

U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2021):
U.S. State Life Tables, 2018. National Vital Statistics Report Volume 70, Number 1. 18pp.
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Table MA-2. Life table for males: Massachusetts, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.004496	100,000	450	99,587	7,765,159	77.7
1-2	0.000299	99,550	30	99,536	7,665,572	77.0
2-3	0.000219	99,521	22	99,510	7,566,036	76.0
3-4	0.000082	99,499	8	99,495	7,466,527	75.0
4-5	0.000136	99,491	14	99,484	7,367,032	74.0
5-6	0.000140	99,477	14	99,470	7,267,548	73.1
6-7	0.000128	99,463	13	99,457	7,168,078	72.1
7-8	0.000111	99,450	11	99,445	7,068,621	71.1
8-9	0.000088	99,439	9	99,435	6,969,176	70.1
9-10	0.000063	99,431	6	99,428	6,869,741	69.1
10-11	0.000041	99,424	4	99,422	6,770,314	68.1
11-12	0.000029	99,420	3	99,419	6,670,891	67.1
12-13	0.000034	99,417	3	99,416	6,571,472	66.1
13-14	0.000062	99,414	6	99,411	6,472,057	65.1
14-15	0.000107	99,408	11	99,403	6,372,646	64.1
15-16	0.000160	99,397	16	99,389	6,273,243	63.1
16-17	0.000220	99,381	22	99,370	6,173,854	62.1
17-18	0.000294	99,359	29	99,345	6,074,483	61.1
18-19	0.000386	99,330	38	99,311	5,975,139	60.2
19-20	0.000494	99,292	49	99,267	5,875,828	59.2
20-21	0.000601	99,243	60	99,213	5,776,560	58.2
21-22	0.000713	99,183	71	99,148	5,677,347	57.2
22-23	0.000852	99,112	84	99,070	5,578,199	56.3
23-24	0.001021	99,028	101	98,977	5,479,129	55.3
24-25	0.001206	98,927	119	98,867	5,380,152	54.4
25-26	0.001396	98,808	138	98,739	5,281,285	53.5
26-27	0.001569	98,670	155	98,592	5,182,546	52.5
27-28	0.001708	98,515	168	98,431	5,083,954	51.6
28-29	0.001801	98,346	177	98,258	4,985,523	50.7
29-30	0.001860	98,169	183	98,078	4,887,265	49.8
30-31	0.001912	97,987	187	97,893	4,789,187	48.9
31-32	0.001966	97,799	192	97,703	4,691,294	48.0
32-33	0.001992	97,607	194	97,510	4,593,591	47.1
33-34	0.002023	97,413	197	97,314	4,496,081	46.2
34-35	0.002028	97,216	197	97,117	4,398,767	45.2
35-36	0.002027	97,019	197	96,920	4,301,649	44.3
36-37	0.002031	96,822	197	96,724	4,204,729	43.4
37-38	0.002051	96,625	198	96,526	4,108,005	42.5
38-39	0.002098	96,427	202	96,326	4,011,479	41.6
39-40	0.002171	96,225	209	96,120	3,915,153	40.7
40-41	0.002270	96,016	218	95,907	3,819,033	39.8
41-42	0.002384	95,798	228	95,684	3,723,126	38.9
42-43	0.002496	95,570	239	95,450	3,627,442	38.0
43-44	0.002591	95,331	247	95,208	3,531,992	37.0
44-45	0.002681	95,084	255	94,957	3,436,784	36.1

