

**Table MI-1. Life table for the total population: Michigan 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	0.00648	100,000	648	99,676	7,690,291	76.90
1-2	0.00074	99,352	73	99,316	7,590,615	76.40
2-3	0.00040	99,279	40	99,259	7,491,299	75.46
3-4	0.00027	99,239	27	99,226	7,392,040	74.49
4-5	0.00021	99,212	21	99,202	7,292,815	73.51
5-6	0.00018	99,191	18	99,182	7,193,613	72.52
6-7	0.00017	99,173	16	99,165	7,094,431	71.54
7-8	0.00015	99,157	15	99,149	6,995,266	70.55
8-9	0.00014	99,141	14	99,134	6,896,117	69.56
9-10	0.00013	99,127	13	99,121	6,796,983	68.57
10-11	0.00012	99,114	12	99,108	6,697,862	67.58
11-12	0.00013	99,102	13	99,096	6,598,754	66.59
12-13	0.00016	99,089	16	99,081	6,499,658	65.59
13-14	0.00023	99,073	23	99,062	6,400,577	64.60
14-15	0.00033	99,051	32	99,035	6,301,515	63.62
15-16	0.00044	99,018	43	98,997	6,202,481	62.64
16-17	0.00055	98,975	54	98,948	6,103,484	61.67
17-18	0.00065	98,921	64	98,889	6,004,536	60.70
18-19	0.00073	98,857	72	98,821	5,905,646	59.74
19-20	0.00079	98,785	78	98,746	5,806,825	58.78
20-21	0.00086	98,707	85	98,664	5,708,079	57.83
21-22	0.00092	98,622	91	98,577	5,609,415	56.88
22-23	0.00096	98,531	94	98,484	5,510,838	55.93
23-24	0.00097	98,437	96	98,389	5,412,354	54.98
24-25	0.00097	98,341	96	98,293	5,313,965	54.04
25-26	0.00098	98,245	96	98,197	5,215,672	53.09
26-27	0.00097	98,150	95	98,102	5,117,474	52.14
27-28	0.00097	98,054	95	98,006	5,019,373	51.19
28-29	0.00098	97,959	96	97,911	4,921,366	50.24
29-30	0.00099	97,863	97	97,814	4,823,455	49.29
30-31	0.00102	97,765	100	97,716	4,725,641	48.34
31-32	0.00106	97,666	103	97,614	4,627,926	47.39
32-33	0.00110	97,563	108	97,509	4,530,311	46.43
33-34	0.00117	97,455	114	97,398	4,432,803	45.49
34-35	0.00124	97,341	121	97,281	4,335,404	44.54
35-36	0.00132	97,221	129	97,156	4,238,123	43.59
36-37	0.00142	97,092	138	97,023	4,140,967	42.65
37-38	0.00154	96,954	149	96,879	4,043,944	41.71
38-39	0.00166	96,805	161	96,724	3,947,064	40.77
39-40	0.00181	96,644	174	96,557	3,850,340	39.84
40-41	0.00196	96,469	189	96,375	3,753,783	38.91
41-42	0.00213	96,280	205	96,177	3,657,409	37.99
42-43	0.00232	96,075	223	95,963	3,561,231	37.07
43-44	0.00253	95,851	243	95,730	3,465,268	36.15
44-45	0.00276	95,609	264	95,477	3,369,538	35.24
45-46	0.00301	95,345	287	95,201	3,274,061	34.34
46-47	0.00328	95,058	312	94,902	3,178,860	33.44
47-48	0.00358	94,746	339	94,576	3,083,958	32.55
48-49	0.00391	94,406	369	94,222	2,989,382	31.67
49-50	0.00426	94,038	401	93,837	2,895,161	30.79
50-51	0.00465	93,637	435	93,420	2,801,323	29.92
51-52	0.00507	93,202	472	92,966	2,707,904	29.05

52-53	0.00553	92,730	512	92,474	2,614,938	28.20
53-54	0.00603	92,217	556	91,940	2,522,464	27.35
54-55	0.00657	91,662	602	91,361	2,430,524	26.52
55-56	0.00717	91,059	652	90,733	2,339,164	25.69
56-57	0.00781	90,407	706	90,054	2,248,431	24.87
57-58	0.00852	89,701	764	89,319	2,158,377	24.06
58-59	0.00928	88,937	826	88,524	2,069,058	23.26
59-60	0.01011	88,111	891	87,666	1,980,534	22.48
60-61	0.01102	87,220	961	86,739	1,892,869	21.70
61-62	0.01200	86,259	1,036	85,741	1,806,130	20.94
62-63	0.01307	85,223	1,114	84,666	1,720,389	20.19
63-64	0.01423	84,109	1,196	83,511	1,635,723	19.45
64-65	0.01548	82,913	1,283	82,271	1,552,212	18.72
65-66	0.01683	81,630	1,374	80,943	1,469,941	18.01
66-67	0.01824	80,256	1,464	79,524	1,388,998	17.31
67-68	0.01985	78,792	1,564	78,010	1,309,474	16.62
68-69	0.02161	77,228	1,669	76,393	1,231,464	15.95
69-70	0.02353	75,559	1,778	74,670	1,155,070	15.29
70-71	0.02562	73,781	1,891	72,836	1,080,400	14.64
71-72	0.02789	71,890	2,005	70,888	1,007,565	14.02
72-73	0.03034	69,885	2,120	68,825	936,677	13.40
73-74	0.03296	67,765	2,234	66,648	867,852	12.81
74-75	0.03577	65,531	2,344	64,359	801,204	12.23
75-76	0.03879	63,187	2,451	61,961	736,845	11.66
76-77	0.04206	60,735	2,555	59,458	674,884	11.11
77-78	0.04560	58,181	2,653	56,854	615,426	10.58
78-79	0.04945	55,528	2,746	54,155	558,571	10.06
79-80	0.05361	52,782	2,830	51,367	504,416	9.56
80-81	0.05857	49,952	2,926	48,489	453,049	9.07
81-82	0.06362	47,027	2,992	45,531	404,560	8.60
82-83	0.06907	44,035	3,042	42,514	359,029	8.15
83-84	0.07495	40,993	3,073	39,457	316,515	7.72
84-85	0.08129	37,921	3,082	36,379	277,058	7.31
85-86	0.08811	34,838	3,069	33,303	240,679	6.91
86-87	0.09544	31,769	3,032	30,253	207,375	6.53
87-88	0.10331	28,737	2,969	27,252	177,122	6.16
88-89	0.11174	25,768	2,879	24,328	149,870	5.82
89-90	0.12077	22,889	2,764	21,507	125,542	5.48
90-91	0.13042	20,124	2,625	18,812	104,035	5.17
91-92	0.14072	17,500	2,463	16,268	85,223	4.87
92-93	0.15168	15,037	2,281	13,897	68,955	4.59
93-94	0.16333	12,756	2,084	11,715	55,058	4.32
94-95	0.17569	10,673	1,875	9,735	43,343	4.06
95-96	0.18877	8,798	1,661	7,967	33,608	3.82
96-97	0.20258	7,137	1,446	6,414	25,640	3.59
97-98	0.21712	5,691	1,236	5,073	19,226	3.38
98-99	0.23241	4,456	1,035	3,938	14,153	3.18
99-100	0.24842	3,420	850	2,995	10,215	2.99
100-101	0.26515	2,570	682	2,230	7,220	2.81
101-102	0.28259	1,889	534	1,622	4,990	2.64
102-103	0.30069	1,355	407	1,151	3,368	2.49
103-104	0.31944	948	303	796	2,217	2.34
104-105	0.33879	645	218	536	1,421	2.20
105-106	0.35869	426	153	350	885	2.08
106-107	0.37908	273	104	222	535	1.96
107-108	0.39992	170	68	136	313	1.85
108-109	0.42112	102	43	80	178	1.74
109-110	0.44262	59	26	46	97	1.65

**Table MI-2. Life table for males: Michigan 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	0.00928	100,000	928	99,536	7,398,041	73.98
1-2	0.00052	99,072	52	99,046	7,298,505	73.67
2-3	0.00039	99,020	38	99,001	7,199,459	72.71
3-4	0.00030	98,981	30	98,966	7,100,459	71.74
4-5	0.00025	98,952	25	98,939	7,001,492	70.76
5-6	0.00022	98,927	22	98,916	6,902,553	69.77
6-7	0.00021	98,905	20	98,895	6,803,637	68.79
7-8	0.00019	98,885	19	98,875	6,704,742	67.80
8-9	0.00017	98,866	17	98,858	6,605,866	66.82
9-10	0.00014	98,849	14	98,842	6,507,009	65.83
10-11	0.00012	98,835	12	98,829	6,408,167	64.84
11-12	0.00012	98,823	12	98,817	6,309,338	63.84
12-13	0.00017	98,811	17	98,803	6,210,521	62.85
13-14	0.00027	98,794	27	98,781	6,111,718	61.86
14-15	0.00041	98,768	41	98,747	6,012,937	60.88
15-16	0.00057	98,727	56	98,699	5,914,190	59.90
16-17	0.00072	98,670	72	98,635	5,815,491	58.94
17-18	0.00087	98,599	86	98,556	5,716,856	57.98
18-19	0.00100	98,513	98	98,464	5,618,300	57.03
19-20	0.00111	98,415	109	98,361	5,519,836	56.09
20-21	0.00124	98,306	122	98,245	5,421,475	55.15
21-22	0.00137	98,184	135	98,117	5,323,230	54.22
22-23	0.00146	98,050	143	97,978	5,225,113	53.29
23-24	0.00149	97,907	146	97,834	5,127,135	52.37
24-25	0.00149	97,761	146	97,688	5,029,302	51.44
25-26	0.00149	97,615	145	97,542	4,931,614	50.52
26-27	0.00146	97,470	142	97,399	4,834,071	49.60
27-28	0.00143	97,327	139	97,258	4,736,673	48.67
28-29	0.00141	97,188	137	97,119	4,639,415	47.74
29-30	0.00140	97,051	135	96,983	4,542,296	46.80
30-31	0.00140	96,915	135	96,848	4,445,313	45.87
31-32	0.00141	96,780	137	96,712	4,348,465	44.93
32-33	0.00145	96,643	140	96,573	4,251,754	43.99
33-34	0.00150	96,503	145	96,431	4,155,180	43.06
34-35	0.00158	96,358	152	96,282	4,058,749	42.12
35-36	0.00167	96,207	160	96,126	3,962,467	41.19
36-37	0.00178	96,046	171	95,961	3,866,341	40.26
37-38	0.00191	95,875	183	95,784	3,770,380	39.33
38-39	0.00206	95,693	197	95,594	3,674,596	38.40
39-40	0.00222	95,496	212	95,390	3,579,002	37.48
40-41	0.00241	95,284	230	95,169	3,483,612	36.56
41-42	0.00262	95,054	249	94,929	3,388,443	35.65
42-43	0.00285	94,805	270	94,670	3,293,514	34.74
43-44	0.00310	94,535	293	94,388	3,198,844	33.84

