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Table MA-2. Life table for males: Massachusetts, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.003665	100,000	367	99,653	7,693,802	76.9
1-2	0.000313	99,634	31	99,618	7,594,149	76.2
2-3	0.000114	99,602	11	99,597	7,494,531	75.2
3-4	0.000113	99,591	11	99,585	7,394,934	74.3
4-5	0.000056	99,580	6	99,577	7,295,349	73.3
5-6	0.000078	99,574	8	99,570	7,195,772	72.3
6-7	0.000072	99,566	7	99,563	7,096,201	71.3
7-8	0.000069	99,559	7	99,556	6,996,638	70.3
8-9	0.000071	99,552	7	99,549	6,897,082	69.3
9-10	0.000080	99,545	8	99,541	6,797,534	68.3
10-11	0.000095	99,537	9	99,533	6,697,992	67.3
11-12	0.000116	99,528	12	99,522	6,598,460	66.3
12-13	0.000142	99,516	14	99,509	6,498,937	65.3
13-14	0.000172	99,502	17	99,494	6,399,428	64.3
14-15	0.000208	99,485	21	99,475	6,299,934	63.3
15-16	0.000243	99,465	24	99,452	6,200,459	62.3
16-17	0.000286	99,440	28	99,426	6,101,007	61.4
17-18	0.000358	99,412	36	99,394	6,001,580	60.4
18-19	0.000466	99,376	46	99,353	5,902,186	59.4
19-20	0.000600	99,330	60	99,300	5,802,833	58.4
20-21	0.000756	99,271	75	99,233	5,703,533	57.5
21-22	0.000906	99,196	90	99,151	5,604,300	56.5
22-23	0.001022	99,106	101	99,055	5,505,149	55.5
23-24	0.001089	99,004	108	98,950	5,406,094	54.6
24-25	0.001125	98,896	111	98,841	5,307,144	53.7
25-26	0.001141	98,785	113	98,729	5,208,303	52.7
26-27	0.001178	98,673	116	98,614	5,109,574	51.8
27-28	0.001272	98,556	125	98,494	5,010,959	50.8
28-29	0.001443	98,431	142	98,360	4,912,466	49.9
29-30	0.001665	98,289	164	98,207	4,814,106	49.0
30-31	0.001906	98,125	187	98,032	4,715,899	48.1
31-32	0.002120	97,938	208	97,834	4,617,867	47.2
32-33	0.002267	97,731	222	97,620	4,520,032	46.2
33-34	0.002356	97,509	230	97,394	4,422,413	45.4
34-35	0.002378	97,279	231	97,164	4,325,018	44.5
35-36	0.002384	97,048	231	96,932	4,227,855	43.6
36-37	0.002409	96,817	233	96,700	4,130,922	42.7
37-38	0.002453	96,583	237	96,465	4,034,222	41.8
38-39	0.002533	96,347	244	96,224	3,937,757	40.9
39-40	0.002643	96,102	254	95,975	3,841,533	40.0
40-41	0.002776	95,848	266	95,715	3,745,557	39.1
41-42	0.002913	95,582	278	95,443	3,649,842	38.2
42-43	0.003037	95,304	289	95,159	3,554,399	37.3
43-44	0.003135	95,014	298	94,866	3,459,239	36.4
44-45	0.003225	94,717	305	94,564	3,364,374	35.5

