p<0.05$).
- Intentional injury mortality rates varied from 28.9 to 97.4 per 100,000 by tribal health region.

Age-Adjusted Intentional Injury Mortality Rates per 100,000, 1992-2011

Data Source: Alaska Bureau of Vital Statistics



Adapted from the Alaska Native Injury Prevention Program and Alaska Native Epidemiology Center report Alaska Native Injury Atlas: An Update. Available online at www.anthctoday.org/epicenter/publications/injury_atlas/index.html

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Age-Adjusted Intentional Injury Mortality Rates per 100,000, 1992-2011

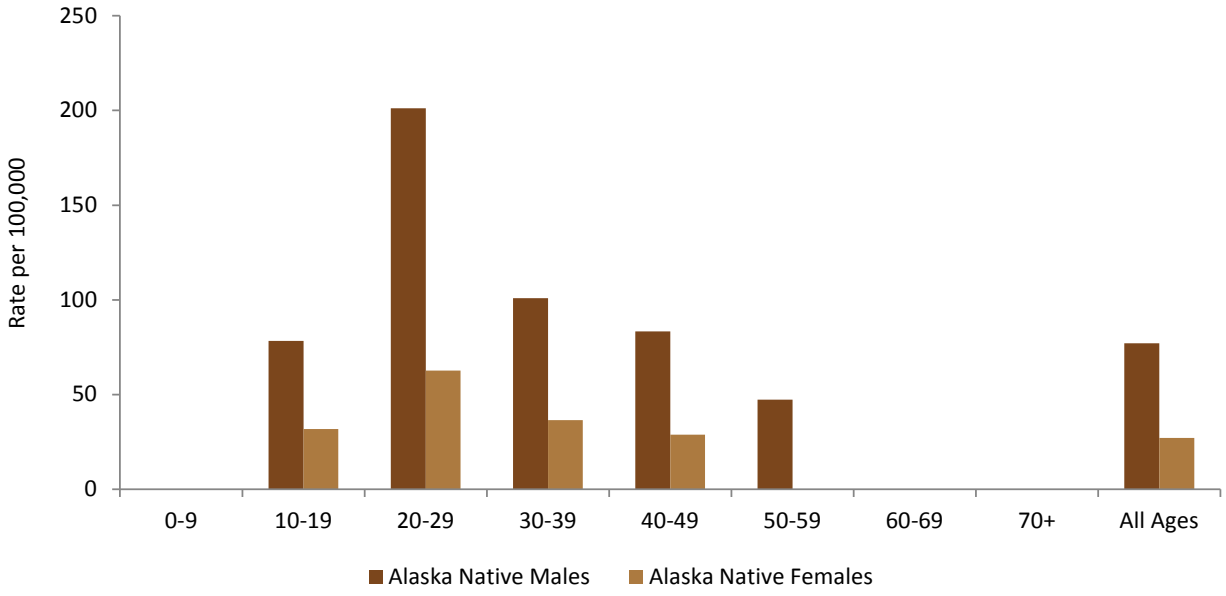
Data source: Alaska Bureau of Vital Statistics

	Alaska Native People		Alaska Non-Natives	
	Number	Rate	Number	Rate
1992-1995	251	64.6	511	25.8
1996-1999	227	54.6	467	24.0
2000-2003	225	49.6	434	20.9
2004-2007	247	54.4	486	21.8
2008-2011	247	51.0	507	20.7

Age-Specific Intentional Injury Mortality Rates, by Gender, 2002-2011

Data Source: Alaska Bureau of Vital Statistics

Note: Data is not shown if the number of deaths is <10. Rates based on fewer than 20 deaths may be statistically unreliable and should be used with caution.



