

10 Leading causes of death among American Indians by year, South Dakota, 2004–2018 (American Indian-Alone or in Combination)

Rank	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Accidents 100	Heart 91	Accident 88	Heart 81	Heart 75	Heart 100	Cancer 84	Accident 81	Cancer 112	Cancer 91	Heart 89	Heart 101	Accident 106	Accident 118	Heart 128
2	Heart 99	Cancer 82	Heart 78	Accident 72	Cancer 71	Accident 81	Heart 76	Heart 79	Heart 92	Heart 91	Cancer 88	Accident 98	Heart 99	Heart 111	Cancer 113
3	Cancer 79	Accidents 80	Cancer 76	Cancer 63	Accident 59	Cancer 77	Accident 73	Cancer 77	Accident 83	Accident 78	Accident 69	Cancer 91	Cancer 90	Cancer 108	Accident 88
4	Diabetes 42	Diabetes 48	Liver 38	Diabetes 44	Liver 40	Suicide 34	Diabetes 51	Diabetes 43	Liver 47	Liver 58	Liver 65	Diabetes 57	Liver 60	Liver 63	Liver 84
5	Liver 36	Liver 32	Diabetes 36	Liver 38	Diabetes 33	Liver 32	Liver 30	Liver 37	Diabetes 38	Diabetes 41	Diabetes 44	Liver 55	Diabetes 55	Diabetes 60	Diabetes 71
6	Suicide 25	CLRD 22	Suicide 21	CLRD 21	CLRD 27	Diabetes 28	Suicide 23	Suicide 22	Suicide 22	Suicide 24	Suicide 26	Suicide 53	Suicide 43	Suicide 47	Suicide 36
7	CLRD 18	Suicide 18	Stroke 19	Suicide 20	Suicide 27	CLRD 24	CLRD 16	CLRD 20	CLRD 20	Stroke 23	Stroke 20	CLRD 23	I & P 25	CLRD 36	CLRD 27
8	I & P 17	Homicide 13	CLRD 14	Stroke 16	Stroke 16	Stroke 19	Septicemia 14	Stroke 17	Stroke 15	Other Liver 16	CLRD 15	Stroke 19	CLRD 25	Stroke 21	Septicemia 20
9	Homicide 17	Stroke 13	Homicide 13	I & P 14	I & P 16	Homicide 16	Stroke 13	I & P 16	I & P 14	I & P 15	Septicemia 14	I & P 17	Homicide 18	I & P 18	I & P 17
10	Kidney 16	I & P 10			CCCP 11	Kidney 11	Kidney 12			CLRD 15		Homicide 16	Kidney 18	Homicide 15	
Total	575	529	516	512	531	540	577	561	614	609	619	699	712	774	772
CDR	734	675	659	654	678	689	737	695	743	720	722	805	814	876	863

ICD-10 codes 1999-2017.

Heart: Heart disease

CLRD: Chronic lower respiratory disease, also as COPD chronic obstructive pulmonary disease

Liver: Chronic liver disease and cirrhosis

Kidney: Nephritis, nephrotic syndrome and nephrosis

CDR: Crude death rate per 100,000 population

Cancer: Malignant neoplasms

I & P: Influenza and pneumonia

EHPRD: Essential (primary) Hypertension & Hypertensive Renal Disease

Senility: Senile and presenile organic psychotic conditions

AAJR: Age-adjusted death rate per 100,000 population

Stroke: Cerebrovascular diseases

Mental: Organic, including symptomatic, mental disorders

CCPP: Certain Conditions Originating in the Perinatal Period

Local physicians or coroners submit death certificates to the South Dakota Department of Health. Over the past 15 years, 2004-2018, the three most common causes of death were heart disease, cancer, and accidents. During this time period heart disease deaths and cancer deaths have increased.

Deaths by age group during the 10-year period, 2009-2018, show accidental deaths as the leading cause of death in children and young adults in the 1-34 year age groups, liver disease is the most common in the 35-54 year age group, cancer death is most common in the 55-84 year age groups, and heart disease death is most common among older South Dakotans 85 years and older.

10 Leading causes of death by age group among American Indians, South Dakota, 2009-2018

Rank	Age Groups											Total
	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
	Total 245	Total 64	Total 73	Total 394	Total 480	Total 631	Total 965	Total 1,160	Total 1,094	Total 875	Total 496	Total 6,477
1	Conditions originating in perinatal period 87	Accidents 27	Accidents 29	Accidents 169	Accidents 169	Liver disease 133	Liver disease 161	Cancer 219	Cancer 285	Cancer 203	Heart disease 108	Heart disease 973
2	Accidents 40	Homicide 10	Suicide 27	Suicide 144	Suicide 87	Accidents 132	Heart disease 134	Heart disease 218	Heart disease 233	Heart disease 177	Cancer 61	Cancer 938
3	Congenital abnormalities 36	Congenital abnormalities 5	Cancer 3	Homicide 32	Liver disease 56	Heart disease 67	Accidents 126	Diabetes 125	Diabetes 105	Diabetes 92	Chronic lower respiratory diseases 43	Accidents 887
4	SIDS 28	Unknown causes 4	Homicide 3	Heart disease 11	Homicide 35	Diabetes 44	Cancer 114	Accidents 107	Chronic lower respiratory disease 67	Chronic lower respiratory disease 61	Diabetes 34	Liver disease 532
5	Unknown causes 16	Other disorders of the nervous system 2	Stroke 2	Cancer 7	Heart disease 21	Suicide 42	Diabetes 76	Liver Disease 106	Liver disease 52	Stroke 39	Influenza & pneumonia 28	Diabetes 492
6	Homicide 10	Influenza & pneumonia 2	Septicemia 2	Legal intervention 5	Diabetes 14	Cancer 34	Suicide 26	Stroke 41	Accidents 47	Influenza & pneumonia 32	Stroke 27	Suicide 337
7	Influenza & pneumonia 6	Undetermined intent 2		Cerebral palsy 3	Cancer 9	Homicide 21	Septicemia 25	Chronic lower respiratory diseases 41	Stroke 36	Accidents 27	Unspecified dementia 24	Chronic lower respiratory diseases 233
8	Undetermined Intent 4	Other disease of blood & blood forming organs 2			Influenza & pneumonia 8	Septicemia 19	Mental & behavioral disorders due to alcohol 24	Septicemia 34	Kidney disease 35	Kidney disease 23	Alzheimer's 22	Stroke 180
9	Cancer 2				Septicemia 7	Mental & behavioral disorders due to alcohol 11	Stroke 23	Other diseases of the liver 25	Influenza & pneumonia 28	Liver disease 19	Accidents 14	Influenza & pneumonia 157
10	Other metabolic disorders 2				Kidney disease 5	Other diseases of the liver 11	Other diseases of the liver 22	Influenza & pneumonia 22	Other pulmonary disease with fibrosis 18	Septicemia 18	Malnutrition 12	Homicide 137
11	Heart disease 2				Cerebral palsy 5		Influenza & pneumonia 22					
	All other 12	All other 10	All other 7	All other 23	All other 64	All other 117	All other 212	All other 222	All other 188	All other 184	All other 123	All other 1,611

Top 5 causes of death are highlighted.