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Table SD-2. Life table for males: South Dakota, 2018

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	0.006952	100,000	695	99,520	7,647,266	76.5
1-2	0.000157	99,305	16	99,297	7,547,746	76.0
2-3	0.000469	99,289	47	99,266	7,448,449	75.0
3-4	0.000314	99,243	31	99,227	7,349,183	74.1
4-5	0.000474	99,211	47	99,188	7,249,956	73.1
5-6	0.000219	99,164	22	99,154	7,150,768	72.1
6-7	0.000185	99,143	18	99,134	7,051,614	71.1
7-8	0.000161	99,124	16	99,116	6,952,480	70.1
8-9	0.000133	99,108	13	99,102	6,853,364	69.2
9-10	0.000102	99,095	10	99,090	6,754,262	68.2
10-11	0.000081	99,085	8	99,081	6,655,172	67.2
11-12	0.000097	99,077	10	99,072	6,556,091	66.2
12-13	0.000181	99,068	18	99,059	6,457,018	65.2
13-14	0.000351	99,050	35	99,032	6,357,960	64.2
14-15	0.000583	99,015	58	98,986	6,258,928	63.2
15-16	0.000868	98,957	86	98,914	6,159,942	62.2
16-17	0.001135	98,871	112	98,815	6,061,027	61.3
17-18	0.001301	98,759	128	98,695	5,962,212	60.4
18-19	0.001314	98,631	130	98,566	5,863,517	59.4
19-20	0.001223	98,501	120	98,441	5,764,951	58.5
20-21	0.001086	98,381	107	98,327	5,666,511	57.6
21-22	0.000995	98,274	98	98,225	5,568,183	56.7
22-23	0.001004	98,176	99	98,127	5,469,959	55.7
23-24	0.001155	98,077	113	98,021	5,371,832	54.8
24-25	0.001403	97,964	137	97,895	5,273,811	53.8
25-26	0.001684	97,827	165	97,744	5,175,916	52.9
26-27	0.001916	97,662	187	97,568	5,078,172	52.0
27-28	0.002069	97,475	202	97,374	4,980,603	51.1
28-29	0.002105	97,273	205	97,171	4,883,229	50.2
29-30	0.002054	97,068	199	96,969	4,786,058	49.3
30-31	0.001986	96,869	192	96,773	4,689,090	48.4
31-32	0.001938	96,677	187	96,583	4,592,317	47.5
32-33	0.001890	96,489	182	96,398	4,495,734	46.6
33-34	0.001852	96,307	178	96,218	4,399,336	45.7
34-35	0.001828	96,129	176	96,041	4,303,118	44.8
35-36	0.001798	95,953	173	95,867	4,207,078	43.8
36-37	0.001775	95,780	170	95,695	4,111,211	42.9
37-38	0.001799	95,610	172	95,524	4,015,516	42.0
38-39	0.001888	95,438	180	95,348	3,919,992	41.1
39-40	0.002035	95,258	194	95,161	3,824,643	40.2
40-41	0.002235	95,064	212	94,958	3,729,482	39.2
41-42	0.002453	94,852	233	94,735	3,634,524	38.3
42-43	0.002648	94,619	251	94,494	3,539,789	37.4
43-44	0.002781	94,369	262	94,237	3,445,295	36.5
44-45	0.002874	94,106	270	93,971	3,351,058	35.6

