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Table SD-2. Life table for males: South Dakota, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005138	100,000	514	99,555	7,413,214	74.1
1-2	0.000680	99,486	68	99,452	7,313,659	73.5
2-3	0.000666	99,419	66	99,385	7,214,207	72.6
3-4	0.000164	99,352	16	99,344	7,114,822	71.6
4-5	0.000325	99,336	32	99,320	7,015,477	70.6
5-6	0.000255	99,304	25	99,291	6,916,158	69.6
6-7	0.000214	99,278	21	99,268	6,816,867	68.7
7-8	0.000182	99,257	18	99,248	6,717,599	67.7
8-9	0.000158	99,239	16	99,231	6,618,351	66.7
9-10	0.000143	99,223	14	99,216	6,519,119	65.7
10-11	0.000141	99,209	14	99,202	6,419,903	64.7
11-12	0.000161	99,195	16	99,187	6,320,701	63.7
12-13	0.000211	99,179	21	99,169	6,221,513	62.7
13-14	0.000298	99,158	30	99,144	6,122,345	61.7
14-15	0.000419	99,129	42	99,108	6,023,201	60.8
15-16	0.000545	99,087	54	99,060	5,924,093	59.8
16-17	0.000683	99,033	68	99,000	5,825,033	58.8
17-18	0.000873	98,966	86	98,922	5,726,033	57.9
18-19	0.001121	98,879	111	98,824	5,627,111	56.9
19-20	0.001403	98,768	139	98,699	5,528,287	56.0
20-21	0.001719	98,630	170	98,545	5,429,588	55.1
21-22	0.002008	98,460	198	98,361	5,331,043	54.1
22-23	0.002201	98,263	216	98,154	5,232,681	53.3
23-24	0.002259	98,046	221	97,936	5,134,527	52.4
24-25	0.002217	97,825	217	97,716	5,036,591	51.5
25-26	0.002136	97,608	209	97,504	4,938,875	50.6
26-27	0.002086	97,399	203	97,298	4,841,371	49.7
27-28	0.002094	97,196	204	97,094	4,744,073	48.8
28-29	0.002196	96,993	213	96,886	4,646,979	47.9
29-30	0.002366	96,780	229	96,665	4,550,093	47.0
30-31	0.002553	96,551	247	96,427	4,453,428	46.1
31-32	0.002719	96,304	262	96,173	4,357,000	45.2
32-33	0.002888	96,042	277	95,904	4,260,827	44.4
33-34	0.002990	95,765	286	95,622	4,164,923	43.5
34-35	0.003090	95,478	295	95,331	4,069,302	42.6
35-36	0.003186	95,183	303	95,032	3,973,971	41.8
36-37	0.003295	94,880	313	94,724	3,878,939	40.9
37-38	0.003423	94,568	324	94,406	3,784,215	40.0
38-39	0.003581	94,244	338	94,075	3,689,809	39.2
39-40	0.003768	93,906	354	93,729	3,595,734	38.3
40-41	0.003985	93,553	373	93,366	3,502,004	37.4
41-42	0.004211	93,180	392	92,984	3,408,638	36.6
42-43	0.004429	92,787	411	92,582	3,315,655	35.7
43-44	0.004628	92,376	428	92,163	3,223,073	34.9
44-45	0.004827	91,949	444	91,727	3,130,910	34.1

