

Table MN-1. Life table for the total population: Minnesota 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00558	100,000	558	99,721	7,925,562	79.26
1-2	0.00039	99,442	39	99,422	7,825,841	78.70
2-3	0.00023	99,403	23	99,391	7,726,419	77.73
3-4	0.00019	99,380	19	99,370	7,627,027	76.75
4-5	0.00017	99,361	17	99,352	7,527,657	75.76
5-6	0.00017	99,343	17	99,335	7,428,305	74.77
6-7	0.00017	99,327	17	99,318	7,328,970	73.79
7-8	0.00017	99,310	17	99,301	7,229,652	72.80
8-9	0.00015	99,293	15	99,286	7,130,350	71.81
9-10	0.00013	99,278	13	99,271	7,031,065	70.82
10-11	0.00011	99,265	11	99,259	6,931,794	69.83
11-12	0.00011	99,253	11	99,248	6,832,535	68.84
12-13	0.00013	99,243	13	99,236	6,733,287	67.85
13-14	0.00020	99,229	20	99,219	6,634,051	66.86
14-15	0.00029	99,210	29	99,195	6,534,831	65.87
15-16	0.00039	99,181	39	99,161	6,435,636	64.89
16-17	0.00048	99,142	48	99,118	6,336,475	63.91
17-18	0.00056	99,094	55	99,067	6,237,357	62.94
18-19	0.00061	99,039	61	99,009	6,138,290	61.98
19-20	0.00065	98,978	64	98,946	6,039,282	61.02
20-21	0.00069	98,914	68	98,880	5,940,335	60.06
21-22	0.00073	98,846	72	98,810	5,841,455	59.10
22-23	0.00075	98,774	74	98,737	5,742,644	58.14
23-24	0.00074	98,700	73	98,664	5,643,907	57.18
24-25	0.00072	98,627	71	98,591	5,545,243	56.22
25-26	0.00070	98,556	69	98,521	5,446,652	55.26
26-27	0.00068	98,487	67	98,454	5,348,131	54.30
27-28	0.00066	98,420	65	98,388	5,249,677	53.34
28-29	0.00066	98,355	65	98,323	5,151,290	52.37
29-30	0.00066	98,290	65	98,258	5,052,967	51.41
30-31	0.00068	98,225	67	98,192	4,954,709	50.44
31-32	0.00070	98,159	69	98,124	4,856,517	49.48
32-33	0.00074	98,090	73	98,053	4,758,393	48.51
33-34	0.00079	98,017	78	97,978	4,660,340	47.55
34-35	0.00086	97,939	84	97,897	4,562,361	46.58
35-36	0.00094	97,855	92	97,809	4,464,464	45.62
36-37	0.00102	97,763	100	97,713	4,366,655	44.67
37-38	0.00110	97,664	108	97,610	4,268,942	43.71
38-39	0.00118	97,556	115	97,498	4,171,332	42.76
39-40	0.00127	97,441	124	97,379	4,073,834	41.81
40-41	0.00136	97,317	133	97,251	3,976,455	40.86
41-42	0.00147	97,184	143	97,113	3,879,204	39.92
42-43	0.00160	97,042	155	96,964	3,782,091	38.97
43-44	0.00175	96,887	170	96,802	3,685,127	38.04
44-45	0.00194	96,717	188	96,623	3,588,325	37.10
45-46	0.00215	96,529	207	96,426	3,491,702	36.17
46-47	0.00236	96,322	227	96,208	3,395,276	35.25
47-48	0.00257	96,095	247	95,971	3,299,068	34.33
48-49	0.00280	95,847	268	95,713	3,203,097	33.42
49-50	0.00304	95,579	291	95,434	3,107,384	32.51
50-51	0.00332	95,288	317	95,130	3,011,950	31.61
51-52	0.00363	94,972	345	94,799	2,916,820	30.71

52-53	0.00398	94,627	376	94,439	2,822,020	29.82
53-54	0.00435	94,250	410	94,045	2,727,582	28.94
54-55	0.00477	93,840	448	93,616	2,633,537	28.06
55-56	0.00523	93,392	488	93,148	2,539,921	27.20
56-57	0.00572	92,904	532	92,638	2,446,772	26.34
57-58	0.00627	92,372	579	92,083	2,354,134	25.49
58-59	0.00687	91,793	631	91,478	2,262,051	24.64
59-60	0.00753	91,162	687	90,819	2,170,574	23.81
60-61	0.00826	90,475	747	90,102	2,079,755	22.99
61-62	0.00905	89,728	812	89,322	1,989,653	22.17
62-63	0.00992	88,916	882	88,475	1,900,331	21.37
63-64	0.01087	88,034	957	87,556	1,811,855	20.58
64-65	0.01192	87,077	1,038	86,558	1,724,300	19.80
65-66	0.01307	86,039	1,124	85,477	1,637,742	19.03
66-67	0.01429	84,915	1,214	84,308	1,552,265	18.28
67-68	0.01571	83,701	1,315	83,044	1,467,957	17.54
68-69	0.01726	82,386	1,422	81,675	1,384,914	16.81
69-70	0.01895	80,964	1,534	80,197	1,303,239	16.10
70-71	0.02081	79,430	1,653	78,604	1,223,041	15.40
71-72	0.02285	77,777	1,777	76,889	1,144,438	14.71
72-73	0.02508	76,000	1,906	75,047	1,067,549	14.05
73-74	0.02752	74,094	2,039	73,074	992,502	13.40
74-75	0.03019	72,054	2,176	70,967	919,428	12.76
75-76	0.03310	69,879	2,313	68,722	848,462	12.14
76-77	0.03628	67,566	2,452	66,340	779,740	11.54
77-78	0.03977	65,114	2,589	63,819	713,400	10.96
78-79	0.04357	62,525	2,725	61,162	649,581	10.39
79-80	0.04773	59,800	2,854	58,373	588,418	9.84
80-81	0.05265	56,946	2,998	55,447	530,045	9.31
81-82	0.05777	53,948	3,117	52,390	474,598	8.80
82-83	0.06336	50,831	3,221	49,221	422,209	8.31
83-84	0.06945	47,611	3,307	45,958	372,987	7.83
84-85	0.07608	44,304	3,371	42,619	327,030	7.38
85-86	0.08329	40,934	3,409	39,229	284,411	6.95
86-87	0.09112	37,524	3,419	35,815	245,182	6.53
87-88	0.09960	34,105	3,397	32,407	209,367	6.14
88-89	0.10879	30,708	3,341	29,038	176,960	5.76
89-90	0.11871	27,367	3,249	25,743	147,922	5.41
90-91	0.12941	24,119	3,121	22,558	122,179	5.07
91-92	0.14092	20,997	2,959	19,518	99,621	4.74
92-93	0.15328	18,038	2,765	16,656	80,104	4.44
93-94	0.16652	15,273	2,543	14,002	63,448	4.15
94-95	0.18067	12,730	2,300	11,580	49,446	3.88
95-96	0.19573	10,430	2,041	9,409	37,866	3.63
96-97	0.21173	8,389	1,776	7,501	28,457	3.39
97-98	0.22868	6,612	1,512	5,856	20,956	3.17
98-99	0.24656	5,100	1,258	4,472	15,100	2.96
99-100	0.26537	3,843	1,020	3,333	10,628	2.77
100-101	0.28507	2,823	805	2,421	7,295	2.58
101-102	0.30564	2,018	617	1,710	4,875	2.42
102-103	0.32702	1,401	458	1,172	3,165	2.26
103-104	0.34915	943	329	778	1,993	2.11
104-105	0.37196	614	228	500	1,214	1.98
105-106	0.39536	386	152	309	714	1.85
106-107	0.41926	233	98	184	405	1.74
107-108	0.44355	135	60	105	221	1.63
108-109	0.46813	75	35	58	116	1.53
109-110	0.49286	40	20	30	58	1.44

Table MN-2. Life table for males: Minnesota 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00651	100,000	651	99,674	7,673,580	76.74
1-2	0.00049	99,349	48	99,324	7,573,906	76.24
2-3	0.00025	99,300	25	99,288	7,474,581	75.27
3-4	0.00020	99,275	20	99,265	7,375,294	74.29
4-5	0.00019	99,255	18	99,246	7,276,029	73.31
5-6	0.00019	99,236	18	99,227	7,176,784	72.32
6-7	0.00019	99,218	19	99,208	7,077,556	71.33
7-8	0.00019	99,199	19	99,190	6,978,348	70.35
8-9	0.00018	99,180	17	99,171	6,879,158	69.36
9-10	0.00015	99,163	15	99,155	6,779,987	68.37
10-11	0.00013	99,148	13	99,141	6,680,832	67.38
11-12	0.00012	99,135	12	99,129	6,581,691	66.39
12-13	0.00016	99,123	16	99,115	6,482,562	65.40
13-14	0.00025	99,107	25	99,095	6,383,447	64.41
14-15	0.00038	99,082	37	99,064	6,284,352	63.43
15-16	0.00052	99,045	51	99,019	6,185,289	62.45
16-17	0.00064	98,994	64	98,962	6,086,269	61.48
17-18	0.00075	98,930	74	98,893	5,987,308	60.52
18-19	0.00083	98,856	82	98,815	5,888,415	59.57
19-20	0.00089	98,774	88	98,730	5,789,600	58.61
20-21	0.00095	98,686	94	98,640	5,690,870	57.67
21-22	0.00102	98,593	100	98,543	5,592,230	56.72
22-23	0.00105	98,492	104	98,440	5,493,688	55.78
23-24	0.00105	98,389	103	98,337	5,395,247	54.84
24-25	0.00102	98,285	101	98,235	5,296,910	53.89
25-26	0.00100	98,185	98	98,136	5,198,675	52.95
26-27	0.00097	98,087	95	98,039	5,100,540	52.00
27-28	0.00095	97,991	93	97,945	5,002,501	51.05
28-29	0.00093	97,899	91	97,853	4,904,556	50.10
29-30	0.00093	97,807	91	97,762	4,806,703	49.14
30-31	0.00094	97,717	92	97,671	4,708,941	48.19
31-32	0.00096	97,625	94	97,578	4,611,270	47.23
32-33	0.00100	97,531	97	97,483	4,513,692	46.28
33-34	0.00105	97,434	102	97,383	4,416,209	45.33
34-35	0.00111	97,332	108	97,278	4,318,826	44.37
35-36	0.00119	97,224	115	97,166	4,221,547	43.42
36-37	0.00128	97,109	124	97,047	4,124,381	42.47
37-38	0.00138	96,985	134	96,918	4,027,334	41.53
38-39	0.00150	96,851	145	96,778	3,930,416	40.58
39-40	0.00163	96,706	158	96,627	3,833,638	39.64
40-41	0.00177	96,548	171	96,462	3,737,011	38.71
41-42	0.00194	96,377	187	96,283	3,640,549	37.77
42-43	0.00211	96,190	203	96,089	3,544,266	36.85
43-44	0.00231	95,987	222	95,876	3,448,177	35.92

