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Table MA-2. Life table for males: Massachusetts, 2022

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	0.003733	100,000	373	99,675	7,740,753	77.4
1-2	0.000230	99,627	23	99,615	7,641,078	76.7
2-3	0.000172	99,604	17	99,595	7,541,463	75.7
3-4	0.000171	99,587	17	99,578	7,441,867	74.7
4-5	0.000253	99,570	25	99,557	7,342,289	73.7
5-6	0.000131	99,544	13	99,538	7,242,732	72.8
6-7	0.000114	99,531	11	99,526	7,143,195	71.8
7-8	0.000096	99,520	10	99,515	7,043,669	70.8
8-9	0.000073	99,510	7	99,507	6,944,154	69.8
9-10	0.000047	99,503	5	99,501	6,844,647	68.8
10-11	0.000026	99,498	3	99,497	6,745,146	67.8
11-12	0.000022	99,496	2	99,495	6,645,649	66.8
12-13	0.000053	99,494	5	99,491	6,546,154	65.8
13-14	0.000123	99,488	12	99,482	6,446,663	64.8
14-15	0.000219	99,476	22	99,465	6,347,181	63.8
15-16	0.000324	99,454	32	99,438	6,247,715	62.8
16-17	0.000422	99,422	42	99,401	6,148,277	61.8
17-18	0.000507	99,380	50	99,355	6,048,876	60.9
18-19	0.000574	99,330	57	99,301	5,949,521	59.9
19-20	0.000630	99,273	63	99,241	5,850,220	58.9
20-21	0.000688	99,210	68	99,176	5,750,978	58.0
21-22	0.000751	99,142	74	99,105	5,651,802	57.0
22-23	0.000817	99,067	81	99,027	5,552,698	56.0
23-24	0.000888	98,986	88	98,943	5,453,671	55.1
24-25	0.000965	98,899	95	98,851	5,354,728	54.1
25-26	0.001045	98,803	103	98,752	5,255,877	53.2
26-27	0.001132	98,700	112	98,644	5,157,126	52.3
27-28	0.001231	98,588	121	98,527	5,058,482	51.3
28-29	0.001342	98,467	132	98,401	4,959,954	50.4
29-30	0.001460	98,335	144	98,263	4,861,554	49.4
30-31	0.001577	98,191	155	98,114	4,763,291	48.5
31-32	0.001695	98,036	166	97,953	4,665,177	47.6
32-33	0.001821	97,870	178	97,781	4,567,224	46.7
33-34	0.001954	97,692	191	97,596	4,469,443	45.8
34-35	0.002097	97,501	204	97,399	4,371,847	44.8
35-36	0.002247	97,296	219	97,187	4,274,448	43.9
36-37	0.002394	97,078	232	96,962	4,177,261	43.0
37-38	0.002528	96,845	245	96,723	4,080,299	42.1
38-39	0.002640	96,601	255	96,473	3,983,576	41.2
39-40	0.002736	96,346	264	96,214	3,887,103	40.3
40-41	0.002848	96,082	274	95,945	3,790,889	39.5
41-42	0.002968	95,808	284	95,666	3,694,944	38.6
42-43	0.003056	95,524	292	95,378	3,599,278	37.7

Table MA-2. Life table for males: Massachusetts, 2022

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
43-44	0.003100	95,232	295	95,084	3,503,900	36.8
44-45	0.003123	94,937	296	94,789	3,408,815	35.9
45-46	0.003146	94,640	298	94,492	3,314,027	35.0
46-47	0.003219	94,343	304	94,191	3,219,535	34.1
47-48	0.003384	94,039	318	93,880	3,125,344	33.2
48-49	0.003660	93,721	343	93,549	3,031,465	32.3
49-50	0.004013	93,378	375	93,190	2,937,915	31.5
50-51	0.004374	93,003	407	92,800	2,844,725	30.6
51-52	0.004740	92,596	439	92,377	2,751,926	29.7
52-53	0.005157	92,157	475	91,920	2,659,549	28.9
53-54	0.005640	91,682	517	91,423	2,567,629	28.0
54-55	0.006177	91,165	563	90,883	2,476,206	27.2
55-56	0.006745	90,602	611	90,296	2,385,322	26.3
56-57	0.007314	89,991	658	89,662	2,295,026	25.5
57-58	0.007877	89,333	704	88,981	2,205,364	24.7
58-59	0.008425	88,629	747	88,256	2,116,384	23.9
59-60	0.008970	87,882	788	87,488	2,028,128	23.1
60-61	0.009536	87,094	831	86,679	1,940,640	22.3
61-62	0.010142	86,263	875	85,826	1,853,961	21.5
62-63	0.010797	85,388	922	84,927	1,768,135	20.7
63-64	0.011528	84,467	974	83,980	1,683,208	19.9
64-65	0.012356	83,493	1,032	82,977	1,599,228	19.2
65-66	0.013281	82,461	1,095	81,914	1,516,251	18.4
66-67	0.014714	81,366	1,197	80,767	1,434,338	17.6
67-68	0.016074	80,169	1,289	79,524	1,353,570	16.9
68-69	0.017427	78,880	1,375	78,193	1,274,046	16.2
69-70	0.018819	77,505	1,459	76,776	1,195,853	15.4
70-71	0.020284	76,047	1,543	75,276	1,119,077	14.7
71-72	0.021940	74,504	1,635	73,687	1,043,801	14.0
72-73	0.023916	72,870	1,743	71,998	970,114	13.3
73-74	0.026276	71,127	1,869	70,193	898,116	12.6
74-75	0.029037	69,258	2,011	68,253	827,923	12.0
75-76	0.032168	67,247	2,163	66,166	759,670	11.3
76-77	0.035642	65,084	2,320	63,924	693,505	10.7
77-78	0.039547	62,764	2,482	61,523	629,581	10.0
78-79	0.044059	60,282	2,656	58,954	568,058	9.4
79-80	0.049211	57,626	2,836	56,208	509,104	8.8
80-81	0.054960	54,790	3,011	53,285	452,896	8.3
81-82	0.061343	51,779	3,176	50,191	399,611	7.7
82-83	0.068431	48,603	3,326	46,940	349,420	7.2
83-84	0.076616	45,277	3,469	43,542	302,481	6.7
84-85	0.086100	41,808	3,600	40,008	258,938	6.2
85-86	0.097131	38,208	3,711	36,353	218,930	5.7

