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Table CA-2. Life table for males: California, 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	0.004234	100,000	423	99,627	7,616,674	76.2
1-2	0.000272	99,577	27	99,563	7,517,048	75.5
2-3	0.000223	99,550	22	99,538	7,417,485	74.5
3-4	0.000173	99,527	17	99,519	7,317,946	73.5
4-5	0.000114	99,510	11	99,504	7,218,428	72.5
5-6	0.000108	99,499	11	99,493	7,118,923	71.5
6-7	0.000094	99,488	9	99,483	7,019,430	70.6
7-8	0.000082	99,479	8	99,475	6,919,947	69.6
8-9	0.000072	99,470	7	99,467	6,820,472	68.6
9-10	0.000064	99,463	6	99,460	6,721,005	67.6
10-11	0.000064	99,457	6	99,454	6,621,545	66.6
11-12	0.000082	99,450	8	99,446	6,522,092	65.6
12-13	0.000128	99,442	13	99,436	6,422,645	64.6
13-14	0.000210	99,430	21	99,419	6,323,209	63.6
14-15	0.000320	99,409	32	99,393	6,223,790	62.6
15-16	0.000440	99,377	44	99,355	6,124,397	61.6
16-17	0.000564	99,333	56	99,305	6,025,042	60.7
17-18	0.000706	99,277	70	99,242	5,925,737	59.7
18-19	0.000866	99,207	86	99,164	5,826,495	58.7
19-20	0.001035	99,121	103	99,070	5,727,331	57.8
20-21	0.001215	99,019	120	98,958	5,628,261	56.8
21-22	0.001384	98,898	137	98,830	5,529,302	55.9
22-23	0.001506	98,761	149	98,687	5,430,473	55.0
23-24	0.001562	98,613	154	98,536	5,331,786	54.1
24-25	0.001570	98,459	155	98,381	5,233,250	53.2
25-26	0.001563	98,304	154	98,227	5,134,869	52.2
26-27	0.001567	98,150	154	98,073	5,036,641	51.3
27-28	0.001586	97,997	155	97,919	4,938,568	50.4
28-29	0.001629	97,841	159	97,761	4,840,649	49.5
29-30	0.001692	97,682	165	97,599	4,742,888	48.6
30-31	0.001759	97,516	172	97,431	4,645,289	47.6
31-32	0.001823	97,345	177	97,256	4,547,858	46.7
32-33	0.001853	97,167	180	97,077	4,450,602	45.8
33-34	0.001960	96,987	190	96,892	4,353,525	44.9

Table CA-2. Life table for males: California, 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	0.002035	96,797	197	96,699	4,256,633	44.0
35-36	0.002119	96,600	205	96,498	4,159,934	43.1
36-37	0.002214	96,396	213	96,289	4,063,436	42.2
37-38	0.002312	96,182	222	96,071	3,967,147	41.2
38-39	0.002413	95,960	232	95,844	3,871,076	40.3
39-40	0.002520	95,728	241	95,608	3,775,232	39.4
40-41	0.002646	95,487	253	95,361	3,679,625	38.5
41-42	0.002792	95,234	266	95,101	3,584,264	37.6
42-43	0.002945	94,968	280	94,829	3,489,163	36.7
43-44	0.003098	94,689	293	94,542	3,394,334	35.8
44-45	0.003258	94,395	308	94,242	3,299,793	35.0
45-46	0.003439	94,088	324	93,926	3,205,551	34.1
46-47	0.003655	93,764	343	93,593	3,111,625	33.2
47-48	0.003915	93,422	366	93,239	3,018,032	32.3
48-49	0.004227	93,056	393	92,859	2,924,794	31.4
49-50	0.004588	92,662	425	92,450	2,831,934	30.6
50-51	0.004971	92,237	458	92,008	2,739,485	29.7
51-52	0.005386	91,779	494	91,532	2,647,477	28.8
52-53	0.005875	91,284	536	91,016	2,555,945	28.0
53-54	0.006450	90,748	585	90,455	2,464,929	27.2
54-55	0.007096	90,163	640	89,843	2,374,474	26.3
55-56	0.007769	89,523	695	89,175	2,284,631	25.5
56-57	0.008456	88,828	751	88,452	2,195,455	24.7
57-58	0.009188	88,076	809	87,672	2,107,003	23.9
58-59	0.009973	87,267	870	86,832	2,019,332	23.1
59-60	0.010806	86,397	934	85,930	1,932,500	22.4
60-61	0.011690	85,463	999	84,964	1,846,570	21.6
61-62	0.012603	84,464	1,064	83,932	1,761,606	20.9
62-63	0.013527	83,400	1,128	82,836	1,677,674	20.1
63-64	0.014464	82,271	1,190	81,676	1,594,839	19.4
64-65	0.015443	81,081	1,252	80,455	1,513,162	18.7
65-66	0.016509	79,829	1,318	79,170	1,432,707	17.9
66-67	0.017889	78,511	1,405	77,809	1,353,537	17.2
67-68	0.019221	77,107	1,482	76,366	1,275,727	16.5

