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**U.S. State Life Tables, 2019.** National Vital Statistics Report Volume 70, Number 18. 18pp.  
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Table ND-2. Life table for males: North 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	0.007929	100,000	793	99,281	7,627,026	76.3
1-2	0.000357	99,207	35	99,189	7,527,746	75.9
2-3	0.000534	99,172	53	99,145	7,428,556	74.9
3-4	0.000179	99,119	18	99,110	7,329,411	73.9
4-5	0.000182	99,101	18	99,092	7,230,301	73.0
5-6	0.000151	99,083	15	99,075	7,131,209	72.0
6-7	0.000113	99,068	11	99,062	7,032,134	71.0
7-8	0.000095	99,057	9	99,052	6,933,071	70.0
8-9	0.000097	99,047	10	99,043	6,834,019	69.0
9-10	0.000119	99,038	12	99,032	6,734,976	68.0
10-11	0.000158	99,026	16	99,018	6,635,944	67.0
11-12	0.000210	99,010	21	99,000	6,536,926	66.0
12-13	0.000274	98,990	27	98,976	6,437,926	65.0
13-14	0.000347	98,963	34	98,945	6,338,950	64.1
14-15	0.000431	98,928	43	98,907	6,240,005	63.1
15-16	0.000529	98,885	52	98,859	6,141,098	62.1
16-17	0.000633	98,833	63	98,802	6,042,239	61.1
17-18	0.000720	98,771	71	98,735	5,943,437	60.2
18-19	0.000775	98,699	76	98,661	5,844,702	59.2
19-20	0.000802	98,623	79	98,583	5,746,041	58.3
20-21	0.000831	98,544	82	98,503	5,647,457	57.3
21-22	0.000865	98,462	85	98,419	5,548,954	56.4
22-23	0.000888	98,377	87	98,333	5,450,535	55.4
23-24	0.000904	98,289	89	98,245	5,352,202	54.5
24-25	0.000922	98,201	91	98,155	5,253,956	53.5
25-26	0.000925	98,110	91	98,065	5,155,801	52.6
26-27	0.000947	98,019	93	97,973	5,057,736	51.6
27-28	0.001046	97,927	102	97,875	4,959,763	50.6
28-29	0.001251	97,824	122	97,763	4,861,888	49.7
29-30	0.001534	97,702	150	97,627	4,764,125	48.8
30-31	0.001859	97,552	181	97,461	4,666,499	47.8
31-32	0.002168	97,370	211	97,265	4,569,037	46.9
32-33	0.002414	97,159	235	97,042	4,471,772	46.0
33-34	0.002542	96,925	246	96,802	4,374,730	45.1
34-35	0.002580	96,679	249	96,554	4,277,929	44.2
35-36	0.002607	96,429	251	96,303	4,181,375	43.4
36-37	0.002649	96,178	255	96,050	4,085,071	42.5
37-38	0.002656	95,923	255	95,796	3,989,021	41.6
38-39	0.002622	95,668	251	95,543	3,893,225	40.7
39-40	0.002564	95,417	245	95,295	3,797,683	39.8
40-41	0.002470	95,173	235	95,055	3,702,388	38.9
41-42	0.002395	94,938	227	94,824	3,607,333	38.0
42-43	0.002432	94,710	230	94,595	3,512,509	37.1
43-44	0.002641	94,480	249	94,355	3,417,914	36.2
44-45	0.002984	94,230	281	94,090	3,323,558	35.3
45-46	0.003436	93,949	323	93,788	3,229,469	34.4
46-47	0.003887	93,626	364	93,444	3,135,681	33.5
47-48	0.004225	93,262	394	93,065	3,042,236	32.6
48-49	0.004382	92,868	407	92,665	2,949,171	31.8
49-50	0.004437	92,461	410	92,256	2,856,506	30.9
50-51	0.004413	92,051	406	91,848	2,764,250	30.0
51-52	0.004521	91,645	414	91,438	2,672,402	29.2
52-53	0.004978	91,231	454	91,004	2,580,964	28.3