Table MA-2. Life table for males: Massachusetts, 2022

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
86-87	0.114067	34,497	3,935	32,529	182,578	5.3
87-88	0.127196	30,562	3,887	28,618	150,048	4.9
88-89	0.141448	26,675	3,773	24,788	121,430	4.6
89-90	0.156834	22,902	3,592	21,106	96,642	4.2
90-91	0.173340	19,310	3,347	17,636	75,536	3.9
91-92	0.190933	15,963	3,048	14,439	57,900	3.6
92-93	0.209553	12,915	2,706	11,562	43,461	3.4
93-94	0.229115	10,208	2,339	9,039	31,900	3.1
94-95	0.249506	7,870	1,964	6,888	22,861	2.9
95-96	0.270589	5,906	1,598	5,107	15,973	2.7
96-97	0.292207	4,308	1,259	3,679	10,866	2.5
97-98	0.314181	3,049	958	2,570	7,187	2.4
98-99	0.336323	2,091	703	1,740	4,617	2.2
99-100	0.358439	1,388	497	1,139	2,878	2.1
100 and older	1.000000	890	890	1,739	1,739	2.0

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

Table MA-3. Life table for females: Massachusetts, 2022

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	0.002860	100,000	286	99,741	8,219,419	82.2
1-2	0.000090	99,714	9	99,710	8,119,678	81.4
2-3	0.000150	99,705	15	99,698	8,019,968	80.4
3-4	0.000134	99,690	13	99,683	7,920,271	79.4
4-5	0.000117	99,677	12	99,671	7,820,587	78.5
5-6	0.000108	99,665	11	99,660	7,720,916	77.5
6-7	0.000110	99,654	11	99,649	7,621,257	76.5
7-8	0.000110	99,643	11	99,638	7,521,608	75.5
8-9	0.000106	99,632	11	99,627	7,421,970	74.5
9-10	0.000101	99,622	10	99,617	7,322,343	73.5
10-11	0.000095	99,612	9	99,607	7,222,726	72.5
11-12	0.000091	99,602	9	99,598	7,123,119	71.5
12-13	0.000091	99,593	9	99,589	7,023,521	70.5
13-14	0.000097	99,584	10	99,579	6,923,932	69.5
14-15	0.000108	99,575	11	99,569	6,824,353	68.5
15-16	0.000120	99,564	12	99,558	6,724,784	67.5
16-17	0.000134	99,552	13	99,545	6,625,226	66.6
17-18	0.000154	99,539	15	99,531	6,525,680	65.6
18-19	0.000180	99,523	18	99,514	6,426,149	64.6
19-20	0.000211	99,505	21	99,495	6,326,635	63.6
20-21	0.000246	99,484	24	99,472	6,227,140	62.6
21-22	0.000280	99,460	28	99,446	6,127,668	61.6
22-23	0.000315	99,432	31	99,416	6,028,222	60.6
23-24	0.000351	99,401	35	99,383	5,928,806	59.6
24-25	0.000391	99,366	39	99,346	5,829,423	58.7
25-26	0.000435	99,327	43	99,305	5,730,076	57.7
26-27	0.000485	99,284	48	99,260	5,630,771	56.7
27-28	0.000541	99,236	54	99,209	5,531,511	55.7
28-29	0.000600	99,182	60	99,152	5,432,302	54.8
29-30	0.000660	99,123	65	99,090	5,333,150	53.8
30-31	0.000718	99,057	71	99,021	5,234,060	52.8
31-32	0.000778	98,986	77	98,947	5,135,039	51.9
32-33	0.000851	98,909	84	98,867	5,036,091	50.9
33-34	0.000925	98,825	91	98,779	4,937,225	50.0
34-35	0.001013	98,733	100	98,683	4,838,446	49.0
35-36	0.001110	98,633	109	98,579	4,739,762	48.1
36-37	0.001201	98,524	118	98,465	4,641,184	47.1
37-38	0.001275	98,405	125	98,343	4,542,719	46.2
38-39	0.001322	98,280	130	98,215	4,444,376	45.2
39-40	0.001351	98,150	133	98,084	4,346,161	44.3
40-41	0.001386	98,017	136	97,950	4,248,078	43.3
41-42	0.001431	97,882	140	97,812	4,150,128	42.4
42-43	0.001472	97,742	144	97,670	4,052,316	41.5