Table MA-2. Life table for males: Massachusetts, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.003332	94,411	315	94,254	3,269,810	34.6
46-47	0.003488	94,097	328	93,932	3,175,556	33.7
47-48	0.003699	93,768	347	93,595	3,081,624	32.9
48-49	0.003967	93,422	371	93,236	2,988,029	32.0
49-50	0.004278	93,051	398	92,852	2,894,793	31.1
50-51	0.004586	92,653	425	92,440	2,801,941	30.2
51-52	0.004914	92,228	453	92,001	2,709,500	29.4
52-53	0.005319	91,775	488	91,531	2,617,499	28.5
53-54	0.005823	91,286	532	91,021	2,525,968	27.7
54-55	0.006401	90,755	581	90,464	2,434,948	26.8
55-56	0.007016	90,174	633	89,858	2,344,483	26.0
56-57	0.007621	89,541	682	89,200	2,254,626	25.2
57-58	0.008208	88,859	729	88,494	2,165,426	24.4
58-59	0.008763	88,130	772	87,743	2,076,931	23.6
59-60	0.009312	87,357	813	86,950	1,989,188	22.8
60-61	0.009879	86,544	855	86,116	1,902,237	22.0
61-62	0.010502	85,689	900	85,239	1,816,121	21.2
62-63	0.011219	84,789	951	84,313	1,730,882	20.4
63-64	0.012071	83,838	1,012	83,332	1,646,569	19.6
64-65	0.013067	82,826	1,082	82,284	1,563,238	18.9
65-66	0.014202	81,743	1,161	81,163	1,480,953	18.1
66-67	0.015881	80,582	1,280	79,943	1,399,790	17.4
67-68	0.017350	79,303	1,376	78,615	1,319,848	16.6
68-69	0.018640	77,927	1,453	77,200	1,241,233	15.9
69-70	0.019844	76,474	1,518	75,715	1,164,033	15.2
70-71	0.021083	74,957	1,580	74,166	1,088,317	14.5
71-72	0.022569	73,376	1,656	72,548	1,014,151	13.8
72-73	0.024437	71,720	1,753	70,844	941,603	13.1
73-74	0.026798	69,968	1,875	69,030	870,759	12.4
74-75	0.029709	68,093	2,023	67,081	801,728	11.8
75-76	0.033228	66,070	2,195	64,972	734,647	11.1
76-77	0.037299	63,874	2,382	62,683	669,675	10.5
77-78	0.041873	61,492	2,575	60,204	606,992	9.9
78-79	0.046769	58,917	2,756	57,539	546,788	9.3
79-80	0.051959	56,162	2,918	54,702	489,248	8.7
80-81	0.057574	53,243	3,065	51,711	434,546	8.2
81-82	0.063976	50,178	3,210	48,573	382,835	7.6
82-83	0.071385	46,968	3,353	45,291	334,262	7.1
83-84	0.079864	43,615	3,483	41,873	288,971	6.6
84-85	0.089440	40,132	3,589	38,337	247,097	6.2
85-86	0.101555	36,542	3,711	34,687	208,760	5.7
86-87	0.113589	32,831	3,729	30,967	174,074	5.3
87-88	0.126730	29,102	3,688	27,258	143,107	4.9
88-89	0.141003	25,414	3,583	23,622	115,849	4.6
89-90	0.156418	21,830	3,415	20,123	92,227	4.2

Table MA-2. Life table for males: Massachusetts, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.172964	18,416	3,185	16,823	72,104	3.9
91-92	0.190606	15,231	2,903	13,779	55,280	3.6
92-93	0.209285	12,327	2,580	11,038	41,501	3.4
93-94	0.228914	9,748	2,231	8,632	30,464	3.1
94-95	0.249380	7,516	1,874	6,579	21,832	2.9
95-96	0.270546	5,642	1,526	4,879	15,253	2.7
96-97	0.292249	4,115	1,203	3,514	10,375	2.5
97-98	0.314312	2,913	915	2,455	6,860	2.4
98-99	0.336544	1,997	672	1,661	4,405	2.2
99-100	0.358747	1,325	475	1,087	2,744	2.1
100 and older	1.000000	850	850	1,657	1,657	2.0

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

Table MA-3. Life table for females: Massachusetts, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.002926	100,000	293	99,731	8,223,441	82.2
1-2	0.000149	99,707	15	99,700	8,123,710	81.5
2-3	0.000089	99,693	9	99,688	8,024,010	80.5
3-4	0.000059	99,684	6	99,681	7,924,322	79.5
4-5	0.000029	99,678	3	99,676	7,824,641	78.5
5-6	0.000059	99,675	6	99,672	7,724,965	77.5
6-7	0.000062	99,669	6	99,666	7,625,293	76.5
7-8	0.000065	99,663	6	99,660	7,525,627	75.5
8-9	0.000069	99,656	7	99,653	7,425,968	74.5
9-10	0.000075	99,649	7	99,646	7,326,315	73.5
10-11	0.000082	99,642	8	99,638	7,226,669	72.5
11-12	0.000091	99,634	9	99,629	7,127,031	71.5
12-13	0.000102	99,625	10	99,620	7,027,402	70.5
13-14	0.000114	99,614	11	99,609	6,927,783	69.5
14-15	0.000128	99,603	13	99,597	6,828,174	68.6
15-16	0.000143	99,590	14	99,583	6,728,577	67.6
16-17	0.000158	99,576	16	99,568	6,628,994	66.6
17-18	0.000174	99,560	17	99,552	6,529,426	65.6
18-19	0.000190	99,543	19	99,534	6,429,874	64.6
19-20	0.000208	99,524	21	99,514	6,330,340	63.6
20-21	0.000229	99,503	23	99,492	6,230,827	62.6
21-22	0.000254	99,481	25	99,468	6,131,335	61.6
22-23	0.000281	99,455	28	99,441	6,031,867	60.6
23-24	0.000312	99,427	31	99,412	5,932,425	59.7
24-25	0.000346	99,396	34	99,379	5,833,013	58.7
25-26	0.000381	99,362	38	99,343	5,733,634	57.7
26-27	0.000423	99,324	42	99,303	5,634,291	56.7
27-28	0.000482	99,282	48	99,258	5,534,988	55.8
28-29	0.000561	99,234	56	99,206	5,435,730	54.8
29-30	0.000652	99,178	65	99,146	5,336,524	53.8
30-31	0.000748	99,114	74	99,077	5,237,378	52.8
31-32	0.000840	99,040	83	98,998	5,138,301	51.9
32-33	0.000921	98,956	91	98,911	5,039,303	50.9
33-34	0.000990	98,865	98	98,816	4,940,392	50.0
34-35	0.001050	98,767	104	98,716	4,841,576	49.0
35-36	0.001111	98,664	110	98,609	4,742,860	48.1
36-37	0.001175	98,554	116	98,496	4,644,251	47.1
37-38	0.001240	98,438	122	98,377	4,545,755	46.2
38-39	0.001306	98,316	128	98,252	4,447,378	45.2
39-40	0.001373	98,188	135	98,120	4,349,126	44.3
40-41	0.001453	98,053	142	97,982	4,251,005	43.4
41-42	0.001538	97,911	151	97,835	4,153,024	42.4
42-43	0.001612	97,760	158	97,681	4,055,188	41.5
43-44	0.001667	97,602	163	97,521	3,957,507	40.5
44-45	0.001714	97,440	167	97,356	3,859,986	39.6

