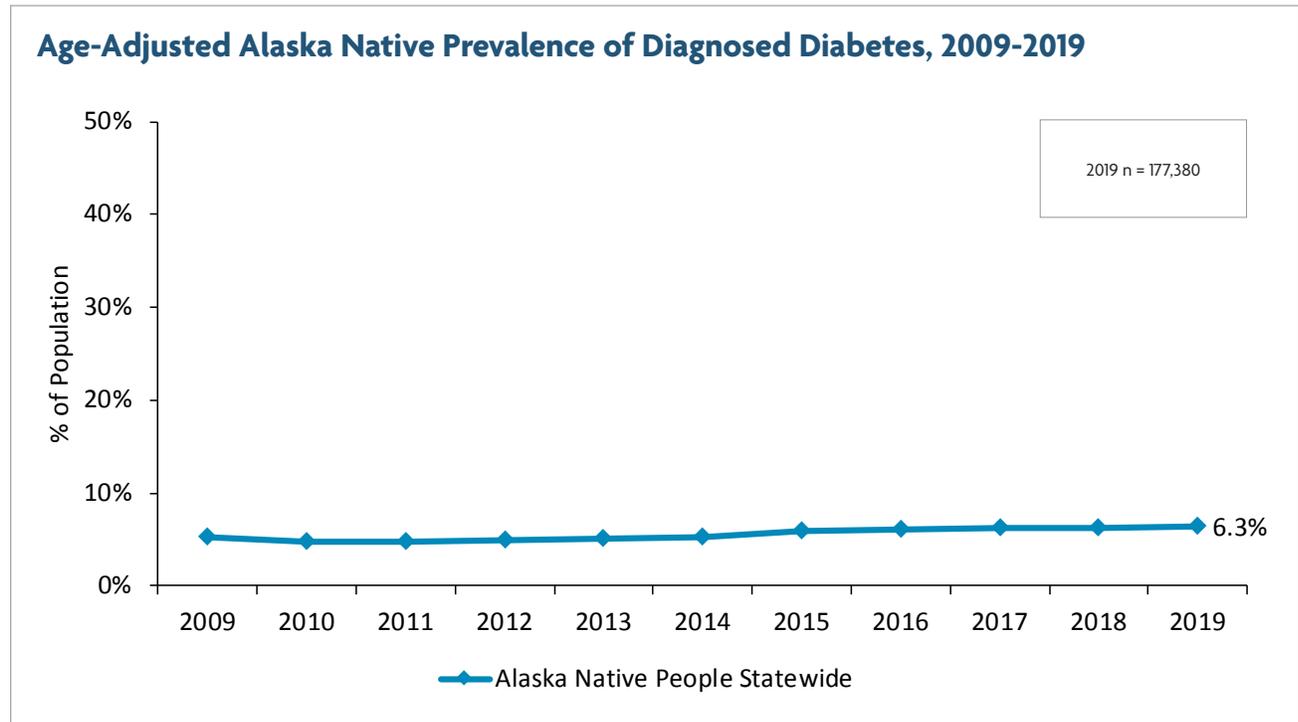


Diabetes Prevalence



Data Source: Alaska Native Medical Center Diabetes Registry
Table C-45

Definition

Diabetes mellitus is a group of metabolic diseases characterized by high blood sugar levels during a prolonged period of time. When you have diabetes, either your body doesn't make enough insulin or can't use its own insulin as well as it should. This causes sugar to build up in the blood and can lead to serious health complications including heart disease, blindness, kidney failure, and lower-extremity amputations.⁵

Diabetes prevalence is the number of Alaska Native people living with diabetes during a specific time period expressed as a percentage of the Alaska Area Indian Health Service (IHS) estimated population. The estimated population is a statistical projection based on the U.S. decennial census (2010).

