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Table MA-2. Life table for males: Massachusetts, 2020

	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.004284	100,000	428	99,607	7,643,614	76.4
1-2	0.000084	99,572	8	99,567	7,544,007	75.8
2-3	0.000028	99,563	3	99,562	7,444,440	74.8
3-4	0.000111	99,560	11	99,555	7,344,878	73.8
4-5	0.000137	99,549	14	99,543	7,245,323	72.8
5-6	0.000078	99,536	8	99,532	7,145,780	71.8
6-7	0.000072	99,528	7	99,524	7,046,249	70.8
7-8	0.000063	99,521	6	99,518	6,946,724	69.8
8-9	0.000049	99,515	5	99,512	6,847,206	68.8
9-10	0.000033	99,510	3	99,508	6,747,694	67.8
10-11	0.000019	99,506	2	99,506	6,648,186	66.8
11-12	0.000019	99,505	2	99,504	6,548,681	65.8
12-13	0.000041	99,503	4	99,501	6,449,177	64.8
13-14	0.000090	99,499	9	99,494	6,349,676	63.8
14-15	0.000159	99,490	16	99,482	6,250,182	62.8
15-16	0.000235	99,474	23	99,462	6,150,700	61.8
16-17	0.000311	99,451	31	99,435	6,051,238	60.8
17-18	0.000391	99,420	39	99,400	5,951,803	59.9
18-19	0.000476	99,381	47	99,357	5,852,403	58.9
19-20	0.000566	99,333	56	99,305	5,753,046	57.9
20-21	0.000658	99,277	65	99,245	5,653,740	56.9
21-22	0.000755	99,212	75	99,174	5,554,496	56.0
22-23	0.000868	99,137	86	99,094	5,455,321	55.0
23-24	0.000997	99,051	99	99,002	5,356,227	54.1
24-25	0.001133	98,952	112	98,896	5,257,226	53.1
25-26	0.001275	98,840	126	98,777	5,158,329	52.2
26-27	0.001408	98,714	139	98,645	5,059,552	51.3
27-28	0.001521	98,575	150	98,500	4,960,908	50.3
28-29	0.001608	98,425	158	98,346	4,862,408	49.4
29-30	0.001678	98,267	165	98,184	4,764,062	48.5
30-31	0.001740	98,102	171	98,017	4,665,877	47.6
31-32	0.001810	97,931	177	97,843	4,567,860	46.6
32-33	0.001882	97,754	184	97,662	4,470,018	45.7
33-34	0.002017	97,570	197	97,472	4,372,355	44.8

Table MA-2. Life table for males: Massachusetts, 2020

	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
34-35	0.002159	97,373	210	97,268	4,274,884	43.9
35-36	0.002315	97,163	225	97,051	4,177,615	43.0
36-37	0.002469	96,938	239	96,819	4,080,565	42.1
37-38	0.002609	96,699	252	96,573	3,983,746	41.2
38-39	0.002723	96,447	263	96,315	3,887,173	40.3
39-40	0.002817	96,184	271	96,048	3,790,858	39.4
40-41	0.002931	95,913	281	95,772	3,694,810	38.5
41-42	0.003060	95,632	293	95,485	3,599,038	37.6
42-43	0.003159	95,339	301	95,189	3,503,552	36.7
43-44	0.003212	95,038	305	94,885	3,408,364	35.9
44-45	0.003244	94,733	307	94,579	3,313,478	35.0
45-46	0.003270	94,425	309	94,271	3,218,899	34.1
46-47	0.003349	94,117	315	93,959	3,124,628	33.2
47-48	0.003535	93,801	332	93,636	3,030,669	32.3
48-49	0.003858	93,470	361	93,290	2,937,034	31.4
49-50	0.004278	93,109	398	92,910	2,843,744	30.5
50-51	0.004734	92,711	439	92,491	2,750,834	29.7
51-52	0.005185	92,272	478	92,033	2,658,343	28.8
52-53	0.005632	91,794	517	91,535	2,566,310	28.0
53-54	0.006064	91,277	553	91,000	2,474,775	27.1
54-55	0.006494	90,723	589	90,429	2,383,775	26.3
55-56	0.006921	90,134	624	89,822	2,293,346	25.4
56-57	0.007385	89,510	661	89,180	2,203,524	24.6
57-58	0.007940	88,849	705	88,497	2,114,345	23.8
58-59	0.008625	88,144	760	87,764	2,025,848	23.0
59-60	0.009424	87,384	824	86,972	1,938,084	22.2
60-61	0.010306	86,560	892	86,114	1,851,112	21.4
61-62	0.011214	85,668	961	85,188	1,764,998	20.6
62-63	0.012137	84,707	1,028	84,193	1,679,811	19.8
63-64	0.013059	83,679	1,093	83,133	1,595,618	19.1
64-65	0.014014	82,586	1,157	82,008	1,512,485	18.3
65-66	0.015078	81,429	1,228	80,815	1,430,477	17.6
66-67	0.016599	80,201	1,331	79,536	1,349,662	16.8
67-68	0.018002	78,870	1,420	78,160	1,270,126	16.1