44-45	0.00338	94,241	319	94,082	3,104,456	32.94
45-46	0.00369	93,923	346	93,750	3,010,374	32.05
46-47	0.00402	93,576	376	93,388	2,916,625	31.17
47-48	0.00438	93,200	408	92,996	2,823,236	30.29
48-49	0.00478	92,792	444	92,570	2,730,240	29.42
49-50	0.00521	92,349	481	92,108	2,637,670	28.56
50-51	0.00569	91,867	522	91,606	2,545,562	27.71
51-52	0.00620	91,345	567	91,061	2,453,956	26.86
52-53	0.00677	90,778	614	90,471	2,362,895	26.03
53-54	0.00738	90,164	665	89,831	2,272,424	25.20
54-55	0.00805	89,498	720	89,138	2,182,593	24.39
55-56	0.00878	88,778	779	88,388	2,093,454	23.58
56-57	0.00957	87,999	843	87,577	2,005,066	22.79
57-58	0.01044	87,156	910	86,701	1,917,489	22.00
58-59	0.01138	86,246	982	85,755	1,830,788	21.23
59-60	0.01241	85,264	1,058	84,735	1,745,032	20.47
60-61	0.01353	84,206	1,140	83,636	1,660,297	19.72
61-62	0.01475	83,066	1,225	82,454	1,576,661	18.98
62-63	0.01608	81,841	1,316	81,183	1,494,208	18.26
63-64	0.01752	80,525	1,411	79,819	1,413,025	17.55
64-65	0.01910	79,114	1,511	78,358	1,333,206	16.85
65-66	0.02081	77,603	1,615	76,796	1,254,847	16.17
66-67	0.02267	75,988	1,722	75,127	1,178,052	15.50
67-68	0.02469	74,266	1,834	73,349	1,102,925	14.85
68-69	0.02689	72,432	1,947	71,458	1,029,576	14.21
69-70	0.02927	70,485	2,063	69,453	958,117	13.59
70-71	0.03187	68,421	2,180	67,331	888,665	12.99
71-72	0.03468	66,241	2,297	65,092	821,333	12.40
72-73	0.03773	63,944	2,413	62,737	756,241	11.83
73-74	0.04104	61,531	2,525	60,268	693,504	11.27
74-75	0.04463	59,006	2,633	57,689	633,235	10.73
75-76	0.04851	56,372	2,735	55,005	575,546	10.21
76-77	0.05271	53,638	2,827	52,224	520,541	9.70
77-78	0.05726	50,810	2,909	49,356	468,317	9.22
78-79	0.06217	47,901	2,978	46,412	418,961	8.75
79-80	0.06747	44,923	3,031	43,407	372,550	8.29
80-81	0.07319	41,892	3,066	40,359	329,142	7.86
81-82	0.07936	38,826	3,081	37,285	288,784	7.44
82-83	0.08599	35,744	3,074	34,208	251,499	7.04
83-84	0.09312	32,671	3,042	31,150	217,291	6.65
84-85	0.10078	29,628	2,986	28,135	186,141	6.28
85-86	0.10900	26,642	2,904	25,190	158,006	5.93
86-87	0.11779	23,738	2,796	22,340	132,816	5.59
87-88	0.12719	20,942	2,664	19,610	110,475	5.28
88-89	0.13723	18,279	2,508	17,024	90,865	4.97
89-90	0.14792	15,770	2,333	14,604	73,840	4.68
90-91	0.15930	13,437	2,141	12,367	59,237	4.41
91-92	0.17137	11,297	1,936	10,329	46,870	4.15
92-93	0.18416	9,361	1,724	8,499	36,541	3.90
93-94	0.19767	7,637	1,510	6,882	28,042	3.67
94-95	0.21192	6,127	1,299	5,478	21,160	3.45
95-96	0.22691	4,829	1,096	4,281	15,682	3.25
96-97	0.24263	3,733	906	3,280	11,401	3.05

97-98	0.25907	2,827	732	2,461	8,120	2.87
98-99	0.27622	2,095	579	1,806	5,659	2.70
99-100	0.29405	1,516	446	1,293	3,854	2.54
100-101	0.31254	1,070	335	903	2,560	2.39
101-102	0.33165	736	244	614	1,657	2.25
102-103	0.35132	492	173	405	1,043	2.12
103-104	0.37152	319	119	260	638	2.00
104-105	0.39217	200	79	161	378	1.89
105-106	0.41322	122	50	97	217	1.78
106-107	0.43459	72	31	56	120	1.68
107-108	0.45620	40	18	31	64	1.59
108-109	0.47799	22	11	17	33	1.51
109-110	0.49985	11	6	9	16	1.43

**Table MI-3. Life table for females: Michigan 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	0.00453	100,000	453	99,773	7,983,243	79.83
1-2	0.00096	99,547	96	99,499	7,883,470	79.19
2-3	0.00042	99,451	41	99,430	7,783,971	78.27
3-4	0.00024	99,410	24	99,398	7,684,540	77.30
4-5	0.00017	99,386	17	99,377	7,585,143	76.32
5-6	0.00014	99,368	14	99,362	7,485,766	75.33
6-7	0.00012	99,355	12	99,349	7,386,404	74.34
7-8	0.00012	99,342	12	99,337	7,287,056	73.35
8-9	0.00012	99,331	11	99,325	7,187,719	72.36
9-10	0.00012	99,319	12	99,313	7,088,394	71.37
10-11	0.00012	99,308	12	99,301	6,989,080	70.38
11-12	0.00013	99,295	13	99,289	6,889,779	69.39
12-13	0.00015	99,282	15	99,274	6,790,491	68.40
13-14	0.00019	99,267	18	99,257	6,691,216	67.41
14-15	0.00023	99,248	23	99,237	6,591,959	66.42
15-16	0.00029	99,225	29	99,210	6,492,722	65.43
16-17	0.00036	99,196	35	99,178	6,393,512	64.45
17-18	0.00041	99,160	41	99,140	6,294,334	63.48
18-19	0.00045	99,120	44	99,097	6,195,194	62.50
19-20	0.00047	99,075	46	99,052	6,096,097	61.53
20-21	0.00047	99,029	46	99,006	5,997,044	60.56
21-22	0.00046	98,983	46	98,960	5,898,038	59.59
22-23	0.00045	98,937	45	98,915	5,799,078	58.61
23-24	0.00045	98,892	44	98,870	5,700,164	57.64
24-25	0.00045	98,848	45	98,826	5,601,293	56.67
25-26	0.00046	98,804	46	98,781	5,502,467	55.69
26-27	0.00048	98,758	48	98,734	5,403,687	54.72
27-28	0.00051	98,710	50	98,685	5,304,952	53.74
28-29	0.00055	98,660	54	98,633	5,206,267	52.77
29-30	0.00059	98,606	58	98,577	5,107,635	51.80
30-31	0.00064	98,547	63	98,516	5,009,058	50.83
31-32	0.00070	98,484	69	98,450	4,910,542	49.86
32-33	0.00076	98,416	75	98,378	4,812,092	48.90
33-34	0.00083	98,341	81	98,301	4,713,714	47.93
34-35	0.00090	98,260	89	98,216	4,615,413	46.97
35-36	0.00098	98,171	96	98,123	4,517,198	46.01
36-37	0.00107	98,075	105	98,022	4,419,074	45.06
37-38	0.00117	97,970	115	97,912	4,321,052	44.11
38-39	0.00128	97,855	125	97,793	4,223,140	43.16
39-40	0.00139	97,730	136	97,662	4,125,347	42.21
40-41	0.00152	97,594	148	97,520	4,027,685	41.27
41-42	0.00166	97,446	162	97,365	3,930,165	40.33
42-43	0.00181	97,284	176	97,196	3,832,800	39.40
43-44	0.00197	97,108	192	97,013	3,735,603	38.47

44-45	0.00215	96,917	209	96,812	3,638,591	37.54
45-46	0.00235	96,708	227	96,595	3,541,779	36.62
46-47	0.00256	96,481	247	96,357	3,445,184	35.71
47-48	0.00280	96,234	269	96,099	3,348,827	34.80
48-49	0.00305	95,965	293	95,818	3,252,728	33.90
49-50	0.00333	95,672	318	95,513	3,156,909	33.00
50-51	0.00363	95,354	346	95,180	3,061,397	32.11
51-52	0.00396	95,007	376	94,819	2,966,216	31.22
52-53	0.00432	94,631	409	94,427	2,871,397	30.34
53-54	0.00471	94,222	444	94,000	2,776,970	29.47
54-55	0.00514	93,778	482	93,537	2,682,970	28.61
55-56	0.00561	93,296	523	93,035	2,589,432	27.75
56-57	0.00611	92,773	567	92,490	2,496,397	26.91
57-58	0.00667	92,206	615	91,899	2,403,907	26.07
58-59	0.00727	91,591	666	91,258	2,312,009	25.24
59-60	0.00793	90,925	721	90,565	2,220,750	24.42
60-61	0.00865	90,204	780	89,814	2,130,186	23.62
61-62	0.00943	89,424	843	89,002	2,040,372	22.82
62-63	0.01028	88,581	911	88,125	1,951,370	22.03
63-64	0.01121	87,670	983	87,179	1,863,244	21.25
64-65	0.01222	86,687	1,059	86,158	1,776,066	20.49
65-66	0.01332	85,628	1,141	85,058	1,689,908	19.74
66-67	0.01441	84,487	1,218	83,879	1,604,851	19.00
67-68	0.01573	83,270	1,310	82,615	1,520,972	18.27
68-69	0.01718	81,960	1,408	81,256	1,438,358	17.55
69-70	0.01875	80,552	1,510	79,797	1,357,102	16.85
70-71	0.02046	79,042	1,617	78,233	1,277,305	16.16
71-72	0.02232	77,425	1,728	76,561	1,199,072	15.49
72-73	0.02435	75,697	1,843	74,775	1,122,511	14.83
73-74	0.02656	73,853	1,962	72,872	1,047,736	14.19
74-75	0.02897	71,892	2,082	70,850	974,864	13.56
75-76	0.03158	69,809	2,205	68,707	904,013	12.95
76-77	0.03442	67,604	2,327	66,441	835,306	12.36
77-78	0.03751	65,277	2,449	64,053	768,866	11.78
78-79	0.04087	62,829	2,568	61,545	704,813	11.22
79-80	0.04451	60,261	2,682	58,920	643,268	10.67
80-81	0.04845	57,579	2,790	56,184	584,348	10.15
81-82	0.05273	54,789	2,889	53,345	528,164	9.64
82-83	0.05737	51,900	2,977	50,411	474,819	9.15
83-84	0.06238	48,923	3,052	47,397	424,408	8.68
84-85	0.06780	45,871	3,110	44,316	377,011	8.22
85-86	0.07365	42,761	3,150	41,186	332,695	7.78
86-87	0.07997	39,611	3,168	38,028	291,509	7.36
87-88	0.08678	36,444	3,163	34,862	253,481	6.96
88-89	0.09411	33,281	3,132	31,715	218,619	6.57
89-90	0.10198	30,149	3,075	28,612	186,904	6.20
90-91	0.11044	27,074	2,990	25,579	158,292	5.85
91-92	0.11951	24,084	2,878	22,645	132,713	5.51
92-93	0.12921	21,206	2,740	19,836	110,068	5.19
93-94	0.13957	18,466	2,577	17,177	90,232	4.89
94-95	0.15062	15,889	2,393	14,692	73,054	4.60
95-96	0.16238	13,496	2,191	12,400	58,362	4.32
96-97	0.17487	11,304	1,977	10,316	45,962	4.07

97-98	0.18810	9,327	1,755	8,450	35,646	3.82
98-99	0.20209	7,573	1,530	6,808	27,196	3.59
99-100	0.21685	6,042	1,310	5,387	20,388	3.37
100-101	0.23236	4,732	1,100	4,182	15,001	3.17
101-102	0.24864	3,633	903	3,181	10,819	2.98
102-103	0.26566	2,729	725	2,367	7,638	2.80
103-104	0.28341	2,004	568	1,720	5,271	2.63
104-105	0.30185	1,436	434	1,219	3,551	2.47
105-106	0.32096	1,003	322	842	2,331	2.32
106-107	0.34068	681	232	565	1,489	2.19
107-108	0.36097	449	162	368	924	2.06
108-109	0.38178	287	110	232	556	1.94
109-110	0.40302	177	71	142	324	1.83



