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Table ND-2. Life table for males: North Dakota, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.004890	100,000	489	99,583	7,698,325	77.0
1-2	0.000024	99,511	2	99,510	7,598,742	76.4
2-3	0.000054	99,509	5	99,506	7,499,232	75.4
3-4	0.000084	99,503	8	99,499	7,399,726	74.4
4-5	0.000117	99,495	12	99,489	7,300,227	73.4
5-6	0.000151	99,483	15	99,476	7,200,737	72.4
6-7	0.000187	99,468	19	99,459	7,101,262	71.4
7-8	0.000207	99,450	21	99,439	7,001,803	70.4
8-9	0.000216	99,429	21	99,418	6,902,364	69.4
9-10	0.000217	99,408	22	99,397	6,802,945	68.4
10-11	0.000213	99,386	21	99,375	6,703,549	67.4
11-12	0.000208	99,365	21	99,354	6,604,173	66.5
12-13	0.000202	99,344	20	99,334	6,504,819	65.5
13-14	0.000197	99,324	20	99,314	6,405,485	64.5
14-15	0.000203	99,304	20	99,294	6,306,170	63.5
15-16	0.000202	99,284	20	99,274	6,206,876	62.5
16-17	0.000225	99,264	22	99,253	6,107,602	61.5
17-18	0.000325	99,242	32	99,226	6,008,349	60.5
18-19	0.000504	99,210	50	99,185	5,909,123	59.6
19-20	0.000710	99,160	70	99,124	5,809,938	58.6
20-21	0.000883	99,089	87	99,045	5,710,814	57.6
21-22	0.001021	99,002	101	98,951	5,611,769	56.7
22-23	0.001163	98,901	115	98,843	5,512,817	55.7
23-24	0.001324	98,786	131	98,720	5,413,974	54.8
24-25	0.001498	98,655	148	98,581	5,315,254	53.9
25-26	0.001706	98,507	168	98,423	5,216,673	53.0
26-27	0.001890	98,339	186	98,246	5,118,250	52.0
27-28	0.001969	98,153	193	98,057	5,020,004	51.1
28-29	0.001894	97,960	186	97,867	4,921,947	50.2
29-30	0.001706	97,774	167	97,691	4,824,080	49.3
30-31	0.001454	97,608	142	97,537	4,726,389	48.4
31-32	0.001236	97,466	121	97,405	4,628,853	47.5
32-33	0.001137	97,345	111	97,290	4,531,447	46.6
33-34	0.001222	97,234	119	97,175	4,434,158	45.6
34-35	0.001454	97,116	141	97,045	4,336,983	44.7
35-36	0.001736	96,974	168	96,890	4,239,938	43.7
36-37	0.001981	96,806	192	96,710	4,143,047	42.8
37-38	0.002182	96,614	211	96,509	4,046,337	41.9
38-39	0.002307	96,403	222	96,292	3,949,828	41.0
39-40	0.002379	96,181	229	96,067	3,853,536	40.1
40-41	0.002462	95,952	236	95,834	3,757,470	39.2
41-42	0.002585	95,716	247	95,592	3,661,635	38.3
42-43	0.002709	95,469	259	95,339	3,566,043	37.4
43-44	0.002827	95,210	269	95,075	3,470,704	36.5
44-45	0.002943	94,941	279	94,801	3,375,628	35.6

