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Table SD-2. Life table for males: South Dakota, 2020

	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 $x$
Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	0.006394	100,000	639	99,467	7,416,397	74.2
1-2	0.000818	99,361	81	99,320	7,316,930	73.6
2-3	0.000162	99,279	16	99,271	7,217,610	72.7
3-4	0.000160	99,263	16	99,255	7,118,339	71.7
4-5	0.000319	99,247	32	99,232	7,019,083	70.7
5-6	0.000094	99,216	9	99,211	6,919,852	69.7
6-7	0.000076	99,206	8	99,203	6,820,641	68.8
7-8	0.000078	99,199	8	99,195	6,721,438	67.8
8-9	0.000097	99,191	10	99,186	6,622,243	66.8
9-10	0.000132	99,182	13	99,175	6,523,057	65.8
10-11	0.000182	99,168	18	99,159	6,423,882	64.8
11-12	0.000248	99,150	25	99,138	6,324,723	63.8
12-13	0.000332	99,126	33	99,109	6,225,584	62.8
13-14	0.000436	99,093	43	99,071	6,126,475	61.8
14-15	0.000556	99,050	55	99,022	6,027,404	60.9
15-16	0.000689	98,995	68	98,960	5,928,382	59.9
16-17	0.000827	98,926	82	98,886	5,829,421	58.9
17-18	0.000963	98,845	95	98,797	5,730,536	58.0
18-19	0.001091	98,749	108	98,696	5,631,739	57.0
19-20	0.001209	98,642	119	98,582	5,533,043	56.1
20-21	0.001332	98,522	131	98,457	5,434,461	55.2
21-22	0.001454	98,391	143	98,320	5,336,004	54.2
22-23	0.001549	98,248	152	98,172	5,237,685	53.3
23-24	0.001610	98,096	158	98,017	5,139,513	52.4
24-25	0.001652	97,938	162	97,857	5,041,496	51.5
25-26	0.001676	97,776	164	97,694	4,943,639	50.6
26-27	0.001716	97,612	168	97,529	4,845,944	49.6
27-28	0.001808	97,445	176	97,357	4,748,416	48.7
28-29	0.001972	97,269	192	97,173	4,651,059	47.8
29-30	0.002187	97,077	212	96,971	4,553,886	46.9
30-31	0.002424	96,865	235	96,747	4,456,915	46.0
31-32	0.002641	96,630	255	96,502	4,360,168	45.1
32-33	0.002823	96,375	272	96,239	4,263,666	44.2
33-34	0.002925	96,102	281	95,962	4,167,427	43.4

Table SD-2. Life table for males: South Dakota, 2020

	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 $x$
Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
34-35	0.002983	95,821	286	95,678	4,071,466	42.5
35-36	0.003034	95,536	290	95,391	3,975,787	41.6
36-37	0.003098	95,246	295	95,098	3,880,396	40.7
37-38	0.003151	94,951	299	94,801	3,785,298	39.9
38-39	0.003197	94,651	303	94,500	3,690,497	39.0
39-40	0.003247	94,349	306	94,196	3,595,997	38.1
40-41	0.003291	94,042	309	93,888	3,501,801	37.2
41-42	0.003355	93,733	315	93,576	3,407,914	36.4
42-43	0.003489	93,418	326	93,255	3,314,338	35.5
43-44	0.003719	93,093	346	92,919	3,221,083	34.6
44-45	0.004028	92,746	374	92,559	3,128,163	33.7
45-46	0.004425	92,373	409	92,168	3,035,604	32.9
46-47	0.004836	91,964	445	91,742	2,943,435	32.0
47-48	0.005161	91,519	472	91,283	2,851,694	31.2
48-49	0.005338	91,047	486	90,804	2,760,411	30.3
49-50	0.005428	90,561	492	90,315	2,669,607	29.5
50-51	0.005497	90,069	495	89,822	2,579,292	28.6
51-52	0.005677	89,574	508	89,320	2,489,470	27.8
52-53	0.006054	89,066	539	88,796	2,400,150	26.9
53-54	0.006670	88,527	591	88,231	2,311,354	26.1
54-55	0.007433	87,936	654	87,609	2,223,123	25.3
55-56	0.008194	87,282	715	86,925	2,135,514	24.5
56-57	0.008907	86,567	771	86,182	2,048,589	23.7
57-58	0.009636	85,796	827	85,383	1,962,407	22.9
58-59	0.010395	84,969	883	84,528	1,877,024	22.1
59-60	0.011189	84,086	941	83,616	1,792,497	21.3
60-61	0.012034	83,145	1,001	82,645	1,708,881	20.6
61-62	0.012894	82,145	1,059	81,615	1,626,236	19.8
62-63	0.013729	81,086	1,113	80,529	1,544,621	19.0
63-64	0.014526	79,972	1,162	79,391	1,464,092	18.3
64-65	0.015327	78,811	1,208	78,207	1,384,700	17.6
65-66	0.016134	77,603	1,252	76,977	1,306,494	16.8
66-67	0.017249	76,351	1,317	75,692	1,229,517	16.1
67-68	0.018513	75,034	1,389	74,339	1,153,825	15.4