Table MA-2. Life table for males: Massachusetts, 2020

	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
68-69	0.019355	77,450	1,499	76,701	1,191,966	15.4
69-70	0.020725	75,951	1,574	75,164	1,115,265	14.7
70-71	0.022177	74,377	1,649	73,552	1,040,101	14.0
71-72	0.023915	72,728	1,739	71,858	966,549	13.3
72-73	0.026105	70,988	1,853	70,062	894,691	12.6
73-74	0.028865	69,135	1,996	68,137	824,629	11.9
74-75	0.032236	67,140	2,164	66,058	756,491	11.3
75-76	0.036192	64,975	2,352	63,800	690,434	10.6
76-77	0.040509	62,624	2,537	61,355	626,634	10.0
77-78	0.045092	60,087	2,709	58,732	565,279	9.4
78-79	0.049901	57,378	2,863	55,946	506,547	8.8
79-80	0.055092	54,514	3,003	53,013	450,601	8.3
80-81	0.060980	51,511	3,141	49,940	397,588	7.7
81-82	0.067989	48,370	3,289	46,726	347,647	7.2
82-83	0.076332	45,081	3,441	43,361	300,922	6.7
83-84	0.086097	41,640	3,585	39,848	257,561	6.2
84-85	0.097385	38,055	3,706	36,202	217,714	5.7
85-86	0.110199	34,349	3,785	32,456	181,511	5.3
86-87	0.124253	30,564	3,798	28,665	149,055	4.9
87-88	0.139651	26,766	3,738	24,897	120,390	4.5
88-89	0.156406	23,028	3,602	21,227	95,493	4.1
89-90	0.174506	19,427	3,390	17,731	74,265	3.8
90-91	0.193904	16,036	3,110	14,482	56,534	3.5
91-92	0.214519	12,927	2,773	11,540	42,052	3.3
92-93	0.236231	10,154	2,399	8,955	30,512	3.0
93-94	0.258882	7,755	2,008	6,751	21,557	2.8
94-95	0.282280	5,748	1,622	4,936	14,806	2.6
95-96	0.306205	4,125	1,263	3,494	9,870	2.4
96-97	0.330415	2,862	946	2,389	6,376	2.2
97-98	0.354656	1,916	680	1,577	3,987	2.1
98-99	0.378672	1,237	468	1,003	2,410	1.9
99-100	0.402218	768	309	614	1,408	1.8
100 and over	1.000000	459	459	794	794	1.7

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

Table MA-3. Life table for females: Massachusetts, 2020

	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.003535	100,000	353	99,683	8,153,436	81.5
1-2	0.000176	99,647	18	99,638	8,053,753	80.8
2-3	0.000088	99,629	9	99,625	7,954,115	79.8
3-4	0.000088	99,620	9	99,616	7,854,490	78.8
4-5	0.000057	99,611	6	99,609	7,754,874	77.9
5-6	0.000057	99,606	6	99,603	7,655,266	76.9
6-7	0.000050	99,600	5	99,598	7,555,663	75.9
7-8	0.000045	99,595	4	99,593	7,456,065	74.9
8-9	0.000038	99,591	4	99,589	7,356,473	73.9
9-10	0.000032	99,587	3	99,585	7,256,884	72.9
10-11	0.000028	99,584	3	99,582	7,157,299	71.9
11-12	0.000030	99,581	3	99,579	7,057,717	70.9
12-13	0.000043	99,578	4	99,576	6,958,137	69.9
13-14	0.000066	99,573	7	99,570	6,858,562	68.9
14-15	0.000097	99,567	10	99,562	6,758,992	67.9
15-16	0.000130	99,557	13	99,551	6,659,430	66.9
16-17	0.000162	99,544	16	99,536	6,559,879	65.9
17-18	0.000195	99,528	19	99,518	6,460,343	64.9
18-19	0.000228	99,509	23	99,497	6,360,824	63.9
19-20	0.000263	99,486	26	99,473	6,261,327	62.9
20-21	0.000300	99,460	30	99,445	6,161,854	62.0
21-22	0.000340	99,430	34	99,413	6,062,409	61.0
22-23	0.000379	99,396	38	99,377	5,962,996	60.0
23-24	0.000417	99,358	41	99,338	5,863,619	59.0
24-25	0.000455	99,317	45	99,294	5,764,281	58.0
25-26	0.000493	99,272	49	99,247	5,664,987	57.1
26-27	0.000535	99,223	53	99,196	5,565,740	56.1
27-28	0.000590	99,170	58	99,141	5,466,543	55.1
28-29	0.000660	99,111	65	99,079	5,367,403	54.2
29-30	0.000739	99,046	73	99,009	5,268,324	53.2
30-31	0.000821	98,973	81	98,932	5,169,315	52.2
31-32	0.000899	98,891	89	98,847	5,070,383	51.3
32-33	0.000966	98,803	95	98,755	4,971,536	50.3
33-34	0.001027	98,707	101	98,656	4,872,781	49.4