Table ND-2. Life table for males: North Dakota, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.003083	94,661	292	94,515	3,280,827	34.7
46-47	0.003255	94,370	307	94,216	3,186,312	33.8
47-48	0.003452	94,062	325	93,900	3,092,096	32.9
48-49	0.003681	93,738	345	93,565	2,998,196	32.0
49-50	0.003956	93,393	369	93,208	2,904,631	31.1
50-51	0.004258	93,023	396	92,825	2,811,423	30.2
51-52	0.004623	92,627	428	92,413	2,718,598	29.3
52-53	0.005101	92,199	470	91,964	2,626,185	28.5
53-54	0.005688	91,728	522	91,468	2,534,222	27.6
54-55	0.006327	91,207	577	90,918	2,442,754	26.8
55-56	0.006913	90,630	627	90,316	2,351,836	25.9
56-57	0.007482	90,003	673	89,666	2,261,520	25.1
57-58	0.008159	89,330	729	88,965	2,171,853	24.3
58-59	0.009007	88,601	798	88,202	2,082,888	23.5
59-60	0.009998	87,803	878	87,364	1,994,686	22.7
60-61	0.011112	86,925	966	86,442	1,907,322	21.9
61-62	0.012200	85,959	1,049	85,435	1,820,880	21.2
62-63	0.013133	84,910	1,115	84,353	1,735,446	20.4
63-64	0.013817	83,795	1,158	83,216	1,651,093	19.7
64-65	0.014336	82,637	1,185	82,045	1,567,877	19.0
65-66	0.014803	81,453	1,206	80,850	1,485,832	18.2
66-67	0.015648	80,247	1,256	79,619	1,404,983	17.5
67-68	0.016680	78,991	1,318	78,332	1,325,364	16.8
68-69	0.018132	77,674	1,408	76,969	1,247,031	16.1
69-70	0.019982	76,265	1,524	75,503	1,170,062	15.3
70-71	0.022194	74,741	1,659	73,912	1,094,559	14.6
71-72	0.024562	73,082	1,795	72,185	1,020,647	14.0
72-73	0.026878	71,287	1,916	70,329	948,462	13.3
73-74	0.029057	69,371	2,016	68,363	878,133	12.7
74-75	0.031164	67,356	2,099	66,306	809,769	12.0
75-76	0.033346	65,257	2,176	64,169	743,463	11.4
76-77	0.036086	63,080	2,276	61,942	679,295	10.8
77-78	0.039768	60,804	2,418	59,595	617,352	10.2
78-79	0.044601	58,386	2,604	57,084	557,757	9.6
79-80	0.049949	55,782	2,786	54,389	500,673	9.0
80-81	0.055631	52,996	2,948	51,522	446,284	8.4
81-82	0.061524	50,048	3,079	48,508	394,762	7.9
82-83	0.067795	46,968	3,184	45,376	346,254	7.4
83-84	0.075181	43,784	3,292	42,138	300,878	6.9
84-85	0.084205	40,492	3,410	38,788	258,740	6.4
85-86	0.094643	37,083	3,510	35,328	219,952	5.9
86-87	0.105380	33,573	3,538	31,804	184,624	5.5
87-88	0.116648	30,035	3,504	28,283	152,820	5.1
88-89	0.128639	26,532	3,413	24,825	124,537	4.7
89-90	0.143273	23,119	3,312	21,463	99,711	4.3

Table ND-2. Life table for males: North Dakota, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.160797	19,806	3,185	18,214	78,249	4.0
91-92	0.179422	16,622	2,982	15,130	60,035	3.6
92-93	0.200647	13,639	2,737	12,271	44,904	3.3
93-94	0.226031	10,903	2,464	9,670	32,633	3.0
94-95	0.253009	8,438	2,135	7,371	22,963	2.7
95-96	0.283923	6,303	1,790	5,409	15,592	2.5
96-97	0.315732	4,514	1,425	3,801	10,184	2.3
97-98	0.347865	3,089	1,074	2,551	6,382	2.1
98-99	0.379730	2,014	765	1,632	3,831	1.9
99-100	0.410753	1,249	513	993	2,199	1.8
100 and over	1.000000	736	736	1,207	1,207	1.6

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

Table ND-3. Life table for females: North Dakota, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.006234	100,000	623	99,513	8,168,621	81.7
1-2	0.000369	99,377	37	99,358	8,069,109	81.2
2-3	0.000278	99,340	28	99,326	7,969,750	80.2
3-4	0.000188	99,312	19	99,303	7,870,424	79.2
4-5	0.000191	99,294	19	99,284	7,771,121	78.3
5-6	0.000181	99,275	18	99,266	7,671,837	77.3
6-7	0.000193	99,257	19	99,247	7,572,571	76.3
7-8	0.000203	99,237	20	99,227	7,473,324	75.3
8-9	0.000214	99,217	21	99,207	7,374,097	74.3
9-10	0.000227	99,196	23	99,185	7,274,890	73.3
10-11	0.000239	99,174	24	99,162	7,175,705	72.4
11-12	0.000244	99,150	24	99,138	7,076,544	71.4
12-13	0.000233	99,126	23	99,114	6,977,406	70.4
13-14	0.000201	99,103	20	99,093	6,878,292	69.4
14-15	0.000156	99,083	15	99,075	6,779,199	68.4
15-16	0.000107	99,067	11	99,062	6,680,124	67.4
16-17	0.000069	99,057	7	99,053	6,581,062	66.4
17-18	0.000056	99,050	6	99,047	6,482,009	65.4
18-19	0.000079	99,044	8	99,040	6,382,962	64.4
19-20	0.000124	99,036	12	99,030	6,283,922	63.5
20-21	0.000161	99,024	16	99,016	6,184,892	62.5
21-22	0.000197	99,008	20	98,998	6,085,876	61.5
22-23	0.000262	98,989	26	98,976	5,986,877	60.5
23-24	0.000366	98,963	36	98,945	5,887,901	59.5
24-25	0.000503	98,927	50	98,902	5,788,957	58.5
25-26	0.000675	98,877	67	98,843	5,690,055	57.5
26-27	0.000839	98,810	83	98,769	5,591,212	56.6
27-28	0.000945	98,727	93	98,681	5,492,443	55.6
28-29	0.000956	98,634	94	98,587	5,393,763	54.7
29-30	0.000898	98,540	88	98,495	5,295,176	53.7
30-31	0.000799	98,451	79	98,412	5,196,680	52.8
31-32	0.000730	98,372	72	98,337	5,098,269	51.8
32-33	0.000755	98,301	74	98,264	4,999,932	50.9
33-34	0.000894	98,226	88	98,183	4,901,669	49.9
34-35	0.001131	98,139	111	98,083	4,803,486	48.9
35-36	0.001404	98,028	138	97,959	4,705,403	48.0
36-37	0.001633	97,890	160	97,810	4,607,444	47.1
37-38	0.001778	97,730	174	97,643	4,509,634	46.1
38-39	0.001804	97,556	176	97,468	4,411,991	45.2
39-40	0.001739	97,380	169	97,296	4,314,522	44.3
40-41	0.001644	97,211	160	97,131	4,217,227	43.4
41-42	0.001582	97,051	154	96,975	4,120,095	42.5
42-43	0.001561	96,898	151	96,822	4,023,121	41.5
43-44	0.001616	96,747	156	96,668	3,926,299	40.6
44-45	0.001736	96,590	168	96,506	3,829,630	39.6