**Table MI-4. Life table for the white population: Michigan, 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	0.00587	100,000	587	99,707	7,791,812	77.92
1-2	0.00042	99,413	41	99,393	7,692,105	77.38
2-3	0.00031	99,372	30	99,357	7,592,713	76.41
3-4	0.00023	99,341	23	99,330	7,493,356	75.43
4-5	0.00019	99,318	19	99,309	7,394,026	74.45
5-6	0.00016	99,300	16	99,292	7,294,717	73.46
6-7	0.00015	99,284	15	99,276	7,195,425	72.47
7-8	0.00014	99,269	14	99,262	7,096,148	71.48
8-9	0.00013	99,255	12	99,249	6,996,886	70.49
9-10	0.00011	99,243	11	99,237	6,897,637	69.50
10-11	0.00010	99,232	10	99,227	6,798,400	68.51
11-12	0.00010	99,222	10	99,217	6,699,173	67.52
12-13	0.00013	99,212	13	99,206	6,599,955	66.52
13-14	0.00020	99,199	20	99,189	6,500,749	65.53
14-15	0.00030	99,179	30	99,164	6,401,560	64.55
15-16	0.00041	99,149	41	99,129	6,302,397	63.56
16-17	0.00051	99,108	51	99,083	6,203,268	62.59
17-18	0.00059	99,058	59	99,029	6,104,185	61.62
18-19	0.00064	98,999	64	98,967	6,005,156	60.66
19-20	0.00067	98,936	67	98,902	5,906,189	59.70
20-21	0.00071	98,869	70	98,834	5,807,286	58.74
21-22	0.00074	98,799	73	98,762	5,708,452	57.78
22-23	0.00076	98,726	75	98,688	5,609,690	56.82
23-24	0.00077	98,650	76	98,613	5,511,002	55.86
24-25	0.00076	98,575	75	98,537	5,412,389	54.91
25-26	0.00075	98,500	74	98,463	5,313,852	53.95
26-27	0.00074	98,426	73	98,390	5,215,389	52.99
27-28	0.00075	98,353	74	98,316	5,116,999	52.03
28-29	0.00077	98,279	76	98,242	5,018,683	51.07
29-30	0.00080	98,204	79	98,164	4,920,441	50.10
30-31	0.00084	98,125	82	98,084	4,822,277	49.14
31-32	0.00088	98,042	87	97,999	4,724,194	48.19
32-33	0.00093	97,956	91	97,910	4,626,194	47.23
33-34	0.00099	97,865	97	97,816	4,528,284	46.27
34-35	0.00106	97,768	103	97,716	4,430,468	45.32
35-36	0.00113	97,665	110	97,609	4,332,752	44.36
36-37	0.00121	97,554	118	97,495	4,235,143	43.41
37-38	0.00131	97,436	128	97,372	4,137,647	42.47
38-39	0.00142	97,308	139	97,239	4,040,275	41.52
39-40	0.00155	97,170	150	97,095	3,943,036	40.58
40-41	0.00168	97,019	163	96,938	3,845,942	39.64
41-42	0.00183	96,857	177	96,768	3,749,003	38.71
42-43	0.00199	96,680	193	96,583	3,652,235	37.78
43-44	0.00218	96,487	210	96,382	3,555,652	36.85
44-45	0.00238	96,277	229	96,162	3,459,270	35.93
45-46	0.00260	96,048	249	95,923	3,363,108	35.01
46-47	0.00284	95,799	272	95,663	3,267,185	34.10
47-48	0.00310	95,527	296	95,379	3,171,522	33.20
48-49	0.00339	95,230	323	95,069	3,076,143	32.30
49-50	0.00371	94,908	352	94,732	2,981,074	31.41
50-51	0.00405	94,556	383	94,364	2,886,343	30.53
51-52	0.00443	94,173	417	93,964	2,791,978	29.65

52-53	0.00484	93,756	454	93,529	2,698,014	28.78
53-54	0.00530	93,301	494	93,054	2,604,485	27.91
54-55	0.00579	92,807	538	92,538	2,511,431	27.06
55-56	0.00634	92,269	585	91,977	2,418,893	26.22
56-57	0.00693	91,685	635	91,367	2,326,916	25.38
57-58	0.00758	91,049	690	90,704	2,235,549	24.55
58-59	0.00829	90,359	749	89,985	2,144,844	23.74
59-60	0.00907	89,610	812	89,204	2,054,860	22.93
60-61	0.00992	88,798	881	88,358	1,965,655	22.14
61-62	0.01085	87,917	953	87,441	1,877,298	21.35
62-63	0.01186	86,964	1,031	86,448	1,789,857	20.58
63-64	0.01295	85,933	1,113	85,376	1,703,409	19.82
64-65	0.01415	84,820	1,200	84,220	1,618,032	19.08
65-66	0.01544	83,620	1,291	82,974	1,533,813	18.34
66-67	0.01690	82,328	1,391	81,633	1,450,838	17.62
67-68	0.01844	80,937	1,493	80,191	1,369,206	16.92
68-69	0.02014	79,444	1,600	78,645	1,289,015	16.23
69-70	0.02199	77,845	1,712	76,989	1,210,370	15.55
70-71	0.02401	76,133	1,828	75,219	1,133,381	14.89
71-72	0.02622	74,305	1,948	73,331	1,058,162	14.24
72-73	0.02860	72,357	2,069	71,322	984,832	13.61
73-74	0.03116	70,287	2,190	69,192	913,510	13.00
74-75	0.03392	68,097	2,310	66,942	844,317	12.40
75-76	0.03690	65,787	2,428	64,573	777,375	11.82
76-77	0.04013	63,360	2,543	62,088	712,802	11.25
77-78	0.04365	60,817	2,655	59,489	650,714	10.70
78-79	0.04750	58,162	2,763	56,781	591,224	10.17
79-80	0.05168	55,399	2,863	53,968	534,444	9.65
80-81	0.05663	52,536	2,975	51,049	480,476	9.15
81-82	0.06171	49,561	3,058	48,032	429,427	8.66
82-83	0.06721	46,503	3,125	44,940	381,394	8.20
83-84	0.07316	43,378	3,174	41,791	336,454	7.76
84-85	0.07960	40,204	3,200	38,604	294,663	7.33
85-86	0.08655	37,004	3,203	35,402	256,059	6.92
86-87	0.09405	33,801	3,179	32,211	220,657	6.53
87-88	0.10212	30,622	3,127	29,058	188,445	6.15
88-89	0.11081	27,495	3,047	25,971	159,387	5.80
89-90	0.12013	24,448	2,937	22,980	133,416	5.46
90-91	0.13012	21,511	2,799	20,112	110,436	5.13
91-92	0.14081	18,712	2,635	17,395	90,324	4.83
92-93	0.15223	16,077	2,447	14,854	72,930	4.54
93-94	0.16439	13,630	2,241	12,510	58,076	4.26
94-95	0.17732	11,389	2,020	10,379	45,567	4.00
95-96	0.19104	9,370	1,790	8,475	35,187	3.76
96-97	0.20556	7,580	1,558	6,801	26,712	3.52
97-98	0.22088	6,022	1,330	5,357	19,912	3.31
98-99	0.23701	4,692	1,112	4,136	14,555	3.10
99-100	0.25393	3,580	909	3,125	10,420	2.91
100-101	0.27163	2,671	725	2,308	7,295	2.73
101-102	0.29009	1,945	564	1,663	4,987	2.56
102-103	0.30927	1,381	427	1,167	3,324	2.41
103-104	0.32914	954	314	797	2,156	2.26
104-105	0.34964	640	224	528	1,359	2.12
105-106	0.37072	416	154	339	831	2.00
106-107	0.39231	262	103	211	492	1.88
107-108	0.41433	159	66	126	282	1.77
108-109	0.43671	93	41	73	156	1.67
109-110	0.45935	53	24	40	83	1.57

**Table MI-5. Life table for white males: Michigan, 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	0.00695	100,000	695	99,653	7,525,784	75.26
1-2	0.00041	99,305	41	99,285	7,426,131	74.78
2-3	0.00038	99,264	38	99,245	7,326,846	73.81
3-4	0.00028	99,226	28	99,212	7,227,601	72.84
4-5	0.00022	99,198	22	99,188	7,128,388	71.86
5-6	0.00019	99,177	19	99,167	7,029,201	70.88
6-7	0.00017	99,158	17	99,150	6,930,034	69.89
7-8	0.00015	99,141	15	99,134	6,830,884	68.90
8-9	0.00013	99,126	13	99,120	6,731,750	67.91
9-10	0.00011	99,113	11	99,108	6,632,630	66.92
10-11	0.00009	99,103	9	99,098	6,533,522	65.93
11-12	0.00009	99,094	9	99,090	6,434,424	64.93
12-13	0.00014	99,085	13	99,078	6,335,334	63.94
13-14	0.00023	99,072	23	99,060	6,236,256	62.95
14-15	0.00037	99,048	36	99,030	6,137,196	61.96
15-16	0.00052	99,012	51	98,986	6,038,166	60.98
16-17	0.00066	98,961	65	98,928	5,939,179	60.02
17-18	0.00078	98,896	77	98,858	5,840,251	59.05
18-19	0.00086	98,819	85	98,777	5,741,393	58.10
19-20	0.00093	98,734	92	98,688	5,642,617	57.15
20-21	0.00100	98,642	99	98,593	5,543,929	56.20
21-22	0.00108	98,543	106	98,490	5,445,336	55.26
22-23	0.00112	98,437	111	98,382	5,346,845	54.32
23-24	0.00113	98,327	112	98,271	5,248,463	53.38
24-25	0.00111	98,215	109	98,161	5,150,192	52.44
25-26	0.00108	98,106	106	98,053	5,052,032	51.50
26-27	0.00107	97,999	104	97,947	4,953,979	50.55
27-28	0.00106	97,895	104	97,843	4,856,032	49.60
28-29	0.00108	97,791	105	97,738	4,758,189	48.66
29-30	0.00111	97,686	108	97,632	4,660,451	47.71
30-31	0.00114	97,578	111	97,522	4,562,819	46.76
31-32	0.00118	97,467	115	97,409	4,465,297	45.81
32-33	0.00123	97,352	119	97,292	4,367,888	44.87
33-34	0.00128	97,232	125	97,170	4,270,596	43.92
34-35	0.00135	97,107	131	97,042	4,173,426	42.98
35-36	0.00143	96,976	139	96,907	4,076,384	42.03
36-37	0.00153	96,838	148	96,764	3,979,477	41.09
37-38	0.00165	96,689	160	96,609	3,882,714	40.16
38-39	0.00180	96,529	174	96,443	3,786,104	39.22
39-40	0.00196	96,356	189	96,261	3,689,662	38.29
40-41	0.00213	96,167	205	96,065	3,593,400	37.37
41-42	0.00232	95,963	223	95,851	3,497,335	36.44
42-43	0.00254	95,740	243	95,618	3,401,484	35.53
43-44	0.00277	95,497	264	95,365	3,305,866	34.62
44-45	0.00302	95,232	288	95,088	3,210,501	33.71
45-46	0.00330	94,944	314	94,787	3,115,413	32.81
46-47	0.00361	94,631	342	94,460	3,020,626	31.92
47-48	0.00394	94,289	372	94,103	2,926,166	31.03
48-49	0.00431	93,917	405	93,715	2,832,063	30.15
49-50	0.00471	93,512	440	93,292	2,738,348	29.28
50-51	0.00514	93,072	479	92,833	2,645,056	28.42
51-52	0.00562	92,594	520	92,334	2,552,223	27.56