Table SD-2. Life table for males: South Dakota, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.005060	91,505	463	91,274	3,039,183	33.2
46-47	0.005352	91,042	487	90,798	2,947,909	32.4
47-48	0.005694	90,555	516	90,297	2,857,111	31.6
48-49	0.006078	90,039	547	89,766	2,766,814	30.7
49-50	0.006492	89,492	581	89,201	2,677,049	29.9
50-51	0.006904	88,911	614	88,604	2,587,847	29.1
51-52	0.007345	88,297	649	87,973	2,499,243	28.3
52-53	0.007866	87,648	689	87,304	2,411,271	27.5
53-54	0.008481	86,959	738	86,590	2,323,967	26.7
54-55	0.009146	86,221	789	85,827	2,237,377	25.9
55-56	0.009833	85,433	840	85,013	2,151,549	25.2
56-57	0.010478	84,593	886	84,150	2,066,536	24.4
57-58	0.011027	83,707	923	83,245	1,982,387	23.7
58-59	0.011456	82,784	948	82,309	1,899,142	22.9
59-60	0.011817	81,835	967	81,352	1,816,832	22.2
60-61	0.012164	80,868	984	80,376	1,735,481	21.5
61-62	0.012575	79,884	1,005	79,382	1,655,104	20.7
62-63	0.013104	78,880	1,034	78,363	1,575,722	20.0
63-64	0.013806	77,846	1,075	77,309	1,497,359	19.2
64-65	0.014674	76,772	1,127	76,208	1,420,050	18.5
65-66	0.015597	75,645	1,180	75,055	1,343,842	17.8
66-67	0.016843	74,465	1,254	73,838	1,268,787	17.0
67-68	0.018100	73,211	1,325	72,548	1,194,949	16.3
68-69	0.019554	71,886	1,406	71,183	1,122,400	15.6
69-70	0.021231	70,480	1,496	69,732	1,051,217	14.9
70-71	0.023112	68,984	1,594	68,187	981,485	14.2
71-72	0.025179	67,390	1,697	66,541	913,299	13.6
72-73	0.027437	65,693	1,802	64,791	846,758	12.9
73-74	0.029926	63,890	1,912	62,934	781,966	12.2
74-75	0.032818	61,978	2,034	60,961	719,032	11.6
75-76	0.036235	59,944	2,172	58,858	658,071	11.0
76-77	0.040211	57,772	2,323	56,611	599,212	10.4
77-78	0.044707	55,449	2,479	54,210	542,602	9.8
78-79	0.049632	52,970	2,629	51,656	488,392	9.2
79-80	0.054811	50,341	2,759	48,962	436,736	8.7
80-81	0.060219	47,582	2,865	46,149	387,775	8.1
81-82	0.066085	44,717	2,955	43,239	341,626	7.6
82-83	0.072825	41,761	3,041	40,241	298,387	7.1
83-84	0.080341	38,720	3,111	37,165	258,146	6.7
84-85	0.088359	35,609	3,146	34,036	220,981	6.2
85-86	0.097353	32,463	3,160	30,883	186,945	5.8
86-87	0.108347	29,303	3,175	27,715	156,062	5.3
87-88	0.121474	26,128	3,174	24,541	128,347	4.9
88-89	0.136380	22,954	3,130	21,389	103,806	4.5
89-90	0.157487	19,823	3,122	18,262	82,418	4.2

Table SD-2. Life table for males: South Dakota, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.175015	16,701	2,923	15,240	64,155	3.8
91-92	0.193752	13,778	2,670	12,444	48,915	3.6
92-93	0.213623	11,109	2,373	9,922	36,472	3.3
93-94	0.234522	8,736	2,049	7,711	26,549	3.0
94-95	0.256308	6,687	1,714	5,830	18,838	2.8
95-96	0.278812	4,973	1,387	4,280	13,008	2.6
96-97	0.301839	3,587	1,083	3,045	8,728	2.4
97-98	0.325174	2,504	814	2,097	5,683	2.3
98-99	0.348588	1,690	589	1,395	3,586	2.1
99-100	0.371853	1,101	409	896	2,191	2.0
100 and older	1.000000	691	691	1,295	1,295	1.9

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

Table SD-3. Life table for females: South Dakota, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.007120	100,000	712	99,361	7,932,340	79.3
1-2	0.000876	99,288	87	99,244	7,832,979	78.9
2-3	0.000173	99,201	17	99,192	7,733,735	78.0
3-4	0.000514	99,184	51	99,158	7,634,542	77.0
4-5	0.000170	99,133	17	99,124	7,535,384	76.0
5-6	0.000164	99,116	16	99,108	7,436,259	75.0
6-7	0.000147	99,100	15	99,093	7,337,152	74.0
7-8	0.000136	99,085	13	99,079	7,238,059	73.0
8-9	0.000121	99,072	12	99,066	7,138,980	72.1
9-10	0.000102	99,060	10	99,055	7,039,915	71.1
10-11	0.000087	99,050	9	99,045	6,940,860	70.1
11-12	0.000095	99,041	9	99,036	6,841,815	69.1
12-13	0.000147	99,032	15	99,024	6,742,778	68.1
13-14	0.000253	99,017	25	99,005	6,643,754	67.1
14-15	0.000398	98,992	39	98,972	6,544,749	66.1
15-16	0.000576	98,953	57	98,924	6,445,777	65.1
16-17	0.000740	98,896	73	98,859	6,346,853	64.2
17-18	0.000836	98,822	83	98,781	6,247,994	63.2
18-19	0.000829	98,740	82	98,699	6,149,213	62.3
19-20	0.000750	98,658	74	98,621	6,050,514	61.3
20-21	0.000641	98,584	63	98,552	5,951,893	60.4
21-22	0.000564	98,521	56	98,493	5,853,341	59.4
22-23	0.000548	98,465	54	98,438	5,754,848	58.4
23-24	0.000627	98,411	62	98,380	5,656,409	57.5
24-25	0.000776	98,350	76	98,311	5,558,029	56.5
25-26	0.000959	98,273	94	98,226	5,459,717	55.6
26-27	0.001124	98,179	110	98,124	5,361,491	54.6
27-28	0.001249	98,069	123	98,007	5,263,367	53.7
28-29	0.001308	97,946	128	97,882	5,165,360	52.7
29-30	0.001319	97,818	129	97,754	5,067,478	51.8
30-31	0.001309	97,689	128	97,625	4,969,724	50.9
31-32	0.001323	97,561	129	97,497	4,872,099	49.9
32-33	0.001403	97,432	137	97,364	4,774,602	49.0
33-34	0.001531	97,296	149	97,221	4,677,238	48.1
34-35	0.001721	97,147	167	97,063	4,580,017	47.1
35-36	0.001949	96,979	189	96,885	4,482,954	46.2
36-37	0.002153	96,790	208	96,686	4,386,069	45.3
37-38	0.002276	96,582	220	96,472	4,289,383	44.4
38-39	0.002282	96,362	220	96,252	4,192,911	43.5
39-40	0.002213	96,142	213	96,036	4,096,659	42.6
40-41	0.002105	95,929	202	95,829	4,000,623	41.7
41-42	0.002053	95,728	197	95,629	3,904,794	40.8
42-43	0.002142	95,531	205	95,429	3,809,165	39.9
43-44	0.002442	95,326	233	95,210	3,713,736	39.0
44-45	0.002920	95,094	278	94,955	3,618,526	38.1

