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Table ND-2. Life table for males: North Dakota, 2022

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	0.005012	100,000	501	99,599	7,536,875	75.4
1-2	0.000201	99,499	20	99,489	7,437,276	74.7
2-3	0.000391	99,479	39	99,459	7,337,788	73.8
3-4	0.000572	99,440	57	99,411	7,238,328	72.8
4-5	0.000187	99,383	19	99,374	7,138,917	71.8
5-6	0.000330	99,364	33	99,348	7,039,543	70.8
6-7	0.000317	99,332	32	99,316	6,940,195	69.9
7-8	0.000286	99,300	28	99,286	6,840,879	68.9
8-9	0.000225	99,272	22	99,260	6,741,593	67.9
9-10	0.000139	99,249	14	99,242	6,642,333	66.9
10-11	0.000047	99,235	5	99,233	6,543,091	65.9
11-12	0.000009	99,231	1	99,230	6,443,858	64.9
12-13	0.000017	99,230	2	99,229	6,344,627	63.9
13-14	0.000155	99,228	15	99,221	6,245,398	62.9
14-15	0.000370	99,213	37	99,195	6,146,178	61.9
15-16	0.000617	99,176	61	99,146	6,046,983	61.0
16-17	0.000845	99,115	84	99,073	5,947,837	60.0
17-18	0.001021	99,031	101	98,981	5,848,764	59.1
18-19	0.001115	98,930	110	98,875	5,749,784	58.1
19-20	0.001154	98,820	114	98,763	5,650,909	57.2
20-21	0.001169	98,706	115	98,648	5,552,146	56.2
21-22	0.001205	98,590	119	98,531	5,453,498	55.3
22-23	0.001295	98,472	127	98,408	5,354,967	54.4
23-24	0.001468	98,344	144	98,272	5,256,559	53.5
24-25	0.001718	98,200	169	98,115	5,158,287	52.5
25-26	0.002040	98,031	200	97,931	5,060,172	51.6
26-27	0.002363	97,831	231	97,715	4,962,241	50.7
27-28	0.002601	97,600	254	97,473	4,864,526	49.8
28-29	0.002662	97,346	259	97,216	4,767,053	49.0
29-30	0.002592	97,087	252	96,961	4,669,837	48.1
30-31	0.002480	96,835	240	96,715	4,572,876	47.2
31-32	0.002416	96,595	233	96,478	4,476,161	46.3
32-33	0.002491	96,362	240	96,242	4,379,683	45.5
33-34	0.002541	96,122	244	95,999	4,283,441	44.6
34-35	0.002737	95,877	262	95,746	4,187,442	43.7
35-36	0.002966	95,615	284	95,473	4,091,696	42.8
36-37	0.003169	95,331	302	95,180	3,996,223	41.9
37-38	0.003327	95,029	316	94,871	3,901,043	41.1
38-39	0.003413	94,713	323	94,551	3,806,172	40.2
39-40	0.003449	94,390	326	94,227	3,711,620	39.3
40-41	0.003459	94,064	325	93,901	3,617,393	38.5
41-42	0.003501	93,739	328	93,575	3,523,492	37.6
42-43	0.003628	93,411	339	93,241	3,429,917	36.7

Table ND-2. Life table for males: North Dakota, 2022

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
43-44	0.003887	93,072	362	92,891	3,336,676	35.9
44-45	0.004260	92,710	395	92,512	3,243,785	35.0
45-46	0.004767	92,315	440	92,095	3,151,273	34.1
46-47	0.005284	91,875	485	91,632	3,059,178	33.3
47-48	0.005611	91,390	513	91,133	2,967,545	32.5
48-49	0.005602	90,877	509	90,622	2,876,412	31.7
49-50	0.005366	90,368	485	90,125	2,785,790	30.8
50-51	0.005045	89,883	453	89,656	2,695,665	30.0
51-52	0.004887	89,429	437	89,211	2,606,009	29.1
52-53	0.005055	88,992	450	88,767	2,516,798	28.3
53-54	0.005672	88,542	502	88,291	2,428,031	27.4
54-55	0.006621	88,040	583	87,749	2,339,740	26.6
55-56	0.007719	87,457	675	87,120	2,251,991	25.7
56-57	0.008746	86,782	759	86,403	2,164,872	24.9
57-58	0.009606	86,023	826	85,610	2,078,469	24.2
58-59	0.010181	85,197	867	84,763	1,992,859	23.4
59-60	0.010568	84,329	891	83,884	1,908,096	22.6
60-61	0.010835	83,438	904	82,986	1,824,212	21.9
61-62	0.011215	82,534	926	82,071	1,741,226	21.1
62-63	0.011916	81,609	972	81,122	1,659,154	20.3
63-64	0.013088	80,636	1,055	80,109	1,578,032	19.6
64-65	0.014641	79,581	1,165	78,998	1,497,923	18.8
65-66	0.016479	78,416	1,292	77,770	1,418,925	18.1
66-67	0.018441	77,123	1,422	76,412	1,341,155	17.4
67-68	0.019896	75,701	1,506	74,948	1,264,743	16.7
68-69	0.020706	74,195	1,536	73,427	1,189,795	16.0
69-70	0.021140	72,659	1,536	71,891	1,116,368	15.4
70-71	0.021585	71,123	1,535	70,355	1,044,477	14.7
71-72	0.022494	69,588	1,565	68,805	974,122	14.0
72-73	0.023983	68,022	1,631	67,207	905,317	13.3
73-74	0.026188	66,391	1,739	65,522	838,110	12.6
74-75	0.029070	64,652	1,879	63,713	772,588	11.9
75-76	0.032534	62,773	2,042	61,752	708,876	11.3
76-77	0.036502	60,731	2,217	59,622	647,124	10.7
77-78	0.040897	58,514	2,393	57,317	587,502	10.0
78-79	0.045444	56,121	2,550	54,846	530,184	9.4
79-80	0.050121	53,570	2,685	52,228	475,339	8.9
80-81	0.055469	50,885	2,823	49,474	423,111	8.3
81-82	0.062040	48,063	2,982	46,572	373,637	7.8
82-83	0.069659	45,081	3,140	43,511	327,065	7.3
83-84	0.077675	41,941	3,258	40,312	283,554	6.8
84-85	0.086014	38,683	3,327	37,019	243,242	6.3
85-86	0.095632	35,356	3,381	33,665	206,223	5.8