Table MA-2. Life table for males: Massachusetts, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.002779	94,829	264	94,697	3,341,828	35.2
46-47	0.002913	94,566	275	94,428	3,247,130	34.3
47-48	0.003102	94,290	292	94,144	3,152,702	33.4
48-49	0.003360	93,998	316	93,840	3,058,559	32.5
49-50	0.003677	93,682	344	93,510	2,964,719	31.6
50-51	0.004013	93,337	375	93,150	2,871,209	30.8
51-52	0.004364	92,963	406	92,760	2,778,059	29.9
52-53	0.004760	92,557	441	92,337	2,685,299	29.0
53-54	0.005206	92,116	480	91,877	2,592,963	28.1
54-55	0.005687	91,637	521	91,376	2,501,086	27.3
55-56	0.006185	91,116	564	90,834	2,409,710	26.4
56-57	0.006692	90,552	606	90,249	2,318,876	25.6
57-58	0.007227	89,946	650	89,621	2,228,626	24.8
58-59	0.007804	89,296	697	88,948	2,139,005	24.0
59-60	0.008431	88,599	747	88,226	2,050,057	23.1
60-61	0.009123	87,852	801	87,452	1,961,831	22.3
61-62	0.009859	87,051	858	86,622	1,874,380	21.5
62-63	0.010606	86,193	914	85,736	1,787,758	20.7
63-64	0.011347	85,278	968	84,795	1,702,023	20.0
64-65	0.012110	84,311	1,021	83,800	1,617,228	19.2
65-66	0.012937	83,290	1,078	82,751	1,533,428	18.4
66-67	0.014149	82,212	1,163	81,631	1,450,677	17.6
67-68	0.015353	81,049	1,244	80,427	1,369,046	16.9
68-69	0.016636	79,805	1,328	79,141	1,288,619	16.1
69-70	0.018048	78,477	1,416	77,769	1,209,478	15.4
70-71	0.019616	77,061	1,512	76,305	1,131,709	14.7
71-72	0.021406	75,549	1,617	74,740	1,055,405	14.0
72-73	0.023491	73,932	1,737	73,063	980,664	13.3
73-74	0.025949	72,195	1,873	71,258	907,601	12.6
74-75	0.028865	70,322	2,030	69,307	836,342	11.9
75-76	0.032301	68,292	2,206	67,189	767,036	11.2
76-77	0.036269	66,086	2,397	64,888	699,847	10.6
77-78	0.040775	63,689	2,597	62,391	634,959	10.0
78-79	0.045847	61,092	2,801	59,692	572,568	9.4
79-80	0.051386	58,291	2,995	56,794	512,877	8.8
80-81	0.057322	55,296	3,170	53,711	456,083	8.2
81-82	0.063695	52,126	3,320	50,466	402,372	7.7
82-83	0.070532	48,806	3,442	47,085	351,906	7.2
83-84	0.078041	45,364	3,540	43,594	304,821	6.7
84-85	0.086612	41,823	3,622	40,012	261,227	6.2
85-86	0.097036	38,201	3,707	36,348	221,215	5.8
86-87	0.111871	34,494	3,859	32,565	184,867	5.4
87-88	0.124835	30,635	3,824	28,723	152,303	5.0
88-89	0.138924	26,811	3,725	24,949	123,580	4.6
89-90	0.154152	23,086	3,559	21,307	98,631	4.3

Table MA-2. Life table for males: Massachusetts, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.170510	19,527	3,330	17,863	77,324	4.0
91-92	0.187966	16,198	3,045	14,676	59,462	3.7
92-93	0.206466	13,153	2,716	11,795	44,786	3.4
93-94	0.225928	10,437	2,358	9,258	32,991	3.2
94-95	0.246242	8,079	1,989	7,085	23,732	2.9
95-96	0.267275	6,090	1,628	5,276	16,648	2.7
96-97	0.288871	4,462	1,289	3,818	11,372	2.5
97-98	0.310853	3,173	986	2,680	7,554	2.4
98-99	0.333034	2,187	728	1,823	4,874	2.2
99-100	0.355217	1,459	518	1,199	3,051	2.1
100 and over	1.000000	940	940	1,852	1,852	2.0

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

Table MA-3. Life table for females: Massachusetts, 2018

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	0.003864	100,000	386	99,661	8,253,223	82.5
1-2	0.000199	99,614	20	99,604	8,153,562	81.9
2-3	0.000115	99,594	11	99,588	8,053,958	80.9
3-4	0.000172	99,582	17	99,574	7,954,370	79.9
4-5	0.000114	99,565	11	99,560	7,854,796	78.9
5-6	0.000107	99,554	11	99,549	7,755,237	77.9
6-7	0.000096	99,543	10	99,538	7,655,688	76.9
7-8	0.000086	99,534	9	99,529	7,556,150	75.9
8-9	0.000079	99,525	8	99,521	7,456,621	74.9
9-10	0.000075	99,517	7	99,514	7,357,099	73.9
10-11	0.000073	99,510	7	99,506	7,257,586	72.9
11-12	0.000075	99,503	7	99,499	7,158,080	71.9
12-13	0.000080	99,495	8	99,491	7,058,581	70.9
13-14	0.000089	99,487	9	99,483	6,959,090	69.9
14-15	0.000100	99,478	10	99,473	6,859,607	69.0
15-16	0.000113	99,468	11	99,463	6,760,134	68.0
16-17	0.000130	99,457	13	99,451	6,660,671	67.0
17-18	0.000154	99,444	15	99,436	6,561,221	66.0
18-19	0.000186	99,429	19	99,420	6,461,784	65.0
19-20	0.000225	99,410	22	99,399	6,362,365	64.0
20-21	0.000268	99,388	27	99,375	6,262,966	63.0
21-22	0.000311	99,361	31	99,346	6,163,591	62.0
22-23	0.000356	99,330	35	99,313	6,064,245	61.1
23-24	0.000402	99,295	40	99,275	5,964,933	60.1
24-25	0.000450	99,255	45	99,233	5,865,658	59.1
25-26	0.000497	99,210	49	99,186	5,766,425	58.1
26-27	0.000546	99,161	54	99,134	5,667,239	57.2
27-28	0.000605	99,107	60	99,077	5,568,105	56.2
28-29	0.000678	99,047	67	99,013	5,469,028	55.2
29-30	0.000759	98,980	75	98,942	5,370,015	54.3
30-31	0.000848	98,905	84	98,863	5,271,073	53.3
31-32	0.000930	98,821	92	98,775	5,172,210	52.3
32-33	0.000987	98,729	97	98,680	5,073,435	51.4
33-34	0.001011	98,632	100	98,582	4,974,755	50.4
34-35	0.001009	98,532	99	98,482	4,876,173	49.5
35-36	0.000998	98,432	98	98,383	4,777,691	48.5
36-37	0.000998	98,334	98	98,285	4,679,308	47.6
37-38	0.001015	98,236	100	98,186	4,581,022	46.6
38-39	0.001060	98,136	104	98,084	4,482,836	45.7
39-40	0.001128	98,032	111	97,977	4,384,752	44.7
40-41	0.001212	97,922	119	97,862	4,286,775	43.8
41-42	0.001301	97,803	127	97,739	4,188,913	42.8
42-43	0.001386	97,676	135	97,608	4,091,173	41.9
43-44	0.001458	97,540	142	97,469	3,993,565	40.9