Table SD-2. Life table for males: South Dakota, 2018

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	0.002991	93,836	281	93,695	3,257,087	34.7
46-47	0.003168	93,555	296	93,407	3,163,391	33.8
47-48	0.003388	93,259	316	93,101	3,069,984	32.9
48-49	0.003661	92,943	340	92,773	2,976,884	32.0
49-50	0.003995	92,603	370	92,418	2,884,111	31.1
50-51	0.004329	92,233	399	92,033	2,791,694	30.3
51-52	0.004714	91,833	433	91,617	2,699,661	29.4
52-53	0.005263	91,400	481	91,160	2,608,044	28.5
53-54	0.005988	90,919	544	90,647	2,516,884	27.7
54-55	0.006794	90,375	614	90,068	2,426,237	26.8
55-56	0.007617	89,761	684	89,419	2,336,169	26.0
56-57	0.008365	89,077	745	88,705	2,246,750	25.2
57-58	0.008986	88,332	794	87,935	2,158,045	24.4
58-59	0.009467	87,538	829	87,124	2,070,110	23.6
59-60	0.009879	86,710	857	86,281	1,982,986	22.9
60-61	0.010246	85,853	880	85,413	1,896,704	22.1
61-62	0.010690	84,973	908	84,519	1,811,291	21.3
62-63	0.011345	84,065	954	83,588	1,726,772	20.5
63-64	0.012299	83,111	1,022	82,600	1,643,183	19.8
64-65	0.013480	82,089	1,107	81,536	1,560,583	19.0
65-66	0.014821	80,983	1,200	80,382	1,479,047	18.3
66-67	0.016241	79,782	1,296	79,134	1,398,665	17.5
67-68	0.017483	78,487	1,372	77,801	1,319,530	16.8
68-69	0.018515	77,114	1,428	76,401	1,241,730	16.1
69-70	0.019502	75,687	1,476	74,949	1,165,329	15.4
70-71	0.020604	74,211	1,529	73,446	1,090,381	14.7
71-72	0.021946	72,682	1,595	71,884	1,016,935	14.0
72-73	0.023624	71,087	1,679	70,247	945,051	13.3
73-74	0.025786	69,407	1,790	68,512	874,804	12.6
74-75	0.028384	67,617	1,919	66,658	806,291	11.9
75-76	0.031285	65,698	2,055	64,671	739,634	11.3
76-77	0.034538	63,643	2,198	62,544	674,963	10.6
77-78	0.038481	61,445	2,364	60,262	612,419	10.0
78-79	0.043419	59,080	2,565	57,798	552,157	9.3
79-80	0.049069	56,515	2,773	55,129	494,359	8.7
80-81	0.055011	53,742	2,956	52,264	439,231	8.2
81-82	0.061397	50,786	3,118	49,227	386,967	7.6
82-83	0.068929	47,667	3,286	46,025	337,740	7.1
83-84	0.077918	44,382	3,458	42,653	291,716	6.6
84-85	0.088257	40,924	3,612	39,118	249,063	6.1
85-86	0.100408	37,312	3,746	35,439	209,945	5.6
86-87	0.113029	33,565	3,794	31,669	174,506	5.2
87-88	0.126708	29,772	3,772	27,885	142,838	4.8
88-89	0.142183	25,999	3,697	24,151	114,952	4.4
89-90	0.159013	22,303	3,546	20,529	90,801	4.1

Table SD-2. Life table for males: South Dakota, 2018

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	0.176517	18,756	3,311	17,101	70,272	3.7
91-92	0.194610	15,445	3,006	13,943	53,171	3.4
92-93	0.213424	12,440	2,655	11,112	39,229	3.2
93-94	0.235982	9,785	2,309	8,630	28,117	2.9
94-95	0.264034	7,476	1,974	6,489	19,486	2.6
95-96	0.297075	5,502	1,634	4,685	12,998	2.4
96-97	0.330984	3,867	1,280	3,227	8,313	2.1
97-98	0.364942	2,587	944	2,115	5,086	2.0
98-99	0.398251	1,643	654	1,316	2,970	1.8
99-100	0.430264	989	425	776	1,654	1.7
100 and over	1.000000	563	563	878	878	1.6

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

Table SD-3. Life table for females: South Dakota, 2018

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	0.004743	100,000	474	99,593	8,142,324	81.4
1-2	0.000656	99,526	65	99,493	8,042,730	80.8
2-3	0.000164	99,460	16	99,452	7,943,237	79.9
3-4	0.000247	99,444	25	99,432	7,843,785	78.9
4-5	0.000333	99,420	33	99,403	7,744,353	77.9
5-6	0.000073	99,386	7	99,383	7,644,950	76.9
6-7	0.000060	99,379	6	99,376	7,545,567	75.9
7-8	0.000059	99,373	6	99,370	7,446,191	74.9
8-9	0.000066	99,367	7	99,364	7,346,821	73.9
9-10	0.000079	99,361	8	99,357	7,247,457	72.9
10-11	0.000100	99,353	10	99,348	7,148,100	71.9
11-12	0.000132	99,343	13	99,336	7,048,752	71.0
12-13	0.000183	99,330	18	99,321	6,949,416	70.0
13-14	0.000255	99,312	25	99,299	6,850,095	69.0
14-15	0.000343	99,286	34	99,269	6,750,797	68.0
15-16	0.000448	99,252	44	99,230	6,651,527	67.0
16-17	0.000549	99,208	54	99,180	6,552,297	66.0
17-18	0.000620	99,153	61	99,122	6,453,117	65.1
18-19	0.000643	99,092	64	99,060	6,353,995	64.1
19-20	0.000630	99,028	62	98,997	6,254,935	63.2
20-21	0.000612	98,966	61	98,935	6,155,938	62.2
21-22	0.000605	98,905	60	98,875	6,057,003	61.2
22-23	0.000594	98,845	59	98,816	5,958,127	60.3
23-24	0.000583	98,786	58	98,758	5,859,312	59.3
24-25	0.000576	98,729	57	98,700	5,760,554	58.3
25-26	0.000553	98,672	55	98,645	5,661,854	57.4
26-27	0.000539	98,617	53	98,591	5,563,209	56.4
27-28	0.000581	98,564	57	98,536	5,464,618	55.4
28-29	0.000702	98,507	69	98,472	5,366,082	54.5
29-30	0.000873	98,438	86	98,395	5,267,610	53.5
30-31	0.001080	98,352	106	98,299	5,169,215	52.6
31-32	0.001262	98,246	124	98,184	5,070,916	51.6
32-33	0.001361	98,122	134	98,055	4,972,732	50.7
33-34	0.001318	97,988	129	97,924	4,874,677	49.7
34-35	0.001195	97,859	117	97,801	4,776,754	48.8
35-36	0.001048	97,742	102	97,691	4,678,953	47.9
36-37	0.000947	97,640	92	97,593	4,581,262	46.9
37-38	0.000912	97,547	89	97,503	4,483,669	46.0
38-39	0.000977	97,458	95	97,410	4,386,166	45.0
39-40	0.001131	97,363	110	97,308	4,288,756	44.0
40-41	0.001311	97,253	128	97,189	4,191,448	43.1
41-42	0.001502	97,125	146	97,052	4,094,259	42.2
42-43	0.001760	96,979	171	96,894	3,997,207	41.2
43-44	0.002081	96,809	201	96,708	3,900,313	40.3
44-45	0.002433	96,607	235	96,490	3,803,605	39.4