52-53	0.00614	92,074	565	91,791	2,459,889	26.72
53-54	0.00670	91,509	613	91,202	2,368,098	25.88
54-55	0.00732	90,895	665	90,563	2,276,896	25.05
55-56	0.00799	90,230	721	89,869	2,186,333	24.23
56-57	0.00873	89,509	782	89,118	2,096,464	23.42
57-58	0.00953	88,727	846	88,304	2,007,346	22.62
58-59	0.01041	87,881	915	87,424	1,919,042	21.84
59-60	0.01137	86,966	989	86,472	1,831,618	21.06
60-61	0.01241	85,977	1,067	85,444	1,745,146	20.30
61-62	0.01355	84,910	1,150	84,335	1,659,702	19.55
62-63	0.01479	83,760	1,239	83,140	1,575,367	18.81
63-64	0.01614	82,521	1,332	81,855	1,492,227	18.08
64-65	0.01762	81,189	1,430	80,474	1,410,372	17.37
65-66	0.01922	79,759	1,533	78,992	1,329,898	16.67
66-67	0.02097	78,226	1,640	77,406	1,250,905	15.99
67-68	0.02287	76,585	1,752	75,710	1,173,500	15.32
68-69	0.02495	74,834	1,867	73,900	1,097,790	14.67
69-70	0.02720	72,967	1,985	71,974	1,023,890	14.03
70-71	0.02965	70,982	2,105	69,930	951,916	13.41
71-72	0.03232	68,877	2,226	67,764	881,986	12.81
72-73	0.03522	66,651	2,347	65,477	814,222	12.22
73-74	0.03837	64,304	2,467	63,070	748,745	11.64
74-75	0.04178	61,837	2,584	60,545	685,674	11.09
75-76	0.04549	59,253	2,695	57,905	625,130	10.55
76-77	0.04951	56,558	2,800	55,158	567,224	10.03
77-78	0.05386	53,758	2,895	52,310	512,066	9.53
78-79	0.05857	50,863	2,979	49,373	459,756	9.04
79-80	0.06367	47,884	3,049	46,359	410,383	8.57
80-81	0.06917	44,835	3,101	43,284	364,024	8.12
81-82	0.07512	41,734	3,135	40,166	320,739	7.69
82-83	0.08153	38,599	3,147	37,025	280,573	7.27
83-84	0.08843	35,452	3,135	33,884	243,548	6.87
84-85	0.09586	32,317	3,098	30,768	209,663	6.49
85-86	0.10385	29,219	3,034	27,702	178,896	6.12
86-87	0.11241	26,184	2,943	24,713	151,194	5.77
87-88	0.12159	23,241	2,826	21,828	126,482	5.44
88-89	0.13140	20,415	2,683	19,074	104,654	5.13
89-90	0.14188	17,732	2,516	16,475	85,580	4.83
90-91	0.15305	15,217	2,329	14,052	69,105	4.54
91-92	0.16492	12,888	2,125	11,825	55,053	4.27
92-93	0.17753	10,762	1,911	9,807	43,228	4.02
93-94	0.19088	8,852	1,690	8,007	33,421	3.78
94-95	0.20498	7,162	1,468	6,428	25,414	3.55
95-96	0.21984	5,694	1,252	5,068	18,986	3.33
96-97	0.23546	4,442	1,046	3,919	13,918	3.13
97-98	0.25183	3,396	855	2,969	9,999	2.94
98-99	0.26894	2,541	683	2,199	7,030	2.77
99-100	0.28676	1,858	533	1,591	4,831	2.60
100-101	0.30527	1,325	404	1,123	3,240	2.45
101-102	0.32444	920	299	771	2,117	2.30
102-103	0.34421	622	214	515	1,346	2.16
103-104	0.36453	408	149	333	831	2.04
104-105	0.38535	259	100	209	498	1.92
105-106	0.40660	159	65	127	288	1.81
106-107	0.42821	95	40	74	162	1.71
107-108	0.45009	54	24	42	87	1.61
108-109	0.47217	30	14	23	45	1.53
109-110	0.49435	16	8	12	23	1.45

**Table MI-6. Life table for white females: Michigan, 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	0.00512	100,000	512	99,744	8,059,160	80.59
1-2	0.00042	99,488	41	99,467	7,959,416	80.00
2-3	0.00023	99,447	23	99,435	7,859,948	79.04
3-4	0.00018	99,424	18	99,415	7,760,513	78.05
4-5	0.00015	99,406	15	99,399	7,661,098	77.07
5-6	0.00014	99,391	14	99,385	7,561,699	76.08
6-7	0.00013	99,378	13	99,371	7,462,314	75.09
7-8	0.00012	99,365	12	99,359	7,362,943	74.10
8-9	0.00012	99,353	12	99,347	7,263,584	73.11
9-10	0.00011	99,341	11	99,335	7,164,237	72.12
10-11	0.00011	99,330	11	99,324	7,064,902	71.13
11-12	0.00011	99,319	11	99,314	6,965,578	70.13
12-13	0.00013	99,308	13	99,302	6,866,264	69.14
13-14	0.00017	99,295	17	99,286	6,766,963	68.15
14-15	0.00023	99,278	23	99,266	6,667,676	67.16
15-16	0.00030	99,255	29	99,240	6,568,410	66.18
16-17	0.00035	99,226	35	99,208	6,469,170	65.20
17-18	0.00040	99,190	39	99,171	6,369,962	64.22
18-19	0.00041	99,151	41	99,131	6,270,791	63.24
19-20	0.00041	99,110	40	99,090	6,171,660	62.27
20-21	0.00040	99,070	39	99,050	6,072,570	61.30
21-22	0.00040	99,031	39	99,011	5,973,520	60.32
22-23	0.00039	98,991	39	98,972	5,874,509	59.34
23-24	0.00039	98,953	39	98,933	5,775,537	58.37
24-25	0.00039	98,914	39	98,895	5,676,603	57.39
25-26	0.00040	98,875	39	98,856	5,577,709	56.41
26-27	0.00041	98,836	40	98,816	5,478,853	55.43
27-28	0.00043	98,795	42	98,774	5,380,037	54.46
28-29	0.00046	98,753	45	98,731	5,281,263	53.48
29-30	0.00049	98,708	48	98,684	5,182,533	52.50
30-31	0.00053	98,660	52	98,633	5,083,849	51.53
31-32	0.00058	98,607	57	98,579	4,985,215	50.56
32-33	0.00063	98,550	62	98,519	4,886,637	49.59
33-34	0.00069	98,488	68	98,454	4,788,117	48.62
34-35	0.00075	98,420	74	98,383	4,689,663	47.65
35-36	0.00082	98,346	81	98,306	4,591,280	46.68
36-37	0.00089	98,265	87	98,222	4,492,974	45.72
37-38	0.00096	98,178	95	98,131	4,394,752	44.76
38-39	0.00105	98,083	103	98,032	4,296,622	43.81
39-40	0.00113	97,981	111	97,925	4,198,589	42.85
40-41	0.00123	97,870	120	97,810	4,100,664	41.90
41-42	0.00133	97,750	130	97,685	4,002,854	40.95
42-43	0.00145	97,619	142	97,548	3,905,170	40.00
43-44	0.00158	97,478	154	97,400	3,807,621	39.06
44-45	0.00173	97,323	168	97,239	3,710,221	38.12
45-46	0.00189	97,155	183	97,064	3,612,982	37.19
46-47	0.00206	96,972	200	96,872	3,515,918	36.26
47-48	0.00225	96,772	218	96,663	3,419,046	35.33
48-49	0.00247	96,554	238	96,435	3,322,383	34.41
49-50	0.00270	96,316	260	96,186	3,225,948	33.49
50-51	0.00296	96,056	284	95,913	3,129,762	32.58
51-52	0.00325	95,771	311	95,616	3,033,849	31.68

52-53	0.00356	95,460	340	95,290	2,938,233	30.78
53-54	0.00391	95,121	371	94,935	2,842,942	29.89
54-55	0.00429	94,749	406	94,546	2,748,008	29.00
55-56	0.00470	94,343	444	94,121	2,653,461	28.13
56-57	0.00517	93,899	485	93,657	2,559,340	27.26
57-58	0.00567	93,414	530	93,149	2,465,684	26.40
58-59	0.00623	92,884	579	92,595	2,372,535	25.54
59-60	0.00684	92,305	632	91,990	2,279,940	24.70
60-61	0.00752	91,674	689	91,329	2,187,950	23.87
61-62	0.00826	90,984	752	90,608	2,096,621	23.04
62-63	0.00908	90,233	819	89,823	2,006,013	22.23
63-64	0.00998	89,413	892	88,967	1,916,190	21.43
64-65	0.01096	88,521	970	88,036	1,827,222	20.64
65-66	0.01204	87,551	1,054	87,024	1,739,186	19.86
66-67	0.01331	86,497	1,151	85,921	1,652,162	19.10
67-68	0.01460	85,346	1,246	84,723	1,566,241	18.35
68-69	0.01602	84,100	1,347	83,426	1,481,518	17.62
69-70	0.01757	82,753	1,454	82,026	1,398,092	16.89
70-71	0.01927	81,299	1,567	80,515	1,316,067	16.19
71-72	0.02113	79,732	1,685	78,890	1,235,551	15.50
72-73	0.02316	78,048	1,808	77,144	1,156,661	14.82
73-74	0.02539	76,240	1,936	75,272	1,079,517	14.16
74-75	0.02783	74,304	2,068	73,270	1,004,246	13.52
75-76	0.03049	72,236	2,202	71,135	930,976	12.89
76-77	0.03339	70,034	2,339	68,865	859,841	12.28
77-78	0.03657	67,695	2,475	66,458	790,976	11.68
78-79	0.04003	65,220	2,611	63,915	724,518	11.11
79-80	0.04380	62,609	2,743	61,238	660,604	10.55
80-81	0.04792	59,867	2,869	58,432	599,366	10.01
81-82	0.05240	56,998	2,986	55,505	540,934	9.49
82-83	0.05727	54,012	3,093	52,465	485,429	8.99
83-84	0.06256	50,918	3,186	49,326	432,964	8.50
84-85	0.06831	47,733	3,261	46,102	383,638	8.04
85-86	0.07455	44,472	3,315	42,814	337,536	7.59
86-87	0.08130	41,157	3,346	39,484	294,722	7.16
87-88	0.08861	37,811	3,350	36,135	255,238	6.75
88-89	0.09651	34,460	3,326	32,797	219,103	6.36
89-90	0.10503	31,134	3,270	29,499	186,306	5.98
90-91	0.11420	27,864	3,182	26,273	156,806	5.63
91-92	0.12407	24,682	3,062	23,151	130,533	5.29
92-93	0.13466	21,620	2,911	20,164	107,382	4.97
93-94	0.14600	18,709	2,731	17,343	87,218	4.66
94-95	0.15813	15,977	2,526	14,714	69,875	4.37
95-96	0.17105	13,451	2,301	12,300	55,161	4.10
96-97	0.18481	11,150	2,061	10,120	42,861	3.84
97-98	0.19940	9,089	1,812	8,183	32,741	3.60
98-99	0.21484	7,277	1,563	6,495	24,558	3.37
99-100	0.23114	5,714	1,321	5,053	18,063	3.16
100-101	0.24827	4,393	1,091	3,848	13,009	2.96
101-102	0.26624	3,302	879	2,863	9,162	2.77
102-103	0.28502	2,423	691	2,078	6,299	2.60
103-104	0.30457	1,732	528	1,469	4,221	2.44
104-105	0.32485	1,205	391	1,009	2,753	2.28
105-106	0.34581	813	281	673	1,744	2.14
106-107	0.36739	532	196	434	1,071	2.01
107-108	0.38951	337	131	271	636	1.89
108-109	0.41209	206	85	163	365	1.78
109-110	0.43506	121	53	95	202	1.67