44-45	0.00252	95,765	241	95,645	3,352,301	35.01
45-46	0.00276	95,524	263	95,392	3,256,656	34.09
46-47	0.00301	95,261	287	95,117	3,161,264	33.19
47-48	0.00329	94,974	313	94,817	3,066,146	32.28
48-49	0.00360	94,661	341	94,491	2,971,329	31.39
49-50	0.00394	94,320	371	94,135	2,876,838	30.50
50-51	0.00430	93,949	404	93,747	2,782,704	29.62
51-52	0.00471	93,545	440	93,325	2,688,957	28.75
52-53	0.00514	93,104	479	92,865	2,595,632	27.88
53-54	0.00562	92,625	521	92,365	2,502,768	27.02
54-55	0.00615	92,104	566	91,821	2,410,403	26.17
55-56	0.00672	91,538	615	91,230	2,318,581	25.33
56-57	0.00735	90,923	668	90,589	2,227,351	24.50
57-58	0.00803	90,255	725	89,892	2,136,762	23.67
58-59	0.00878	89,530	786	89,137	2,046,870	22.86
59-60	0.00959	88,744	851	88,318	1,957,733	22.06
60-61	0.01049	87,892	922	87,432	1,869,415	21.27
61-62	0.01146	86,971	997	86,473	1,781,983	20.49
62-63	0.01252	85,974	1,076	85,436	1,695,511	19.72
63-64	0.01368	84,898	1,161	84,317	1,610,075	18.96
64-65	0.01494	83,737	1,251	83,111	1,525,758	18.22
65-66	0.01632	82,485	1,346	81,812	1,442,647	17.49
66-67	0.01776	81,139	1,441	80,418	1,360,834	16.77
67-68	0.01949	79,698	1,553	78,921	1,280,416	16.07
68-69	0.02138	78,144	1,671	77,309	1,201,495	15.38
69-70	0.02345	76,473	1,793	75,577	1,124,186	14.70
70-71	0.02571	74,680	1,920	73,720	1,048,610	14.04
71-72	0.02819	72,760	2,051	71,734	974,889	13.40
72-73	0.03090	70,709	2,185	69,617	903,155	12.77
73-74	0.03385	68,524	2,320	67,364	833,539	12.16
74-75	0.03708	66,204	2,455	64,977	766,174	11.57
75-76	0.04061	63,749	2,589	62,455	701,198	11.00
76-77	0.04445	61,160	2,719	59,801	638,743	10.44
77-78	0.04864	58,442	2,843	57,020	578,942	9.91
78-79	0.05321	55,599	2,958	54,120	521,922	9.39
79-80	0.05817	52,640	3,062	51,109	467,802	8.89
80-81	0.06357	49,578	3,152	48,002	416,693	8.40
81-82	0.06943	46,426	3,224	44,815	368,691	7.94
82-83	0.07579	43,203	3,274	41,566	323,876	7.50
83-84	0.08268	39,928	3,301	38,278	282,311	7.07
84-85	0.09014	36,627	3,301	34,976	244,033	6.66
85-86	0.09819	33,326	3,272	31,690	209,057	6.27
86-87	0.10688	30,053	3,212	28,447	177,367	5.90
87-88	0.11624	26,841	3,120	25,281	148,920	5.55
88-89	0.12630	23,721	2,996	22,223	123,639	5.21
89-90	0.13710	20,725	2,841	19,305	101,415	4.89
90-91	0.14866	17,884	2,659	16,555	82,111	4.59
91-92	0.16102	15,225	2,452	13,999	65,556	4.31
92-93	0.17420	12,774	2,225	11,661	51,557	4.04
93-94	0.18821	10,548	1,985	9,556	39,896	3.78
94-95	0.20307	8,563	1,739	7,694	30,340	3.54
95-96	0.21879	6,824	1,493	6,078	22,646	3.32
96-97	0.23537	5,331	1,255	4,704	16,569	3.11

97-98	0.25280	4,076	1,030	3,561	11,865	2.91
98-99	0.27105	3,046	826	2,633	8,304	2.73
99-100	0.29012	2,220	644	1,898	5,671	2.55
100-101	0.30996	1,576	489	1,332	3,773	2.39
101-102	0.33052	1,088	359	908	2,441	2.24
102-103	0.35175	728	256	600	1,533	2.11
103-104	0.37358	472	176	384	933	1.98
104-105	0.39594	296	117	237	549	1.86
105-106	0.41874	179	75	141	312	1.75
106-107	0.44190	104	46	81	171	1.64
107-108	0.46531	58	27	44	90	1.55
108-109	0.48888	31	15	23	45	1.46
109-110	0.51249	16	8	12	22	1.38

Table MN-3. Life table for females: Minnesota 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00490	100,000	490	99,755	8,180,056	81.80
1-2	0.00029	99,510	29	99,496	8,080,301	81.20
2-3	0.00021	99,481	21	99,470	7,980,805	80.22
3-4	0.00018	99,460	18	99,451	7,881,335	79.24
4-5	0.00016	99,442	16	99,434	7,781,884	78.26
5-6	0.00015	99,426	15	99,418	7,682,450	77.27
6-7	0.00015	99,411	15	99,403	7,583,032	76.28
7-8	0.00014	99,396	14	99,389	7,483,628	75.29
8-9	0.00013	99,382	13	99,376	7,384,239	74.30
9-10	0.00011	99,369	11	99,364	7,284,863	73.31
10-11	0.00010	99,358	10	99,353	7,185,500	72.32
11-12	0.00009	99,348	9	99,343	7,086,147	71.33
12-13	0.00011	99,339	11	99,333	6,986,804	70.33
13-14	0.00015	99,328	14	99,321	6,887,470	69.34
14-15	0.00020	99,314	20	99,304	6,788,150	68.35
15-16	0.00026	99,294	26	99,281	6,688,846	67.36
16-17	0.00031	99,268	31	99,252	6,589,565	66.38
17-18	0.00036	99,237	35	99,219	6,490,313	65.40
18-19	0.00038	99,202	38	99,183	6,391,093	64.43
19-20	0.00040	99,164	39	99,144	6,291,911	63.45
20-21	0.00041	99,124	41	99,104	6,192,767	62.47
21-22	0.00043	99,083	43	99,062	6,093,663	61.50
22-23	0.00044	99,041	43	99,019	5,994,601	60.53
23-24	0.00043	98,998	42	98,976	5,895,582	59.55
24-25	0.00041	98,955	41	98,935	5,796,606	58.58
25-26	0.00039	98,915	39	98,895	5,697,671	57.60
26-27	0.00037	98,876	37	98,858	5,598,775	56.62
27-28	0.00037	98,839	36	98,821	5,499,918	55.65
28-29	0.00038	98,803	37	98,784	5,401,097	54.67
29-30	0.00039	98,766	39	98,746	5,302,313	53.69
30-31	0.00041	98,727	41	98,706	5,203,566	52.71
31-32	0.00044	98,686	43	98,664	5,104,860	51.73
32-33	0.00048	98,643	47	98,619	5,006,196	50.75
33-34	0.00054	98,596	53	98,569	4,907,576	49.77
34-35	0.00061	98,543	60	98,513	4,809,007	48.80
35-36	0.00068	98,483	67	98,449	4,710,494	47.83
36-37	0.00076	98,416	74	98,378	4,612,045	46.86
37-38	0.00082	98,341	80	98,301	4,513,666	45.90
38-39	0.00086	98,261	85	98,219	4,415,365	44.94
39-40	0.00090	98,176	89	98,132	4,317,147	43.97
40-41	0.00094	98,088	92	98,041	4,219,015	43.01
41-42	0.00099	97,995	97	97,946	4,120,973	42.05
42-43	0.00107	97,898	105	97,845	4,023,027	41.09
43-44	0.00119	97,793	117	97,734	3,925,182	40.14

44-45	0.00135	97,676	131	97,610	3,827,448	39.19
45-46	0.00153	97,544	149	97,470	3,729,838	38.24
46-47	0.00169	97,396	165	97,313	3,632,368	37.30
47-48	0.00184	97,231	179	97,141	3,535,055	36.36
48-49	0.00198	97,052	192	96,956	3,437,914	35.42
49-50	0.00213	96,859	207	96,756	3,340,958	34.49
50-51	0.00233	96,653	225	96,540	3,244,202	33.57
51-52	0.00256	96,428	247	96,304	3,147,662	32.64
52-53	0.00281	96,181	270	96,046	3,051,358	31.73
53-54	0.00309	95,911	296	95,763	2,955,312	30.81
54-55	0.00340	95,614	325	95,452	2,859,549	29.91
55-56	0.00374	95,289	357	95,111	2,764,097	29.01
56-57	0.00413	94,932	392	94,737	2,668,987	28.11
57-58	0.00455	94,541	430	94,326	2,574,250	27.23
58-59	0.00502	94,111	472	93,875	2,479,924	26.35
59-60	0.00553	93,639	518	93,380	2,386,049	25.48
60-61	0.00611	93,121	569	92,836	2,292,669	24.62
61-62	0.00674	92,552	624	92,240	2,199,833	23.77
62-63	0.00745	91,927	685	91,585	2,107,594	22.93
63-64	0.00823	91,243	751	90,867	2,016,009	22.10
64-65	0.00909	90,492	823	90,081	1,925,141	21.27
65-66	0.01005	89,669	901	89,219	1,835,061	20.46
66-67	0.01110	88,768	985	88,276	1,745,842	19.67
67-68	0.01227	87,783	1,077	87,244	1,657,567	18.88
68-69	0.01356	86,706	1,176	86,118	1,570,322	18.11
69-70	0.01499	85,530	1,282	84,889	1,484,204	17.35
70-71	0.01657	84,248	1,396	83,550	1,399,315	16.61
71-72	0.01831	82,852	1,517	82,094	1,315,765	15.88
72-73	0.02023	81,336	1,646	80,513	1,233,671	15.17
73-74	0.02236	79,690	1,781	78,799	1,153,158	14.47
74-75	0.02470	77,908	1,924	76,946	1,074,359	13.79
75-76	0.02728	75,984	2,073	74,948	997,413	13.13
76-77	0.03013	73,911	2,227	72,798	922,465	12.48
77-78	0.03326	71,684	2,385	70,492	849,667	11.85
78-79	0.03672	69,300	2,544	68,028	779,175	11.24
79-80	0.04051	66,755	2,705	65,403	711,147	10.65
80-81	0.04469	64,051	2,862	62,620	645,744	10.08
81-82	0.04927	61,189	3,015	59,681	583,124	9.53
82-83	0.05430	58,174	3,159	56,595	523,443	9.00
83-84	0.05981	55,015	3,290	53,370	466,848	8.49
84-85	0.06584	51,725	3,406	50,022	413,478	7.99
85-86	0.07243	48,319	3,500	46,569	363,456	7.52
86-87	0.07963	44,819	3,569	43,035	316,887	7.07
87-88	0.08748	41,250	3,609	39,446	273,852	6.64
88-89	0.09603	37,641	3,615	35,834	234,406	6.23
89-90	0.10531	34,027	3,583	32,235	198,572	5.84
90-91	0.11538	30,443	3,513	28,687	166,337	5.46
91-92	0.12628	26,931	3,401	25,230	137,650	5.11
92-93	0.13805	23,530	3,248	21,906	112,420	4.78
93-94	0.15072	20,282	3,057	18,753	90,514	4.46
94-95	0.16434	17,225	2,831	15,809	71,761	4.17
95-96	0.17893	14,394	2,576	13,106	55,951	3.89
96-97	0.19451	11,819	2,299	10,669	42,845	3.63

97-98	0.21111	9,520	2,010	8,515	32,176	3.38
98-99	0.22872	7,510	1,718	6,651	23,661	3.15
99-100	0.24733	5,792	1,433	5,076	17,010	2.94
100-101	0.26694	4,360	1,164	3,778	11,933	2.74
101-102	0.28751	3,196	919	2,736	8,156	2.55
102-103	0.30900	2,277	704	1,925	5,419	2.38
103-104	0.33135	1,573	521	1,313	3,494	2.22
104-105	0.35449	1,052	373	866	2,181	2.07
105-106	0.37832	679	257	551	1,315	1.94
106-107	0.40276	422	170	337	765	1.81
107-108	0.42770	252	108	198	428	1.70
108-109	0.45300	144	65	112	229	1.59
109-110	0.47856	79	38	60	118	1.49

