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Table CA-2. Life table for males: California, 2019

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 over age $x$	Expectation of life at age $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	0.004521	100,000	452	99,608	7,843,476	78.4
1-2	0.000315	99,548	31	99,532	7,743,868	77.8
2-3	0.000200	99,517	20	99,507	7,644,336	76.8
3-4	0.000137	99,497	14	99,490	7,544,830	75.8
4-5	0.000092	99,483	9	99,478	7,445,340	74.8
5-6	0.000113	99,474	11	99,468	7,345,861	73.8
6-7	0.000104	99,463	10	99,457	7,246,393	72.9
7-8	0.000094	99,452	9	99,447	7,146,936	71.9
8-9	0.000083	99,443	8	99,439	7,047,488	70.9
9-10	0.000072	99,435	7	99,431	6,948,050	69.9
10-11	0.000065	99,427	6	99,424	6,848,619	68.9
11-12	0.000071	99,421	7	99,417	6,749,195	67.9
12-13	0.000098	99,414	10	99,409	6,649,777	66.9
13-14	0.000151	99,404	15	99,397	6,550,368	65.9
14-15	0.000226	99,389	22	99,378	6,450,972	64.9
15-16	0.000309	99,367	31	99,351	6,351,594	63.9
16-17	0.000396	99,336	39	99,316	6,252,242	62.9
17-18	0.000501	99,297	50	99,272	6,152,926	62.0
18-19	0.000625	99,247	62	99,216	6,053,654	61.0
19-20	0.000758	99,185	75	99,147	5,954,438	60.0
20-21	0.000899	99,110	89	99,065	5,855,291	59.1
21-22	0.001032	99,020	102	98,969	5,756,226	58.1
22-23	0.001133	98,918	112	98,862	5,657,257	57.2
23-24	0.001189	98,806	117	98,747	5,558,395	56.3
24-25	0.001211	98,689	120	98,629	5,459,647	55.3
25-26	0.001223	98,569	121	98,509	5,361,018	54.4
26-27	0.001238	98,449	122	98,388	5,262,509	53.5
27-28	0.001255	98,327	123	98,265	5,164,121	52.5
28-29	0.001279	98,203	126	98,141	5,065,856	51.6
29-30	0.001309	98,078	128	98,014	4,967,716	50.7
30-31	0.001339	97,949	131	97,884	4,869,702	49.7
31-32	0.001370	97,818	134	97,751	4,771,818	48.8
32-33	0.001378	97,684	135	97,617	4,674,067	47.8
33-34	0.001458	97,550	142	97,478	4,576,450	46.9
34-35	0.001516	97,407	148	97,333	4,478,972	46.0
35-36	0.001584	97,260	154	97,183	4,381,639	45.1
36-37	0.001657	97,106	161	97,025	4,284,456	44.1
37-38	0.001724	96,945	167	96,861	4,187,431	43.2
38-39	0.001782	96,778	172	96,691	4,090,569	42.3
39-40	0.001838	96,605	178	96,516	3,993,878	41.3
40-41	0.001905	96,428	184	96,336	3,897,362	40.4
41-42	0.001994	96,244	192	96,148	3,801,026	39.5
42-43	0.002108	96,052	202	95,951	3,704,878	38.6
43-44	0.002246	95,850	215	95,742	3,608,927	37.7
44-45	0.002406	95,634	230	95,519	3,513,185	36.7
45-46	0.002587	95,404	247	95,281	3,417,666	35.8
46-47	0.002788	95,157	265	95,025	3,322,385	34.9
47-48	0.003014	94,892	286	94,749	3,227,360	34.0
48-49	0.003271	94,606	309	94,451	3,132,611	33.1
49-50	0.003565	94,297	336	94,129	3,038,160	32.2
50-51	0.003879	93,961	365	93,778	2,944,031	31.3
51-52	0.004228	93,596	396	93,398	2,850,253	30.5
52-53	0.004648	93,200	433	92,984	2,756,855	29.6