Related Objectives

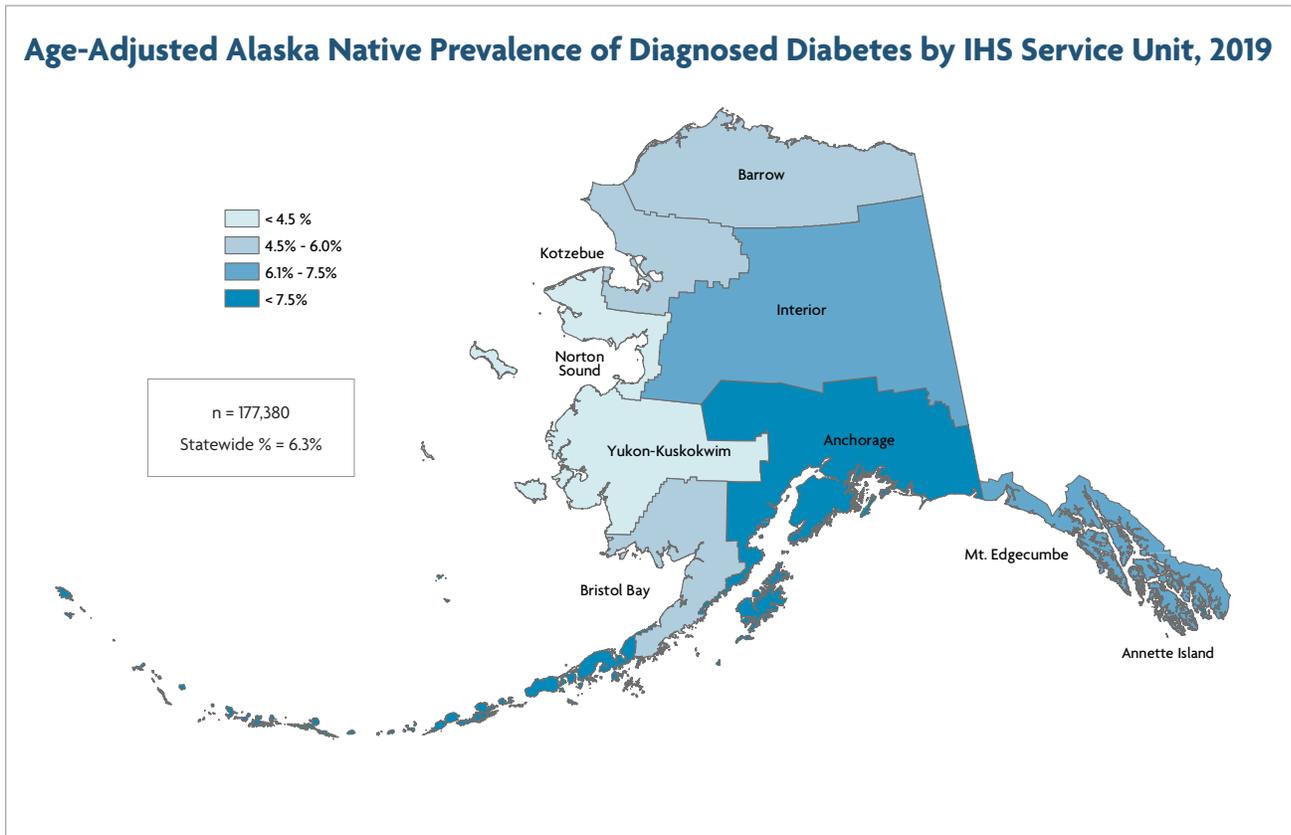
Reduce the number of diabetes cases diagnosed yearly to 5.6 per 1,000 population. - *HEALTHY PEOPLE 2030, OBJECTIVE D-01*

Summary

- » The statewide age-adjusted prevalence of Alaska Native people diagnosed with diabetes was 6.3% in 2019.
- » Between 2009 and 2019, statewide Alaska Native diabetes prevalence increased 21% from 5.2% to 6.3%.
- » Diabetes prevalence varied by IHS Service Unit area, ranging from a low of 3.7% in the Norton Sound Service Unit to a high of 11.0% in the Annette Island Service Unit.

Diabetes Prevalence

Age-Adjusted Alaska Native Prevalence of Diagnosed Diabetes by IHS Service Unit, 2019



Data Source: Alaska Native Medical Center Diabetes Registry
Table C-46

Diabetes Prevalence

Table C-45: Age-Adjusted Alaska Native Prevalence of Diagnosed Diabetes, 2009-2019

	Alaska Native People Statewide	
	Number	%
2009	3,938	5.2%
2010	4,178	4.7%
2011	4,411	4.8%
2012	4,599	5.0%
2013	4,839	5.1%
2014	5,056	5.2%
2015	5,739	5.8%
2016	6,026	6.1%
2017	6,247	6.2%
2018	6,435	6.2%
2019	6,602	6.3%

Table C-46: Age-Adjusted Alaska Native Prevalence of Diagnosed Diabetes by IHS Service Unit, 2019

	Alaska Native People Statewide (All Ages)	
	Number	%
Annette Island	145	11.0%
Anchorage	2,942	8.1%
Interior	804	6.9%
Mt. Edgecumbe	956	6.8%
Dillingham	296	5.6%
Barrow	218	5.5%
Kotzebue	283	4.6%
Bethel	709	4.0%
Norton Sound	249	3.7%
Statewide	6,602	6.3%

Data Source: Alaska Native Medical Center Diabetes Registry

5 Centers for Disease Control and Prevention. (2021). Basics About Diabetes. Retrieved from www.cdc.gov/diabetes/basics/index.html