Table MN-4. Life table for the white population: Minnesota, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00493	100,000	493	99,754	7,974,945	79.75
1-2	0.00033	99,507	33	99,491	7,875,191	79.14
2-3	0.00024	99,474	24	99,462	7,775,700	78.17
3-4	0.00019	99,451	19	99,441	7,676,238	77.19
4-5	0.00016	99,432	16	99,424	7,576,796	76.20
5-6	0.00016	99,416	16	99,408	7,477,372	75.21
6-7	0.00016	99,400	15	99,392	7,377,964	74.22
7-8	0.00015	99,385	15	99,377	7,278,572	73.24
8-9	0.00014	99,370	14	99,363	7,179,195	72.25
9-10	0.00012	99,356	12	99,350	7,079,832	71.26
10-11	0.00010	99,344	10	99,339	6,980,482	70.27
11-12	0.00010	99,334	10	99,329	6,881,143	69.27
12-13	0.00012	99,324	12	99,318	6,781,814	68.28
13-14	0.00019	99,312	19	99,303	6,682,496	67.29
14-15	0.00028	99,293	28	99,279	6,583,194	66.30
15-16	0.00039	99,265	38	99,246	6,483,915	65.32
16-17	0.00048	99,227	47	99,203	6,384,669	64.34
17-18	0.00055	99,179	54	99,152	6,285,466	63.37
18-19	0.00059	99,125	59	99,096	6,186,314	62.41
19-20	0.00061	99,066	61	99,036	6,087,218	61.45
20-21	0.00064	99,005	63	98,974	5,988,182	60.48
21-22	0.00066	98,942	65	98,910	5,889,208	59.52
22-23	0.00067	98,877	66	98,844	5,790,298	58.56
23-24	0.00066	98,811	66	98,778	5,691,455	57.60
24-25	0.00064	98,745	64	98,713	5,592,677	56.64
25-26	0.00062	98,681	61	98,651	5,493,964	55.67
26-27	0.00060	98,620	59	98,591	5,395,313	54.71
27-28	0.00059	98,561	58	98,532	5,296,722	53.74
28-29	0.00060	98,503	59	98,474	5,198,189	52.77
29-30	0.00062	98,444	61	98,414	5,099,716	51.80
30-31	0.00065	98,383	64	98,351	5,001,302	50.83
31-32	0.00068	98,320	66	98,286	4,902,951	49.87
32-33	0.00071	98,253	70	98,218	4,804,664	48.90
33-34	0.00076	98,183	74	98,146	4,706,446	47.94
34-35	0.00081	98,109	79	98,069	4,608,300	46.97
35-36	0.00087	98,030	85	97,987	4,510,231	46.01
36-37	0.00093	97,945	91	97,899	4,412,243	45.05
37-38	0.00101	97,854	99	97,804	4,314,344	44.09
38-39	0.00110	97,755	107	97,701	4,216,540	43.13
39-40	0.00120	97,647	117	97,589	4,118,839	42.18
40-41	0.00131	97,530	128	97,466	4,021,250	41.23
41-42	0.00144	97,402	140	97,332	3,923,784	40.28
42-43	0.00157	97,262	153	97,185	3,826,452	39.34
43-44	0.00172	97,109	167	97,025	3,729,267	38.40
44-45	0.00189	96,941	183	96,850	3,632,242	37.47
45-46	0.00207	96,758	200	96,658	3,535,392	36.54
46-47	0.00227	96,558	219	96,448	3,438,734	35.61
47-48	0.00249	96,339	240	96,219	3,342,286	34.69
48-49	0.00273	96,099	262	95,968	3,246,067	33.78
49-50	0.00299	95,837	287	95,693	3,150,100	32.87
50-51	0.00328	95,550	313	95,394	3,054,406	31.97
51-52	0.00359	95,237	342	95,066	2,959,013	31.07

52-53	0.00394	94,895	373	94,708	2,863,947	30.18
53-54	0.00431	94,522	408	94,318	2,769,239	29.30
54-55	0.00473	94,114	445	93,891	2,674,921	28.42
55-56	0.00518	93,669	485	93,426	2,581,029	27.55
56-57	0.00568	93,184	529	92,919	2,487,603	26.70
57-58	0.00622	92,655	576	92,367	2,394,684	25.85
58-59	0.00681	92,079	627	91,765	2,302,317	25.00
59-60	0.00746	91,451	682	91,110	2,210,552	24.17
60-61	0.00817	90,769	742	90,398	2,119,441	23.35
61-62	0.00895	90,027	806	89,624	2,029,043	22.54
62-63	0.00980	89,221	875	88,784	1,939,419	21.74
63-64	0.01073	88,347	948	87,872	1,850,636	20.95
64-65	0.01175	87,398	1,027	86,885	1,762,763	20.17
65-66	0.01286	86,371	1,111	85,816	1,675,878	19.40
66-67	0.01409	85,260	1,201	84,660	1,590,063	18.65
67-68	0.01546	84,059	1,299	83,409	1,505,403	17.91
68-69	0.01696	82,760	1,403	82,058	1,421,993	17.18
69-70	0.01859	81,357	1,512	80,600	1,339,935	16.47
70-71	0.02037	79,844	1,627	79,031	1,259,335	15.77
71-72	0.02233	78,217	1,746	77,344	1,180,304	15.09
72-73	0.02446	76,471	1,870	75,536	1,102,960	14.42
73-74	0.02678	74,601	1,998	73,602	1,027,424	13.77
74-75	0.02931	72,603	2,128	71,539	953,822	13.14
75-76	0.03205	70,475	2,259	69,346	882,283	12.52
76-77	0.03504	68,217	2,390	67,021	812,937	11.92
77-78	0.03829	65,826	2,521	64,566	745,915	11.33
78-79	0.04183	63,306	2,648	61,982	681,349	10.76
79-80	0.04568	60,657	2,771	59,272	619,368	10.21
80-81	0.05032	57,887	2,913	56,430	560,096	9.68
81-82	0.05509	54,974	3,028	53,460	503,665	9.16
82-83	0.06027	51,945	3,131	50,380	450,206	8.67
83-84	0.06591	48,815	3,217	47,206	399,826	8.19
84-85	0.07203	45,597	3,285	43,955	352,620	7.73
85-86	0.07868	42,313	3,329	40,648	308,665	7.29
86-87	0.08587	38,984	3,348	37,310	268,017	6.88
87-88	0.09366	35,636	3,338	33,967	230,707	6.47
88-89	0.10206	32,298	3,296	30,650	196,740	6.09
89-90	0.11113	29,002	3,223	27,390	166,090	5.73
90-91	0.12089	25,779	3,116	24,221	138,699	5.38
91-92	0.13137	22,663	2,977	21,174	114,479	5.05
92-93	0.14261	19,685	2,807	18,282	93,304	4.74
93-94	0.15463	16,878	2,610	15,573	75,023	4.44
94-95	0.16747	14,268	2,389	13,073	59,449	4.17
95-96	0.18113	11,879	2,152	10,803	46,376	3.90
96-97	0.19564	9,727	1,903	8,776	35,573	3.66
97-98	0.21100	7,824	1,651	6,999	26,797	3.42
98-99	0.22722	6,173	1,403	5,472	19,799	3.21
99-100	0.24430	4,770	1,165	4,188	14,327	3.00
100-101	0.26221	3,605	945	3,132	10,139	2.81
101-102	0.28093	2,660	747	2,286	7,007	2.63
102-103	0.30044	1,913	575	1,625	4,721	2.47
103-104	0.32070	1,338	429	1,123	3,095	2.31
104-105	0.34164	909	311	754	1,972	2.17
105-106	0.36321	598	217	490	1,218	2.04
106-107	0.38534	381	147	308	728	1.91
107-108	0.40794	234	96	186	421	1.80
108-109	0.43094	139	60	109	234	1.69
109-110	0.45424	79	36	61	126	1.59

Table MN-5. Life table for white males: Minnesota, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00563	100,000	563	99,718	7,702,750	77.03
1-2	0.00044	99,437	44	99,415	7,603,032	76.46
2-3	0.00027	99,393	27	99,379	7,503,617	75.49
3-4	0.00020	99,366	20	99,355	7,404,238	74.52
4-5	0.00017	99,345	17	99,337	7,304,882	73.53
5-6	0.00016	99,328	16	99,320	7,205,546	72.54
6-7	0.00016	99,312	16	99,304	7,106,226	71.55
7-8	0.00016	99,296	16	99,288	7,006,922	70.57
8-9	0.00015	99,280	15	99,272	6,907,634	69.58
9-10	0.00013	99,265	13	99,258	6,808,362	68.59
10-11	0.00011	99,252	11	99,246	6,709,103	67.60
11-12	0.00011	99,241	11	99,235	6,609,857	66.60
12-13	0.00016	99,230	15	99,222	6,510,622	65.61
13-14	0.00025	99,214	24	99,202	6,411,400	64.62
14-15	0.00037	99,190	37	99,171	6,312,198	63.64
15-16	0.00051	99,153	50	99,128	6,213,027	62.66
16-17	0.00063	99,103	62	99,071	6,113,899	61.69
17-18	0.00073	99,040	72	99,004	6,014,828	60.73
18-19	0.00079	98,968	78	98,929	5,915,823	59.77
19-20	0.00083	98,890	82	98,849	5,816,894	58.82
20-21	0.00087	98,808	86	98,765	5,718,045	57.87
21-22	0.00092	98,722	91	98,676	5,619,281	56.92
22-23	0.00094	98,631	93	98,585	5,520,604	55.97
23-24	0.00093	98,538	92	98,492	5,422,020	55.02
24-25	0.00090	98,447	89	98,402	5,323,527	54.08
25-26	0.00086	98,358	84	98,316	5,225,125	53.12
26-27	0.00083	98,273	81	98,233	5,126,809	52.17
27-28	0.00082	98,192	80	98,152	5,028,577	51.21
28-29	0.00083	98,112	82	98,071	4,930,425	50.25
29-30	0.00087	98,030	85	97,987	4,832,354	49.29
30-31	0.00091	97,945	89	97,900	4,734,367	48.34
31-32	0.00094	97,856	92	97,810	4,636,466	47.38
32-33	0.00098	97,764	96	97,716	4,538,656	46.42
33-34	0.00102	97,668	100	97,618	4,440,940	45.47
34-35	0.00107	97,569	104	97,517	4,343,322	44.52
35-36	0.00113	97,465	110	97,410	4,245,805	43.56
36-37	0.00120	97,355	117	97,296	4,148,396	42.61
37-38	0.00129	97,238	126	97,175	4,051,099	41.66
38-39	0.00140	97,112	136	97,044	3,953,924	40.71
39-40	0.00153	96,976	148	96,902	3,856,880	39.77
40-41	0.00167	96,828	162	96,747	3,759,977	38.83
41-42	0.00182	96,666	176	96,578	3,663,230	37.90
42-43	0.00199	96,490	192	96,394	3,566,652	36.96
43-44	0.00218	96,298	210	96,194	3,470,257	36.04
44-45	0.00238	96,089	229	95,974	3,374,064	35.11
45-46	0.00261	95,860	250	95,735	3,278,090	34.20
46-47	0.00286	95,610	273	95,474	3,182,355	33.28
47-48	0.00313	95,337	298	95,188	3,086,881	32.38
48-49	0.00343	95,039	326	94,876	2,991,693	31.48
49-50	0.00375	94,713	355	94,536	2,896,817	30.59
50-51	0.00411	94,358	388	94,164	2,802,281	29.70
51-52	0.00450	93,970	423	93,758	2,708,117	28.82