Table SD-3. Life table for females: South Dakota, 2018

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	0.002826	96,372	272	96,236	3,707,115	38.5
46-47	0.003197	96,100	307	95,946	3,610,879	37.6
47-48	0.003452	95,793	331	95,627	3,514,933	36.7
48-49	0.003553	95,462	339	95,292	3,419,306	35.8
49-50	0.003550	95,123	338	94,954	3,324,014	34.9
50-51	0.003514	94,785	333	94,618	3,229,060	34.1
51-52	0.003529	94,452	333	94,285	3,134,441	33.2
52-53	0.003628	94,119	341	93,948	3,040,156	32.3
53-54	0.003836	93,777	360	93,597	2,946,208	31.4
54-55	0.004108	93,417	384	93,226	2,852,611	30.5
55-56	0.004380	93,034	407	92,830	2,759,386	29.7
56-57	0.004631	92,626	429	92,412	2,666,556	28.8
57-58	0.004894	92,197	451	91,972	2,574,144	27.9
58-59	0.005182	91,746	475	91,508	2,482,173	27.1
59-60	0.005510	91,270	503	91,019	2,390,664	26.2
60-61	0.005872	90,768	533	90,501	2,299,645	25.3
61-62	0.006276	90,235	566	89,951	2,209,144	24.5
62-63	0.006744	89,668	605	89,366	2,119,193	23.6
63-64	0.007285	89,064	649	88,739	2,029,827	22.8
64-65	0.007896	88,415	698	88,066	1,941,087	22.0
65-66	0.008572	87,717	752	87,341	1,853,022	21.1
66-67	0.009414	86,965	819	86,555	1,765,681	20.3
67-68	0.010281	86,146	886	85,703	1,679,126	19.5
68-69	0.011248	85,260	959	84,781	1,593,422	18.7
69-70	0.012367	84,301	1,043	83,780	1,508,641	17.9
70-71	0.013705	83,259	1,141	82,688	1,424,861	17.1
71-72	0.015288	82,118	1,255	81,490	1,342,173	16.3
72-73	0.017070	80,862	1,380	80,172	1,260,683	15.6
73-74	0.018977	79,482	1,508	78,728	1,180,511	14.9
74-75	0.021000	77,974	1,637	77,155	1,101,783	14.1
75-76	0.023175	76,336	1,769	75,452	1,024,628	13.4
76-77	0.025704	74,567	1,917	73,609	949,176	12.7
77-78	0.028575	72,651	2,076	71,613	875,567	12.1
78-79	0.031750	70,575	2,241	69,454	803,954	11.4
79-80	0.035300	68,334	2,412	67,128	734,500	10.7
80-81	0.039103	65,922	2,578	64,633	667,373	10.1
81-82	0.043352	63,344	2,746	61,971	602,740	9.5
82-83	0.048447	60,598	2,936	59,130	540,769	8.9
83-84	0.054388	57,662	3,136	56,094	481,639	8.4
84-85	0.060860	54,526	3,318	52,867	425,545	7.8
85-86	0.068418	51,208	3,504	49,456	372,678	7.3
86-87	0.076716	47,704	3,660	45,874	323,223	6.8
87-88	0.085873	44,044	3,782	42,153	277,348	6.3
88-89	0.096162	40,262	3,872	38,326	235,195	5.8
89-90	0.107852	36,390	3,925	34,428	196,869	5.4

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.119799	32,466	3,889	30,521	162,441	5.0
91-92	0.131840	28,576	3,768	26,693	131,920	4.6
92-93	0.146173	24,809	3,626	22,996	105,227	4.2
93-94	0.164151	21,182	3,477	19,444	82,232	3.9
94-95	0.185173	17,705	3,279	16,066	62,788	3.5
95-96	0.207239	14,427	2,990	12,932	46,722	3.2
96-97	0.232971	11,437	2,664	10,105	33,790	3.0
97-98	0.260090	8,772	2,282	7,632	23,685	2.7
98-99	0.288267	6,491	1,871	5,555	16,054	2.5
99-100	0.317116	4,620	1,465	3,887	10,498	2.3
100 and over	1.000000	3,155	3,155	6,611	6,611	2.1

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