Table ND-2. Life table for males: North 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	0.005865	90,777	532	90,510	2,489,960	27.4
54-55	0.006968	90,244	629	89,930	2,399,450	26.6
55-56	0.008120	89,615	728	89,252	2,309,520	25.8
56-57	0.009092	88,888	808	88,484	2,220,268	25.0
57-58	0.009770	88,080	861	87,649	2,131,785	24.2
58-59	0.010097	87,219	881	86,779	2,044,135	23.4
59-60	0.010213	86,338	882	85,897	1,957,357	22.7
60-61	0.010226	85,457	874	85,020	1,871,459	21.9
61-62	0.010380	84,583	878	84,144	1,786,440	21.1
62-63	0.010876	83,705	910	83,250	1,702,296	20.3
63-64	0.011880	82,794	984	82,303	1,619,046	19.6
64-65	0.013306	81,811	1,089	81,266	1,536,744	18.8
65-66	0.015003	80,722	1,211	80,117	1,455,477	18.0
66-67	0.016941	79,511	1,347	78,838	1,375,361	17.3
67-68	0.018518	78,164	1,447	77,440	1,296,523	16.6
68-69	0.019719	76,717	1,513	75,960	1,219,083	15.9
69-70	0.020796	75,204	1,564	74,422	1,143,122	15.2
70-71	0.022012	73,640	1,621	72,830	1,068,700	14.5
71-72	0.023609	72,019	1,700	71,169	995,871	13.8
72-73	0.025641	70,319	1,803	69,417	924,702	13.2
73-74	0.028229	68,516	1,934	67,549	855,284	12.5
74-75	0.031351	66,582	2,087	65,538	787,735	11.8
75-76	0.034943	64,494	2,254	63,367	722,197	11.2
76-77	0.038801	62,241	2,415	61,033	658,830	10.6
77-78	0.042664	59,826	2,552	58,549	597,797	10.0
78-79	0.046620	57,273	2,670	55,938	539,247	9.4
79-80	0.050881	54,603	2,778	53,214	483,309	8.9
80-81	0.055365	51,825	2,869	50,390	430,095	8.3
81-82	0.060307	48,956	2,952	47,479	379,705	7.8
82-83	0.066502	46,003	3,059	44,474	332,225	7.2
83-84	0.074465	42,944	3,198	41,345	287,752	6.7
84-85	0.084137	39,746	3,344	38,074	246,407	6.2
85-86	0.096531	36,402	3,514	34,645	208,333	5.7
86-87	0.110958	32,888	3,649	31,063	173,688	5.3
87-88	0.124879	29,239	3,651	27,413	142,624	4.9
88-89	0.140107	25,588	3,585	23,795	115,211	4.5
89-90	0.156654	22,003	3,447	20,279	91,416	4.2
90-91	0.174509	18,556	3,238	16,937	71,137	3.8
91-92	0.193625	15,318	2,966	13,835	54,200	3.5
92-93	0.213925	12,352	2,642	11,031	40,366	3.3
93-94	0.235295	9,709	2,285	8,567	29,335	3.0
94-95	0.257586	7,425	1,913	6,469	20,768	2.8
95-96	0.280614	5,512	1,547	4,739	14,299	2.6
96-97	0.304170	3,965	1,206	3,362	9,561	2.4
97-98	0.328023	2,759	905	2,307	6,198	2.2
98-99	0.351931	1,854	653	1,528	3,891	2.1
99-100	0.375649	1,202	451	976	2,364	2.0
100 and over	1.000000	750	750	1,388	1,388	1.8

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

Table ND-3. Life table for females: North 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	0.006733	100,000	673	99,406	8,145,683	81.5
1-2	0.000379	99,327	38	99,308	8,046,277	81.0
2-3	0.000347	99,289	34	99,272	7,946,969	80.0
3-4	0.000319	99,255	32	99,239	7,847,698	79.1
4-5	0.000191	99,223	19	99,213	7,748,459	78.1
5-6	0.000059	99,204	6	99,201	7,649,245	77.1
6-7	0.000071	99,198	7	99,195	7,550,044	76.1
7-8	0.000083	99,191	8	99,187	7,450,850	75.1
8-9	0.000091	99,183	9	99,178	7,351,663	74.1
9-10	0.000097	99,174	10	99,169	7,252,485	73.1
10-11	0.000103	99,164	10	99,159	7,153,316	72.1
11-12	0.000118	99,154	12	99,148	7,054,156	71.1
12-13	0.000149	99,142	15	99,135	6,955,008	70.2
13-14	0.000205	99,127	20	99,117	6,855,873	69.2
14-15	0.000277	99,107	27	99,093	6,756,756	68.2
15-16	0.000370	99,080	37	99,061	6,657,663	67.2
16-17	0.000457	99,043	45	99,020	6,558,601	66.2
17-18	0.000497	98,998	49	98,973	6,459,581	65.2
18-19	0.000469	98,949	46	98,925	6,360,608	64.3
19-20	0.000405	98,902	40	98,882	6,261,682	63.3
20-21	0.000335	98,862	33	98,846	6,162,800	62.3
21-22	0.000292	98,829	29	98,815	6,063,954	61.4
22-23	0.000291	98,800	29	98,786	5,965,140	60.4
23-24	0.000344	98,771	34	98,754	5,866,354	59.4
24-25	0.000437	98,737	43	98,716	5,767,600	58.4
25-26	0.000547	98,694	54	98,667	5,668,884	57.4
26-27	0.000649	98,640	64	98,608	5,570,216	56.5
27-28	0.000742	98,576	73	98,540	5,471,608	55.5
28-29	0.000815	98,503	80	98,463	5,373,069	54.5
29-30	0.000870	98,423	86	98,380	5,274,606	53.6
30-31	0.000937	98,337	92	98,291	5,176,226	52.6
31-32	0.001010	98,245	99	98,195	5,077,935	51.7
32-33	0.001060	98,146	104	98,094	4,979,739	50.7
33-34	0.001041	98,042	102	97,991	4,881,645	49.8
34-35	0.001002	97,940	98	97,891	4,783,655	48.8
35-36	0.000945	97,842	92	97,795	4,685,764	47.9
36-37	0.000910	97,749	89	97,705	4,587,968	46.9
37-38	0.000934	97,660	91	97,615	4,490,264	46.0
38-39	0.001045	97,569	102	97,518	4,392,649	45.0
39-40	0.001232	97,467	120	97,407	4,295,131	44.1
40-41	0.001459	97,347	142	97,276	4,197,724	43.1
41-42	0.001690	97,205	164	97,123	4,100,448	42.2
42-43	0.001920	97,041	186	96,948	4,003,325	41.3
43-44	0.002119	96,854	205	96,752	3,906,378	40.3
44-45	0.002283	96,649	221	96,539	3,809,626	39.4
45-46	0.002474	96,429	239	96,309	3,713,087	38.5
46-47	0.002673	96,190	257	96,061	3,616,778	37.6
47-48	0.002786	95,933	267	95,799	3,520,716	36.7
48-49	0.002787	95,666	267	95,532	3,424,917	35.8
49-50	0.002721	95,399	260	95,269	3,329,385	34.9
50-51	0.002632	95,140	250	95,014	3,234,116	34.0
51-52	0.002612	94,889	248	94,765	3,139,101	33.1
52-53	0.002729	94,641	258	94,512	3,044,336	32.2

