

# 10 Leading causes of death by year, South Dakota, 2007–2023

Rank	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
1	Heart 1,623	Heart 1,677	Heart 1,778	Cancer 1,651	Cancer 1,656	Heart 1,652	Heart 1,617	Heart 1,695	Heart 1,712	Heart 1,732	Cancer 1,717	Heart 1,797	Heart 1,840	Heart 1,819	Cancer 1,740	Heart 1,835	Heart 1,783
2	Cancer 1,606	Cancer 1,561	Cancer 1,506	Heart 1,611	Heart 1,615	Cancer 1,623	Cancer 1,574	Cancer 1,679	Cancer 1,632	Cancer 1,691	Heart 1,708	Cancer 1,632	Cancer 1,736	Cancer 1,728	Heart 1,691	Cancer 1,687	Cancer 1,739
3	CLRD 458	CLRD 486	CLRD 440	CLRD 451	CLRD 485	CLRD 479	Alzheimer's 420	CLRD 440	CLRD 500	Alzheimer's 449	CLRD 505	CLRD 498	CLRD 521	COVID-19 1,497	COVID-19 776	COVID-19 448	CLRD 424
4	Stroke 408	Alzheimer's 401	Stroke 417	Stroke 411	Stroke 442	Alzheimer's 462	Stroke 414	Stroke 439	Alzheimer's 421	CLRD 427	Alzheimer's 444	Alzheimer's 437	Alzheimer's 496	Alzheimer's 488	CLRD 464	Alzheimer's 436	Alzheimer's 398
5	Alzheimer's 345	Stroke 391	Alzheimer's 402	Alzheimer's 401	Alzheimer's 423	Stroke 410	CLRD 413	Alzheimer's 433	Stroke 381	Stroke 420	Stroke 410	Stroke 387	Stroke 373	CLRD 429	Alzheimer's 396	CLRD 415	Stroke 381
6	Diabetes 246	Diabetes 216	Diabetes 200	Diabetes 241	Diabetes 267	Diabetes 219	Diabetes 239	Diabetes 223	Diabetes 282	Diabetes 253	Diabetes 262	Diabetes 252	Diabetes 287	Stroke 426	Stroke 391	Stroke 393	Diabetes 263
7	I & P 189	I & P 186	I & P 135	I & P 166	Dementia 184	I & P 188	I & P 186	Dementia 188	I & P 213	I & P 195	I & P 217	I & P 246	Falls 203	Diabetes 329	Liver 329	Diabetes 336	Dementia 255
8	MVA 145	Dementia 130	MVA 133	Dementia 151	I & P 178	Dementia 183	MVA 149	I & P 180	Dementia 198	Dementia 192	Falls 196	Dementia 212	I & P 189	Liver 235	Diabetes 306	Liver 281	Liver 235
9	Falls 130	MVA 125	Dementia 132	MVA 141	Falls 146	Falls 143	Suicide 147	Falls 170	Falls 181	Falls 185	Suicide 192	Liver 185	Suicide 185	Falls 217	Falls 229	Falls 219	Falls 189
10	Suicide 101	Falls 124	Suicide 128	Suicide 139	Suicide 125	MVA 142	Falls 146	MVA 151	Suicide 173	Suicide 161	Dementia 183	Suicide 168	Liver 154	Dementia 194	Suicide 202	Dementia 199	Suicide 180
Total	6,800	7,056	6,913	7,087	7,271	7,283	7,079	7,500	7,724	7,838	7,991	7,971	8,273	9,857	9,183	8,955	8,500
CDR*	853	877	851	870	882	874	838	879	900	906	919	904	935	1,104	1,026	984	925
AA DR*	695	712	689	713	716	707	677	710	715	719	736	716	740	867	858	796	749

Highlighted areas indicate the highest rank from 2007-2023 for the given cause of death. Tie breaker goes to highest percentage of total deaths.