52-53	0.00494	93,547	462	93,316	2,614,359	27.95
53-54	0.00541	93,085	503	92,833	2,521,043	27.08
54-55	0.00592	92,582	548	92,308	2,428,210	26.23
55-56	0.00649	92,033	597	91,735	2,335,902	25.38
56-57	0.00711	91,436	650	91,111	2,244,168	24.54
57-58	0.00779	90,786	707	90,433	2,153,056	23.72
58-59	0.00853	90,079	768	89,695	2,062,624	22.90
59-60	0.00934	89,311	834	88,894	1,972,929	22.09
60-61	0.01023	88,477	905	88,024	1,884,035	21.29
61-62	0.01120	87,571	981	87,081	1,796,011	20.51
62-63	0.01227	86,590	1,062	86,059	1,708,930	19.74
63-64	0.01343	85,528	1,149	84,954	1,622,870	18.97
64-65	0.01470	84,379	1,241	83,759	1,537,917	18.23
65-66	0.01610	83,139	1,338	82,470	1,454,158	17.49
66-67	0.01750	81,801	1,432	81,085	1,371,688	16.77
67-68	0.01923	80,369	1,545	79,596	1,290,603	16.06
68-69	0.02112	78,824	1,665	77,991	1,211,007	15.36
69-70	0.02319	77,159	1,789	76,264	1,133,016	14.68
70-71	0.02546	75,369	1,919	74,410	1,056,752	14.02
71-72	0.02795	73,450	2,053	72,424	982,342	13.37
72-73	0.03067	71,397	2,190	70,302	909,918	12.74
73-74	0.03365	69,207	2,329	68,043	839,616	12.13
74-75	0.03691	66,878	2,469	65,644	771,573	11.54
75-76	0.04047	64,409	2,607	63,106	705,930	10.96
76-77	0.04436	61,803	2,742	60,432	642,823	10.40
77-78	0.04860	59,061	2,870	57,626	582,392	9.86
78-79	0.05323	56,191	2,991	54,695	524,766	9.34
79-80	0.05826	53,200	3,100	51,650	470,070	8.84
80-81	0.06375	50,100	3,194	48,503	418,420	8.35
81-82	0.06971	46,907	3,270	45,272	369,917	7.89
82-83	0.07618	43,637	3,324	41,975	324,645	7.44
83-84	0.08320	40,313	3,354	38,636	282,671	7.01
84-85	0.09080	36,959	3,356	35,281	244,035	6.60
85-86	0.09903	33,603	3,328	31,939	208,755	6.21
86-87	0.10790	30,275	3,267	28,642	176,816	5.84
87-88	0.11748	27,008	3,173	25,422	148,174	5.49
88-89	0.12777	23,835	3,046	22,313	122,752	5.15
89-90	0.13883	20,790	2,886	19,347	100,440	4.83
90-91	0.15069	17,904	2,698	16,555	81,093	4.53
91-92	0.16336	15,206	2,484	13,964	64,538	4.24
92-93	0.17687	12,722	2,250	11,597	50,575	3.98
93-94	0.19125	10,472	2,003	9,470	38,978	3.72
94-95	0.20650	8,469	1,749	7,594	29,508	3.48
95-96	0.22264	6,720	1,496	5,972	21,913	3.26
96-97	0.23965	5,224	1,252	4,598	15,941	3.05
97-98	0.25754	3,972	1,023	3,461	11,343	2.86
98-99	0.27627	2,949	815	2,542	7,883	2.67
99-100	0.29582	2,134	631	1,819	5,341	2.50
100-101	0.31616	1,503	475	1,265	3,522	2.34
101-102	0.33722	1,028	347	854	2,257	2.20
102-103	0.35895	681	245	559	1,403	2.06
103-104	0.38127	437	166	353	844	1.93
104-105	0.40410	270	109	216	490	1.81
105-106	0.42736	161	69	127	275	1.71
106-107	0.45095	92	42	71	148	1.60
107-108	0.47475	51	24	39	77	1.51
108-109	0.49867	27	13	20	38	1.43
109-110	0.52260	13	7	10	18	1.35

Table MN-6. Life table for white females: Minnesota, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00441	100,000	441	99,779	8,260,781	82.61
1-2	0.00022	99,559	21	99,548	8,161,002	81.97
2-3	0.00020	99,537	20	99,527	8,061,454	80.99
3-4	0.00017	99,518	17	99,509	7,961,926	80.01
4-5	0.00015	99,501	15	99,493	7,862,417	79.02
5-6	0.00015	99,485	15	99,478	7,762,924	78.03
6-7	0.00015	99,470	15	99,463	7,663,446	77.04
7-8	0.00014	99,456	14	99,449	7,563,983	76.05
8-9	0.00013	99,442	13	99,435	7,464,534	75.06
9-10	0.00011	99,429	11	99,423	7,365,099	74.07
10-11	0.00009	99,418	9	99,414	7,265,676	73.08
11-12	0.00008	99,409	8	99,405	7,166,262	72.09
12-13	0.00009	99,401	9	99,397	7,066,857	71.09
13-14	0.00013	99,392	13	99,386	6,967,460	70.10
14-15	0.00019	99,379	19	99,370	6,868,074	69.11
15-16	0.00026	99,360	26	99,348	6,768,704	68.12
16-17	0.00032	99,335	32	99,319	6,669,357	67.14
17-18	0.00036	99,303	36	99,285	6,570,038	66.16
18-19	0.00038	99,267	38	99,248	6,470,752	65.19
19-20	0.00039	99,229	38	99,210	6,371,504	64.21
20-21	0.00039	99,191	38	99,172	6,272,293	63.23
21-22	0.00039	99,153	39	99,133	6,173,122	62.26
22-23	0.00039	99,114	39	99,094	6,073,988	61.28
23-24	0.00039	99,075	38	99,056	5,974,894	60.31
24-25	0.00038	99,037	37	99,018	5,875,838	59.33
25-26	0.00037	98,999	36	98,981	5,776,820	58.35
26-27	0.00036	98,963	36	98,945	5,677,839	57.37
27-28	0.00036	98,927	35	98,910	5,578,895	56.39
28-29	0.00036	98,892	35	98,874	5,479,985	55.41
29-30	0.00037	98,857	36	98,838	5,381,111	54.43
30-31	0.00038	98,820	38	98,801	5,282,272	53.45
31-32	0.00040	98,783	40	98,763	5,183,471	52.47
32-33	0.00044	98,743	44	98,721	5,084,708	51.49
33-34	0.00049	98,699	48	98,675	4,985,987	50.52
34-35	0.00054	98,651	54	98,624	4,887,312	49.54
35-36	0.00060	98,597	59	98,567	4,788,688	48.57
36-37	0.00066	98,538	65	98,505	4,690,121	47.60
37-38	0.00072	98,472	71	98,437	4,591,616	46.63
38-39	0.00079	98,401	78	98,362	4,493,179	45.66
39-40	0.00087	98,323	85	98,280	4,394,817	44.70
40-41	0.00096	98,238	94	98,191	4,296,536	43.74
41-42	0.00105	98,144	103	98,092	4,198,345	42.78
42-43	0.00115	98,041	113	97,984	4,100,253	41.82
43-44	0.00127	97,927	124	97,865	4,002,269	40.87
44-45	0.00139	97,803	136	97,735	3,904,404	39.92
45-46	0.00153	97,668	149	97,593	3,806,668	38.98
46-47	0.00168	97,518	163	97,437	3,709,075	38.03
47-48	0.00184	97,355	179	97,265	3,611,638	37.10
48-49	0.00202	97,176	196	97,078	3,514,373	36.17
49-50	0.00222	96,980	215	96,872	3,417,295	35.24
50-51	0.00243	96,765	236	96,647	3,320,423	34.31
51-52	0.00267	96,529	258	96,400	3,223,776	33.40

52-53	0.00293	96,271	283	96,130	3,127,376	32.49
53-54	0.00322	95,989	309	95,834	3,031,246	31.58
54-55	0.00354	95,679	338	95,510	2,935,412	30.68
55-56	0.00388	95,341	370	95,156	2,839,902	29.79
56-57	0.00426	94,971	405	94,768	2,744,746	28.90
57-58	0.00468	94,566	443	94,345	2,649,978	28.02
58-59	0.00514	94,123	483	93,882	2,555,633	27.15
59-60	0.00564	93,640	528	93,376	2,461,752	26.29
60-61	0.00619	93,112	576	92,824	2,368,376	25.44
61-62	0.00679	92,536	629	92,221	2,275,552	24.59
62-63	0.00746	91,907	685	91,564	2,183,331	23.76
63-64	0.00818	91,222	746	90,849	2,091,766	22.93
64-65	0.00898	90,476	812	90,069	2,000,918	22.12
65-66	0.00985	89,663	883	89,221	1,910,848	21.31
66-67	0.01093	88,780	971	88,294	1,821,627	20.52
67-68	0.01202	87,809	1,055	87,281	1,733,332	19.74
68-69	0.01321	86,754	1,146	86,181	1,646,051	18.97
69-70	0.01452	85,608	1,243	84,986	1,559,870	18.22
70-71	0.01596	84,365	1,346	83,692	1,474,884	17.48
71-72	0.01753	83,019	1,455	82,291	1,391,193	16.76
72-73	0.01926	81,563	1,571	80,778	1,308,902	16.05
73-74	0.02115	79,992	1,692	79,146	1,228,124	15.35
74-75	0.02323	78,300	1,819	77,391	1,148,977	14.67
75-76	0.02550	76,482	1,951	75,506	1,071,586	14.01
76-77	0.02799	74,531	2,086	73,488	996,080	13.36
77-78	0.03072	72,445	2,226	71,332	922,592	12.74
78-79	0.03370	70,219	2,367	69,036	851,260	12.12
79-80	0.03697	67,852	2,508	66,598	782,225	11.53
80-81	0.04053	65,344	2,648	64,020	715,626	10.95
81-82	0.04442	62,696	2,785	61,303	651,607	10.39
82-83	0.04867	59,910	2,916	58,453	590,303	9.85
83-84	0.05330	56,995	3,038	55,476	531,851	9.33
84-85	0.05834	53,957	3,148	52,383	476,375	8.83
85-86	0.06383	50,809	3,243	49,187	423,992	8.34
86-87	0.06980	47,565	3,320	45,905	374,805	7.88
87-88	0.07628	44,245	3,375	42,558	328,900	7.43
88-89	0.08331	40,870	3,405	39,168	286,342	7.01
89-90	0.09092	37,466	3,406	35,762	247,174	6.60
90-91	0.09915	34,059	3,377	32,371	211,412	6.21
91-92	0.10804	30,682	3,315	29,025	179,041	5.84
92-93	0.11762	27,367	3,219	25,758	150,016	5.48
93-94	0.12792	24,149	3,089	22,604	124,258	5.15
94-95	0.13899	21,059	2,927	19,596	101,654	4.83
95-96	0.15085	18,132	2,735	16,765	82,058	4.53
96-97	0.16354	15,397	2,518	14,138	65,294	4.24
97-98	0.17706	12,879	2,280	11,739	51,156	3.97
98-99	0.19145	10,599	2,029	9,584	39,417	3.72
99-100	0.20671	8,570	1,771	7,684	29,833	3.48
100-101	0.22285	6,798	1,515	6,041	22,149	3.26
101-102	0.23988	5,283	1,267	4,649	16,108	3.05
102-103	0.25777	4,016	1,035	3,498	11,459	2.85
103-104	0.27651	2,981	824	2,569	7,961	2.67
104-105	0.29607	2,156	638	1,837	5,392	2.50
105-106	0.31641	1,518	480	1,278	3,555	2.34
106-107	0.33748	1,038	350	863	2,277	2.19
107-108	0.35921	687	247	564	1,414	2.06
108-109	0.38154	441	168	356	850	1.93
109-110	0.40438	272	110	217	494	1.81