Table ND-2. Life table for males: North Dakota, 2022

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
86-87	0.106231	31,975	3,397	30,276	172,558	5.4
87-88	0.118650	28,578	3,391	26,882	142,281	5.0
88-89	0.139941	25,187	3,525	23,425	115,399	4.6
89-90	0.155300	21,662	3,364	19,980	91,974	4.2
90-91	0.171796	18,298	3,144	16,726	71,994	3.9
91-92	0.189394	15,155	2,870	13,720	55,267	3.6
92-93	0.208037	12,284	2,556	11,007	41,548	3.4
93-94	0.227640	9,729	2,215	8,622	30,541	3.1
94-95	0.248091	7,514	1,864	6,582	21,920	2.9
95-96	0.269253	5,650	1,521	4,889	15,338	2.7
96-97	0.290965	4,129	1,201	3,528	10,448	2.5
97-98	0.313048	2,927	916	2,469	6,920	2.4
98-99	0.335312	2,011	674	1,674	4,451	2.2
99-100	0.357558	1,337	478	1,098	2,777	2.1
100 and older	1.000000	859	859	1,680	1,680	2.0

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

Table ND-3. Life table for females: North Dakota, 2022

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	0.004089	100,000	409	99,634	8,075,967	80.8
1-2	0.000209	99,591	21	99,581	7,976,333	80.1
2-3	0.000203	99,570	20	99,560	7,876,752	79.1
3-4	0.000199	99,550	20	99,540	7,777,192	78.1
4-5	0.000196	99,530	19	99,520	7,677,652	77.1
5-6	0.000188	99,511	19	99,501	7,578,131	76.2
6-7	0.000178	99,492	18	99,483	7,478,630	75.2
7-8	0.000162	99,474	16	99,466	7,379,147	74.2
8-9	0.000138	99,458	14	99,451	7,279,681	73.2
9-10	0.000110	99,444	11	99,439	7,180,229	72.2
10-11	0.000080	99,434	8	99,430	7,080,790	71.2
11-12	0.000059	99,426	6	99,423	6,981,361	70.2
12-13	0.000057	99,420	6	99,417	6,881,938	69.2
13-14	0.000081	99,414	8	99,410	6,782,521	68.2
14-15	0.000126	99,406	13	99,400	6,683,111	67.2
15-16	0.000175	99,393	17	99,385	6,583,712	66.2
16-17	0.000228	99,376	23	99,365	6,484,327	65.3
17-18	0.000294	99,353	29	99,339	6,384,963	64.3
18-19	0.000371	99,324	37	99,306	6,285,624	63.3
19-20	0.000449	99,287	45	99,265	6,186,318	62.3
20-21	0.000524	99,243	52	99,217	6,087,053	61.3
21-22	0.000590	99,191	59	99,161	5,987,837	60.4
22-23	0.000651	99,132	65	99,100	5,888,675	59.4
23-24	0.000712	99,068	70	99,032	5,789,575	58.4
24-25	0.000777	98,997	77	98,959	5,690,543	57.5
25-26	0.000862	98,920	85	98,878	5,591,584	56.5
26-27	0.000956	98,835	94	98,788	5,492,707	55.6
27-28	0.001029	98,740	102	98,690	5,393,919	54.6
28-29	0.001056	98,639	104	98,587	5,295,229	53.7
29-30	0.001052	98,535	104	98,483	5,196,643	52.7
30-31	0.001027	98,431	101	98,381	5,098,160	51.8
31-32	0.001024	98,330	101	98,280	4,999,779	50.8
32-33	0.001117	98,229	110	98,174	4,901,500	49.9
33-34	0.001233	98,120	121	98,059	4,803,325	49.0
34-35	0.001448	97,999	142	97,928	4,705,266	48.0
35-36	0.001702	97,857	167	97,773	4,607,338	47.1
36-37	0.001934	97,690	189	97,596	4,509,565	46.2
37-38	0.002102	97,501	205	97,399	4,411,969	45.3
38-39	0.002168	97,296	211	97,191	4,314,571	44.3
39-40	0.002161	97,085	210	96,980	4,217,380	43.4
40-41	0.002127	96,875	206	96,772	4,120,399	42.5
41-42	0.002127	96,669	206	96,567	4,023,627	41.6
42-43	0.002187	96,464	211	96,358	3,927,060	40.7

