

10 Leading causes of death among American Indians by year, South Dakota, 2006–2022

Rank	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	Heart 75	Heart 79	Heart 70	Heart 94	Cancer 84	Heart 79	Cancer 107	Cancer 89	Heart 82	Heart 92	Heart 90	Heart 103	Heart 123	Heart 98	COVID-19 206	Liver 175	Liver 144
2	Cancer 72	Cancer 61	Cancer 64	Cancer 69	Heart 76	Cancer 76	Heart 87	Heart 84	Cancer 80	Cancer 77	Cancer 86	Cancer 96	Cancer 105	Cancer 91	Heart 117	Heart 127	Heart 131
3	MVA 50	Diabetes 44	Liver 39	MVA 41	Diabetes 51	Diabetes 43	Liver 47	Liver 55	Liver 59	Diabetes 53	Liver 58	Liver 62	Liver 79	Liver 64	Liver 109	COVID-19 111	Cancer 103
4	Liver 38	Liver 38	Diabetes 33	Suicide 33	Liver 29	Liver 37	Diabetes 37	MVA 39	Diabetes 42	Liver 52	Diabetes 50	Diabetes 56	Diabetes 70	Diabetes 56	Cancer 101	Diabetes 87	Diabetes 74
5	Diabetes 36	MVA 34	Suicide 26	Liver 30	MVA 29	MVA 30	MVA 34	Diabetes 37	MVA 25	Suicide 47	MVA 38	MVA 48	MVA 45	Suicide 28	Diabetes 82	Cancer 86	MVA 62
6	Suicide 20	CLRD 19	CLRD 25	Diabetes 27	Suicide 23	Suicide 23	Suicide 19	Suicide 21	Suicide 20	MVA 41	Suicide 33	Suicide 44	Suicide 34	MVA 27	Suicide 42	MVA 61	COVID-19 62
7	Stroke 18	Suicide 17	MVA 22	CLRD 20	CLRD 16	CLRD 21	CLRD 19	Stroke 21	Stroke 20	CLRD 19	I & P 22	CLRD 31	CLRD 25	CLRD 23	MVA 39	Suicide 50	Suicide 43
8	CLRD 14	Stroke 16	Stroke 16	Stroke 16	Septicemia 14	Stroke 17	Stroke 15	CLRD 15	Septicemia 13	Stroke 16	CLRD 21	Stroke 21	Septicemia 20	Stroke 21	Stroke 31	CLRD 34	Homicide 35
9	Homicide 13	I & P 12	I & P 15	Homicide 16	Stroke 13	I & P 16	I & P 13	I & P 15	CLRD 12	I & P 16	Homicide 18	I & P 18	I & P 16	Drug 18	Homicide 29	Drug 25	Drug 23
10	Septicemia 10	Septicemia 9	Alcohol 9	Septicemia 10	Falls 12	Homicide 11	Falls 11	Homicide 12	I & P 12	Septicemia 14	Kidney 18	Falls 14	Stroke 14	I & P 17	Septicemia 21	Alcohol 24	CLRD 22
Total	498	488	493	498	532	524	580	568	560	636	649	714	732	688	1,086	1,102	1,013
CDR'	774	750	750	750	765	749	820	799	786	888	898	982	1,002	936	1,488	1,504	1,445
AA DR'	1,347	1,392	1,318	1,250	1,339	1,266	1,343	1,322	1,280	1,354	1,406	1,517	1,549	1,392	2,174	2,140	1,993

Heart: Heart disease
 CLRD: Chronic lower respiratory disease, (Chronic obstructive pulmonary disease)
 Liver: Chronic liver disease and cirrhosis
 Kidney: Kidney disease

CDR: Crude death rate per 100,000 population
 MVA: Motor vehicle accidents
 I & P: Influenza and pneumonia
 Alcohol: Chronic alcohol abuse

AA DR: Age-adjusted death rate per 100,000 population
 Falls: Accidental falls
 Drug: Accidental drug overdose

Local physicians or coroners submit death certificates to the South Dakota Department of Health. Over the past 17 years, 2006-2022, the leading causes of death in any given year have been heart disease, cancer, COVID-19, and chronic liver disease and cirrhosis. Over this time period, chronic liver disease moved up from generally being the 4th leading cause to the leading cause in 2021 and 2022.