**Table MI-7. Life table for the black population: Michigan, 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	0.01277	100,000	1,277	99,361	7,162,429	71.62
1-2	0.00169	98,723	167	98,639	7,063,067	71.54
2-3	0.00061	98,556	60	98,525	6,964,428	70.66
3-4	0.00040	98,495	39	98,476	6,865,903	69.71
4-5	0.00034	98,456	34	98,439	6,767,427	68.74
5-6	0.00031	98,422	31	98,407	6,668,988	67.76
6-7	0.00029	98,391	29	98,377	6,570,581	66.78
7-8	0.00028	98,362	27	98,349	6,472,204	65.80
8-9	0.00026	98,335	25	98,323	6,373,856	64.82
9-10	0.00024	98,310	23	98,298	6,275,533	63.83
10-11	0.00022	98,287	22	98,276	6,177,235	62.85
11-12	0.00023	98,265	22	98,254	6,078,959	61.86
12-13	0.00026	98,243	26	98,230	5,980,705	60.88
13-14	0.00034	98,217	33	98,200	5,882,475	59.89
14-15	0.00045	98,184	44	98,162	5,784,275	58.91
15-16	0.00060	98,139	59	98,110	5,686,113	57.94
16-17	0.00077	98,080	76	98,042	5,588,003	56.97
17-18	0.00096	98,004	94	97,957	5,489,961	56.02
18-19	0.00116	97,910	114	97,854	5,392,004	55.07
19-20	0.00137	97,797	134	97,730	5,294,150	54.13
20-21	0.00159	97,663	156	97,585	5,196,420	53.21
21-22	0.00180	97,507	175	97,419	5,098,836	52.29
22-23	0.00195	97,331	189	97,237	5,001,417	51.39
23-24	0.00201	97,142	195	97,044	4,904,180	50.48
24-25	0.00201	96,947	195	96,849	4,807,136	49.59
25-26	0.00198	96,752	191	96,657	4,710,286	48.68
26-27	0.00193	96,561	186	96,468	4,613,630	47.78
27-28	0.00193	96,375	186	96,282	4,517,162	46.87
28-29	0.00197	96,189	190	96,094	4,420,880	45.96
29-30	0.00205	95,999	197	95,901	4,324,785	45.05
30-31	0.00217	95,802	208	95,698	4,228,885	44.14
31-32	0.00230	95,595	220	95,484	4,133,186	43.24
32-33	0.00247	95,374	236	95,256	4,037,702	42.34
33-34	0.00266	95,139	253	95,012	3,942,445	41.44
34-35	0.00288	94,886	273	94,749	3,847,433	40.55
35-36	0.00312	94,613	295	94,465	3,752,684	39.66
36-37	0.00338	94,318	319	94,158	3,658,219	38.79
37-38	0.00367	93,999	345	93,826	3,564,061	37.92
38-39	0.00397	93,654	372	93,468	3,470,234	37.05
39-40	0.00430	93,282	401	93,082	3,376,766	36.20
40-41	0.00464	92,881	431	92,666	3,283,685	35.35
41-42	0.00496	92,451	458	92,222	3,191,019	34.52
42-43	0.00530	91,992	487	91,749	3,098,797	33.69
43-44	0.00565	91,505	517	91,246	3,007,048	32.86

44-45	0.00603	90,988	548	90,714	2,915,802	32.05
45-46	0.00642	90,440	581	90,149	2,825,088	31.24
46-47	0.00684	89,859	615	89,551	2,734,939	30.44
47-48	0.00730	89,244	651	88,918	2,645,388	29.64
48-49	0.00779	88,592	690	88,247	2,556,470	28.86
49-50	0.00832	87,902	731	87,537	2,468,222	28.08
50-51	0.00888	87,171	774	86,784	2,380,685	27.31
51-52	0.00949	86,397	819	85,987	2,293,901	26.55
52-53	0.01013	85,577	867	85,144	2,207,914	25.80
53-54	0.01081	84,711	916	84,253	2,122,770	25.06
54-55	0.01154	83,795	967	83,312	2,038,517	24.33
55-56	0.01231	82,829	1,020	82,319	1,955,205	23.61
56-57	0.01314	81,809	1,075	81,271	1,872,886	22.89
57-58	0.01402	80,734	1,132	80,168	1,791,615	22.19
58-59	0.01493	79,602	1,189	79,008	1,711,447	21.50
59-60	0.01589	78,414	1,246	77,791	1,632,439	20.82
60-61	0.01690	77,168	1,304	76,515	1,554,649	20.15
61-62	0.01798	75,863	1,364	75,181	1,478,134	19.48
62-63	0.01914	74,499	1,426	73,786	1,402,953	18.83
63-64	0.02040	73,073	1,491	72,327	1,329,167	18.19
64-65	0.02176	71,582	1,558	70,803	1,256,840	17.56
65-66	0.02322	70,024	1,626	69,211	1,186,037	16.94
66-67	0.02478	68,399	1,695	67,551	1,116,825	16.33
67-68	0.02646	66,704	1,765	65,821	1,049,274	15.73
68-69	0.02828	64,939	1,836	64,021	983,453	15.14
69-70	0.03023	63,103	1,908	62,149	919,432	14.57
70-71	0.03233	61,195	1,979	60,206	857,283	14.01
71-72	0.03459	59,216	2,048	58,192	797,077	13.46
72-73	0.03700	57,168	2,115	56,111	738,885	12.92
73-74	0.03956	55,053	2,178	53,964	682,774	12.40
74-75	0.04228	52,875	2,236	51,758	628,810	11.89
75-76	0.04519	50,640	2,288	49,496	577,052	11.40
76-77	0.04830	48,351	2,335	47,184	527,557	10.91
77-78	0.05162	46,016	2,375	44,828	480,373	10.44
78-79	0.05516	43,641	2,407	42,437	435,545	9.98
79-80	0.05892	41,233	2,429	40,019	393,108	9.53
80-81	0.06330	38,804	2,456	37,576	353,089	9.10
81-82	0.06777	36,348	2,463	35,116	315,514	8.68
82-83	0.07256	33,884	2,459	32,655	280,398	8.28
83-84	0.07769	31,425	2,441	30,205	247,743	7.88
84-85	0.08317	28,984	2,410	27,779	217,538	7.51
85-86	0.08901	26,574	2,365	25,391	189,759	7.14
86-87	0.09526	24,208	2,306	23,055	164,368	6.79
87-88	0.10192	21,902	2,232	20,786	141,313	6.45
88-89	0.10901	19,670	2,144	18,598	120,527	6.13
89-90	0.11657	17,526	2,043	16,504	101,929	5.82
90-91	0.12460	15,483	1,929	14,518	85,425	5.52
91-92	0.13313	13,554	1,804	12,651	70,907	5.23
92-93	0.14218	11,749	1,671	10,914	58,256	4.96
93-94	0.15177	10,079	1,530	9,314	47,342	4.70
94-95	0.16191	8,549	1,384	7,857	38,028	4.45
95-96	0.17263	7,165	1,237	6,546	30,171	4.21
96-97	0.18392	5,928	1,090	5,383	23,625	3.99



97-98	0.19581	4,838	947	4,364	18,242	3.77
98-99	0.20829	3,890	810	3,485	13,878	3.57
99-100	0.22139	3,080	682	2,739	10,393	3.37
100-101	0.23508	2,398	564	2,116	7,653	3.19
101-102	0.24937	1,834	457	1,606	5,537	3.02
102-103	0.26426	1,377	364	1,195	3,931	2.86
103-104	0.27972	1,013	283	871	2,736	2.70
104-105	0.29573	730	216	622	1,865	2.56
105-106	0.31228	514	160	434	1,243	2.42
106-107	0.32933	353	116	295	809	2.29
107-108	0.34685	237	82	196	514	2.17
108-109	0.36480	155	56	127	318	2.06
109-110	0.38314	98	38	80	192	1.95

**Table MI-8. Life table for black males: Michigan, 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	0.00923	100,000	923	99,539	6,737,570	67.38
1-2	0.00246	99,077	244	98,956	6,638,031	67.00
2-3	0.00071	98,834	71	98,799	6,539,076	66.16
3-4	0.00040	98,763	39	98,744	6,440,277	65.21
4-5	0.00036	98,724	35	98,706	6,341,533	64.24
5-6	0.00036	98,689	35	98,671	6,242,827	63.26
6-7	0.00036	98,653	35	98,636	6,144,156	62.28
7-8	0.00035	98,618	34	98,601	6,045,520	61.30
8-9	0.00033	98,584	33	98,567	5,946,920	60.32
9-10	0.00031	98,551	30	98,536	5,848,352	59.34
10-11	0.00029	98,521	28	98,507	5,749,816	58.36
11-12	0.00030	98,492	29	98,478	5,651,310	57.38
12-13	0.00035	98,463	34	98,446	5,552,832	56.40
13-14	0.00046	98,429	45	98,406	5,454,386	55.41
14-15	0.00063	98,384	62	98,353	5,355,980	54.44
15-16	0.00085	98,322	83	98,281	5,257,626	53.47
16-17	0.00111	98,239	109	98,185	5,159,346	52.52
17-18	0.00140	98,130	138	98,061	5,061,161	51.58
18-19	0.00175	97,992	171	97,907	4,963,100	50.65
19-20	0.00213	97,821	209	97,717	4,865,193	49.74
20-21	0.00254	97,613	248	97,489	4,767,476	48.84
21-22	0.00291	97,365	283	97,223	4,669,987	47.96
22-23	0.00318	97,082	309	96,928	4,572,764	47.10
23-24	0.00330	96,773	320	96,614	4,475,836	46.25
24-25	0.00330	96,454	318	96,294	4,379,223	45.40
25-26	0.00324	96,135	311	95,980	4,282,928	44.55
26-27	0.00312	95,824	299	95,675	4,186,949	43.69
27-28	0.00306	95,526	292	95,379	4,091,274	42.83
28-29	0.00306	95,233	291	95,088	3,995,894	41.96
29-30	0.00310	94,942	295	94,795	3,900,806	41.09
30-31	0.00320	94,648	303	94,497	3,806,011	40.21
31-32	0.00334	94,345	315	94,188	3,711,515	39.34
32-33	0.00354	94,030	332	93,864	3,617,327	38.47
33-34	0.00379	93,698	355	93,520	3,523,463	37.60
34-35	0.00411	93,342	383	93,151	3,429,943	36.75
35-36	0.00447	92,959	415	92,752	3,336,792	35.90
36-37	0.00487	92,544	451	92,319	3,244,040	35.05
37-38	0.00531	92,093	489	91,849	3,151,722	34.22
38-39	0.00577	91,605	529	91,340	3,059,873	33.40
39-40	0.00627	91,076	571	90,790	2,968,533	32.59
40-41	0.00679	90,505	614	90,197	2,877,743	31.80
41-42	0.00723	89,890	650	89,566	2,787,545	31.01
42-43	0.00769	89,241	686	88,898	2,697,980	30.23
43-44	0.00818	88,555	724	88,193	2,609,082	29.46