Table MA-3. Life table for females: Massachusetts, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.001763	97,273	172	97,187	3,762,630	38.7
46-47	0.001840	97,101	179	97,012	3,665,443	37.7
47-48	0.001967	96,922	191	96,827	3,568,431	36.8
48-49	0.002152	96,732	208	96,628	3,471,604	35.9
49-50	0.002373	96,524	229	96,409	3,374,976	35.0
50-51	0.002613	96,295	252	96,169	3,278,567	34.0
51-52	0.002849	96,043	274	95,906	3,182,398	33.1
52-53	0.003073	95,769	294	95,622	3,086,492	32.2
53-54	0.003281	95,475	313	95,319	2,990,870	31.3
54-55	0.003492	95,162	332	94,996	2,895,551	30.4
55-56	0.003698	94,830	351	94,654	2,800,555	29.5
56-57	0.003938	94,479	372	94,293	2,705,901	28.6
57-58	0.004268	94,107	402	93,906	2,611,608	27.8
58-59	0.004715	93,705	442	93,484	2,517,702	26.9
59-60	0.005253	93,263	490	93,018	2,424,218	26.0
60-61	0.005859	92,774	544	92,502	2,331,199	25.1
61-62	0.006468	92,230	596	91,932	2,238,698	24.3
62-63	0.007032	91,633	644	91,311	2,146,766	23.4
63-64	0.007521	90,989	684	90,647	2,055,455	22.6
64-65	0.007979	90,305	721	89,945	1,964,808	21.8
65-66	0.008470	89,584	759	89,205	1,874,863	20.9
66-67	0.009254	88,825	822	88,414	1,785,658	20.1
67-68	0.010099	88,003	889	87,559	1,697,244	19.3
68-69	0.011044	87,115	962	86,634	1,609,685	18.5
69-70	0.012085	86,153	1,041	85,632	1,523,051	17.7
70-71	0.013201	85,112	1,124	84,550	1,437,419	16.9
71-72	0.014474	83,988	1,216	83,380	1,352,869	16.1
72-73	0.016032	82,772	1,327	82,109	1,269,489	15.3
73-74	0.017954	81,445	1,462	80,714	1,187,380	14.6
74-75	0.020264	79,983	1,621	79,173	1,106,666	13.8
75-76	0.022955	78,362	1,799	77,463	1,027,493	13.1
76-77	0.025976	76,563	1,989	75,569	950,030	12.4
77-78	0.029341	74,575	2,188	73,481	874,461	11.7
78-79	0.033055	72,387	2,393	71,190	800,981	11.1
79-80	0.037155	69,994	2,601	68,694	729,790	10.4
80-81	0.041520	67,393	2,798	65,994	661,097	9.8
81-82	0.046110	64,595	2,978	63,106	595,103	9.2
82-83	0.051095	61,617	3,148	60,042	531,997	8.6
83-84	0.056721	58,468	3,316	56,810	471,955	8.1
84-85	0.063316	55,152	3,492	53,406	415,144	7.5
85-86	0.071375	51,660	3,687	49,816	361,739	7.0
86-87	0.080345	47,973	3,854	46,045	311,922	6.5
87-88	0.091950	44,118	4,057	42,090	265,877	6.0
88-89	0.103479	40,062	4,146	37,989	223,787	5.6
89-90	0.116160	35,916	4,172	33,830	185,798	5.2

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Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.130038	31,744	4,128	29,680	151,968	4.8
91-92	0.145136	27,616	4,008	25,612	122,288	4.4
92-93	0.161459	23,608	3,812	21,702	96,676	4.1
93-94	0.178988	19,796	3,543	18,025	74,974	3.8
94-95	0.197676	16,253	3,213	14,647	56,949	3.5
95-96	0.217445	13,040	2,836	11,622	42,302	3.2
96-97	0.238187	10,205	2,431	8,989	30,680	3.0
97-98	0.259763	7,774	2,019	6,764	21,690	2.8
98-99	0.282007	5,755	1,623	4,943	14,926	2.6
99-100	0.304730	4,132	1,259	3,502	9,983	2.4
100 and older	1.000000	2,873	2,873	6,481	6,481	2.3

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.