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Table MN-2. Life table for males: Minnesota, 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	0.004768	100,000	477	99,579	7,825,914	78.3
1-2	0.000336	99,523	33	99,506	7,726,334	77.6
2-3	0.000360	99,490	36	99,472	7,626,828	76.7
3-4	0.000165	99,454	16	99,446	7,527,356	75.7
4-5	0.000246	99,437	24	99,425	7,427,910	74.7
5-6	0.000129	99,413	13	99,407	7,328,485	73.7
6-7	0.000095	99,400	9	99,395	7,229,079	72.7
7-8	0.000075	99,391	7	99,387	7,129,683	71.7
8-9	0.000066	99,383	7	99,380	7,030,296	70.7
9-10	0.000067	99,377	7	99,373	6,930,916	69.7
10-11	0.000081	99,370	8	99,366	6,831,543	68.7
11-12	0.000108	99,362	11	99,357	6,732,176	67.8
12-13	0.000152	99,351	15	99,344	6,632,820	66.8
13-14	0.000215	99,336	21	99,326	6,533,476	65.8
14-15	0.000294	99,315	29	99,300	6,434,150	64.8
15-16	0.000383	99,286	38	99,267	6,334,850	63.8
16-17	0.000477	99,248	47	99,224	6,235,583	62.8
17-18	0.000577	99,200	57	99,172	6,136,360	61.9
18-19	0.000682	99,143	68	99,109	6,037,188	60.9
19-20	0.000790	99,075	78	99,036	5,938,079	59.9
20-21	0.000902	98,997	89	98,952	5,839,042	59.0
21-22	0.001013	98,908	100	98,858	5,740,090	58.0
22-23	0.001115	98,808	110	98,753	5,641,232	57.1
23-24	0.001202	98,697	119	98,638	5,542,480	56.2
24-25	0.001272	98,579	125	98,516	5,443,842	55.2
25-26	0.001337	98,453	132	98,388	5,345,326	54.3
26-27	0.001393	98,322	137	98,253	5,246,938	53.4
27-28	0.001424	98,185	140	98,115	5,148,685	52.4
28-29	0.001425	98,045	140	97,975	5,050,570	51.5
29-30	0.001407	97,905	138	97,836	4,952,595	50.6
30-31	0.001379	97,768	135	97,700	4,854,759	49.7
31-32	0.001358	97,633	133	97,566	4,757,058	48.7
32-33	0.001338	97,500	130	97,435	4,659,492	47.8
33-34	0.001374	97,370	134	97,303	4,562,057	46.9
34-35	0.001415	97,236	138	97,167	4,464,754	45.9
35-36	0.001464	97,098	142	97,027	4,367,587	45.0
36-37	0.001513	96,956	147	96,883	4,270,560	44.0
37-38	0.001568	96,809	152	96,734	4,173,677	43.1
38-39	0.001627	96,658	157	96,579	4,076,943	42.2
39-40	0.001697	96,500	164	96,419	3,980,364	41.2
40-41	0.001785	96,337	172	96,251	3,883,946	40.3
41-42	0.001895	96,165	182	96,074	3,787,695	39.4
42-43	0.002024	95,983	194	95,885	3,691,621	38.5
43-44	0.002169	95,788	208	95,684	3,595,736	37.5
44-45	0.002328	95,581	223	95,469	3,500,051	36.6
45-46	0.002519	95,358	240	95,238	3,404,582	35.7
46-47	0.002734	95,118	260	94,988	3,309,344	34.8
47-48	0.002945	94,858	279	94,718	3,214,356	33.9
48-49	0.003145	94,578	297	94,430	3,119,638	33.0
49-50	0.003351	94,281	316	94,123	3,025,209	32.1
50-51	0.003559	93,965	334	93,798	2,931,086	31.2
51-52	0.003816	93,631	357	93,452	2,837,288	30.3
52-53	0.004178	93,273	390	93,078	2,743,836	29.4