Table ND-3. Life table for females: North 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	0.003018	94,383	285	94,241	2,949,824	31.3
54-55	0.003416	94,098	321	93,937	2,855,583	30.3
55-56	0.003808	93,777	357	93,598	2,761,646	29.4
56-57	0.004178	93,420	390	93,224	2,668,048	28.6
57-58	0.004597	93,029	428	92,815	2,574,824	27.7
58-59	0.005086	92,602	471	92,366	2,482,008	26.8
59-60	0.005638	92,131	519	91,871	2,389,642	25.9
60-61	0.006228	91,611	571	91,326	2,297,771	25.1
61-62	0.006822	91,041	621	90,730	2,206,445	24.2
62-63	0.007425	90,419	671	90,084	2,115,715	23.4
63-64	0.008040	89,748	722	89,387	2,025,631	22.6
64-65	0.008690	89,027	774	88,640	1,936,244	21.7
65-66	0.009450	88,253	834	87,836	1,847,604	20.9
66-67	0.010331	87,419	903	86,967	1,759,768	20.1
67-68	0.011178	86,516	967	86,032	1,672,801	19.3
68-69	0.011944	85,549	1,022	85,038	1,586,769	18.5
69-70	0.012710	84,527	1,074	83,990	1,501,731	17.8
70-71	0.013554	83,453	1,131	82,887	1,417,741	17.0
71-72	0.014596	82,322	1,202	81,721	1,334,854	16.2
72-73	0.015949	81,120	1,294	80,473	1,253,133	15.4
73-74	0.017753	79,826	1,417	79,118	1,172,660	14.7
74-75	0.020016	78,409	1,569	77,624	1,093,543	13.9
75-76	0.022602	76,839	1,737	75,971	1,015,918	13.2
76-77	0.025516	75,103	1,916	74,145	939,947	12.5
77-78	0.028823	73,186	2,109	72,132	865,803	11.8
78-79	0.032505	71,077	2,310	69,922	793,671	11.2
79-80	0.036714	68,767	2,525	67,504	723,749	10.5
80-81	0.041156	66,242	2,726	64,879	656,245	9.9
81-82	0.045895	63,516	2,915	62,058	591,366	9.3
82-83	0.051109	60,601	3,097	59,052	529,308	8.7
83-84	0.056847	57,503	3,269	55,869	470,256	8.2
84-85	0.063248	54,234	3,430	52,519	414,387	7.6
85-86	0.070711	50,804	3,592	49,008	361,868	7.1
86-87	0.078450	47,212	3,704	45,360	312,860	6.6
87-88	0.087529	43,508	3,808	41,604	267,500	6.1
88-89	0.098457	39,700	3,909	37,745	225,896	5.7
89-90	0.110907	35,791	3,969	33,806	188,150	5.3
90-91	0.124511	31,822	3,962	29,841	154,344	4.9
91-92	0.139438	27,859	3,885	25,917	124,504	4.5
92-93	0.156730	23,975	3,758	22,096	98,586	4.1
93-94	0.175454	20,217	3,547	18,444	76,490	3.8
94-95	0.195556	16,670	3,260	15,040	58,047	3.5
95-96	0.216944	13,410	2,909	11,955	43,007	3.2
96-97	0.239482	10,501	2,515	9,243	31,051	3.0
97-98	0.262993	7,986	2,100	6,936	21,808	2.7
98-99	0.287259	5,886	1,691	5,040	14,872	2.5
99-100	0.312034	4,195	1,309	3,541	9,831	2.3
100 and over	1.000000	2,886	2,886	6,291	6,291	2.2

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