Table SD-2. Life table for males: South Dakota, 2020

	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 $x$
Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
68-69	0.020085	73,645	1,479	72,905	1,079,486	14.7
69-70	0.021975	72,165	1,586	71,372	1,006,581	13.9
70-71	0.024230	70,580	1,710	69,725	935,208	13.3
71-72	0.026767	68,869	1,843	67,948	865,484	12.6
72-73	0.029462	67,026	1,975	66,039	797,536	11.9
73-74	0.032286	65,051	2,100	64,001	731,497	11.2
74-75	0.035447	62,951	2,231	61,835	667,496	10.6
75-76	0.039136	60,720	2,376	59,531	605,661	10.0
76-77	0.043628	58,343	2,545	57,071	546,129	9.4
77-78	0.049021	55,798	2,735	54,430	489,059	8.8
78-79	0.055225	53,063	2,930	51,597	434,629	8.2
79-80	0.062201	50,132	3,118	48,573	383,031	7.6
80-81	0.070112	47,014	3,296	45,366	334,458	7.1
81-82	0.078994	43,718	3,453	41,991	289,092	6.6
82-83	0.093249	40,264	3,755	38,387	247,102	6.1
83-84	0.103849	36,510	3,791	34,614	208,715	5.7
84-85	0.115411	32,718	3,776	30,830	174,101	5.3
85-86	0.127967	28,942	3,704	27,090	143,271	5.0
86-87	0.141539	25,238	3,572	23,452	116,180	4.6
87-88	0.156133	21,666	3,383	19,975	92,728	4.3
88-89	0.171739	18,283	3,140	16,713	72,753	4.0
89-90	0.188330	15,143	2,852	13,717	56,040	3.7
90-91	0.205857	12,291	2,530	11,026	42,322	3.4
91-92	0.224251	9,761	2,189	8,667	31,296	3.2
92-93	0.243420	7,572	1,843	6,651	22,629	3.0
93-94	0.263252	5,729	1,508	4,975	15,979	2.8
94-95	0.283618	4,221	1,197	3,622	11,004	2.6
95-96	0.304370	3,024	920	2,564	7,381	2.4
96-97	0.325351	2,103	684	1,761	4,818	2.3
97-98	0.346396	1,419	492	1,173	3,057	2.2
98-99	0.367337	927	341	757	1,883	2.0
99-100	0.388010	587	228	473	1,126	1.9
100 and over	1.000000	359	359	653	653	1.8

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

Table SD-3. Life table for females: South Dakota, 2020

	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 $x$
Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	0.008331	100,000	833	99,278	7,940,713	79.4
1-2	0.001015	99,167	101	99,117	7,841,435	79.1
2-3	0.000671	99,066	66	99,033	7,742,318	78.2
3-4	0.000334	99,000	33	98,983	7,643,285	77.2
4-5	0.000255	98,967	25	98,954	7,544,302	76.2
5-6	0.000177	98,941	18	98,933	7,445,348	75.3
6-7	0.000122	98,924	12	98,918	7,346,415	74.3
7-8	0.000083	98,912	8	98,908	7,247,497	73.3
8-9	0.000062	98,904	6	98,901	7,148,590	72.3
9-10	0.000057	98,897	6	98,895	7,049,689	71.3
10-11	0.000065	98,892	6	98,889	6,950,794	70.3
11-12	0.000081	98,885	8	98,881	6,851,906	69.3
12-13	0.000100	98,877	10	98,873	6,753,024	68.3
13-14	0.000118	98,868	12	98,862	6,654,152	67.3
14-15	0.000139	98,856	14	98,849	6,555,290	66.3
15-16	0.000159	98,842	16	98,834	6,456,441	65.3
16-17	0.000189	98,826	19	98,817	6,357,607	64.3
17-18	0.000249	98,808	25	98,796	6,258,790	63.3
18-19	0.000346	98,783	34	98,766	6,159,994	62.4
19-20	0.000465	98,749	46	98,726	6,061,228	61.4
20-21	0.000602	98,703	59	98,673	5,962,502	60.4
21-22	0.000725	98,644	71	98,608	5,863,829	59.4
22-23	0.000795	98,572	78	98,533	5,765,221	58.5
23-24	0.000795	98,494	78	98,455	5,666,688	57.5
24-25	0.000746	98,416	73	98,379	5,568,233	56.6
25-26	0.000682	98,342	67	98,309	5,469,854	55.6
26-27	0.000642	98,275	63	98,243	5,371,545	54.7
27-28	0.000641	98,212	63	98,180	5,273,302	53.7
28-29	0.000697	98,149	68	98,115	5,175,122	52.7
29-30	0.000799	98,081	78	98,041	5,077,007	51.8
30-31	0.000896	98,002	88	97,958	4,978,965	50.8
31-32	0.000992	97,914	97	97,866	4,881,007	49.8
32-33	0.001147	97,817	112	97,761	4,783,141	48.9
33-34	0.001353	97,705	132	97,639	4,685,380	48.0