Table MN-2. Life table for males: Minnesota, 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	0.004655	92,884	432	92,667	2,650,757	28.5
54-55	0.005197	92,451	480	92,211	2,558,090	27.7
55-56	0.005738	91,971	528	91,707	2,465,879	26.8
56-57	0.006254	91,443	572	91,157	2,374,172	26.0
57-58	0.006776	90,871	616	90,563	2,283,015	25.1
58-59	0.007326	90,255	661	89,925	2,192,452	24.3
59-60	0.007924	89,594	710	89,239	2,102,527	23.5
60-61	0.008575	88,884	762	88,503	2,013,287	22.7
61-62	0.009269	88,122	817	87,714	1,924,784	21.8
62-63	0.010013	87,305	874	86,868	1,837,071	21.0
63-64	0.010805	86,431	934	85,964	1,750,202	20.2
64-65	0.011656	85,497	997	84,999	1,664,238	19.5
65-66	0.012591	84,501	1,064	83,969	1,579,239	18.7
66-67	0.013816	83,437	1,153	82,860	1,495,271	17.9
67-68	0.015032	82,284	1,237	81,666	1,412,410	17.2
68-69	0.016293	81,047	1,321	80,387	1,330,745	16.4
69-70	0.017670	79,727	1,409	79,022	1,250,358	15.7
70-71	0.019231	78,318	1,506	77,565	1,171,336	15.0
71-72	0.021009	76,812	1,614	76,005	1,093,771	14.2
72-73	0.022979	75,198	1,728	74,334	1,017,766	13.5
73-74	0.025166	73,470	1,849	72,546	943,432	12.8
74-75	0.027673	71,621	1,982	70,630	870,887	12.2
75-76	0.030563	69,639	2,128	68,575	800,257	11.5
76-77	0.033938	67,511	2,291	66,365	731,682	10.8
77-78	0.037870	65,219	2,470	63,985	665,317	10.2
78-79	0.042368	62,750	2,659	61,420	601,332	9.6
79-80	0.047468	60,091	2,852	58,665	539,912	9.0
80-81	0.053166	57,239	3,043	55,717	481,247	8.4
81-82	0.059639	54,196	3,232	52,579	425,530	7.9
82-83	0.067040	50,963	3,417	49,255	372,950	7.3
83-84	0.075526	47,547	3,591	45,751	323,695	6.8
84-85	0.085762	43,956	3,770	42,071	277,944	6.3
85-86	0.096483	40,186	3,877	38,247	235,873	5.9
86-87	0.108294	36,309	3,932	34,343	197,626	5.4
87-88	0.121243	32,377	3,925	30,414	163,283	5.0
88-89	0.135365	28,451	3,851	26,526	132,869	4.7
89-90	0.150677	24,600	3,707	22,747	106,344	4.3
90-91	0.167177	20,893	3,493	19,147	83,597	4.0
91-92	0.184836	17,400	3,216	15,792	64,450	3.7
92-93	0.203601	14,184	2,888	12,740	48,658	3.4
93-94	0.223387	11,296	2,523	10,035	35,918	3.2
94-95	0.244082	8,773	2,141	7,702	25,883	3.0
95-96	0.265546	6,632	1,761	5,751	18,181	2.7
96-97	0.287613	4,871	1,401	4,170	12,430	2.6
97-98	0.310096	3,470	1,076	2,932	8,260	2.4
98-99	0.332794	2,394	797	1,995	5,328	2.2
99-100	0.355496	1,597	568	1,313	3,332	2.1
100 and over	1.000000	1,029	1,029	2,019	2,019	2.0

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

Table MN-3. Life table for females: Minnesota, 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	0.004352	100,000	435	99,608	8,263,286	82.6
1-2	0.000323	99,565	32	99,549	8,163,678	82.0
2-3	0.000174	99,533	17	99,524	8,064,130	81.0
3-4	0.000230	99,515	23	99,504	7,964,606	80.0
4-5	0.000115	99,492	11	99,487	7,865,102	79.1
5-6	0.000125	99,481	12	99,475	7,765,615	78.1
6-7	0.000109	99,469	11	99,463	7,666,140	77.1
7-8	0.000095	99,458	9	99,453	7,566,677	76.1
8-9	0.000082	99,448	8	99,444	7,467,224	75.1
9-10	0.000070	99,440	7	99,437	7,367,780	74.1
10-11	0.000061	99,433	6	99,430	7,268,343	73.1
11-12	0.000060	99,427	6	99,424	7,168,913	72.1
12-13	0.000070	99,421	7	99,418	7,069,489	71.1
13-14	0.000094	99,414	9	99,410	6,970,071	70.1
14-15	0.000129	99,405	13	99,399	6,870,662	69.1
15-16	0.000167	99,392	17	99,384	6,771,263	68.1
16-17	0.000206	99,376	20	99,365	6,671,879	67.1
17-18	0.000254	99,355	25	99,342	6,572,514	66.2
18-19	0.000309	99,330	31	99,315	6,473,171	65.2
19-20	0.000368	99,299	36	99,281	6,373,857	64.2
20-21	0.000433	99,263	43	99,241	6,274,576	63.2
21-22	0.000494	99,220	49	99,195	6,175,335	62.2
22-23	0.000529	99,171	52	99,144	6,076,139	61.3
23-24	0.000530	99,118	53	99,092	5,976,995	60.3
24-25	0.000507	99,066	50	99,041	5,877,903	59.3
25-26	0.000477	99,015	47	98,992	5,778,862	58.4
26-27	0.000457	98,968	45	98,946	5,679,871	57.4
27-28	0.000450	98,923	45	98,901	5,580,925	56.4
28-29	0.000464	98,878	46	98,855	5,482,024	55.4
29-30	0.000493	98,833	49	98,808	5,383,169	54.5
30-31	0.000525	98,784	52	98,758	5,284,361	53.5
31-32	0.000558	98,732	55	98,704	5,185,603	52.5
32-33	0.000598	98,677	59	98,647	5,086,898	51.6
33-34	0.000656	98,618	65	98,586	4,988,251	50.6
34-35	0.000719	98,553	71	98,518	4,889,666	49.6
35-36	0.000789	98,482	78	98,444	4,791,148	48.6
36-37	0.000858	98,405	84	98,362	4,692,704	47.7
37-38	0.000923	98,320	91	98,275	4,594,342	46.7
38-39	0.000983	98,229	97	98,181	4,496,067	45.8
39-40	0.001043	98,133	102	98,082	4,397,886	44.8
40-41	0.001114	98,031	109	97,976	4,299,804	43.9
41-42	0.001201	97,921	118	97,863	4,201,828	42.9
42-43	0.001298	97,804	127	97,740	4,103,965	42.0
43-44	0.001399	97,677	137	97,608	4,006,225	41.0
44-45	0.001505	97,540	147	97,467	3,908,616	40.1
45-46	0.001620	97,393	158	97,314	3,811,150	39.1
46-47	0.001751	97,236	170	97,150	3,713,835	38.2
47-48	0.001894	97,065	184	96,973	3,616,685	37.3
48-49	0.002051	96,882	199	96,782	3,519,711	36.3
49-50	0.002224	96,683	215	96,575	3,422,929	35.4
50-51	0.002410	96,468	233	96,352	3,326,354	34.5
51-52	0.002611	96,235	251	96,110	3,230,002	33.6
52-53	0.002828	95,984	271	95,848	3,133,892	32.7