Table ND-3. Life table for females: North Dakota, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.001860	96,423	179	96,333	3,733,124	38.7
46-47	0.001992	96,243	192	96,147	3,636,791	37.8
47-48	0.002194	96,051	211	95,946	3,540,644	36.9
48-49	0.002483	95,841	238	95,722	3,444,698	35.9
49-50	0.002835	95,603	271	95,467	3,348,976	35.0
50-51	0.003219	95,332	307	95,178	3,253,509	34.1
51-52	0.003583	95,025	340	94,855	3,158,331	33.2
52-53	0.003875	94,684	367	94,501	3,063,476	32.4
53-54	0.004059	94,317	383	94,126	2,968,975	31.5
54-55	0.004162	93,935	391	93,739	2,874,849	30.6
55-56	0.004266	93,544	399	93,344	2,781,110	29.7
56-57	0.004391	93,145	409	92,940	2,687,766	28.9
57-58	0.004497	92,736	417	92,527	2,594,826	28.0
58-59	0.004593	92,319	424	92,107	2,502,299	27.1
59-60	0.004702	91,895	432	91,679	2,410,192	26.2
60-61	0.004808	91,463	440	91,243	2,318,514	25.3
61-62	0.004975	91,023	453	90,796	2,227,271	24.5
62-63	0.005314	90,570	481	90,329	2,136,475	23.6
63-64	0.005898	90,089	531	89,823	2,046,146	22.7
64-65	0.006712	89,557	601	89,257	1,956,323	21.8
65-66	0.007714	88,956	686	88,613	1,867,066	21.0
66-67	0.008940	88,270	789	87,875	1,778,453	20.1
67-68	0.010097	87,481	883	87,039	1,690,578	19.3
68-69	0.011197	86,597	970	86,113	1,603,539	18.5
69-70	0.012316	85,628	1,055	85,101	1,517,426	17.7
70-71	0.013593	84,573	1,150	83,998	1,432,325	16.9
71-72	0.015206	83,424	1,269	82,789	1,348,327	16.2
72-73	0.017220	82,155	1,415	81,448	1,265,537	15.4
73-74	0.019631	80,740	1,585	79,948	1,184,090	14.7
74-75	0.022347	79,155	1,769	78,271	1,104,142	13.9
75-76	0.025212	77,386	1,951	76,411	1,025,871	13.3
76-77	0.028100	75,435	2,120	74,376	949,460	12.6
77-78	0.030967	73,316	2,270	72,180	875,084	11.9
78-79	0.033717	71,045	2,395	69,848	802,904	11.3
79-80	0.036478	68,650	2,504	67,398	733,056	10.7
80-81	0.039510	66,146	2,613	64,839	665,659	10.1
81-82	0.043121	63,532	2,740	62,162	600,820	9.5
82-83	0.047614	60,793	2,895	59,345	538,657	8.9
83-84	0.053248	57,898	3,083	56,357	479,312	8.3
84-85	0.060654	54,815	3,325	53,153	422,955	7.7
85-86	0.070015	51,490	3,605	49,688	369,803	7.2
86-87	0.080312	47,885	3,846	45,962	320,115	6.7
87-88	0.091576	44,039	4,033	42,023	274,153	6.2
88-89	0.102457	40,007	4,099	37,957	232,130	5.8
89-90	0.112907	35,908	4,054	33,880	194,173	5.4

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	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.123337	31,853	3,929	29,889	160,292	5.0
91-92	0.134433	27,925	3,754	26,048	130,403	4.7
92-93	0.147250	24,171	3,559	22,391	104,355	4.3
93-94	0.163748	20,612	3,375	18,924	81,964	4.0
94-95	0.185363	17,236	3,195	15,639	63,040	3.7
95-96	0.208659	14,041	2,930	12,577	47,401	3.4
96-97	0.228223	11,112	2,536	9,844	34,825	3.1
97-98	0.248624	8,576	2,132	7,510	24,981	2.9
98-99	0.269728	6,444	1,738	5,575	17,472	2.7
99-100	0.291374	4,706	1,371	4,020	11,897	2.5
100 and over	1.000000	3,334	3,334	7,877	7,877	2.4

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