Table CA-2. Life table for males: California, 2019

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 over age $x$	Expectation of life at age $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
53-54	0.005143	92,767	477	92,529	2,663,871	28.7
54-55	0.005690	92,290	525	92,027	2,571,343	27.9
55-56	0.006252	91,765	574	91,478	2,479,315	27.0
56-57	0.006817	91,191	622	90,880	2,387,837	26.2
57-58	0.007402	90,569	670	90,234	2,296,957	25.4
58-59	0.008020	89,899	721	89,539	2,206,723	24.5
59-60	0.008680	89,178	774	88,791	2,117,184	23.7
60-61	0.009393	88,404	830	87,989	2,028,393	22.9
61-62	0.010139	87,574	888	87,130	1,940,404	22.2
62-63	0.010897	86,686	945	86,214	1,853,274	21.4
63-64	0.011657	85,741	1,000	85,241	1,767,061	20.6
64-65	0.012440	84,742	1,054	84,215	1,681,819	19.8
65-66	0.013286	83,688	1,112	83,132	1,597,605	19.1
66-67	0.014420	82,576	1,191	81,980	1,514,473	18.3
67-68	0.015528	81,385	1,264	80,753	1,432,493	17.6
68-69	0.016650	80,121	1,334	79,454	1,351,740	16.9
69-70	0.017820	78,787	1,404	78,085	1,272,286	16.1
70-71	0.019077	77,383	1,476	76,645	1,194,200	15.4
71-72	0.020511	75,907	1,557	75,128	1,117,555	14.7
72-73	0.022193	74,350	1,650	73,525	1,042,427	14.0
73-74	0.024203	72,700	1,760	71,820	968,902	13.3
74-75	0.026588	70,940	1,886	69,997	897,082	12.6
75-76	0.029333	69,054	2,026	68,041	827,085	12.0
76-77	0.032461	67,029	2,176	65,941	759,043	11.3
77-78	0.036048	64,853	2,338	63,684	693,103	10.7
78-79	0.040121	62,515	2,508	61,261	629,419	10.1
79-80	0.044713	60,007	2,683	58,665	568,158	9.5
80-81	0.049827	57,324	2,856	55,896	509,493	8.9
81-82	0.055566	54,467	3,027	52,954	453,597	8.3
82-83	0.062041	51,441	3,191	49,845	400,643	7.8
83-84	0.069354	48,249	3,346	46,576	350,798	7.3
84-85	0.077722	44,903	3,490	43,158	304,222	6.8
85-86	0.089926	41,413	3,724	39,551	261,063	6.3
86-87	0.100092	37,689	3,772	35,803	221,512	5.9
87-88	0.111186	33,917	3,771	32,031	185,709	5.5
88-89	0.123241	30,146	3,715	28,288	153,678	5.1
89-90	0.136284	26,430	3,602	24,629	125,390	4.7
90-91	0.150324	22,828	3,432	21,113	100,761	4.4
91-92	0.165360	19,397	3,207	17,793	79,648	4.1
92-93	0.181372	16,189	2,936	14,721	61,855	3.8
93-94	0.198320	13,253	2,628	11,939	47,134	3.6
94-95	0.216147	10,625	2,296	9,476	35,195	3.3
95-96	0.234774	8,328	1,955	7,351	25,719	3.1
96-97	0.254100	6,373	1,619	5,563	18,369	2.9
97-98	0.274007	4,754	1,303	4,102	12,805	2.7
98-99	0.294362	3,451	1,016	2,943	8,703	2.5
99-100	0.315015	2,435	767	2,052	5,760	2.4
100 and over	1.000000	1,668	1,668	3,708	3,708	2.2

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

Table CA-3. Life table for females: California, 2019

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 over age $x$	Expectation of life at age $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	0.003860	100,000	386	99,662	8,329,779	83.3
1-2	0.000230	99,614	23	99,603	8,230,117	82.6
2-3	0.000154	99,591	15	99,583	8,130,514	81.6
3-4	0.000106	99,576	11	99,570	8,030,931	80.7
4-5	0.000076	99,565	8	99,561	7,931,360	79.7
5-6	0.000094	99,558	9	99,553	7,831,799	78.7
6-7	0.000089	99,548	9	99,544	7,732,246	77.7
7-8	0.000084	99,539	8	99,535	7,632,702	76.7
8-9	0.000079	99,531	8	99,527	7,533,167	75.7
9-10	0.000075	99,523	7	99,519	7,433,640	74.7
10-11	0.000073	99,516	7	99,512	7,334,120	73.7
11-12	0.000075	99,508	7	99,505	7,234,608	72.7
12-13	0.000083	99,501	8	99,497	7,135,103	71.7
13-14	0.000099	99,493	10	99,488	7,035,607	70.7
14-15	0.000122	99,483	12	99,477	6,936,119	69.7
15-16	0.000147	99,471	15	99,463	6,836,642	68.7
16-17	0.000173	99,456	17	99,448	6,737,179	67.7
17-18	0.000203	99,439	20	99,429	6,637,731	66.8
18-19	0.000239	99,419	24	99,407	6,538,302	65.8
19-20	0.000277	99,395	28	99,381	6,438,896	64.8
20-21	0.000321	99,367	32	99,351	6,339,514	63.8
21-22	0.000363	99,336	36	99,317	6,240,163	62.8
22-23	0.000392	99,299	39	99,280	6,140,845	61.8
23-24	0.000401	99,261	40	99,241	6,041,565	60.9
24-25	0.000399	99,221	40	99,201	5,942,325	59.9
25-26	0.000392	99,181	39	99,162	5,843,124	58.9
26-27	0.000393	99,142	39	99,123	5,743,962	57.9
27-28	0.000406	99,103	40	99,083	5,644,839	57.0
28-29	0.000438	99,063	43	99,041	5,545,756	56.0
29-30	0.000484	99,020	48	98,996	5,446,715	55.0
30-31	0.000539	98,972	53	98,945	5,347,719	54.0
31-32	0.000592	98,918	59	98,889	5,248,774	53.1
32-33	0.000629	98,860	62	98,829	5,149,885	52.1
33-34	0.000684	98,798	68	98,764	5,051,056	51.1
34-35	0.000720	98,730	71	98,695	4,952,292	50.2
35-36	0.000760	98,659	75	98,621	4,853,597	49.2
36-37	0.000806	98,584	79	98,544	4,754,976	48.2
37-38	0.000853	98,505	84	98,462	4,656,432	47.3
38-39	0.000903	98,420	89	98,376	4,557,969	46.3
39-40	0.000958	98,332	94	98,284	4,459,593	45.4
40-41	0.001020	98,237	100	98,187	4,361,309	44.4
41-42	0.001093	98,137	107	98,083	4,263,121	43.4
42-43	0.001178	98,030	115	97,972	4,165,038	42.5
43-44	0.001272	97,914	125	97,852	4,067,066	41.5
44-45	0.001374	97,790	134	97,723	3,969,214	40.6
45-46	0.001486	97,656	145	97,583	3,871,491	39.6
46-47	0.001609	97,510	157	97,432	3,773,908	38.7
47-48	0.001739	97,354	169	97,269	3,676,476	37.8
48-49	0.001879	97,184	183	97,093	3,579,207	36.8
49-50	0.002036	97,002	198	96,903	3,482,114	35.9
50-51	0.002209	96,804	214	96,697	3,385,212	35.0
51-52	0.002405	96,590	232	96,474	3,288,514	34.0
52-53	0.002637	96,358	254	96,231	3,192,040	33.1