Table SD-3. Life table for females: South Dakota, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.003508	94,816	333	94,650	3,523,571	37.2
46-47	0.004089	94,483	386	94,290	3,428,922	36.3
47-48	0.004584	94,097	431	93,881	3,334,631	35.4
48-49	0.004890	93,666	458	93,437	3,240,750	34.6
49-50	0.005041	93,208	470	92,973	3,147,313	33.8
50-51	0.005179	92,738	480	92,498	3,054,340	32.9
51-52	0.005361	92,258	495	92,010	2,961,843	32.1
52-53	0.005510	91,763	506	91,510	2,869,832	31.3
53-54	0.005632	91,257	514	91,000	2,778,322	30.4
54-55	0.005749	90,743	522	90,483	2,687,322	29.6
55-56	0.005838	90,222	527	89,958	2,596,839	28.8
56-57	0.005965	89,695	535	89,427	2,506,881	27.9
57-58	0.006223	89,160	555	88,883	2,417,453	27.1
58-59	0.006647	88,605	589	88,311	2,328,571	26.3
59-60	0.007183	88,016	632	87,700	2,240,260	25.5
60-61	0.007774	87,384	679	87,044	2,152,560	24.6
61-62	0.008341	86,705	723	86,343	2,065,516	23.8
62-63	0.008864	85,981	762	85,600	1,979,172	23.0
63-64	0.009326	85,219	795	84,822	1,893,572	22.2
64-65	0.009779	84,425	826	84,012	1,808,750	21.4
65-66	0.010226	83,599	855	83,172	1,724,738	20.6
66-67	0.010909	82,744	903	82,293	1,641,567	19.8
67-68	0.011757	81,841	962	81,360	1,559,274	19.1
68-69	0.012907	80,879	1,044	80,357	1,477,914	18.3
69-70	0.014327	79,835	1,144	79,263	1,397,556	17.5
70-71	0.015954	78,692	1,255	78,064	1,318,293	16.8
71-72	0.017669	77,436	1,368	76,752	1,240,229	16.0
72-73	0.019416	76,068	1,477	75,329	1,163,477	15.3
73-74	0.021182	74,591	1,580	73,801	1,088,148	14.6
74-75	0.023059	73,011	1,684	72,169	1,014,346	13.9
75-76	0.025107	71,327	1,791	70,432	942,177	13.2
76-77	0.027514	69,537	1,913	68,580	871,745	12.5
77-78	0.030372	67,623	2,054	66,597	803,165	11.9
78-79	0.033637	65,570	2,206	64,467	736,569	11.2
79-80	0.037164	63,364	2,355	62,187	672,102	10.6
80-81	0.040791	61,009	2,489	59,765	609,915	10.0
81-82	0.044789	58,521	2,621	57,210	550,150	9.4
82-83	0.049603	55,899	2,773	54,513	492,940	8.8
83-84	0.055417	53,127	2,944	51,655	438,427	8.3
84-85	0.062045	50,183	3,114	48,626	386,773	7.7
85-86	0.070112	47,069	3,300	45,419	338,147	7.2
86-87	0.078984	43,769	3,457	42,040	292,728	6.7
87-88	0.088812	40,312	3,580	38,522	250,687	6.2
88-89	0.099655	36,732	3,661	34,901	212,166	5.8
89-90	0.111567	33,071	3,690	31,226	177,264	5.4

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.124589	29,382	3,661	27,551	146,038	5.0
91-92	0.138752	25,721	3,569	23,936	118,487	4.6
92-93	0.154066	22,152	3,413	20,446	94,550	4.3
93-94	0.170526	18,739	3,196	17,141	74,105	4.0
94-95	0.188098	15,544	2,924	14,082	56,963	3.7
95-96	0.206727	12,620	2,609	11,316	42,881	3.4
96-97	0.226328	10,011	2,266	8,878	31,566	3.2
97-98	0.246790	7,745	1,911	6,790	22,688	2.9
98-99	0.267976	5,834	1,563	5,052	15,898	2.7
99-100	0.289727	4,271	1,237	3,652	10,846	2.5
100 and older	1.000000	3,033	3,033	7,194	7,194	2.4

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.