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Table SD-2. Life table for males: South Dakota, 2019

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 over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.006948	100,000	695	99,441	7,605,242	76.1
1-2	0.000797	99,305	79	99,266	7,505,801	75.6
2-3	0.000634	99,226	63	99,195	7,406,536	74.6
3-4	0.000396	99,163	39	99,144	7,307,341	73.7
4-5	0.000159	99,124	16	99,116	7,208,198	72.7
5-6	0.000171	99,108	17	99,100	7,109,082	71.7
6-7	0.000166	99,091	16	99,083	7,009,982	70.7
7-8	0.000150	99,075	15	99,067	6,910,899	69.8
8-9	0.000108	99,060	11	99,055	6,811,831	68.8
9-10	0.000044	99,049	4	99,047	6,712,777	67.8
10-11	0.000038	99,045	4	99,043	6,613,730	66.8
11-12	0.000031	99,041	3	99,040	6,514,687	65.8
12-13	0.000025	99,038	2	99,037	6,415,647	64.8
13-14	0.000208	99,036	21	99,025	6,316,611	63.8
14-15	0.000479	99,015	47	98,991	6,217,585	62.8
15-16	0.000799	98,967	79	98,928	6,118,594	61.8
16-17	0.001098	98,888	109	98,834	6,019,666	60.9
17-18	0.001319	98,780	130	98,715	5,920,832	59.9
18-19	0.001415	98,649	140	98,580	5,822,118	59.0
19-20	0.001416	98,510	139	98,440	5,723,538	58.1
20-21	0.001392	98,370	137	98,302	5,625,098	57.2
21-22	0.001392	98,234	137	98,165	5,526,796	56.3
22-23	0.001409	98,097	138	98,028	5,428,630	55.3
23-24	0.001460	97,959	143	97,887	5,330,603	54.4
24-25	0.001536	97,816	150	97,740	5,232,716	53.5
25-26	0.001612	97,665	157	97,587	5,134,975	52.6
26-27	0.001676	97,508	163	97,426	5,037,389	51.7
27-28	0.001736	97,344	169	97,260	4,939,962	50.7
28-29	0.001788	97,175	174	97,089	4,842,702	49.8
29-30	0.001838	97,002	178	96,913	4,745,614	48.9
30-31	0.001886	96,823	183	96,732	4,648,701	48.0
31-32	0.001940	96,641	187	96,547	4,551,969	47.1
32-33	0.002004	96,453	193	96,357	4,455,422	46.2
33-34	0.002083	96,260	201	96,160	4,359,065	45.3
34-35	0.002170	96,060	208	95,955	4,262,906	44.4
35-36	0.002271	95,851	218	95,742	4,166,950	43.5
36-37	0.002371	95,633	227	95,520	4,071,208	42.6
37-38	0.002452	95,407	234	95,290	3,975,688	41.7
38-39	0.002509	95,173	239	95,053	3,880,398	40.8
39-40	0.002556	94,934	243	94,813	3,785,345	39.9
40-41	0.002595	94,691	246	94,568	3,690,532	39.0
41-42	0.002668	94,446	252	94,320	3,595,964	38.1
42-43	0.002833	94,194	267	94,060	3,501,645	37.2
43-44	0.003120	93,927	293	93,780	3,407,584	36.3
44-45	0.003495	93,634	327	93,470	3,313,804	35.4
45-46	0.003960	93,306	370	93,122	3,220,334	34.5
46-47	0.004419	92,937	411	92,732	3,127,213	33.6
47-48	0.004740	92,526	439	92,307	3,034,481	32.8
48-49	0.004860	92,088	448	91,864	2,942,174	31.9
49-50	0.004862	91,640	446	91,417	2,850,310	31.1
50-51	0.004793	91,195	437	90,976	2,758,893	30.3
51-52	0.004850	90,757	440	90,537	2,667,917	29.4
52-53	0.005216	90,317	471	90,082	2,577,380	28.5