Table MA-3. Life table for females: Massachusetts, 2020

	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
34-35	0.001077	98,606	106	98,553	4,774,125	48.4
35-36	0.001130	98,500	111	98,444	4,675,572	47.5
36-37	0.001185	98,388	117	98,330	4,577,128	46.5
37-38	0.001230	98,272	121	98,211	4,478,798	45.6
38-39	0.001261	98,151	124	98,089	4,380,587	44.6
39-40	0.001284	98,027	126	97,964	4,282,498	43.7
40-41	0.001314	97,901	129	97,837	4,184,534	42.7
41-42	0.001355	97,772	132	97,706	4,086,697	41.8
42-43	0.001398	97,640	137	97,572	3,988,991	40.9
43-44	0.001444	97,503	141	97,433	3,891,419	39.9
44-45	0.001498	97,363	146	97,290	3,793,986	39.0
45-46	0.001557	97,217	151	97,141	3,696,696	38.0
46-47	0.001641	97,066	159	96,986	3,599,555	37.1
47-48	0.001776	96,906	172	96,820	3,502,569	36.1
48-49	0.001972	96,734	191	96,639	3,405,749	35.2
49-50	0.002211	96,543	213	96,437	3,309,110	34.3
50-51	0.002470	96,330	238	96,211	3,212,674	33.4
51-52	0.002729	96,092	262	95,961	3,116,463	32.4
52-53	0.002985	95,830	286	95,687	3,020,502	31.5
53-54	0.003232	95,544	309	95,389	2,924,815	30.6
54-55	0.003479	95,235	331	95,069	2,829,426	29.7
55-56	0.003730	94,903	354	94,726	2,734,357	28.8
56-57	0.004005	94,549	379	94,360	2,639,631	27.9
57-58	0.004326	94,171	407	93,967	2,545,271	27.0
58-59	0.004711	93,763	442	93,543	2,451,303	26.1
59-60	0.005155	93,322	481	93,081	2,357,761	25.3
60-61	0.005660	92,841	526	92,578	2,264,680	24.4
61-62	0.006193	92,315	572	92,029	2,172,102	23.5
62-63	0.006724	91,743	617	91,435	2,080,073	22.7
63-64	0.007237	91,127	659	90,797	1,988,638	21.8
64-65	0.007768	90,467	703	90,116	1,897,841	21.0
65-66	0.008341	89,764	749	89,390	1,807,725	20.1
66-67	0.009163	89,016	816	88,608	1,718,335	19.3
67-68	0.010135	88,200	894	87,753	1,629,727	18.5

Table MA-3. Life table for females: Massachusetts, 2020

	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
68-69	0.011315	87,306	988	86,812	1,541,975	17.7
69-70	0.012667	86,318	1,093	85,771	1,455,163	16.9
70-71	0.014155	85,225	1,206	84,621	1,369,391	16.1
71-72	0.015796	84,018	1,327	83,355	1,284,770	15.3
72-73	0.017635	82,691	1,458	81,962	1,201,415	14.5
73-74	0.019717	81,233	1,602	80,432	1,119,453	13.8
74-75	0.022122	79,631	1,762	78,750	1,039,021	13.0
75-76	0.024880	77,870	1,937	76,901	960,270	12.3
76-77	0.028018	75,932	2,127	74,868	883,369	11.6
77-78	0.031520	73,805	2,326	72,642	808,501	11.0
78-79	0.035470	71,478	2,535	70,211	735,859	10.3
79-80	0.040014	68,943	2,759	67,564	665,649	9.7
80-81	0.045117	66,184	2,986	64,691	598,085	9.0
81-82	0.050791	63,198	3,210	61,593	533,394	8.4
82-83	0.057135	59,988	3,427	58,275	471,800	7.9
83-84	0.064385	56,561	3,642	54,740	413,525	7.3
84-85	0.073015	52,919	3,864	50,987	358,785	6.8
85-86	0.083437	49,055	4,093	47,009	307,798	6.3
86-87	0.093636	44,962	4,210	42,857	260,789	5.8
87-88	0.106471	40,752	4,339	38,583	217,932	5.3
88-89	0.120695	36,413	4,395	34,216	179,349	4.9
89-90	0.136357	32,018	4,366	29,836	145,133	4.5
90-91	0.153479	27,653	4,244	25,530	115,297	4.2
91-92	0.172055	23,408	4,028	21,395	89,767	3.8
92-93	0.192037	19,381	3,722	17,520	68,372	3.5
93-94	0.213339	15,659	3,341	13,989	50,852	3.2
94-95	0.235830	12,318	2,905	10,866	36,864	3.0
95-96	0.259335	9,413	2,441	8,193	25,998	2.8
96-97	0.283641	6,972	1,978	5,983	17,805	2.6
97-98	0.308500	4,995	1,541	4,224	11,822	2.4
98-99	0.333639	3,454	1,152	2,878	7,598	2.2
99-100	0.358775	2,301	826	1,889	4,720	2.1
100 and over	1.000000	1,476	1,476	2,831	2,831	1.9

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