Table MN-7. Life table for the black population: Minnesota, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00709	100,000	709	99,645	7,406,464	74.06
1-2	0.00089	99,291	88	99,247	7,306,819	73.59
2-3	0.00073	99,203	72	99,167	7,207,572	72.65
3-4	0.00058	99,131	57	99,102	7,108,405	71.71
4-5	0.00043	99,073	43	99,052	7,009,303	70.75
5-6	0.00034	99,030	34	99,013	6,910,251	69.78
6-7	0.00029	98,997	29	98,982	6,811,238	68.80
7-8	0.00027	98,967	27	98,954	6,712,256	67.82
8-9	0.00024	98,941	24	98,929	6,613,302	66.84
9-10	0.00022	98,916	22	98,906	6,514,373	65.86
10-11	0.00021	98,895	21	98,884	6,415,468	64.87
11-12	0.00022	98,873	22	98,862	6,316,584	63.89
12-13	0.00025	98,851	25	98,839	6,217,722	62.90
13-14	0.00032	98,826	31	98,810	6,118,883	61.92
14-15	0.00040	98,795	40	98,775	6,020,072	60.94
15-16	0.00052	98,755	52	98,729	5,921,297	59.96
16-17	0.00068	98,703	67	98,670	5,822,568	58.99
17-18	0.00083	98,636	82	98,595	5,723,898	58.03
18-19	0.00098	98,554	96	98,506	5,625,303	57.08
19-20	0.00111	98,458	109	98,403	5,526,797	56.13
20-21	0.00120	98,349	118	98,290	5,428,394	55.20
21-22	0.00126	98,231	124	98,169	5,330,104	54.26
22-23	0.00131	98,107	129	98,042	5,231,936	53.33
23-24	0.00133	97,978	130	97,913	5,133,893	52.40
24-25	0.00134	97,848	131	97,782	5,035,981	51.47
25-26	0.00137	97,717	134	97,650	4,938,198	50.54
26-27	0.00139	97,583	136	97,515	4,840,548	49.60
27-28	0.00140	97,447	136	97,379	4,743,033	48.67
28-29	0.00142	97,311	138	97,242	4,645,654	47.74
29-30	0.00145	97,173	141	97,103	4,548,412	46.81
30-31	0.00146	97,032	142	96,961	4,451,309	45.87
31-32	0.00149	96,890	145	96,818	4,354,348	44.94
32-33	0.00156	96,746	151	96,670	4,257,530	44.01
33-34	0.00164	96,595	158	96,516	4,160,860	43.08
34-35	0.00173	96,436	167	96,353	4,064,344	42.15
35-36	0.00185	96,269	178	96,180	3,967,991	41.22
36-37	0.00199	96,091	192	95,995	3,871,811	40.29
37-38	0.00214	95,899	206	95,796	3,775,816	39.37
38-39	0.00231	95,694	221	95,583	3,680,020	38.46
39-40	0.00249	95,473	238	95,354	3,584,436	37.54
40-41	0.00270	95,235	257	95,107	3,489,082	36.64
41-42	0.00293	94,979	278	94,839	3,393,975	35.73
42-43	0.00318	94,700	301	94,550	3,299,136	34.84
43-44	0.00345	94,399	326	94,236	3,204,586	33.95

44-45	0.00375	94,073	352	93,897	3,110,349	33.06
45-46	0.00407	93,721	381	93,531	3,016,452	32.19
46-47	0.00441	93,340	412	93,134	2,922,922	31.31
47-48	0.00479	92,928	445	92,705	2,829,788	30.45
48-49	0.00520	92,483	481	92,242	2,737,082	29.60
49-50	0.00563	92,002	518	91,743	2,644,840	28.75
50-51	0.00610	91,484	558	91,204	2,553,098	27.91
51-52	0.00661	90,925	601	90,624	2,461,893	27.08
52-53	0.00716	90,324	647	90,000	2,371,269	26.25
53-54	0.00777	89,677	697	89,328	2,281,268	25.44
54-55	0.00843	88,980	751	88,605	2,191,940	24.63
55-56	0.00916	88,229	808	87,825	2,103,336	23.84
56-57	0.00994	87,421	869	86,987	2,015,510	23.06
57-58	0.01078	86,553	933	86,086	1,928,523	22.28
58-59	0.01168	85,620	1,000	85,120	1,842,437	21.52
59-60	0.01265	84,620	1,071	84,084	1,757,317	20.77
60-61	0.01371	83,549	1,145	82,976	1,673,233	20.03
61-62	0.01485	82,404	1,224	81,792	1,590,257	19.30
62-63	0.01609	81,180	1,307	80,527	1,508,465	18.58
63-64	0.01745	79,873	1,394	79,177	1,427,938	17.88
64-65	0.01892	78,480	1,485	77,737	1,348,762	17.19
65-66	0.02052	76,995	1,580	76,205	1,271,025	16.51
66-67	0.02226	75,415	1,678	74,576	1,194,820	15.84
67-68	0.02416	73,737	1,781	72,846	1,120,244	15.19
68-69	0.02625	71,955	1,889	71,011	1,047,398	14.56
69-70	0.02854	70,067	2,000	69,067	976,387	13.94
70-71	0.03105	68,067	2,114	67,010	907,320	13.33
71-72	0.03377	65,953	2,227	64,840	840,310	12.74
72-73	0.03670	63,726	2,338	62,557	775,471	12.17
73-74	0.03981	61,387	2,444	60,165	712,914	11.61
74-75	0.04312	58,944	2,542	57,673	652,749	11.07
75-76	0.04666	56,402	2,632	55,086	595,076	10.55
76-77	0.05048	53,770	2,715	52,413	539,990	10.04
77-78	0.05465	51,056	2,790	49,661	487,576	9.55
78-79	0.05924	48,266	2,859	46,836	437,916	9.07
79-80	0.06427	45,407	2,918	43,947	391,079	8.61
80-81	0.06964	42,488	2,959	41,009	347,132	8.17
81-82	0.07541	39,529	2,981	38,039	306,123	7.74
82-83	0.08162	36,548	2,983	35,057	268,085	7.34
83-84	0.08829	33,565	2,963	32,084	233,028	6.94
84-85	0.09544	30,602	2,921	29,142	200,944	6.57
85-86	0.10312	27,681	2,854	26,254	171,802	6.21
86-87	0.11134	24,827	2,764	23,445	145,548	5.86
87-88	0.12013	22,063	2,650	20,737	122,104	5.53
88-89	0.12951	19,412	2,514	18,155	101,366	5.22
89-90	0.13951	16,898	2,358	15,719	83,211	4.92
90-91	0.15016	14,541	2,183	13,449	67,492	4.64
91-92	0.16146	12,357	1,995	11,360	54,043	4.37
92-93	0.17345	10,362	1,797	9,463	42,683	4.12
93-94	0.18613	8,565	1,594	7,768	33,220	3.88
94-95	0.19952	6,971	1,391	6,275	25,452	3.65
95-96	0.21362	5,580	1,192	4,984	19,177	3.44
96-97	0.22844	4,388	1,002	3,887	14,193	3.23

97-98	0.24397	3,385	826	2,972	10,307	3.04
98-99	0.26020	2,560	666	2,227	7,334	2.87
99-100	0.27712	1,894	525	1,631	5,108	2.70
100-101	0.29471	1,369	403	1,167	3,477	2.54
101-102	0.31294	965	302	814	2,310	2.39
102-103	0.33176	663	220	553	1,495	2.25
103-104	0.35114	443	156	365	942	2.13
104-105	0.37103	288	107	234	577	2.00
105-106	0.39137	181	71	145	342	1.89
106-107	0.41210	110	45	87	197	1.79
107-108	0.43315	65	28	51	109	1.69
108-109	0.45444	37	17	28	59	1.60
109-110	0.47591	20	10	15	30	1.52

Table MN-8. Life table for black males: Minnesota, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.01033	100,000	1,033	99,483	7,158,915	71.59
1-2	0.00090	98,967	89	98,923	7,059,431	71.33
2-3	0.00075	98,878	74	98,841	6,960,509	70.39
3-4	0.00062	98,804	61	98,773	6,861,668	69.45
4-5	0.00049	98,743	48	98,719	6,762,894	68.49
5-6	0.00041	98,695	40	98,674	6,664,175	67.52
6-7	0.00036	98,654	35	98,637	6,565,501	66.55
7-8	0.00033	98,619	32	98,603	6,466,864	65.57
8-9	0.00029	98,587	28	98,573	6,368,262	64.60
9-10	0.00026	98,558	25	98,546	6,269,689	63.61
10-11	0.00024	98,533	24	98,521	6,171,143	62.63
11-12	0.00025	98,509	25	98,496	6,072,622	61.65
12-13	0.00030	98,484	29	98,469	5,974,126	60.66
13-14	0.00038	98,455	38	98,436	5,875,657	59.68
14-15	0.00051	98,417	50	98,392	5,777,221	58.70
15-16	0.00071	98,367	70	98,332	5,678,829	57.73
16-17	0.00098	98,297	96	98,249	5,580,497	56.77
17-18	0.00126	98,201	124	98,139	5,482,248	55.83
18-19	0.00152	98,077	149	98,003	5,384,108	54.90
19-20	0.00174	97,928	170	97,843	5,286,105	53.98
20-21	0.00187	97,758	182	97,667	5,188,262	53.07
21-22	0.00193	97,576	188	97,482	5,090,595	52.17
22-23	0.00195	97,388	190	97,293	4,993,113	51.27
23-24	0.00195	97,197	190	97,103	4,895,821	50.37
24-25	0.00194	97,008	189	96,914	4,798,718	49.47
25-26	0.00196	96,819	190	96,725	4,701,805	48.56
26-27	0.00196	96,630	190	96,535	4,605,080	47.66
27-28	0.00192	96,440	185	96,347	4,508,545	46.75
28-29	0.00190	96,255	183	96,163	4,412,198	45.84
29-30	0.00188	96,072	181	95,982	4,316,035	44.92
30-31	0.00186	95,891	179	95,802	4,220,053	44.01
31-32	0.00186	95,712	178	95,623	4,124,251	43.09
32-33	0.00191	95,534	183	95,443	4,028,628	42.17
33-34	0.00199	95,351	190	95,256	3,933,185	41.25
34-35	0.00209	95,161	199	95,062	3,837,928	40.33
35-36	0.00222	94,963	211	94,857	3,742,866	39.41
36-37	0.00240	94,752	227	94,638	3,648,009	38.50
37-38	0.00258	94,524	244	94,402	3,553,371	37.59
38-39	0.00277	94,280	261	94,150	3,458,969	36.69
39-40	0.00297	94,019	280	93,879	3,364,819	35.79
40-41	0.00321	93,740	301	93,589	3,270,940	34.89
41-42	0.00348	93,439	325	93,276	3,177,351	34.00
42-43	0.00377	93,114	351	92,938	3,084,075	33.12
43-44	0.00409	92,763	380	92,573	2,991,136	32.25