Heart: Heart disease

CLRD: Chronic lower respiratory disease, (Chronic obstructive pulmonary disease)

Liver: Chronic liver disease and cirrhosis

CDR: Crude death rate per 100,000 population

MVA: Motor vehicle accidents

I & P: Influenza and pneumonia

Falls: Accidental falls

AA DR: Age-adjusted death rate per 100,000 population

Local physicians or coroners submit death certificates to the South Dakota Department of Health. Over the past 17 years, 2007-2023, the two most common causes of death were heart disease and cancer. During this time period, influenza and pneumonia went from generally being the 7th leading cause to the 12th leading cause. Similarly, chronic liver disease and cirrhosis went from generally being the 13th leading cause to the 8th leading cause.

Age-grouped deaths during the 5 years from 2019-2023 show motor vehicle accidents as the leading cause for 1-9-year-olds, suicide for 10-29-year-olds, chronic liver disease and cirrhosis for 30-49-year-olds, cancer for 50-79-year-olds, and heart disease for those 80 years old or older.

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

# Leading causes of death by age group, South Dakota, 2019-2023

## 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 78	Yearly Average 25	Yearly Average 60	Yearly Average 154	Yearly Average 261	Yearly Average 352	Yearly Average 687	Yearly Average 1,381	Yearly Average 1,926	Yearly Average 2,313	Yearly Average 1,718	Yearly Average 8,954
1	Congenital malformations 19	Motor vehicle accidents 3	Suicide 22	Suicide 43	Chronic liver disease 41	Chronic liver disease 53	Cancer 156	Cancer 406	Cancer 509	Heart disease 492	Heart disease 436	Heart disease 1,794
2	Short gestation and low birth weight 9	Accidental drowning 3	Motor vehicle accidents 16	Motor vehicle accidents 26	Suicide 34	Heart disease 49	Heart disease 126	Heart disease 283	Heart disease 384	Cancer 423	Alzheimer's disease 200	Cancer 1,726
3	SIDS 6	Homicide 3	Homicide 4	Accidental drug overdose 15	Motor vehicle accidents 25	Cancer 44	Chronic liver disease 62	COVID-19 (2020-2023) 113	COVID-19 (2020-2023) 169	COVID-19 (2020-2023) 205	Cancer 163	COVID-19 (2020-2023) 718
4	Accidental suffocation & strangulation in bed 6	Congenital malformations 2	Accidental drug overdose 2	Chronic liver disease 11	Accidental drug overdose 23	Suicide 27	COVID-19 (2020-2023) 51	Chronic lower respiratory diseases 69	Chronic lower respiratory diseases 144	Alzheimer's disease 185	COVID-19 (2020-2023) 146	Chronic lower respiratory diseases 451
5	Undetermined cause 5	Cancer 2	Cancer 2	Homicide 10	Cancer 18	Motor vehicle accidents 21	Diabetes 33	Diabetes 58	Diabetes 83	Chronic lower respiratory diseases 149	Stroke 112	Alzheimer's disease 443
6	Premature rupture of membranes 2	Undetermined cause 1	Heart disease 1	Heart disease 5	Heart disease 16	COVID-19 (2020-2023) 19	Suicide 27	Chronic liver disease 50	Stroke 78	Stroke 125	Dementia 98	Stroke 393
7	Homicide 1		Congenital malformations 1	Cancer 4	Homicide 12	Diabetes 18	Chronic lower respiratory diseases 22	Stroke 47	Alzheimer's disease 47	Dementia 71	Accidental falls 69	Diabetes 304
8	Hydrops fetalis 1		Accidental drowning 1	COVID-19 (2020-2023) 3	COVID-19 (2020-2023) 12	Accidental drug overdose 17	Motor vehicle accidents 20	Motor vehicle accidents 21	Accidental falls 35	Accidental falls 69	Chronic lower respiratory diseases 63	Chronic liver disease 247
9	Brain injury due to lack of oxygen or blood 1			Diabetes 3	Diabetes 7	Chronic alcohol abuse 10	Stroke 18	Septicemia 19	Septicemia 27	Diabetes 68	Hypertension 47	Accidental falls 211
10	Respiratory distress 1			Alcohol Poisoning/Exposure 3	Chronic alcohol abuse 6	Homicide 7	Chronic alcohol abuse 13	Suicide 19	Influenza & pneumonia 25	Parkinson's disease 49	Influenza & pneumonia 42	Dementia 198

Top 5 causes of death are highlighted.

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