Table MN-3. Life table for females: Minnesota, 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	0.003055	95,713	292	95,566	3,038,044	31.7
54-55	0.003286	95,420	314	95,263	2,942,478	30.8
55-56	0.003509	95,107	334	94,940	2,847,214	29.9
56-57	0.003742	94,773	355	94,596	2,752,275	29.0
57-58	0.004018	94,418	379	94,229	2,657,679	28.1
58-59	0.004362	94,039	410	93,834	2,563,451	27.3
59-60	0.004771	93,629	447	93,405	2,469,617	26.4
60-61	0.005233	93,182	488	92,938	2,376,211	25.5
61-62	0.005715	92,694	530	92,429	2,283,273	24.6
62-63	0.006206	92,165	572	91,879	2,190,844	23.8
63-64	0.006691	91,593	613	91,286	2,098,965	22.9
64-65	0.007190	90,980	654	90,653	2,007,679	22.1
65-66	0.007740	90,326	699	89,976	1,917,026	21.2
66-67	0.008464	89,627	759	89,247	1,827,050	20.4
67-68	0.009237	88,868	821	88,458	1,737,803	19.6
68-69	0.010120	88,047	891	87,602	1,649,345	18.7
69-70	0.011145	87,156	971	86,670	1,561,743	17.9
70-71	0.012338	86,185	1,063	85,653	1,475,073	17.1
71-72	0.013729	85,121	1,169	84,537	1,389,420	16.3
72-73	0.015336	83,953	1,288	83,309	1,304,883	15.5
73-74	0.017148	82,665	1,418	81,957	1,221,574	14.8
74-75	0.019171	81,248	1,558	80,469	1,139,617	14.0
75-76	0.021397	79,690	1,705	78,838	1,059,148	13.3
76-77	0.023846	77,985	1,860	77,055	980,310	12.6
77-78	0.026624	76,125	2,027	75,112	903,255	11.9
78-79	0.029895	74,099	2,215	72,991	828,143	11.2
79-80	0.033777	71,884	2,428	70,670	755,152	10.5
80-81	0.038159	69,456	2,650	68,130	684,482	9.9
81-82	0.042946	66,805	2,869	65,371	616,352	9.2
82-83	0.048245	63,936	3,085	62,394	550,981	8.6
83-84	0.054478	60,852	3,315	59,194	488,587	8.0
84-85	0.062078	57,537	3,572	55,751	429,393	7.5
85-86	0.071463	53,965	3,856	52,037	373,642	6.9
86-87	0.080484	50,108	4,033	48,092	321,606	6.4
87-88	0.091473	46,075	4,215	43,968	273,514	5.9
88-89	0.103699	41,861	4,341	39,690	229,546	5.5
89-90	0.117224	37,520	4,398	35,321	189,856	5.1
90-91	0.132101	33,122	4,375	30,934	154,535	4.7
91-92	0.148355	28,746	4,265	26,614	123,601	4.3
92-93	0.165988	24,482	4,064	22,450	96,987	4.0
93-94	0.184969	20,418	3,777	18,530	74,538	3.7
94-95	0.205232	16,641	3,415	14,934	56,008	3.4
95-96	0.226669	13,226	2,998	11,727	41,074	3.1
96-97	0.249136	10,228	2,548	8,954	29,347	2.9
97-98	0.272451	7,680	2,092	6,634	20,394	2.7
98-99	0.296400	5,587	1,656	4,759	13,760	2.5
99-100	0.320741	3,931	1,261	3,301	9,000	2.3
100 and over	1.000000	2,670	2,670	5,700	5,700	2.1

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