Table ND-3. Life table for females: North Dakota, 2022

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
43-44	0.002345	96,253	226	96,140	3,830,702	39.8
44-45	0.002589	96,027	249	95,903	3,734,562	38.9
45-46	0.002891	95,778	277	95,640	3,638,659	38.0
46-47	0.003195	95,502	305	95,349	3,543,019	37.1
47-48	0.003455	95,196	329	95,032	3,447,670	36.2
48-49	0.003618	94,867	343	94,696	3,352,638	35.3
49-50	0.003707	94,524	350	94,349	3,257,943	34.5
50-51	0.003792	94,174	357	93,995	3,163,594	33.6
51-52	0.003923	93,817	368	93,633	3,069,598	32.7
52-53	0.004090	93,449	382	93,258	2,975,966	31.8
53-54	0.004307	93,066	401	92,866	2,882,708	31.0
54-55	0.004571	92,666	424	92,454	2,789,842	30.1
55-56	0.004831	92,242	446	92,019	2,697,388	29.2
56-57	0.005108	91,796	469	91,562	2,605,369	28.4
57-58	0.005465	91,328	499	91,078	2,513,807	27.5
58-59	0.005912	90,828	537	90,560	2,422,729	26.7
59-60	0.006407	90,291	578	90,002	2,332,169	25.8
60-61	0.006933	89,713	622	89,402	2,242,167	25.0
61-62	0.007438	89,091	663	88,760	2,152,765	24.2
62-63	0.007885	88,428	697	88,080	2,064,005	23.3
63-64	0.008269	87,731	725	87,368	1,975,925	22.5
64-65	0.008644	87,006	752	86,630	1,888,557	21.7
65-66	0.009012	86,254	777	85,865	1,801,927	20.9
66-67	0.009558	85,476	817	85,068	1,716,062	20.1
67-68	0.010325	84,659	874	84,222	1,630,995	19.3
68-69	0.011419	83,785	957	83,307	1,546,772	18.5
69-70	0.012805	82,828	1,061	82,298	1,463,466	17.7
70-71	0.014429	81,768	1,180	81,178	1,381,167	16.9
71-72	0.016137	80,588	1,300	79,938	1,299,990	16.1
72-73	0.017835	79,288	1,414	78,581	1,220,052	15.4
73-74	0.019484	77,874	1,517	77,115	1,141,471	14.7
74-75	0.021213	76,356	1,620	75,546	1,064,356	13.9
75-76	0.023155	74,736	1,730	73,871	988,810	13.2
76-77	0.025510	73,006	1,862	72,075	914,939	12.5
77-78	0.028416	71,144	2,022	70,133	842,864	11.8
78-79	0.031903	69,122	2,205	68,019	772,731	11.2
79-80	0.035816	66,917	2,397	65,719	704,712	10.5
80-81	0.039986	64,520	2,580	63,230	638,993	9.9
81-82	0.044515	61,940	2,757	60,562	575,763	9.3
82-83	0.049812	59,183	2,948	57,709	515,201	8.7
83-84	0.055780	56,235	3,137	54,667	457,492	8.1
84-85	0.062716	53,098	3,330	51,433	402,826	7.6
85-86	0.071322	49,768	3,550	47,993	351,393	7.1

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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
86-87	0.080122	46,219	3,703	44,367	303,399	6.6
87-88	0.089655	42,515	3,812	40,610	259,032	6.1
88-89	0.098403	38,704	3,809	36,799	218,423	5.6
89-90	0.111594	34,895	3,894	32,948	181,623	5.2
90-91	0.126160	31,001	3,911	29,046	148,675	4.8
91-92	0.142141	27,090	3,851	25,165	119,630	4.4
92-93	0.159549	23,239	3,708	21,385	94,465	4.1
93-94	0.178364	19,532	3,484	17,790	73,080	3.7
94-95	0.198530	16,048	3,186	14,455	55,290	3.4
95-96	0.219948	12,862	2,829	11,447	40,835	3.2
96-97	0.242479	10,033	2,433	8,817	29,388	2.9
97-98	0.265945	7,600	2,021	6,590	20,571	2.7
98-99	0.290129	5,579	1,619	4,770	13,982	2.5
99-100	0.314784	3,960	1,247	3,337	9,212	2.3
100 and older	1.000000	2,714	2,714	5,875	5,875	2.2

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