Table MA-3. Life table for females: Massachusetts, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
44-45	0.001521	97,398	148	97,324	3,896,096	40.0
45-46	0.001592	97,250	155	97,173	3,798,772	39.1
46-47	0.001678	97,095	163	97,014	3,701,599	38.1
47-48	0.001778	96,932	172	96,846	3,604,586	37.2
48-49	0.001894	96,760	183	96,668	3,507,740	36.3
49-50	0.002032	96,577	196	96,479	3,411,071	35.3
50-51	0.002176	96,380	210	96,276	3,314,593	34.4
51-52	0.002338	96,171	225	96,058	3,218,317	33.5
52-53	0.002550	95,946	245	95,823	3,122,259	32.5
53-54	0.002822	95,701	270	95,566	3,026,436	31.6
54-55	0.003138	95,431	299	95,281	2,930,869	30.7
55-56	0.003472	95,132	330	94,966	2,835,588	29.8
56-57	0.003809	94,801	361	94,621	2,740,622	28.9
57-58	0.004152	94,440	392	94,244	2,646,001	28.0
58-59	0.004500	94,048	423	93,837	2,551,757	27.1
59-60	0.004862	93,625	455	93,397	2,457,920	26.3
60-61	0.005275	93,170	492	92,924	2,364,523	25.4
61-62	0.005724	92,678	531	92,413	2,271,599	24.5
62-63	0.006158	92,148	567	91,864	2,179,186	23.6
63-64	0.006559	91,580	601	91,280	2,087,322	22.8
64-65	0.006964	90,980	634	90,663	1,996,042	21.9
65-66	0.007378	90,346	667	90,013	1,905,379	21.1
66-67	0.008038	89,679	721	89,319	1,815,367	20.2
67-68	0.008866	88,959	789	88,564	1,726,048	19.4
68-69	0.009969	88,170	879	87,730	1,637,483	18.6
69-70	0.011305	87,291	987	86,797	1,549,753	17.8
70-71	0.012826	86,304	1,107	85,751	1,462,956	17.0
71-72	0.014487	85,197	1,234	84,580	1,377,205	16.2
72-73	0.016266	83,963	1,366	83,280	1,292,625	15.4
73-74	0.018145	82,597	1,499	81,848	1,209,345	14.6
74-75	0.020208	81,098	1,639	80,279	1,127,498	13.9
75-76	0.022492	79,459	1,787	78,566	1,047,219	13.2
76-77	0.024991	77,672	1,941	76,702	968,653	12.5
77-78	0.027757	75,731	2,102	74,680	891,951	11.8
78-79	0.030935	73,629	2,278	72,490	817,271	11.1
79-80	0.034702	71,351	2,476	70,113	744,781	10.4
80-81	0.039065	68,875	2,691	67,530	674,667	9.8
81-82	0.044083	66,185	2,918	64,726	607,137	9.2
82-83	0.049868	63,267	3,155	61,690	542,412	8.6
83-84	0.056458	60,112	3,394	58,415	480,722	8.0
84-85	0.063389	56,718	3,595	54,921	422,307	7.4
85-86	0.072075	53,123	3,829	51,209	367,386	6.9
86-87	0.081789	49,294	4,032	47,278	316,178	6.4
87-88	0.092609	45,262	4,192	43,167	268,900	5.9

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Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
88-89	0.104604	41,071	4,296	38,923	225,733	5.5
89-90	0.117835	36,774	4,333	34,608	186,811	5.1
90-91	0.132344	32,441	4,293	30,294	152,203	4.7
91-92	0.148158	28,148	4,170	26,063	121,908	4.3
92-93	0.165276	23,977	3,963	21,996	95,846	4.0
93-94	0.183672	20,015	3,676	18,177	73,850	3.7
94-95	0.203286	16,338	3,321	14,678	55,673	3.4
95-96	0.224022	13,017	2,916	11,559	40,995	3.1
96-97	0.245752	10,101	2,482	8,860	29,436	2.9
97-98	0.268312	7,619	2,044	6,597	20,577	2.7
98-99	0.291509	5,574	1,625	4,762	13,980	2.5
99-100	0.315125	3,949	1,245	3,327	9,218	2.3
100 and over	1.000000	2,705	2,705	5,891	5,891	2.2

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