	Alaska Native Males		Alaska Native Females		Alaska Native Total	
	Number	Rate	Number	Rate	Number	Rate
0-9	-	-	-	-	-	-
10-19	98	78.3	38	31.7	136	55.5
20-29	171	201.2	51	62.6	222	133.4
30-39	72	100.9	26	36.4	98	68.6
40-49	63	83.3	22	28.8	85	56.0
50-59	27	47.3	-	-	33	28.6
60-69	-	-	-	-	14	23.1
70+	-	-	-	-	-	-
All Ages	**448**	**77.0**	**155**	**27.0**	**603**	**52.2**

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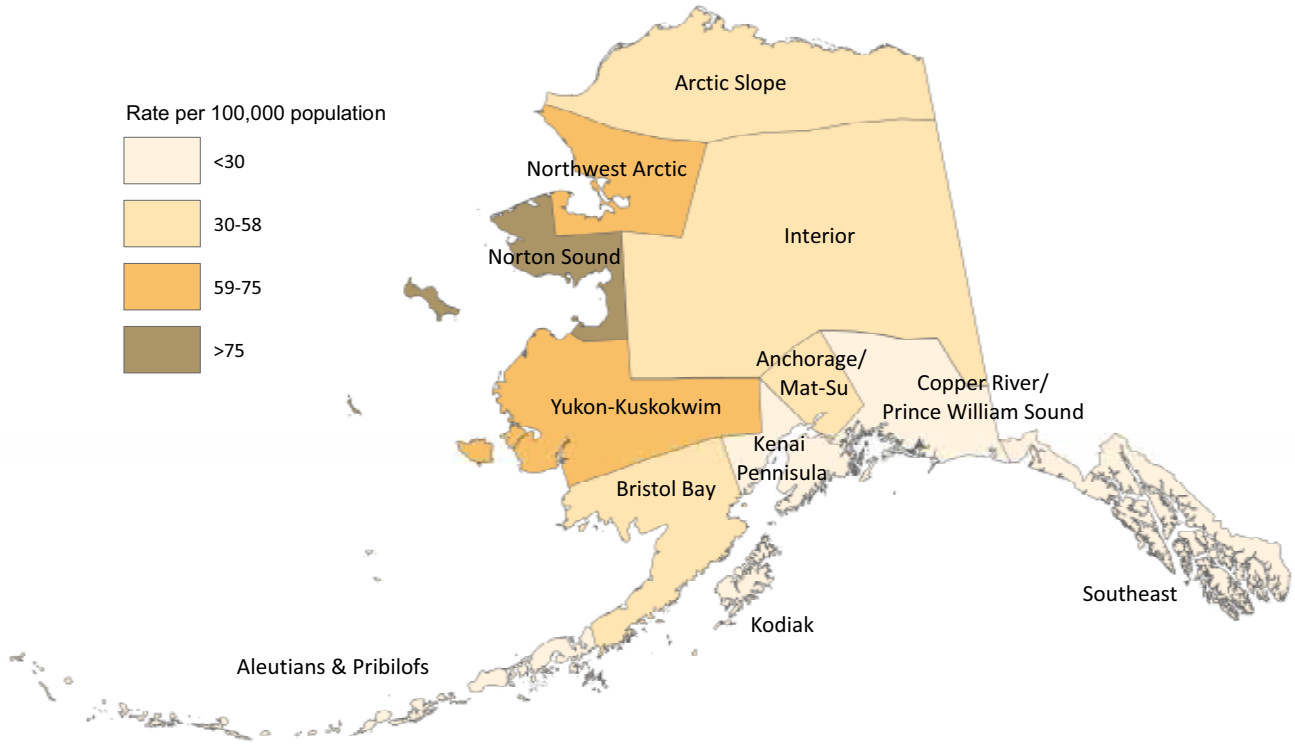
Intentional Injury Mortality Rates by Region, 2002-2011

Data Source: Alaska Bureau of Vital Statistics

Note: Rates based on fewer than 20 deaths may be statistically unreliable and should be used with caution.



	Alaska Native People	
	Number	**Rate**
Norton Sound	75	97.4
Northwest Arctic	50	74.8
Yukon-Kuskokwim	156	72.2
Arctic Slope	30	58.2
Interior	67	50.4
Anchorage/Mat-Su	137	42.4
Bristol Bay	16	33.3
Kenai Peninsula	15	29.3
Southeast	40	28.9
Aleutians & Pribilofs	-	-
Copper River/ Prince William Sound	-	-
Kodiak	-	-
Statewide	**603**	**51.6**

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