Table SD-2. Life table for males: South Dakota, 2019

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 over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
53-54	0.005962	89,846	536	89,578	2,487,298	27.7
54-55	0.006909	89,311	617	89,002	2,397,719	26.8
55-56	0.007863	88,694	697	88,345	2,308,717	26.0
56-57	0.008678	87,996	764	87,614	2,220,373	25.2
57-58	0.009344	87,232	815	86,825	2,132,758	24.4
58-59	0.009845	86,417	851	85,992	2,045,933	23.7
59-60	0.010253	85,567	877	85,128	1,959,941	22.9
60-61	0.010669	84,689	904	84,238	1,874,814	22.1
61-62	0.011150	83,786	934	83,319	1,790,576	21.4
62-63	0.011679	82,852	968	82,368	1,707,257	20.6
63-64	0.012275	81,884	1,005	81,381	1,624,890	19.8
64-65	0.012946	80,879	1,047	80,355	1,543,508	19.1
65-66	0.013653	79,832	1,090	79,287	1,463,153	18.3
66-67	0.014558	78,742	1,146	78,169	1,383,866	17.6
67-68	0.015644	77,596	1,214	76,989	1,305,697	16.8
68-69	0.016978	76,382	1,297	75,733	1,228,709	16.1
69-70	0.018584	75,085	1,395	74,387	1,152,975	15.4
70-71	0.020495	73,690	1,510	72,934	1,078,588	14.6
71-72	0.022702	72,179	1,639	71,360	1,005,654	13.9
72-73	0.025187	70,541	1,777	69,652	934,294	13.2
73-74	0.027897	68,764	1,918	67,805	864,641	12.6
74-75	0.030866	66,846	2,063	65,814	796,836	11.9
75-76	0.034289	64,782	2,221	63,672	731,022	11.3
76-77	0.038192	62,561	2,389	61,366	667,351	10.7
77-78	0.042541	60,172	2,560	58,892	605,984	10.1
78-79	0.047383	57,612	2,730	56,247	547,093	9.5
79-80	0.052624	54,882	2,888	53,438	490,845	8.9
80-81	0.058108	51,994	3,021	50,483	437,407	8.4
81-82	0.063637	48,973	3,116	47,415	386,924	7.9
82-83	0.069656	45,856	3,194	44,259	339,510	7.4
83-84	0.076640	42,662	3,270	41,027	295,250	6.9
84-85	0.084549	39,392	3,331	37,727	254,223	6.5
85-86	0.093802	36,062	3,383	34,371	216,496	6.0
86-87	0.103968	32,679	3,398	30,980	182,125	5.6
87-88	0.116641	29,282	3,415	27,574	151,145	5.2
88-89	0.136820	25,866	3,539	24,097	123,571	4.8
89-90	0.150282	22,327	3,355	20,649	99,474	4.5
90-91	0.164657	18,972	3,124	17,410	78,825	4.2
91-92	0.179928	15,848	2,851	14,422	61,415	3.9
92-93	0.196062	12,996	2,548	11,722	46,993	3.6
93-94	0.213009	10,448	2,226	9,336	35,270	3.4
94-95	0.230704	8,223	1,897	7,274	25,935	3.2
95-96	0.249061	6,326	1,575	5,538	18,661	2.9
96-97	0.267981	4,750	1,273	4,114	13,123	2.8
97-98	0.287349	3,477	999	2,978	9,009	2.6
98-99	0.307039	2,478	761	2,098	6,031	2.4
99-100	0.326916	1,717	561	1,437	3,934	2.3
100 and over	1.000000	1,156	1,156	2,497	2,497	2.2

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table SD-3. Life table for females: South Dakota, 2019

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 over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.006922	100,000	692	99,450	8,084,297	80.8
1-2	0.000168	99,308	17	99,299	7,984,847	80.4
2-3	0.000334	99,291	33	99,275	7,885,548	79.4
3-4	0.000334	99,258	33	99,241	7,786,273	78.4
4-5	0.000167	99,225	17	99,217	7,687,032	77.5
5-6	0.000211	99,208	21	99,198	7,587,816	76.5
6-7	0.000202	99,187	20	99,177	7,488,618	75.5
7-8	0.000186	99,167	18	99,158	7,389,440	74.5
8-9	0.000149	99,149	15	99,141	7,290,282	73.5
9-10	0.000095	99,134	9	99,129	7,191,141	72.5
10-11	0.000039	99,125	4	99,123	7,092,012	71.5
11-12	0.000009	99,121	1	99,120	6,992,889	70.5
12-13	0.000035	99,120	3	99,118	6,893,769	69.5
13-14	0.000137	99,116	14	99,110	6,794,650	68.6
14-15	0.000293	99,103	29	99,088	6,695,541	67.6
15-16	0.000486	99,074	48	99,050	6,596,452	66.6
16-17	0.000661	99,026	65	98,993	6,497,403	65.6
17-18	0.000770	98,960	76	98,922	6,398,410	64.7
18-19	0.000777	98,884	77	98,846	6,299,488	63.7
19-20	0.000709	98,807	70	98,772	6,200,642	62.8
20-21	0.000623	98,737	62	98,706	6,101,870	61.8
21-22	0.000563	98,676	56	98,648	6,003,163	60.8
22-23	0.000528	98,620	52	98,594	5,904,515	59.9
23-24	0.000534	98,568	53	98,542	5,805,921	58.9
24-25	0.000572	98,515	56	98,487	5,707,380	57.9
25-26	0.000614	98,459	60	98,429	5,608,893	57.0
26-27	0.000653	98,399	64	98,366	5,510,464	56.0
27-28	0.000711	98,334	70	98,299	5,412,098	55.0
28-29	0.000791	98,264	78	98,226	5,313,798	54.1
29-30	0.000886	98,187	87	98,143	5,215,573	53.1
30-31	0.000992	98,100	97	98,051	5,117,430	52.2
31-32	0.001097	98,002	108	97,949	5,019,379	51.2
32-33	0.001194	97,895	117	97,836	4,921,430	50.3
33-34	0.001257	97,778	123	97,716	4,823,594	49.3
34-35	0.001310	97,655	128	97,591	4,725,877	48.4
35-36	0.001363	97,527	133	97,461	4,628,286	47.5
36-37	0.001425	97,394	139	97,325	4,530,826	46.5
37-38	0.001492	97,255	145	97,183	4,433,501	45.6
38-39	0.001570	97,110	153	97,034	4,336,318	44.7
39-40	0.001664	96,958	161	96,877	4,239,284	43.7
40-41	0.001758	96,796	170	96,711	4,142,407	42.8
41-42	0.001866	96,626	180	96,536	4,045,696	41.9
42-43	0.002019	96,446	195	96,349	3,949,160	40.9
43-44	0.002229	96,251	215	96,144	3,852,811	40.0
44-45	0.002471	96,037	237	95,918	3,756,667	39.1
45-46	0.002762	95,799	265	95,667	3,660,749	38.2
46-47	0.003039	95,535	290	95,390	3,565,082	37.3
47-48	0.003200	95,244	305	95,092	3,469,693	36.4
48-49	0.003203	94,940	304	94,788	3,374,601	35.5
49-50	0.003107	94,635	294	94,488	3,279,813	34.7
50-51	0.002971	94,341	280	94,201	3,185,325	33.8
51-52	0.002917	94,061	274	93,924	3,091,123	32.9
52-53	0.003034	93,787	285	93,645	2,997,199	32.0