44-45	0.00444	92,383	410	92,178	2,898,564	31.38
45-46	0.00482	91,973	443	91,751	2,806,386	30.51
46-47	0.00523	91,529	479	91,290	2,714,635	29.66
47-48	0.00568	91,051	517	90,792	2,623,345	28.81
48-49	0.00616	90,534	558	90,255	2,532,553	27.97
49-50	0.00668	89,976	601	89,675	2,442,298	27.14
50-51	0.00725	89,375	648	89,051	2,352,622	26.32
51-52	0.00787	88,726	698	88,377	2,263,572	25.51
52-53	0.00854	88,028	752	87,652	2,175,195	24.71
53-54	0.00927	87,276	809	86,872	2,087,542	23.92
54-55	0.01005	86,468	869	86,033	2,000,670	23.14
55-56	0.01090	85,599	933	85,132	1,914,637	22.37
56-57	0.01183	84,665	1,001	84,164	1,829,506	21.61
57-58	0.01283	83,664	1,073	83,127	1,745,341	20.86
58-59	0.01392	82,590	1,149	82,016	1,662,214	20.13
59-60	0.01509	81,441	1,229	80,826	1,580,199	19.40
60-61	0.01636	80,212	1,313	79,556	1,499,372	18.69
61-62	0.01774	78,899	1,400	78,199	1,419,817	18.00
62-63	0.01923	77,500	1,491	76,754	1,341,617	17.31
63-64	0.02085	76,009	1,585	75,217	1,264,863	16.64
64-65	0.02260	74,424	1,682	73,583	1,189,646	15.98
65-66	0.02449	72,742	1,781	71,852	1,116,063	15.34
66-67	0.02653	70,961	1,883	70,020	1,044,212	14.72
67-68	0.02874	69,078	1,985	68,086	974,192	14.10
68-69	0.03113	67,093	2,089	66,048	906,106	13.51
69-70	0.03371	65,004	2,191	63,908	840,058	12.92
70-71	0.03650	62,813	2,292	61,667	776,149	12.36
71-72	0.03950	60,520	2,391	59,325	714,483	11.81
72-73	0.04275	58,130	2,485	56,887	655,158	11.27
73-74	0.04624	55,645	2,573	54,358	598,270	10.75
74-75	0.05001	53,072	2,654	51,745	543,912	10.25
75-76	0.05407	50,418	2,726	49,055	492,167	9.76
76-77	0.05843	47,692	2,787	46,298	443,113	9.29
77-78	0.06313	44,905	2,835	43,488	396,814	8.84
78-79	0.06817	42,070	2,868	40,636	353,326	8.40
79-80	0.07359	39,202	2,885	37,760	312,690	7.98
80-81	0.07940	36,317	2,884	34,876	274,930	7.57
81-82	0.08563	33,434	2,863	32,002	240,055	7.18
82-83	0.09229	30,571	2,821	29,160	208,052	6.81
83-84	0.09942	27,750	2,759	26,370	178,892	6.45
84-85	0.10703	24,991	2,675	23,653	152,522	6.10
85-86	0.11516	22,316	2,570	21,031	128,868	5.77
86-87	0.12381	19,746	2,445	18,524	107,837	5.46
87-88	0.13301	17,301	2,301	16,151	89,313	5.16
88-89	0.14279	15,000	2,142	13,929	73,162	4.88
89-90	0.15316	12,858	1,969	11,873	59,233	4.61
90-91	0.16414	10,889	1,787	9,995	47,360	4.35
91-92	0.17575	9,101	1,600	8,302	37,365	4.11
92-93	0.18799	7,502	1,410	6,797	29,063	3.87
93-94	0.20087	6,092	1,224	5,480	22,266	3.66
94-95	0.21440	4,868	1,044	4,346	16,786	3.45
95-96	0.22859	3,824	874	3,387	12,440	3.25
96-97	0.24342	2,950	718	2,591	9,053	3.07

97-98	0.25889	2,232	578	1,943	6,462	2.90
98-99	0.27499	1,654	455	1,427	4,519	2.73
99-100	0.29169	1,199	350	1,024	3,092	2.58
100-101	0.30898	849	262	718	2,068	2.43
101-102	0.32682	587	192	491	1,349	2.30
102-103	0.34517	395	136	327	858	2.17
103-104	0.36400	259	94	212	531	2.05
104-105	0.38325	165	63	133	320	1.94
105-106	0.40288	101	41	81	187	1.84
106-107	0.42282	61	26	48	106	1.74
107-108	0.44302	35	15	27	58	1.65
108-109	0.46341	19	9	15	31	1.57
109-110	0.48392	10	5	8	16	1.49

Table MN-9. Life table for black females: Minnesota, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00474	100,000	474	99,763	7,660,475	76.60
1-2	0.00088	99,526	87	99,482	7,560,712	75.97
2-3	0.00070	99,439	70	99,404	7,461,229	75.03
3-4	0.00054	99,369	53	99,342	7,361,825	74.09
4-5	0.00037	99,316	37	99,297	7,262,483	73.13
5-6	0.00027	99,279	27	99,265	7,163,186	72.15
6-7	0.00023	99,251	22	99,240	7,063,921	71.17
7-8	0.00021	99,229	21	99,219	6,964,681	70.19
8-9	0.00020	99,208	19	99,198	6,865,462	69.20
9-10	0.00018	99,189	18	99,180	6,766,264	68.22
10-11	0.00018	99,170	18	99,161	6,667,084	67.23
11-12	0.00019	99,152	19	99,143	6,567,923	66.24
12-13	0.00021	99,133	21	99,123	6,468,780	65.25
13-14	0.00025	99,113	24	99,100	6,369,657	64.27
14-15	0.00029	99,088	29	99,074	6,270,557	63.28
15-16	0.00033	99,059	33	99,043	6,171,483	62.30
16-17	0.00037	99,026	37	99,008	6,072,440	61.32
17-18	0.00039	98,990	38	98,970	5,973,432	60.34
18-19	0.00041	98,951	41	98,931	5,874,462	59.37
19-20	0.00046	98,910	46	98,887	5,775,531	58.39
20-21	0.00051	98,864	51	98,839	5,676,644	57.42
21-22	0.00058	98,814	57	98,785	5,577,805	56.45
22-23	0.00065	98,757	64	98,725	5,479,019	55.48
23-24	0.00069	98,692	68	98,658	5,380,295	54.52
24-25	0.00072	98,624	71	98,589	5,281,637	53.55
25-26	0.00076	98,554	75	98,516	5,183,048	52.59
26-27	0.00081	98,479	79	98,439	5,084,531	51.63
27-28	0.00086	98,399	84	98,357	4,986,093	50.67
28-29	0.00093	98,315	91	98,269	4,887,736	49.72
29-30	0.00098	98,224	97	98,176	4,789,466	48.76
30-31	0.00103	98,127	101	98,077	4,691,291	47.81
31-32	0.00109	98,026	107	97,973	4,593,214	46.86
32-33	0.00116	97,919	113	97,863	4,495,241	45.91
33-34	0.00124	97,806	121	97,745	4,397,378	44.96
34-35	0.00134	97,685	130	97,620	4,299,633	44.02
35-36	0.00144	97,554	140	97,484	4,202,013	43.07
36-37	0.00154	97,414	150	97,339	4,104,529	42.13
37-38	0.00165	97,264	161	97,184	4,007,190	41.20
38-39	0.00178	97,103	173	97,017	3,910,006	40.27
39-40	0.00192	96,931	186	96,838	3,812,989	39.34
40-41	0.00209	96,744	202	96,643	3,716,152	38.41
41-42	0.00226	96,542	218	96,433	3,619,508	37.49
42-43	0.00245	96,324	236	96,207	3,523,075	36.58
43-44	0.00265	96,089	255	95,962	3,426,868	35.66

44-45	0.00287	95,834	275	95,697	3,330,906	34.76
45-46	0.00312	95,559	298	95,410	3,235,210	33.86
46-47	0.00339	95,261	323	95,100	3,139,800	32.96
47-48	0.00368	94,938	349	94,764	3,044,700	32.07
48-49	0.00400	94,589	378	94,400	2,949,936	31.19
49-50	0.00435	94,211	410	94,006	2,855,536	30.31
50-51	0.00473	93,801	444	93,579	2,761,530	29.44
51-52	0.00515	93,357	481	93,116	2,667,952	28.58
52-53	0.00561	92,876	521	92,615	2,574,835	27.72
53-54	0.00611	92,354	565	92,072	2,482,220	26.88
54-55	0.00666	91,790	612	91,484	2,390,148	26.04
55-56	0.00726	91,178	662	90,847	2,298,664	25.21
56-57	0.00792	90,516	716	90,158	2,207,817	24.39
57-58	0.00863	89,800	775	89,412	2,117,659	23.58
58-59	0.00941	89,025	838	88,606	2,028,247	22.78
59-60	0.01026	88,187	905	87,734	1,939,641	21.99
60-61	0.01120	87,282	977	86,793	1,851,907	21.22
61-62	0.01221	86,304	1,054	85,777	1,765,114	20.45
62-63	0.01332	85,250	1,136	84,683	1,679,336	19.70
63-64	0.01453	84,115	1,222	83,503	1,594,654	18.96
64-65	0.01585	82,892	1,314	82,235	1,511,150	18.23
65-66	0.01729	81,578	1,411	80,873	1,428,915	17.52
66-67	0.01887	80,167	1,512	79,411	1,348,043	16.82
67-68	0.02058	78,655	1,618	77,845	1,268,632	16.13
68-69	0.02244	77,036	1,729	76,172	1,190,786	15.46
69-70	0.02447	75,307	1,843	74,386	1,114,614	14.80
70-71	0.02669	73,464	1,960	72,484	1,040,229	14.16
71-72	0.02909	71,504	2,080	70,464	967,744	13.53
72-73	0.03171	69,424	2,201	68,323	897,281	12.92
73-74	0.03456	67,222	2,323	66,061	828,958	12.33
74-75	0.03765	64,899	2,444	63,677	762,897	11.76
75-76	0.04101	62,456	2,561	61,175	699,219	11.20
76-77	0.04466	59,894	2,675	58,557	638,045	10.65
77-78	0.04862	57,219	2,782	55,828	579,488	10.13
78-79	0.05291	54,437	2,880	52,997	523,660	9.62
79-80	0.05755	51,557	2,967	50,074	470,662	9.13
80-81	0.06258	48,590	3,041	47,070	420,589	8.66
81-82	0.06802	45,549	3,098	44,000	373,519	8.20
82-83	0.07389	42,451	3,137	40,883	329,519	7.76
83-84	0.08023	39,314	3,154	37,737	288,636	7.34
84-85	0.08706	36,160	3,148	34,586	250,899	6.94
85-86	0.09441	33,012	3,117	31,454	216,312	6.55
86-87	0.10231	29,896	3,059	28,366	184,858	6.18
87-88	0.11080	26,837	2,974	25,350	156,492	5.83
88-89	0.11990	23,863	2,861	22,433	131,142	5.50
89-90	0.12963	21,002	2,723	19,641	108,709	5.18
90-91	0.14003	18,280	2,560	17,000	89,068	4.87
91-92	0.15112	15,720	2,376	14,532	72,068	4.58
92-93	0.16293	13,344	2,174	12,257	57,536	4.31
93-94	0.17546	11,170	1,960	10,190	45,279	4.05
94-95	0.18875	9,210	1,738	8,341	35,088	3.81
95-96	0.20279	7,472	1,515	6,714	26,748	3.58
96-97	0.21760	5,957	1,296	5,309	20,033	3.36

97-98	0.23317	4,660	1,087	4,117	14,725	3.16
98-99	0.24950	3,574	892	3,128	10,608	2.97
99-100	0.26658	2,682	715	2,325	7,480	2.79
100-101	0.28438	1,967	559	1,687	5,155	2.62
101-102	0.30289	1,408	426	1,195	3,468	2.46
102-103	0.32205	981	316	823	2,273	2.32
103-104	0.34184	665	227	552	1,450	2.18
104-105	0.36219	438	159	359	898	2.05
105-106	0.38304	279	107	226	540	1.93
106-107	0.40434	172	70	137	314	1.82
107-108	0.42600	103	44	81	176	1.72
108-109	0.44795	59	26	46	96	1.62
109-110	0.47011	33	15	25	50	1.53