44-45	0.00869	87,830	763	87,449	2,520,889	28.70
45-46	0.00924	87,067	804	86,665	2,433,441	27.95
46-47	0.00981	86,263	846	85,840	2,346,776	27.20
47-48	0.01042	85,416	890	84,971	2,260,936	26.47
48-49	0.01106	84,526	935	84,059	2,175,965	25.74
49-50	0.01174	83,591	982	83,100	2,091,906	25.03
50-51	0.01246	82,610	1,029	82,095	2,008,806	24.32
51-52	0.01322	81,580	1,079	81,041	1,926,711	23.62
52-53	0.01403	80,502	1,129	79,937	1,845,670	22.93
53-54	0.01488	79,372	1,181	78,781	1,765,733	22.25
54-55	0.01579	78,191	1,235	77,573	1,686,951	21.57
55-56	0.01675	76,956	1,289	76,312	1,609,378	20.91
56-57	0.01777	75,667	1,345	74,994	1,533,067	20.26
57-58	0.01886	74,322	1,402	73,621	1,458,072	19.62
58-59	0.02001	72,921	1,459	72,191	1,384,451	18.99
59-60	0.02124	71,461	1,518	70,703	1,312,260	18.36
60-61	0.02254	69,944	1,577	69,155	1,241,557	17.75
61-62	0.02393	68,367	1,636	67,549	1,172,402	17.15
62-63	0.02541	66,731	1,696	65,883	1,104,853	16.56
63-64	0.02699	65,035	1,755	64,158	1,038,969	15.98
64-65	0.02867	63,280	1,815	62,373	974,812	15.40
65-66	0.03047	61,466	1,873	60,529	912,439	14.84
66-67	0.03239	59,593	1,930	58,627	851,910	14.30
67-68	0.03444	57,662	1,986	56,669	793,282	13.76
68-69	0.03664	55,676	2,040	54,656	736,613	13.23
69-70	0.03899	53,636	2,091	52,591	681,957	12.71
70-71	0.04150	51,545	2,139	50,476	629,367	12.21
71-72	0.04419	49,406	2,183	48,314	578,891	11.72
72-73	0.04707	47,223	2,223	46,112	530,577	11.24
73-74	0.05016	45,000	2,257	43,872	484,465	10.77
74-75	0.05346	42,743	2,285	41,601	440,593	10.31
75-76	0.05701	40,458	2,306	39,305	398,993	9.86
76-77	0.06081	38,152	2,320	36,992	359,688	9.43
77-78	0.06488	35,832	2,325	34,669	322,696	9.01
78-79	0.06925	33,507	2,320	32,346	288,027	8.60
79-80	0.07394	31,186	2,306	30,033	255,681	8.20
80-81	0.07896	28,880	2,280	27,740	225,648	7.81
81-82	0.08434	26,600	2,244	25,478	197,908	7.44
82-83	0.09011	24,356	2,195	23,259	172,429	7.08
83-84	0.09629	22,162	2,134	21,095	149,171	6.73
84-85	0.10290	20,028	2,061	18,997	128,076	6.39
85-86	0.10998	17,967	1,976	16,979	109,079	6.07
86-87	0.11754	15,991	1,880	15,051	92,100	5.76
87-88	0.12562	14,111	1,773	13,225	77,049	5.46
88-89	0.13424	12,339	1,656	11,510	63,824	5.17
89-90	0.14344	10,682	1,532	9,916	52,314	4.90
90-91	0.15323	9,150	1,402	8,449	42,397	4.63
91-92	0.16365	7,748	1,268	7,114	33,948	4.38
92-93	0.17471	6,480	1,132	5,914	26,835	4.14
93-94	0.18643	5,348	997	4,849	20,921	3.91
94-95	0.19884	4,351	865	3,918	16,071	3.69
95-96	0.21196	3,486	739	3,116	12,153	3.49
96-97	0.22579	2,747	620	2,437	9,037	3.29

97-98	0.24033	2,127	511	1,871	6,600	3.10
98-99	0.25560	1,616	413	1,409	4,729	2.93
99-100	0.27159	1,203	327	1,039	3,320	2.76
100-101	0.28829	876	253	750	2,280	2.60
101-102	0.30567	623	191	528	1,530	2.45
102-103	0.32373	433	140	363	1,002	2.32
103-104	0.34241	293	100	243	640	2.18
104-105	0.36169	193	70	158	397	2.06
105-106	0.38152	123	47	99	239	1.95
106-107	0.40183	76	31	61	140	1.84
107-108	0.42257	45	19	36	79	1.74
108-109	0.44368	26	12	20	43	1.64
109-110	0.46506	15	7	11	23	1.56

**Table MI-9. Life table for black females: Michigan, 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	0.01514	100,000	1,514	99,243	7,595,385	75.95
1-2	0.00091	98,486	89	98,441	7,496,142	76.11
2-3	0.00051	98,396	50	98,371	7,397,701	75.18
3-4	0.00040	98,346	39	98,327	7,299,330	74.22
4-5	0.00032	98,307	32	98,291	7,201,003	73.25
5-6	0.00027	98,275	26	98,262	7,102,712	72.27
6-7	0.00023	98,249	23	98,237	7,004,450	71.29
7-8	0.00020	98,226	20	98,216	6,906,213	70.31
8-9	0.00018	98,206	18	98,197	6,807,997	69.32
9-10	0.00016	98,189	16	98,181	6,709,800	68.34
10-11	0.00015	98,173	15	98,165	6,611,619	67.35
11-12	0.00015	98,158	15	98,150	6,513,454	66.36
12-13	0.00017	98,142	17	98,134	6,415,304	65.37
13-14	0.00021	98,125	21	98,115	6,317,170	64.38
14-15	0.00027	98,104	27	98,091	6,219,055	63.39
15-16	0.00035	98,078	34	98,060	6,120,964	62.41
16-17	0.00043	98,043	42	98,022	6,022,904	61.43
17-18	0.00050	98,001	49	97,977	5,924,881	60.46
18-19	0.00057	97,952	56	97,924	5,826,905	59.49
19-20	0.00062	97,896	61	97,866	5,728,980	58.52
20-21	0.00068	97,836	67	97,802	5,631,114	57.56
21-22	0.00075	97,769	73	97,732	5,533,312	56.60
22-23	0.00079	97,696	78	97,657	5,435,580	55.64
23-24	0.00082	97,618	80	97,578	5,337,922	54.68
24-25	0.00083	97,538	81	97,498	5,240,344	53.73
25-26	0.00085	97,457	82	97,416	5,142,846	52.77
26-27	0.00087	97,375	85	97,332	5,045,431	51.81
27-28	0.00093	97,289	90	97,244	4,948,099	50.86
28-29	0.00102	97,199	99	97,149	4,850,855	49.91
29-30	0.00113	97,100	110	97,045	4,753,705	48.96
30-31	0.00126	96,990	122	96,929	4,656,660	48.01
31-32	0.00139	96,868	134	96,801	4,559,731	47.07
32-33	0.00152	96,734	147	96,660	4,462,930	46.14
33-34	0.00166	96,586	160	96,506	4,366,270	45.21
34-35	0.00180	96,426	174	96,339	4,269,763	44.28
35-36	0.00195	96,252	187	96,159	4,173,424	43.36
36-37	0.00210	96,065	202	95,964	4,077,266	42.44
37-38	0.00226	95,863	217	95,754	3,981,302	41.53
38-39	0.00243	95,646	233	95,530	3,885,547	40.62
39-40	0.00260	95,413	249	95,289	3,790,018	39.72
40-41	0.00278	95,165	265	95,032	3,694,729	38.82
41-42	0.00300	94,900	285	94,758	3,599,696	37.93
42-43	0.00323	94,615	306	94,463	3,504,938	37.04
43-44	0.00348	94,310	328	94,146	3,410,476	36.16

44-45	0.00375	93,981	353	93,805	3,316,330	35.29
45-46	0.00404	93,629	378	93,440	3,222,525	34.42
46-47	0.00435	93,251	406	93,048	3,129,085	33.56
47-48	0.00469	92,845	436	92,627	3,036,038	32.70
48-49	0.00505	92,409	467	92,176	2,943,411	31.85
49-50	0.00544	91,942	501	91,692	2,851,235	31.01
50-51	0.00586	91,442	536	91,173	2,759,544	30.18
51-52	0.00632	90,905	574	90,618	2,668,370	29.35
52-53	0.00681	90,331	615	90,024	2,577,752	28.54
53-54	0.00733	89,716	658	89,387	2,487,729	27.73
54-55	0.00790	89,059	703	88,707	2,398,341	26.93
55-56	0.00850	88,355	751	87,980	2,309,634	26.14
56-57	0.00916	87,604	802	87,203	2,221,655	25.36
57-58	0.00986	86,801	856	86,373	2,134,452	24.59
58-59	0.01062	85,945	913	85,489	2,048,079	23.83
59-60	0.01144	85,032	973	84,546	1,962,590	23.08
60-61	0.01232	84,060	1,035	83,542	1,878,044	22.34
61-62	0.01326	83,024	1,101	82,474	1,794,502	21.61
62-63	0.01428	81,923	1,170	81,338	1,712,029	20.90
63-64	0.01537	80,753	1,241	80,133	1,630,690	20.19
64-65	0.01655	79,512	1,316	78,854	1,550,558	19.50
65-66	0.01781	78,196	1,393	77,500	1,471,703	18.82
66-67	0.01917	76,804	1,472	76,068	1,394,203	18.15
67-68	0.02063	75,332	1,554	74,555	1,318,136	17.50
68-69	0.02219	73,778	1,637	72,959	1,243,581	16.86
69-70	0.02388	72,140	1,723	71,279	1,170,622	16.23
70-71	0.02569	70,418	1,809	69,514	1,099,342	15.61
71-72	0.02763	68,609	1,896	67,661	1,029,829	15.01
72-73	0.02971	66,714	1,982	65,723	962,167	14.42
73-74	0.03195	64,731	2,068	63,697	896,445	13.85
74-75	0.03434	62,664	2,152	61,587	832,747	13.29
75-76	0.03692	60,511	2,234	59,394	771,160	12.74
76-77	0.03967	58,278	2,312	57,122	711,766	12.21
77-78	0.04262	55,966	2,385	54,773	654,644	11.70
78-79	0.04579	53,580	2,453	52,353	599,871	11.20
79-80	0.04917	51,127	2,514	49,870	547,518	10.71
80-81	0.05279	48,613	2,566	47,330	497,648	10.24
81-82	0.05666	46,047	2,609	44,742	450,318	9.78
82-83	0.06080	43,438	2,641	42,117	405,576	9.34
83-84	0.06521	40,797	2,661	39,467	363,458	8.91
84-85	0.06993	38,136	2,667	36,803	323,992	8.50
85-86	0.07496	35,470	2,659	34,140	287,189	8.10
86-87	0.08031	32,811	2,635	31,493	253,048	7.71
87-88	0.08602	30,176	2,596	28,878	221,555	7.34
88-89	0.09209	27,580	2,540	26,310	192,677	6.99
89-90	0.09854	25,040	2,468	23,806	166,367	6.64
90-91	0.10540	22,573	2,379	21,383	142,561	6.32
91-92	0.11267	20,193	2,275	19,056	121,178	6.00
92-93	0.12037	17,918	2,157	16,840	102,122	5.70
93-94	0.12852	15,762	2,026	14,749	85,282	5.41
94-95	0.13714	13,736	1,884	12,794	70,533	5.13
95-96	0.14624	11,852	1,733	10,985	57,739	4.87
96-97	0.15584	10,119	1,577	9,330	46,754	4.62

97-98	0.16594	8,542	1,417	7,833	37,423	4.38
98-99	0.17656	7,124	1,258	6,495	29,590	4.15
99-100	0.18771	5,866	1,101	5,316	23,095	3.94
100-101	0.19939	4,765	950	4,290	17,779	3.73
101-102	0.21161	3,815	807	3,411	13,489	3.54
102-103	0.22437	3,008	675	2,670	10,077	3.35
103-104	0.23767	2,333	554	2,056	7,407	3.18
104-105	0.25149	1,778	447	1,555	5,351	3.01
105-106	0.26585	1,331	354	1,154	3,797	2.85
106-107	0.28071	977	274	840	2,642	2.70
107-108	0.29607	703	208	599	1,802	2.56
108-109	0.31190	495	154	418	1,203	2.43
109-110	0.32819	340	112	285	786	2.31