Table SD-3. Life table for females: South Dakota, 2019

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 over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
53-54	0.003366	93,502	315	93,345	2,903,555	31.1
54-55	0.003818	93,188	356	93,010	2,810,210	30.2
55-56	0.004268	92,832	396	92,634	2,717,200	29.3
56-57	0.004665	92,435	431	92,220	2,624,567	28.4
57-58	0.005047	92,004	464	91,772	2,532,347	27.5
58-59	0.005425	91,540	497	91,292	2,440,575	26.7
59-60	0.005823	91,043	530	90,778	2,349,283	25.8
60-61	0.006246	90,513	565	90,231	2,258,505	25.0
61-62	0.006702	89,948	603	89,646	2,168,274	24.1
62-63	0.007202	89,345	643	89,023	2,078,628	23.3
63-64	0.007750	88,702	687	88,358	1,989,605	22.4
64-65	0.008342	88,014	734	87,647	1,901,247	21.6
65-66	0.009017	87,280	787	86,886	1,813,600	20.8
66-67	0.009863	86,493	853	86,066	1,726,713	20.0
67-68	0.010600	85,640	908	85,186	1,640,647	19.2
68-69	0.011298	84,732	957	84,253	1,555,461	18.4
69-70	0.012049	83,775	1,009	83,270	1,471,207	17.6
70-71	0.012925	82,765	1,070	82,230	1,387,937	16.8
71-72	0.014132	81,696	1,155	81,118	1,305,707	16.0
72-73	0.015856	80,541	1,277	79,902	1,224,589	15.2
73-74	0.018129	79,264	1,437	78,545	1,144,686	14.4
74-75	0.020829	77,827	1,621	77,016	1,066,141	13.7
75-76	0.023873	76,206	1,819	75,296	989,124	13.0
76-77	0.027068	74,387	2,014	73,380	913,828	12.3
77-78	0.030280	72,373	2,191	71,277	840,448	11.6
78-79	0.033475	70,182	2,349	69,007	769,171	11.0
79-80	0.036942	67,832	2,506	66,579	700,164	10.3
80-81	0.040867	65,326	2,670	63,992	633,584	9.7
81-82	0.045497	62,657	2,851	61,231	569,593	9.1
82-83	0.051150	59,806	3,059	58,276	508,361	8.5
83-84	0.058105	56,747	3,297	55,098	450,085	7.9
84-85	0.065329	53,450	3,492	51,704	394,987	7.4
85-86	0.074000	49,958	3,697	48,109	343,283	6.9
86-87	0.083662	46,261	3,870	44,326	295,173	6.4
87-88	0.094385	42,391	4,001	40,390	250,848	5.9
88-89	0.106232	38,390	4,078	36,351	210,458	5.5
89-90	0.119255	34,311	4,092	32,266	174,107	5.1
90-91	0.133495	30,220	4,034	28,203	141,841	4.7
91-92	0.148972	26,185	3,901	24,235	113,639	4.3
92-93	0.165687	22,285	3,692	20,438	89,404	4.0
93-94	0.183611	18,592	3,414	16,885	68,966	3.7
94-95	0.202690	15,179	3,077	13,640	52,080	3.4
95-96	0.222837	12,102	2,697	10,754	38,440	3.2
96-97	0.243934	9,405	2,294	8,258	27,686	2.9
97-98	0.265832	7,111	1,890	6,166	19,428	2.7
98-99	0.288355	5,221	1,505	4,468	13,262	2.5
99-100	0.311303	3,715	1,157	3,137	8,794	2.4
100 and over	1.000000	2,559	2,559	5,658	5,658	2.2

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.