Table MN-10. Standard errors of the probability of dying, Minnesota, 1999-2001

Age	Total			White			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-1	0.000164	0.000251	0.000224	0.000166	0.000251	0.000228	0.000537	0.000946	0.000637
1-2	0.000045	0.000070	0.000055	0.000044	0.000071	0.000051	0.000362	0.000517	0.000507
2-3	0.000036	0.000051	0.000050	0.000041	0.000060	0.000055	0.000297	0.000434	0.000405
3-4	0.000027	0.000037	0.000038	0.000028	0.000038	0.000041	0.000334		0.000309
4-5	0.000035	0.000056	0.000043	0.000035	0.000061	0.000041	0.000434	0.000489	
5-6	0.000026	0.000033	0.000042	0.000027	0.000034	0.000045	0.000140	0.000182	0.000273
6-7	0.000033	0.000048	0.000044	0.000034	0.000052	0.000045	0.000147	0.000180	
7-8	0.000029	0.000049	0.000034	0.000032	0.000054	0.000039	0.000135	0.000230	0.000149
8-9	0.000025	0.000036	0.000034	0.000024	0.000033	0.000037	0.000141	0.000166	
9-10	0.000026	0.000044	0.000030	0.000024	0.000041	0.000029	0.000222		0.000183
10-11	0.000019	0.000028	0.000024	0.000018	0.000028	0.000024	0.000215	0.000244	
11-12	0.000018	0.000026	0.000026	0.000017	0.000025	0.000025	0.000222	0.000252	
12-13	0.000022	0.000033	0.000030	0.000024	0.000037	0.000032	0.000127	0.000299	0.000120
13-14	0.000031	0.000048	0.000039	0.000032	0.000049	0.000040	0.000224	0.000384	0.000247
14-15	0.000045	0.000071	0.000053	0.000048	0.000079	0.000053	0.000232	0.000359	0.000289
15-16	0.000044	0.000072	0.000050	0.000046	0.000076	0.000052	0.000262	0.000353	
16-17	0.000049	0.000085	0.000049	0.000052	0.000089	0.000054	0.000304	0.000487	0.000371
17-18	0.000051	0.000087	0.000053	0.000055	0.000093	0.000057	0.000278	0.000564	0.000194
18-19	0.000049	0.000078	0.000058	0.000051	0.000080	0.000061	0.000326	0.000575	0.000292
19-20	0.000053	0.000081	0.000071	0.000054	0.000082	0.000073	0.000419	0.000655	
20-21	0.000058	0.000094	0.000066	0.000060	0.000096	0.000069	0.000320	0.000562	0.000296
21-22	0.000058	0.000100	0.000060	0.000059	0.000099	0.000061	0.000306	0.000581	0.000235
22-23	0.000062	0.000100	0.000071	0.000062	0.000103	0.000066	0.000301	0.000460	0.000653
23-24	0.000064	0.000104	0.000073	0.000062	0.000099	0.000076	0.000355	0.000563	0.000487
24-25	0.000066	0.000112	0.000066	0.000068	0.000114	0.000071	0.000299	0.000519	0.000292
25-26	0.000067	0.000112	0.000074	0.000067	0.000110	0.000075	0.000412	0.000692	0.000441
26-27	0.000060	0.000100	0.000066	0.000060	0.000098	0.000071	0.000359	0.000591	0.000403
27-28	0.000062	0.000103	0.000068	0.000062	0.000101	0.000072	0.000403	0.000640	0.000494
28-29	0.000055	0.000096	0.000054	0.000056	0.000095	0.000057	0.000367	0.000631	0.000378
29-30	0.000055	0.000092	0.000061	0.000057	0.000096	0.000060	0.000418	0.000595	0.000695
30-31	0.000059	0.000093	0.000072	0.000063	0.000099	0.000080	0.000345	0.000537	0.000420
31-32	0.000056	0.000093	0.000061	0.000059	0.000102	0.000061	0.000399	0.000537	0.000769
32-33	0.000056	0.000093	0.000062	0.000059	0.000097	0.000066	0.000378	0.000638	0.000409
33-34	0.000060	0.000094	0.000074	0.000060	0.000095	0.000074	0.000619	0.000891	0.000876
34-35	0.000062	0.000098	0.000075	0.000065	0.000106	0.000074	0.000387	0.000578	0.000505
35-36	0.000063	0.000098	0.000079	0.000063	0.000102	0.000073	0.000414	0.000555	0.000718
36-37	0.000067	0.000100	0.000092	0.000068	0.000104	0.000090	0.000435	0.000619	0.000629
37-38	0.000064	0.000101	0.000079	0.000063	0.000100	0.000077	0.000505	0.000815	0.000584
38-39	0.000067	0.000112	0.000076	0.000070	0.000115	0.000079	0.000414	0.000714	0.000444
39-40	0.000073	0.000119	0.000083	0.000074	0.000118	0.000088	0.000603	0.000990	0.000679
40-41	0.000072	0.000114	0.000086	0.000074	0.000115	0.000094	0.000509	0.000755	0.000659
41-42	0.000077	0.000125	0.000090	0.000081	0.000126	0.000100	0.000553	0.000724	0.001009
42-43	0.000084	0.000134	0.000100	0.000087	0.000132	0.000113	0.000748	0.001135	0.000923
43-44	0.000085	0.000138	0.000100	0.000090	0.000139	0.000112	0.000619	0.000871	0.000882
44-45	0.000092	0.000153	0.000101	0.000096	0.000154	0.000114	0.000661	0.001045	0.000767
45-46	0.000096	0.000159	0.000108	0.000098	0.000157	0.000115	0.000754	0.001202	0.000863
46-47	0.000106	0.000178	0.000117	0.000108	0.000179	0.000122	0.000734	0.001138	0.000873
47-48	0.000109	0.000175	0.000130	0.000111	0.000176	0.000135	0.000937	0.001299	0.001388
48-49	0.000117	0.000188	0.000140	0.000122	0.000189	0.000152	0.000830	0.001182	0.001152
49-50	0.000123	0.000195	0.000150	0.000126	0.000193	0.000162	0.000978	0.001420	0.001309
50-51	0.000139	0.000222	0.000165	0.000143	0.000223	0.000180	0.001076	0.001475	0.001670
51-52	0.000142	0.000231	0.000167	0.000146	0.000228	0.000182	0.001345	0.002024	0.001713

52-53	0.000152	0.000245	0.000178	0.000157	0.000246	0.000194	0.001282	0.001813	0.001866
53-54	0.000160	0.000267	0.000180	0.000165	0.000267	0.000196	0.001463	0.002306	0.001760
54-55	0.000180	0.000300	0.000204	0.000185	0.000300	0.000216	0.001791	0.002582	0.002510
55-56	0.000198	0.000328	0.000223	0.000204	0.000331	0.000241	0.001637	0.002367	0.002288
56-57	0.000205	0.000337	0.000237	0.000211	0.000339	0.000253	0.001903	0.002852	0.002493
57-58	0.000210	0.000348	0.000240	0.000214	0.000346	0.000255	0.002339	0.003536	0.003038
58-59	0.000230	0.000374	0.000271	0.000235	0.000376	0.000286	0.002157	0.003170	0.002962
59-60	0.000243	0.000401	0.000282	0.000248	0.000402	0.000296	0.002681	0.003867	0.003860
60-61	0.000274	0.000450	0.000321	0.000282	0.000456	0.000336	0.002528	0.004057	0.003088
61-62	0.000284	0.000467	0.000332	0.000290	0.000469	0.000347	0.002528	0.004034	0.003134
62-63	0.000302	0.000493	0.000357	0.000307	0.000499	0.000365	0.003131	0.004061	0.006617
63-64	0.000322	0.000516	0.000393	0.000326	0.000521	0.000400	0.003328	0.004733	0.005101
64-65	0.000343	0.000562	0.000405	0.000345	0.000562	0.000411	0.004191	0.007447	0.004742
65-66	0.000365	0.000585	0.000447	0.000367	0.000589	0.000448	0.003908	0.006464	0.004755
66-67	0.000390	0.000630	0.000473	0.000394	0.000636	0.000477	0.004159	0.006349	0.005634
67-68	0.000403	0.000655	0.000488	0.000405	0.000659	0.000489	0.004093	0.007082	0.004800
68-69	0.000430	0.000693	0.000528	0.000430	0.000693	0.000527	0.004895	0.008499	0.005729
69-70	0.000451	0.000723	0.000559	0.000452	0.000730	0.000555	0.004824	0.008284	0.005697
70-71	0.000484	0.000785	0.000595	0.000484	0.000792	0.000587	0.005094	0.008219	0.006385
71-72	0.000499	0.000811	0.000614	0.000497	0.000816	0.000602	0.005611	0.008882	0.007167
72-73	0.000521	0.000844	0.000646	0.000516	0.000848	0.000628	0.005921	0.009352	0.007568
73-74	0.000565	0.000913	0.000706	0.000559	0.000920	0.000682	0.006328	0.010953	0.007410
74-75	0.000589	0.000951	0.000739	0.000580	0.000960	0.000707	0.006432	0.010164	0.008259
75-76	0.000629	0.001039	0.000772	0.000618	0.001050	0.000733	0.007930	0.012394	0.010370
76-77	0.000658	0.001080	0.000821	0.000645	0.001091	0.000775	0.007877	0.011574	0.011271
77-78	0.000716	0.001185	0.000887	0.000700	0.001198	0.000837	0.007515	0.013027	0.008962
78-79	0.000768	0.001272	0.000956	0.000747	0.001284	0.000892	0.010157	0.016991	0.012488
79-80	0.000807	0.001361	0.000989	0.000784	0.001380	0.000917	0.010362	0.015838	0.013968
80-81	0.000883	0.001483	0.001077	0.000854	0.001499	0.000991	0.012264	0.020360	0.015148
81-82	0.000936	0.001576	0.001137	0.000900	0.001594	0.001036	0.013465	0.021141	0.017549
82-83	0.001011	0.001735	0.001206	0.000970	0.001754	0.001094	0.014280	0.024387	0.017246
83-84	0.001104	0.001922	0.001301	0.001059	0.001951	0.001174	0.016532	0.035660	0.017651
84-85	0.001183	0.002051	0.001402	0.001132	0.002085	0.001255	0.016573	0.023840	0.024012
85-86	0.001307	0.002414	0.001509	0.001282	0.002439	0.001433	0.019273	0.036143	0.022360
86-87	0.001422	0.002640	0.001636	0.001390	0.002669	0.001544	0.021049	0.039645	0.024354
87-88	0.001552	0.002898	0.001780	0.001512	0.002933	0.001668	0.023078	0.043669	0.026622
88-89	0.001700	0.003195	0.001943	0.001650	0.003237	0.001807	0.025409	0.048318	0.029218
89-90	0.001871	0.003539	0.002129	0.001808	0.003590	0.001963	0.028103	0.053721	0.032204
90-91	0.002068	0.003940	0.002343	0.001989	0.004003	0.002140	0.031235	0.060041	0.035662
91-92	0.002298	0.004412	0.002590	0.002198	0.004488	0.002342	0.034900	0.067481	0.039692
92-93	0.002567	0.004971	0.002877	0.002442	0.005064	0.002574	0.039219	0.076299	0.044419
93-94	0.002884	0.005637	0.003214	0.002727	0.005754	0.002841	0.044343	0.086828	0.050005
94-95	0.003263	0.006439	0.003613	0.003063	0.006585	0.003151	0.050469	0.099494	0.056653
95-96	0.003717	0.007413	0.004087	0.003462	0.007597	0.003513	0.057853	0.114856	0.064630
96-97	0.004268	0.008606	0.004658	0.003941	0.008842	0.003939	0.066825	0.133643	0.074282
97-98	0.004942	0.010083	0.005351	0.004519	0.010387	0.004445	0.077825	0.156824	0.086062
98-99	0.005775	0.011930	0.006201	0.005225	0.012327	0.005051	0.091438	0.185695	0.100574
99-100	0.006815	0.014266	0.007253	0.006095	0.014790	0.005781	0.108449	0.222010	0.118629
100-101	0.008130	0.017255	0.008572	0.007177	0.017956	0.006671	0.129929	0.268163	0.141324
101-102	0.009812	0.021128	0.010243	0.008538	0.022077	0.007764	0.157351	0.327463	0.170167
102-103	0.011991	0.026213	0.012389	0.010271	0.027515	0.009122	0.192762	0.404537	0.207249
103-104	0.014853	0.032982	0.015182	0.012502	0.034796	0.010828	0.239053	0.505932	0.255511
104-105	0.018667	0.042128	0.018869	0.015413	0.044693	0.012993	0.300346	0.641034	0.319138
105-106	0.023827	0.054681	0.023809	0.019262	0.058366	0.015776	0.382612	0.823473	0.404175