**Table MI-10. Standard errors of the probability of dying, Michigan, 1999-2001**

Age	Total			White			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-1	0.000113	0.000211	0.000123	0.000133	0.000206	0.000182	0.000356	0.000338	0.000650
1-2	0.000052	0.000051	0.000097	0.000036	0.000051	0.000052	0.000201	0.000393	0.000160
2-3	0.000033	0.000044	0.000050	0.000031	0.000052	0.000033	0.000095	0.000164	0.000106
3-4	0.000027	0.000037	0.000040	0.000028	0.000040	0.000040	0.000073	0.000107	0.000100
4-5	0.000023	0.000033	0.000030	0.000023	0.000034	0.000033	0.000071	0.000103	0.000098
5-6	0.000021	0.000036	0.000023	0.000023	0.000036	0.000028	0.000065	0.000108	0.000077
6-7	0.000019	0.000032	0.000022	0.000022	0.000038	0.000026	0.000056	0.000078	0.000087
7-8	0.000017	0.000030	0.000019	0.000020	0.000030	0.000025	0.000052	0.000087	0.000058
8-9	0.000017	0.000024	0.000024	0.000019	0.000024	0.000031	0.000051	0.000080	0.000064
9-10	0.000016	0.000022	0.000024	0.000016	0.000020	0.000028	0.000049	0.000079	0.000058
10-11	0.000016	0.000020	0.000026	0.000017	0.000020	0.000030	0.000045	0.000072	0.000054
11-12	0.000013	0.000016	0.000022	0.000013	0.000015	0.000022	0.000045	0.000070	0.000054
12-13	0.000018	0.000024	0.000026	0.000018	0.000024	0.000026	0.000054	0.000093	0.000055
13-14	0.000026	0.000040	0.000034	0.000028	0.000044	0.000036	0.000070	0.000107	0.000096
14-15	0.000030	0.000051	0.000033	0.000032	0.000052	0.000036	0.000101	0.000173	0.000104
15-16	0.000034	0.000055	0.000040	0.000037	0.000058	0.000045	0.000098	0.000163	0.000105
16-17	0.000035	0.000057	0.000040	0.000039	0.000061	0.000046	0.000101	0.000169	0.000107
17-18	0.000038	0.000063	0.000041	0.000041	0.000066	0.000046	0.000119	0.000207	0.000116
18-19	0.000042	0.000070	0.000046	0.000044	0.000073	0.000048	0.000132	0.000227	0.000134
19-20	0.000041	0.000067	0.000050	0.000042	0.000066	0.000050	0.000139	0.000243	0.000139
20-21	0.000045	0.000076	0.000049	0.000046	0.000076	0.000051	0.000149	0.000269	0.000134
21-22	0.000045	0.000077	0.000047	0.000045	0.000074	0.000050	0.000158	0.000292	0.000136
22-23	0.000050	0.000089	0.000046	0.000050	0.000091	0.000045	0.000176	0.000308	0.000198
23-24	0.000052	0.000092	0.000048	0.000052	0.000090	0.000053	0.000177	0.000335	0.000145
24-25	0.000054	0.000095	0.000054	0.000054	0.000089	0.000059	0.000190	0.000351	0.000174
25-26	0.000053	0.000093	0.000050	0.000049	0.000083	0.000051	0.000188	0.000352	0.000166
26-27	0.000052	0.000091	0.000052	0.000051	0.000085	0.000056	0.000172	0.000321	0.000157
27-28	0.000051	0.000088	0.000052	0.000051	0.000085	0.000056	0.000162	0.000298	0.000153
28-29	0.000049	0.000083	0.000051	0.000048	0.000081	0.000052	0.000167	0.000299	0.000172
29-30	0.000048	0.000079	0.000054	0.000050	0.000081	0.000057	0.000165	0.000293	0.000174
30-31	0.000048	0.000079	0.000054	0.000048	0.000079	0.000055	0.000180	0.000322	0.000185
31-32	0.000050	0.000081	0.000057	0.000050	0.000081	0.000059	0.000197	0.000357	0.000198
32-33	0.000051	0.000082	0.000060	0.000054	0.000085	0.000065	0.000193	0.000348	0.000197
33-34	0.000051	0.000080	0.000063	0.000053	0.000083	0.000064	0.000213	0.000368	0.000235
34-35	0.000053	0.000082	0.000066	0.000053	0.000083	0.000068	0.000235	0.000427	0.000236
35-36	0.000053	0.000085	0.000064	0.000054	0.000086	0.000065	0.000232	0.000431	0.000228
36-37	0.000055	0.000085	0.000069	0.000056	0.000087	0.000070	0.000242	0.000445	0.000241
37-38	0.000056	0.000086	0.000071	0.000056	0.000089	0.000069	0.000253	0.000457	0.000259
38-39	0.000058	0.000090	0.000072	0.000058	0.000093	0.000071	0.000265	0.000501	0.000253
39-40	0.000060	0.000094	0.000074	0.000060	0.000096	0.000073	0.000277	0.000532	0.000258
40-41	0.000061	0.000095	0.000076	0.000061	0.000098	0.000074	0.000280	0.000547	0.000254
41-42	0.000065	0.000100	0.000083	0.000065	0.000104	0.000078	0.000292	0.000537	0.000289
42-43	0.000069	0.000108	0.000087	0.000070	0.000112	0.000085	0.000302	0.000579	0.000282
43-44	0.000068	0.000104	0.000088	0.000069	0.000109	0.000084	0.000292	0.000542	0.000287
44-45	0.000073	0.000114	0.000093	0.000075	0.000121	0.000089	0.000303	0.000563	0.000299
45-46	0.000079	0.000122	0.000100	0.000082	0.000130	0.000099	0.000311	0.000583	0.000305
46-47	0.000083	0.000126	0.000109	0.000085	0.000133	0.000107	0.000326	0.000596	0.000333
47-48	0.000088	0.000134	0.000115	0.000089	0.000140	0.000110	0.000346	0.000630	0.000359
48-49	0.000095	0.000147	0.000122	0.000100	0.000159	0.000121	0.000342	0.000624	0.000354
49-50	0.000101	0.000154	0.000131	0.000105	0.000165	0.000128	0.000369	0.000655	0.000398
50-51	0.000109	0.000167	0.000141	0.000113	0.000178	0.000139	0.000390	0.000701	0.000412
51-52	0.000114	0.000176	0.000146	0.000118	0.000185	0.000146	0.000409	0.000752	0.000416



52-53	0.000120	0.000192	0.000146	0.000123	0.000203	0.000140	0.000441	0.000799	0.000458
53-54	0.000132	0.000207	0.000164	0.000133	0.000216	0.000157	0.000488	0.000869	0.000520
54-55	0.000142	0.000224	0.000176	0.000144	0.000235	0.000168	0.000519	0.000898	0.000580
55-56	0.000158	0.000252	0.000194	0.000161	0.000258	0.000192	0.000562	0.001051	0.000566
56-57	0.000162	0.000257	0.000200	0.000162	0.000264	0.000190	0.000604	0.001060	0.000660
57-58	0.000172	0.000273	0.000210	0.000172	0.000280	0.000204	0.000639	0.001133	0.000689
58-59	0.000185	0.000297	0.000223	0.000185	0.000304	0.000215	0.000681	0.001199	0.000745
59-60	0.000198	0.000310	0.000251	0.000200	0.000320	0.000242	0.000696	0.001158	0.000838
60-61	0.000213	0.000339	0.000262	0.000213	0.000345	0.000255	0.000764	0.001337	0.000859
61-62	0.000230	0.000372	0.000278	0.000233	0.000381	0.000274	0.000793	0.001408	0.000882
62-63	0.000242	0.000387	0.000297	0.000245	0.000398	0.000294	0.000827	0.001444	0.000949
63-64	0.000256	0.000417	0.000309	0.000257	0.000420	0.000306	0.000900	0.001639	0.000987
64-65	0.000268	0.000442	0.000320	0.000271	0.000447	0.000319	0.000921	0.001674	0.001016
65-66	0.000285	0.000466	0.000345	0.000289	0.000472	0.000348	0.000960	0.001715	0.001084
66-67	0.000296	0.000489	0.000355	0.000303	0.000493	0.000367	0.000987	0.001813	0.001087
67-68	0.000314	0.000515	0.000382	0.000322	0.000524	0.000394	0.001019	0.001791	0.001180
68-69	0.000330	0.000546	0.000398	0.000337	0.000553	0.000409	0.001097	0.001922	0.001278
69-70	0.000344	0.000571	0.000412	0.000351	0.000578	0.000424	0.001139	0.001984	0.001336
70-71	0.000357	0.000596	0.000427	0.000363	0.000597	0.000441	0.001207	0.002178	0.001361
71-72	0.000376	0.000625	0.000451	0.000383	0.000631	0.000466	0.001230	0.002126	0.001454
72-73	0.000394	0.000656	0.000474	0.000403	0.000659	0.000495	0.001276	0.002286	0.001454
73-74	0.000413	0.000693	0.000496	0.000423	0.000696	0.000518	0.001334	0.002391	0.001523
74-75	0.000434	0.000738	0.000516	0.000445	0.000747	0.000537	0.001389	0.002407	0.001647
75-76	0.000459	0.000791	0.000542	0.000471	0.000800	0.000566	0.001457	0.002564	0.001704
76-77	0.000482	0.000834	0.000571	0.000492	0.000834	0.000595	0.001603	0.002889	0.001837
77-78	0.000516	0.000908	0.000605	0.000530	0.000916	0.000632	0.001674	0.002935	0.001977
78-79	0.000543	0.000952	0.000643	0.000556	0.000953	0.000674	0.001805	0.003256	0.002083
79-80	0.000584	0.001044	0.000682	0.000599	0.001048	0.000715	0.001959	0.003544	0.002265
80-81	0.000639	0.001138	0.000740	0.000656	0.001141	0.000778	0.002135	0.003887	0.002441
81-82	0.000691	0.001259	0.000784	0.000711	0.001261	0.000830	0.002269	0.004278	0.002522
82-83	0.000748	0.001367	0.000847	0.000767	0.001365	0.000893	0.002565	0.004790	0.002875
83-84	0.000808	0.001502	0.000903	0.000831	0.001498	0.000956	0.002760	0.005348	0.003013
84-85	0.000877	0.001639	0.000977	0.000901	0.001636	0.001033	0.003061	0.005763	0.003411
85-86	0.000998	0.001883	0.001131	0.001034	0.001930	0.001187	0.003591	0.006603	0.004141
86-87	0.001083	0.002064	0.001220	0.001123	0.002111	0.001284	0.003879	0.007205	0.004444
87-88	0.001179	0.002271	0.001320	0.001224	0.002319	0.001393	0.004202	0.007893	0.004781
88-89	0.001289	0.002510	0.001433	0.001339	0.002558	0.001516	0.004568	0.008682	0.005157
89-90	0.001415	0.002789	0.001560	0.001471	0.002834	0.001656	0.004983	0.009594	0.005579
90-91	0.001559	0.003114	0.001705	0.001623	0.003157	0.001816	0.005456	0.010653	0.006053
91-92	0.001727	0.003497	0.001871	0.001799	0.003536	0.002000	0.005998	0.011890	0.006590
92-93	0.001922	0.003952	0.002062	0.002004	0.003984	0.002212	0.006623	0.013344	0.007200
93-94	0.002150	0.004495	0.002283	0.002246	0.004518	0.002460	0.007347	0.015066	0.007895
94-95	0.002420	0.005150	0.002540	0.002532	0.005160	0.002751	0.008190	0.017118	0.008693
95-96	0.002741	0.005945	0.002842	0.002873	0.005937	0.003094	0.009178	0.019583	0.009613
96-97	0.003125	0.006920	0.003199	0.003283	0.006886	0.003503	0.010344	0.022568	0.010679
97-98	0.003590	0.008127	0.003623	0.003782	0.008057	0.003994	0.011728	0.026212	0.011922
98-99	0.004157	0.009636	0.004131	0.004392	0.009515	0.004588	0.013384	0.030701	0.013380
99-100	0.004854	0.011541	0.004746	0.005146	0.011350	0.005314	0.015378	0.036283	0.015099
100-101	0.005719	0.013975	0.005497	0.006089	0.013685	0.006211	0.017800	0.043295	0.017142
101-102	0.006806	0.017119	0.006420	0.007278	0.016691	0.007329	0.020765	0.052196	0.019586
102-103	0.008183	0.021233	0.007569	0.008798	0.020609	0.008739	0.024427	0.063620	0.022529
103-104	0.009950	0.026685	0.009012	0.010763	0.025780	0.010536	0.028989	0.078457	0.026101
104-105	0.012243	0.034010	0.010845	0.013335	0.032702	0.012857	0.034729	0.097969	0.030471
105-106	0.015257	0.043996	0.013199	0.016748	0.042099	0.015891	0.042023	0.123967	0.035862