Table CA-3. Life table for females: California, 2019

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 over age $x$	Expectation of life at age $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
53-54	0.002903	96,104	279	95,964	3,095,809	32.2
54-55	0.003193	95,825	306	95,672	2,999,845	31.3
55-56	0.003484	95,519	333	95,353	2,904,173	30.4
56-57	0.003784	95,186	360	95,006	2,808,821	29.5
57-58	0.004124	94,826	391	94,630	2,713,815	28.6
58-59	0.004521	94,435	427	94,221	2,619,184	27.7
59-60	0.004971	94,008	467	93,774	2,524,963	26.9
60-61	0.005474	93,541	512	93,285	2,431,189	26.0
61-62	0.005990	93,029	557	92,750	2,337,904	25.1
62-63	0.006477	92,471	599	92,172	2,245,154	24.3
63-64	0.006909	91,872	635	91,555	2,152,982	23.4
64-65	0.007314	91,238	667	90,904	2,061,427	22.6
65-66	0.007733	90,570	700	90,220	1,970,523	21.8
66-67	0.008317	89,870	747	89,496	1,880,303	20.9
67-68	0.008984	89,122	801	88,722	1,790,807	20.1
68-69	0.009790	88,322	865	87,889	1,702,085	19.3
69-70	0.010729	87,457	938	86,988	1,614,195	18.5
70-71	0.011789	86,519	1,020	86,009	1,527,207	17.7
71-72	0.012966	85,499	1,109	84,944	1,441,199	16.9
72-73	0.014283	84,390	1,205	83,788	1,356,254	16.1
73-74	0.015768	83,185	1,312	82,529	1,272,467	15.3
74-75	0.017481	81,873	1,431	81,158	1,189,938	14.5
75-76	0.019432	80,442	1,563	79,660	1,108,780	13.8
76-77	0.021701	78,879	1,712	78,023	1,029,120	13.0
77-78	0.024435	77,167	1,886	76,224	951,097	12.3
78-79	0.027741	75,282	2,088	74,237	874,872	11.6
79-80	0.031609	73,193	2,314	72,036	800,635	10.9
80-81	0.035949	70,880	2,548	69,606	728,598	10.3
81-82	0.040821	68,332	2,789	66,937	658,993	9.6
82-83	0.046312	65,542	3,035	64,024	592,056	9.0
83-84	0.052480	62,507	3,280	60,867	528,031	8.4
84-85	0.059390	59,226	3,517	57,468	467,165	7.9
85-86	0.067111	55,709	3,739	53,840	409,697	7.4
86-87	0.075710	51,970	3,935	50,003	355,857	6.8
87-88	0.085254	48,036	4,095	45,988	305,854	6.4
88-89	0.095807	43,940	4,210	41,836	259,866	5.9
89-90	0.107424	39,731	4,268	37,597	218,031	5.5
90-91	0.120154	35,463	4,261	33,332	180,434	5.1
91-92	0.134030	31,202	4,182	29,111	147,102	4.7
92-93	0.149072	27,020	4,028	25,006	117,991	4.4
93-94	0.165278	22,992	3,800	21,092	92,986	4.0
94-95	0.182625	19,192	3,505	17,439	71,894	3.7
95-96	0.201062	15,687	3,154	14,110	54,454	3.5
96-97	0.220512	12,533	2,764	11,151	40,345	3.2
97-98	0.240870	9,769	2,353	8,593	29,194	3.0
98-99	0.262005	7,416	1,943	6,445	20,601	2.8
99-100	0.283758	5,473	1,553	4,697	14,156	2.6
100 and over	1.000000	3,920	3,920	9,460	9,460	2.4

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