Table SD-3. Life table for females: South Dakota, 2020

	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 $x$
Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
34-35	0.001606	97,573	157	97,495	4,587,741	47.0
35-36	0.001901	97,416	185	97,324	4,490,247	46.1
36-37	0.002166	97,231	211	97,126	4,392,923	45.2
37-38	0.002313	97,020	224	96,908	4,295,797	44.3
38-39	0.002294	96,796	222	96,685	4,198,889	43.4
39-40	0.002158	96,574	208	96,470	4,102,204	42.5
40-41	0.001964	96,365	189	96,271	4,005,735	41.6
41-42	0.001819	96,176	175	96,089	3,909,464	40.6
42-43	0.001798	96,001	173	95,915	3,813,375	39.7
43-44	0.001967	95,829	188	95,734	3,717,460	38.8
44-45	0.002287	95,640	219	95,531	3,621,726	37.9
45-46	0.002709	95,422	258	95,292	3,526,195	37.0
46-47	0.003112	95,163	296	95,015	3,430,903	36.1
47-48	0.003400	94,867	323	94,706	3,335,888	35.2
48-49	0.003497	94,544	331	94,379	3,241,182	34.3
49-50	0.003472	94,214	327	94,050	3,146,803	33.4
50-51	0.003389	93,887	318	93,727	3,052,753	32.5
51-52	0.003417	93,568	320	93,408	2,959,026	31.6
52-53	0.003690	93,249	344	93,077	2,865,617	30.7
53-54	0.004263	92,905	396	92,706	2,772,541	29.8
54-55	0.004990	92,508	462	92,278	2,679,834	29.0
55-56	0.005730	92,047	527	91,783	2,587,557	28.1
56-57	0.006349	91,519	581	91,229	2,495,774	27.3
57-58	0.006813	90,938	620	90,628	2,404,545	26.4
58-59	0.007096	90,319	641	89,998	2,313,916	25.6
59-60	0.007274	89,678	652	89,352	2,223,918	24.8
60-61	0.007461	89,025	664	88,693	2,134,566	24.0
61-62	0.007724	88,361	682	88,020	2,045,873	23.2
62-63	0.008043	87,679	705	87,326	1,957,853	22.3
63-64	0.008448	86,974	735	86,606	1,870,527	21.5
64-65	0.008955	86,239	772	85,853	1,783,921	20.7
65-66	0.009449	85,467	808	85,063	1,698,068	19.9
66-67	0.010101	84,659	855	84,231	1,613,005	19.1
67-68	0.011083	83,804	929	83,339	1,528,774	18.2

Table SD-3. Life table for females: South Dakota, 2020

	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 $x$
Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
68-69	0.012592	82,875	1,044	82,353	1,445,434	17.4
69-70	0.014548	81,832	1,190	81,236	1,363,081	16.7
70-71	0.016870	80,641	1,360	79,961	1,281,845	15.9
71-72	0.019228	79,281	1,524	78,518	1,201,884	15.2
72-73	0.021358	77,756	1,661	76,926	1,123,365	14.4
73-74	0.023101	76,096	1,758	75,217	1,046,440	13.8
74-75	0.024633	74,338	1,831	73,422	971,223	13.1
75-76	0.026229	72,506	1,902	71,556	897,801	12.4
76-77	0.028219	70,605	1,992	69,609	826,245	11.7
77-78	0.030897	68,612	2,120	67,552	756,637	11.0
78-79	0.034719	66,492	2,309	65,338	689,084	10.4
79-80	0.039573	64,184	2,540	62,914	623,746	9.7
80-81	0.044829	61,644	2,763	60,262	560,832	9.1
81-82	0.050301	58,880	2,962	57,400	500,570	8.5
82-83	0.056398	55,919	3,154	54,342	443,171	7.9
83-84	0.064875	52,765	3,423	51,053	388,829	7.4
84-85	0.073667	49,342	3,635	47,524	337,775	6.8
85-86	0.083486	45,707	3,816	43,799	290,251	6.4
86-87	0.094405	41,891	3,955	39,914	246,452	5.9
87-88	0.106492	37,936	4,040	35,916	206,538	5.4
88-89	0.119802	33,896	4,061	31,866	170,622	5.0
89-90	0.134377	29,836	4,009	27,831	138,756	4.7
90-91	0.150237	25,826	3,880	23,886	110,925	4.3
91-92	0.167381	21,946	3,673	20,110	87,038	4.0
92-93	0.185778	18,273	3,395	16,576	66,929	3.7
93-94	0.205364	14,878	3,055	13,350	50,353	3.4
94-95	0.226046	11,823	2,672	10,487	37,003	3.1
95-96	0.247691	9,150	2,266	8,017	26,516	2.9
96-97	0.270139	6,884	1,860	5,954	18,499	2.7
97-98	0.293197	5,024	1,473	4,288	12,545	2.5
98-99	0.316652	3,551	1,124	2,989	8,257	2.3
99-100	0.340273	2,427	826	2,014	5,268	2.2
100 and over	1.000000	1,601	1,601	3,255	3,255	2.0

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