106-107	0.019272	0.057819	0.016261	0.021343	0.055054	0.019914	0.051389	0.159095	0.042571
107-108	0.024696	0.077262	0.020294	0.027622	0.073202	0.025326	0.063551	0.207257	0.050997
108-109	0.032131	0.105075	0.025680	0.036341	0.099055	0.032717	0.079529	0.274321	0.061681
109-110	0.042484	0.145572	0.032975	0.048652	0.136544	0.042978	0.100776	0.369238	0.075366

**Table MI-11. Standard errors of the average remaining lifetime, Michigan, 1999-2001**

Age	Total			White			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-1	0.028	0.041	0.039	0.030	0.044	0.041	0.085	0.121	0.117
1-2	0.027	0.038	0.038	0.029	0.041	0.039	0.082	0.120	0.108
2-3	0.027	0.038	0.037	0.028	0.041	0.038	0.081	0.118	0.107
3-4	0.027	0.038	0.037	0.028	0.041	0.038	0.081	0.117	0.107
4-5	0.027	0.038	0.037	0.028	0.041	0.038	0.080	0.117	0.107
5-6	0.027	0.038	0.037	0.028	0.041	0.038	0.080	0.117	0.106
6-7	0.027	0.038	0.037	0.028	0.041	0.038	0.080	0.117	0.106
7-8	0.027	0.038	0.037	0.028	0.040	0.038	0.080	0.117	0.106
8-9	0.027	0.038	0.037	0.028	0.040	0.038	0.080	0.117	0.106
9-10	0.027	0.038	0.036	0.028	0.040	0.038	0.080	0.116	0.106
10-11	0.027	0.038	0.036	0.028	0.040	0.038	0.080	0.116	0.106
11-12	0.027	0.038	0.036	0.028	0.040	0.038	0.080	0.116	0.106
12-13	0.027	0.038	0.036	0.028	0.040	0.038	0.080	0.116	0.106
13-14	0.027	0.038	0.036	0.028	0.040	0.038	0.080	0.116	0.106
14-15	0.026	0.038	0.036	0.028	0.040	0.038	0.080	0.116	0.106
15-16	0.026	0.038	0.036	0.028	0.040	0.038	0.080	0.116	0.105
16-17	0.026	0.037	0.036	0.028	0.040	0.037	0.079	0.116	0.105
17-18	0.026	0.037	0.036	0.028	0.040	0.037	0.079	0.115	0.105
18-19	0.026	0.037	0.036	0.028	0.040	0.037	0.079	0.115	0.105
19-20	0.026	0.037	0.036	0.028	0.039	0.037	0.079	0.115	0.105
20-21	0.026	0.037	0.036	0.027	0.039	0.037	0.079	0.114	0.104
21-22	0.026	0.037	0.036	0.027	0.039	0.037	0.078	0.114	0.104
22-23	0.026	0.036	0.036	0.027	0.039	0.037	0.078	0.113	0.104
23-24	0.026	0.036	0.035	0.027	0.039	0.037	0.078	0.113	0.104
24-25	0.026	0.036	0.035	0.027	0.038	0.037	0.077	0.112	0.103
25-26	0.025	0.036	0.035	0.027	0.038	0.037	0.077	0.111	0.103
26-27	0.025	0.035	0.035	0.027	0.038	0.036	0.077	0.111	0.103
27-28	0.025	0.035	0.035	0.027	0.038	0.036	0.076	0.110	0.102
28-29	0.025	0.035	0.035	0.026	0.038	0.036	0.076	0.110	0.102
29-30	0.025	0.035	0.035	0.026	0.037	0.036	0.076	0.109	0.102
30-31	0.025	0.035	0.035	0.026	0.037	0.036	0.076	0.109	0.102
31-32	0.025	0.034	0.035	0.026	0.037	0.036	0.075	0.109	0.102
32-33	0.025	0.034	0.035	0.026	0.037	0.036	0.075	0.108	0.101
33-34	0.025	0.034	0.035	0.026	0.037	0.036	0.075	0.108	0.101
34-35	0.025	0.034	0.034	0.026	0.037	0.036	0.075	0.107	0.101
35-36	0.024	0.034	0.034	0.026	0.037	0.035	0.074	0.107	0.100
36-37	0.024	0.034	0.034	0.026	0.037	0.035	0.074	0.106	0.100
37-38	0.024	0.034	0.034	0.026	0.036	0.035	0.073	0.105	0.100
38-39	0.024	0.034	0.034	0.026	0.036	0.035	0.073	0.105	0.099
39-40	0.024	0.034	0.034	0.026	0.036	0.035	0.073	0.104	0.099
40-41	0.024	0.033	0.034	0.025	0.036	0.035	0.072	0.103	0.099
41-42	0.024	0.033	0.034	0.025	0.036	0.035	0.072	0.102	0.099
42-43	0.024	0.033	0.034	0.025	0.036	0.035	0.072	0.102	0.098
43-44	0.024	0.033	0.034	0.025	0.036	0.035	0.071	0.101	0.098
44-45	0.024	0.033	0.033	0.025	0.036	0.035	0.071	0.101	0.098
45-46	0.024	0.033	0.033	0.025	0.036	0.034	0.071	0.100	0.098
46-47	0.024	0.033	0.033	0.025	0.035	0.034	0.071	0.100	0.098
47-48	0.024	0.033	0.033	0.025	0.035	0.034	0.071	0.100	0.097
48-49	0.023	0.033	0.033	0.025	0.035	0.034	0.070	0.099	0.097
49-50	0.023	0.032	0.033	0.025	0.035	0.034	0.070	0.099	0.097
50-51	0.023	0.032	0.033	0.025	0.035	0.034	0.070	0.099	0.097
51-52	0.023	0.032	0.032	0.024	0.035	0.033	0.070	0.099	0.096

52-53	0.023	0.032	0.032	0.024	0.034	0.033	0.070	0.098	0.096
53-54	0.023	0.032	0.032	0.024	0.034	0.033	0.069	0.098	0.096
54-55	0.023	0.032	0.032	0.024	0.034	0.033	0.069	0.098	0.096
55-56	0.023	0.032	0.032	0.024	0.034	0.033	0.069	0.097	0.095
56-57	0.022	0.031	0.031	0.024	0.033	0.032	0.068	0.096	0.095
57-58	0.022	0.031	0.031	0.023	0.033	0.032	0.068	0.096	0.094
58-59	0.022	0.031	0.031	0.023	0.033	0.032	0.067	0.095	0.094
59-60	0.022	0.030	0.031	0.023	0.033	0.032	0.067	0.094	0.093
60-61	0.022	0.030	0.030	0.023	0.032	0.031	0.066	0.094	0.092
61-62	0.021	0.030	0.030	0.022	0.032	0.031	0.066	0.093	0.091
62-63	0.021	0.029	0.029	0.022	0.031	0.031	0.065	0.092	0.090
63-64	0.021	0.029	0.029	0.022	0.031	0.030	0.064	0.091	0.090
64-65	0.020	0.029	0.029	0.022	0.031	0.030	0.063	0.089	0.089
65-66	0.020	0.028	0.028	0.021	0.030	0.029	0.063	0.088	0.088
66-67	0.020	0.028	0.028	0.021	0.030	0.029	0.062	0.087	0.087
67-68	0.020	0.027	0.027	0.021	0.029	0.028	0.061	0.086	0.087
68-69	0.019	0.027	0.027	0.020	0.029	0.028	0.061	0.085	0.086
69-70	0.019	0.027	0.026	0.020	0.028	0.027	0.060	0.084	0.085
70-71	0.019	0.026	0.026	0.020	0.028	0.027	0.060	0.084	0.084
71-72	0.018	0.026	0.026	0.019	0.028	0.027	0.059	0.083	0.084
72-73	0.018	0.026	0.025	0.019	0.027	0.026	0.059	0.083	0.083
73-74	0.018	0.025	0.025	0.019	0.027	0.026	0.059	0.083	0.083
74-75	0.018	0.025	0.025	0.019	0.027	0.025	0.059	0.083	0.083
75-76	0.018	0.025	0.024	0.018	0.027	0.025	0.059	0.083	0.083
76-77	0.017	0.025	0.024	0.018	0.027	0.025	0.059	0.084	0.083
77-78	0.017	0.025	0.024	0.018	0.027	0.024	0.060	0.085	0.084
78-79	0.017	0.025	0.024	0.018	0.027	0.024	0.060	0.086	0.084
79-80	0.017	0.025	0.023	0.018	0.027	0.024	0.061	0.087	0.084
80-81	0.017	0.025	0.023	0.018	0.027	0.024	0.061	0.088	0.085
81-82	0.017	0.025	0.023	0.018	0.027	0.024	0.062	0.090	0.086
82-83	0.017	0.026	0.023	0.018	0.027	0.024	0.063	0.092	0.087
83-84	0.017	0.026	0.023	0.018	0.028	0.023	0.064	0.093	0.088
84-85	0.017	0.026	0.023	0.018	0.028	0.023	0.065	0.095	0.090
85-86	0.017	0.027	0.023	0.018	0.028	0.024	0.066	0.097	0.091
86-87	0.017	0.027	0.023	0.018	0.029	0.023	0.066	0.098	0.091
87-88	0.018	0.027	0.023	0.018	0.029	0.023	0.067	0.100	0.092
88-89	0.018	0.028	0.023	0.018	0.030	0.023	0.068	0.103	0.092
89-90	0.018	0.029	0.023	0.019	0.030	0.024	0.069	0.105	0.093
90-91	0.018	0.030	0.024	0.019	0.031	0.024	0.071	0.109	0.094
91-92	0.019	0.031	0.024	0.019	0.032	0.024	0.072	0.113	0.096
92-93	0.019	0.032	0.024	0.020	0.034	0.025	0.074	0.118	0.098
93-94	0.020	0.034	0.025	0.020	0.035	0.025	0.077	0.123	0.100
94-95	0.021	0.036	0.026	0.021	0.037	0.026	0.080	0.130	0.103
95-96	0.022	0.038	0.026	0.022	0.039	0.027	0.083	0.138	0.106
96-97	0.023	0.041	0.027	0.023	0.042	0.028	0.087	0.148	0.110
97-98	0.024	0.045	0.029	0.025	0.046	0.029	0.092	0.160	0.115
98-99	0.026	0.049	0.030	0.027	0.050	0.031	0.098	0.175	0.121
99-100	0.028	0.055	0.032	0.029	0.056	0.033	0.106	0.192	0.128
100-101	0.031	0.062	0.035	0.032	0.062	0.036	0.114	0.214	0.137
101-102	0.034	0.071	0.038	0.035	0.071	0.039	0.125	0.240	0.148
102-103	0.038	0.082	0.041	0.039	0.082	0.043	0.139	0.274	0.161
103-104	0.044	0.097	0.046	0.045	0.096	0.048	0.155	0.317	0.179
104-105	0.051	0.116	0.052	0.052	0.114	0.055	0.177	0.373	0.201
105-106	0.060	0.142	0.060	0.062	0.138	0.064	0.207	0.447	0.231

106-107	0.073	0.178	0.072	0.076	0.173	0.077	0.247	0.551	0.273
107-108	0.091	0.231	0.089	0.096	0.223	0.097	0.307	0.702	0.334
108-109	0.121	0.316	0.116	0.127	0.304	0.127	0.399	0.942	0.425
109-110	0.172	0.464	0.160	0.182	0.444	0.178	0.548	1.355	0.563