Age-grouped deaths during the 10-year period, 2013-2022, show motor vehicle accidents as the leading cause of death in children 1-9 years of age, and young adults 20-29 years old. Suicide was the leading cause in those 10-19 years old. Chronic liver disease was the leading cause for 30-59 year olds, while COVID-19 caused more deaths from 2020-2022 for 60-89 year olds than the average of the next highest cause for the previous ten years. Heart disease was most common in the 90+ age group.

Source: Office of Health Statistics, SD Dept. of Health



10 Leading causes of death by age group among American Indians, South Dakota, 2013-2022 Average Deaths per Year

Rank	Age Groups											Total
	<1	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90+	
	Yearly Average 22	Yearly Average 9	Yearly Average 22	Yearly Average 52	Yearly Average 80	Yearly Average 96	Yearly Average 141	Yearly Average 137	Yearly Average 121	Yearly Average 72	Yearly Average 23	Yearly Average 775
1	Congenital malformation 3	Motor vehicle accident 2	Suicide 12	Motor vehicle accident 13	Chronic liver disease 18	Chronic liver disease 23	Chronic liver disease 25	COVID-19 (2020-2022) 36	COVID-19 (2020-2022) 32	COVID-19 (2020-2022) 15	Heart disease 5	COVID-19 (2020-2022) 126
2	Short gestation and low birth weight 3	Homicide 2	Motor vehicle accident 4	Suicide 12	Motor vehicle accident 9	Heart disease 11	COVID-19 (2020-2022) 22	Heart disease 27	Cancer 26	Heart disease 14	COVID-19 (2020-2022) 2	Heart disease 105
3	SIDS 3		Homicide 2	Chronic liver disease 5	COVID-19 (2020-2022) 7	COVID-19 (2020-2022) 10	Heart disease 20	Cancer 26	Heart disease 22	Cancer 11	Chronic lower respiratory diseases 2	Cancer 91
4	Suffocation in bed 2			Homicide 4	Suicide 6	Diabetes 9	Cancer 17	Diabetes 14	Diabetes 13	Diabetes 7	Cancer 2	Chronic liver disease 86
5	Undetermined cause 2			Accidental drug overdose 3	Accidental drug overdose 5	Motor vehicle accident 5	Diabetes 13	Chronic liver disease 11	Chronic lower respiratory diseases 7	Chronic lower respiratory diseases 5	Alzheimer's disease 2	Diabetes 61
6	Placenta, cord, and membrane complications 1			Heart disease 2	Homicide 5	Cancer 4	Motor vehicle accident 5	Chronic lower respiratory diseases 5	Chronic liver disease 4	Stroke 3	Dementia 2	Motor vehicle accident 43
7				COVID-19 (2020-2022) 2	Heart disease 5	Suicide 3	Stroke 4	Stroke 4	Stroke 4	Influenza & pneumonia 3	Influenza & pneumonia 1	Suicide 36
8				Accidental alcohol poisoning 1	Diabetes 4	Chronic alcohol abuse 3	Septicemia 3	Septicemia 3	Influenza & pneumonia 3	Alzheimer's disease 3	Stroke 1	Chronic lower respiratory diseases 22
9				Exposure to natural cold 1	Cancer 3	Homicide 2	Chronic lower respiratory diseases 3	Motor vehicle accident 3	Kidney disease 3	Dementia 2		Stroke 19
10					Septicemia 2	Accidental drug overdose 2	Chronic alcohol abuse 3	Influenza & pneumonia 3	Septicemia 2	Kidney disease 2		Homicide 18

Top 5 causes of death are highlighted.

Source: Office of Health Statistics, SD Dept. of Health