106-107	0.030926	0.072196	0.030539	0.024427	0.077581	0.019400	0.494612	1.073331	0.519473
107-108	0.040858	0.097065	0.039862	0.031462	0.105073	0.024183	0.649401	1.420616	0.678191
108-109	0.055013	0.133031	0.053016	0.041202	0.145165	0.030588	0.866732	1.910862	0.900201
109-110	0.075580	0.186064	0.071936	0.054916	0.204814	0.039296	1.176982	2.614257	1.216017

Table MN-11. Standard errors of the average remaining lifetime, Minnesota, 1999-2001

Age	Total			White			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-1	0.040	0.058	0.054	0.041	0.059	0.057	0.297	0.411	0.433
1-2	0.038	0.055	0.051	0.039	0.056	0.054	0.296	0.409	0.433
2-3	0.038	0.055	0.051	0.039	0.056	0.054	0.295	0.408	0.431
3-4	0.038	0.055	0.051	0.039	0.056	0.054	0.295	0.407	0.431
4-5	0.038	0.055	0.051	0.039	0.055	0.054	0.294	0.408	0.430
5-6	0.038	0.054	0.051	0.039	0.055	0.054	0.292	0.406	0.430
6-7	0.038	0.054	0.050	0.039	0.055	0.054	0.292	0.406	0.430
7-8	0.038	0.054	0.050	0.039	0.055	0.054	0.292	0.406	0.430
8-9	0.037	0.054	0.050	0.039	0.055	0.053	0.292	0.406	0.430
9-10	0.037	0.054	0.050	0.039	0.055	0.053	0.292	0.406	0.430
10-11	0.037	0.054	0.050	0.039	0.055	0.053	0.292	0.406	0.430
11-12	0.037	0.054	0.050	0.039	0.055	0.053	0.291	0.406	0.430
12-13	0.037	0.054	0.050	0.039	0.055	0.053	0.291	0.406	0.430
13-14	0.037	0.054	0.050	0.039	0.055	0.053	0.291	0.406	0.430
14-15	0.037	0.054	0.050	0.039	0.055	0.053	0.291	0.405	0.430
15-16	0.037	0.054	0.050	0.039	0.055	0.053	0.291	0.405	0.430
16-17	0.037	0.054	0.050	0.038	0.054	0.053	0.290	0.405	0.430
17-18	0.037	0.053	0.050	0.038	0.054	0.053	0.290	0.404	0.430
18-19	0.037	0.053	0.050	0.038	0.054	0.053	0.290	0.403	0.430
19-20	0.037	0.053	0.050	0.038	0.054	0.053	0.290	0.403	0.429
20-21	0.037	0.053	0.049	0.038	0.054	0.052	0.289	0.402	0.430
21-22	0.037	0.053	0.049	0.038	0.053	0.052	0.289	0.402	0.430
22-23	0.036	0.052	0.049	0.038	0.053	0.052	0.289	0.401	0.430
23-24	0.036	0.052	0.049	0.038	0.053	0.052	0.289	0.401	0.428
24-25	0.036	0.052	0.049	0.037	0.053	0.052	0.288	0.401	0.428
25-26	0.036	0.052	0.049	0.037	0.052	0.052	0.288	0.401	0.428
26-27	0.036	0.051	0.048	0.037	0.052	0.052	0.288	0.401	0.428
27-28	0.036	0.051	0.048	0.037	0.052	0.051	0.288	0.400	0.427
28-29	0.036	0.051	0.048	0.037	0.052	0.051	0.288	0.400	0.427
29-30	0.035	0.051	0.048	0.037	0.051	0.051	0.287	0.400	0.427
30-31	0.035	0.051	0.048	0.037	0.051	0.051	0.287	0.400	0.426
31-32	0.035	0.050	0.048	0.037	0.051	0.051	0.287	0.400	0.426
32-33	0.035	0.050	0.048	0.036	0.051	0.051	0.287	0.400	0.425
33-34	0.035	0.050	0.048	0.036	0.051	0.051	0.287	0.400	0.425
34-35	0.035	0.050	0.048	0.036	0.051	0.051	0.286	0.399	0.424
35-36	0.035	0.050	0.048	0.036	0.050	0.051	0.286	0.399	0.424
36-37	0.035	0.050	0.047	0.036	0.050	0.051	0.286	0.399	0.423
37-38	0.035	0.050	0.047	0.036	0.050	0.050	0.286	0.399	0.423
38-39	0.035	0.050	0.047	0.036	0.050	0.050	0.286	0.399	0.423
39-40	0.035	0.049	0.047	0.036	0.050	0.050	0.287	0.400	0.424
40-41	0.034	0.049	0.047	0.036	0.050	0.050	0.286	0.399	0.424
41-42	0.034	0.049	0.047	0.036	0.050	0.050	0.287	0.400	0.424
42-43	0.034	0.049	0.047	0.036	0.050	0.050	0.287	0.400	0.423
43-44	0.034	0.049	0.047	0.035	0.049	0.050	0.287	0.400	0.423
44-45	0.034	0.049	0.047	0.035	0.049	0.050	0.287	0.401	0.423
45-46	0.034	0.049	0.046	0.035	0.049	0.049	0.287	0.401	0.423
46-47	0.034	0.048	0.046	0.035	0.049	0.049	0.287	0.402	0.424
47-48	0.034	0.048	0.046	0.035	0.049	0.049	0.288	0.402	0.424
48-49	0.034	0.048	0.046	0.035	0.049	0.049	0.288	0.403	0.423
49-50	0.034	0.048	0.046	0.035	0.048	0.049	0.288	0.404	0.423
50-51	0.033	0.048	0.046	0.035	0.048	0.049	0.288	0.405	0.423
51-52	0.033	0.048	0.045	0.034	0.048	0.048	0.289	0.406	0.423

52-53	0.033	0.047	0.045	0.034	0.048	0.048	0.288	0.406	0.422
53-54	0.033	0.047	0.045	0.034	0.047	0.048	0.288	0.407	0.421
54-55	0.033	0.047	0.045	0.034	0.047	0.048	0.288	0.407	0.421
55-56	0.033	0.046	0.045	0.034	0.047	0.047	0.287	0.407	0.419
56-57	0.032	0.046	0.044	0.033	0.046	0.047	0.287	0.408	0.418
57-58	0.032	0.046	0.044	0.033	0.046	0.047	0.287	0.408	0.417
58-59	0.032	0.045	0.044	0.033	0.046	0.046	0.285	0.407	0.415
59-60	0.031	0.045	0.043	0.033	0.045	0.046	0.285	0.408	0.413
60-61	0.031	0.044	0.043	0.032	0.045	0.045	0.283	0.407	0.409
61-62	0.031	0.044	0.043	0.032	0.044	0.045	0.283	0.407	0.408
62-63	0.030	0.043	0.042	0.031	0.044	0.044	0.283	0.408	0.408
63-64	0.030	0.043	0.042	0.031	0.043	0.044	0.281	0.409	0.393
64-65	0.030	0.042	0.041	0.031	0.042	0.043	0.280	0.411	0.387
65-66	0.029	0.042	0.041	0.030	0.042	0.043	0.276	0.402	0.383
66-67	0.029	0.041	0.040	0.030	0.041	0.042	0.274	0.400	0.381
67-68	0.028	0.040	0.039	0.029	0.041	0.041	0.272	0.400	0.376
68-69	0.028	0.040	0.039	0.029	0.040	0.041	0.272	0.399	0.376
69-70	0.028	0.039	0.038	0.028	0.039	0.040	0.269	0.394	0.374
70-71	0.027	0.039	0.037	0.028	0.039	0.039	0.269	0.393	0.374
71-72	0.027	0.038	0.037	0.027	0.038	0.039	0.268	0.394	0.373
72-73	0.026	0.038	0.036	0.027	0.038	0.038	0.268	0.395	0.371
73-74	0.026	0.037	0.036	0.027	0.037	0.038	0.268	0.398	0.370
74-75	0.025	0.037	0.035	0.026	0.037	0.037	0.268	0.399	0.371
75-76	0.025	0.037	0.034	0.026	0.037	0.036	0.271	0.405	0.373
76-77	0.025	0.036	0.034	0.026	0.036	0.036	0.270	0.409	0.369
77-78	0.024	0.036	0.033	0.025	0.036	0.035	0.272	0.419	0.366
78-79	0.024	0.036	0.033	0.025	0.036	0.035	0.277	0.429	0.372
79-80	0.024	0.036	0.032	0.025	0.036	0.034	0.278	0.434	0.372
80-81	0.024	0.036	0.031	0.024	0.036	0.034	0.281	0.448	0.371
81-82	0.023	0.036	0.031	0.024	0.035	0.033	0.282	0.456	0.370
82-83	0.023	0.036	0.030	0.024	0.036	0.033	0.282	0.469	0.365
83-84	0.023	0.036	0.030	0.024	0.036	0.033	0.285	0.482	0.366
84-85	0.023	0.036	0.030	0.024	0.036	0.033	0.285	0.466	0.371
85-86	0.023	0.037	0.029	0.024	0.037	0.033	0.290	0.495	0.362
86-87	0.023	0.037	0.029	0.024	0.037	0.032	0.293	0.503	0.364
87-88	0.023	0.037	0.029	0.024	0.037	0.032	0.297	0.514	0.367
88-89	0.023	0.038	0.029	0.024	0.038	0.032	0.303	0.528	0.372
89-90	0.023	0.038	0.029	0.024	0.038	0.032	0.310	0.544	0.378
90-91	0.023	0.039	0.029	0.025	0.039	0.032	0.318	0.564	0.387
91-92	0.024	0.040	0.030	0.025	0.040	0.032	0.329	0.588	0.397
92-93	0.024	0.042	0.030	0.025	0.042	0.033	0.342	0.617	0.410
93-94	0.025	0.044	0.031	0.026	0.044	0.033	0.358	0.652	0.426
94-95	0.026	0.046	0.032	0.027	0.046	0.034	0.377	0.694	0.446
95-96	0.027	0.049	0.033	0.028	0.049	0.034	0.400	0.745	0.470
96-97	0.029	0.052	0.034	0.029	0.052	0.035	0.429	0.806	0.499
97-98	0.031	0.056	0.036	0.031	0.057	0.037	0.463	0.881	0.535
98-99	0.033	0.062	0.038	0.033	0.062	0.038	0.505	0.972	0.579
99-100	0.036	0.068	0.041	0.035	0.069	0.041	0.557	1.084	0.633
100-101	0.039	0.076	0.044	0.039	0.077	0.043	0.621	1.223	0.700
101-102	0.044	0.087	0.049	0.042	0.088	0.046	0.702	1.397	0.784
102-103	0.049	0.100	0.054	0.047	0.102	0.051	0.803	1.619	0.890
103-104	0.057	0.117	0.062	0.054	0.120	0.056	0.933	1.903	1.025
104-105	0.067	0.140	0.071	0.062	0.145	0.063	1.104	2.276	1.202
105-106	0.080	0.171	0.084	0.073	0.178	0.072	1.332	2.777	1.440

106-107	0.098	0.215	0.102	0.088	0.224	0.086	1.649	3.473	1.770
107-108	0.125	0.279	0.129	0.111	0.292	0.105	2.115	4.496	2.256
108-109	0.169	0.381	0.171	0.147	0.401	0.136	2.852	6.112	3.025
109-110	0.245	0.563	0.246	0.209	0.596	0.188	4.133	8.921	4.360