Table MA-3. Life table for females: Massachusetts, 2022

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
43-44	0.001510	97,598	147	97,524	3,954,647	40.5
44-45	0.001552	97,450	151	97,375	3,857,123	39.6
45-46	0.001603	97,299	156	97,221	3,759,748	38.6
46-47	0.001683	97,143	164	97,061	3,662,527	37.7
47-48	0.001812	96,980	176	96,892	3,565,466	36.8
48-49	0.001994	96,804	193	96,707	3,468,574	35.8
49-50	0.002213	96,611	214	96,504	3,371,867	34.9
50-51	0.002439	96,397	235	96,279	3,275,363	34.0
51-52	0.002672	96,162	257	96,033	3,179,083	33.1
52-53	0.002928	95,905	281	95,764	3,083,050	32.1
53-54	0.003216	95,624	307	95,470	2,987,285	31.2
54-55	0.003533	95,317	337	95,148	2,891,815	30.3
55-56	0.003866	94,980	367	94,796	2,796,667	29.4
56-57	0.004210	94,613	398	94,413	2,701,871	28.6
57-58	0.004577	94,214	431	93,999	2,607,457	27.7
58-59	0.004968	93,783	466	93,550	2,513,459	26.8
59-60	0.005382	93,317	502	93,066	2,419,909	25.9
60-61	0.005829	92,815	541	92,544	2,326,843	25.1
61-62	0.006300	92,274	581	91,983	2,234,298	24.2
62-63	0.006778	91,693	622	91,382	2,142,315	23.4
63-64	0.007265	91,071	662	90,740	2,050,933	22.5
64-65	0.007784	90,409	704	90,058	1,960,193	21.7
65-66	0.008359	89,706	750	89,331	1,870,135	20.8
66-67	0.009226	88,956	821	88,545	1,780,805	20.0
67-68	0.010103	88,135	890	87,690	1,692,259	19.2
68-69	0.011051	87,245	964	86,763	1,604,569	18.4
69-70	0.012092	86,280	1,043	85,759	1,517,807	17.6
70-71	0.013203	85,237	1,125	84,674	1,432,048	16.8
71-72	0.014460	84,112	1,216	83,504	1,347,374	16.0
72-73	0.015994	82,895	1,326	82,233	1,263,870	15.2
73-74	0.017881	81,570	1,459	80,840	1,181,637	14.5
74-75	0.020114	80,111	1,611	79,305	1,100,797	13.7
75-76	0.022648	78,500	1,778	77,611	1,021,492	13.0
76-77	0.025473	76,722	1,954	75,745	943,881	12.3
77-78	0.028648	74,768	2,142	73,697	868,136	11.6
78-79	0.032281	72,626	2,344	71,453	794,439	10.9
79-80	0.036399	70,281	2,558	69,002	722,986	10.3
80-81	0.040976	67,723	2,775	66,336	653,984	9.7
81-82	0.046014	64,948	2,989	63,454	587,648	9.0
82-83	0.051441	61,960	3,187	60,366	524,194	8.5
83-84	0.057413	58,772	3,374	57,085	463,828	7.9
84-85	0.064395	55,398	3,567	53,614	406,743	7.3
85-86	0.073215	51,831	3,795	49,933	353,129	6.8

Table MA-3. Life table for females: Massachusetts, 2022

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
86-87	0.083180	48,036	3,996	46,038	303,196	6.3
87-88	0.095480	44,040	4,205	41,938	257,158	5.8
88-89	0.107693	39,835	4,290	37,690	215,220	5.4
89-90	0.121136	35,545	4,306	33,392	177,530	5.0
90-91	0.135850	31,239	4,244	29,117	144,137	4.6
91-92	0.151853	26,996	4,099	24,946	115,020	4.3
92-93	0.169141	22,896	3,873	20,960	90,074	3.9
93-94	0.187680	19,024	3,570	17,238	69,114	3.6
94-95	0.207403	15,453	3,205	13,851	51,876	3.4
95-96	0.228212	12,248	2,795	10,851	38,025	3.1
96-97	0.249972	9,453	2,363	8,271	27,175	2.9
97-98	0.272517	7,090	1,932	6,124	18,903	2.7
98-99	0.295653	5,158	1,525	4,395	12,779	2.5
99-100	0.319162	3,633	1,159	3,053	8,384	2.3
100 and older	1.000000	2,473	2,473	5,331	5,331	2.2

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