Table CA-2. Life table for males: California, 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	0.020516	75,625	1,551	74,849	1,199,362	15.9
69-70	0.021809	74,073	1,615	73,266	1,124,512	15.2
70-71	0.023175	72,458	1,679	71,618	1,051,247	14.5
71-72	0.024729	70,779	1,750	69,904	979,629	13.8
72-73	0.026551	69,028	1,833	68,112	909,725	13.2
73-74	0.028747	67,196	1,932	66,230	841,613	12.5
74-75	0.031389	65,264	2,049	64,240	775,383	11.9
75-76	0.034462	63,215	2,179	62,126	711,144	11.2
76-77	0.037954	61,037	2,317	59,878	649,018	10.6
77-78	0.041907	58,720	2,461	57,490	589,139	10.0
78-79	0.046352	56,259	2,608	54,956	531,649	9.4
79-80	0.051331	53,652	2,754	52,275	476,694	8.9
80-81	0.056848	50,898	2,893	49,451	424,419	8.3
81-82	0.062977	48,004	3,023	46,493	374,968	7.8
82-83	0.069910	44,981	3,145	43,409	328,476	7.3
83-84	0.077843	41,836	3,257	40,208	285,067	6.8
84-85	0.086937	38,580	3,354	36,903	244,859	6.3
85-86	0.097416	35,226	3,432	33,510	207,956	5.9
86-87	0.109848	31,794	3,493	30,048	174,446	5.5
87-88	0.122085	28,302	3,455	26,574	144,398	5.1
88-89	0.135353	24,846	3,363	23,165	117,824	4.7
89-90	0.149668	21,483	3,215	19,876	94,659	4.4
90-91	0.165026	18,268	3,015	16,761	74,783	4.1
91-92	0.181407	15,253	2,767	13,870	58,023	3.8
92-93	0.198770	12,486	2,482	11,245	44,153	3.5
93-94	0.217051	10,004	2,171	8,919	32,908	3.3
94-95	0.236165	7,833	1,850	6,908	23,989	3.1
95-96	0.256003	5,983	1,532	5,217	17,081	2.9
96-97	0.276439	4,451	1,231	3,836	11,864	2.7
97-98	0.297324	3,221	958	2,742	8,028	2.5
98-99	0.318499	2,263	721	1,903	5,285	2.3
99-100	0.339795	1,542	524	1,280	3,383	2.2
100 and over	1.000000	1,018	1,018	2,102	2,102	2.1

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

Table CA-3. Life table for females: California, 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	0.003556	100,000	356	99,683	8,197,671	82.0
1-2	0.000221	99,644	22	99,633	8,097,988	81.3
2-3	0.000154	99,622	15	99,615	7,998,354	80.3
3-4	0.000108	99,607	11	99,602	7,898,740	79.3
4-5	0.000094	99,596	9	99,592	7,799,138	78.3
5-6	0.000092	99,587	9	99,582	7,699,547	77.3
6-7	0.000087	99,578	9	99,573	7,599,964	76.3
7-8	0.000083	99,569	8	99,565	7,500,391	75.3
8-9	0.000079	99,561	8	99,557	7,400,826	74.3
9-10	0.000074	99,553	7	99,549	7,301,269	73.3
10-11	0.000072	99,546	7	99,542	7,201,720	72.3
11-12	0.000077	99,538	8	99,534	7,102,178	71.4
12-13	0.000093	99,531	9	99,526	7,002,644	70.4
13-14	0.000122	99,521	12	99,515	6,903,118	69.4
14-15	0.000162	99,509	16	99,501	6,803,602	68.4
15-16	0.000208	99,493	21	99,483	6,704,101	67.4
16-17	0.000254	99,472	25	99,460	6,604,618	66.4
17-18	0.000295	99,447	29	99,433	6,505,158	65.4
18-19	0.000330	99,418	33	99,401	6,405,726	64.4
19-20	0.000361	99,385	36	99,367	6,306,325	63.5
20-21	0.000392	99,349	39	99,330	6,206,958	62.5
21-22	0.000426	99,310	42	99,289	6,107,628	61.5
22-23	0.000459	99,268	46	99,245	6,008,339	60.5
23-24	0.000489	99,222	49	99,198	5,909,094	59.6
24-25	0.000516	99,174	51	99,148	5,809,896	58.6
25-26	0.000541	99,123	54	99,096	5,710,747	57.6
26-27	0.000566	99,069	56	99,041	5,611,652	56.6
27-28	0.000593	99,013	59	98,984	5,512,611	55.7
28-29	0.000625	98,954	62	98,923	5,413,627	54.7
29-30	0.000661	98,892	65	98,860	5,314,704	53.7
30-31	0.000702	98,827	69	98,792	5,215,844	52.8
31-32	0.000743	98,758	73	98,721	5,117,051	51.8
32-33	0.000770	98,684	76	98,646	5,018,330	50.9
33-34	0.000825	98,608	81	98,568	4,919,684	49.9

Table CA-3. Life table for females: California, 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	0.000866	98,527	85	98,484	4,821,117	48.9
35-36	0.000912	98,442	90	98,397	4,722,632	48.0
36-37	0.000964	98,352	95	98,304	4,624,236	47.0
37-38	0.001023	98,257	101	98,207	4,525,931	46.1
38-39	0.001089	98,157	107	98,103	4,427,724	45.1
39-40	0.001162	98,050	114	97,993	4,329,621	44.2
40-41	0.001248	97,936	122	97,875	4,231,628	43.2
41-42	0.001345	97,814	132	97,748	4,133,754	42.3
42-43	0.001449	97,682	142	97,611	4,036,006	41.3
43-44	0.001558	97,540	152	97,464	3,938,395	40.4
44-45	0.001673	97,388	163	97,307	3,840,930	39.4
45-46	0.001797	97,226	175	97,138	3,743,623	38.5
46-47	0.001938	97,051	188	96,957	3,646,485	37.6
47-48	0.002101	96,863	204	96,761	3,549,528	36.6
48-49	0.002291	96,659	221	96,548	3,452,767	35.7
49-50	0.002506	96,438	242	96,317	3,356,219	34.8
50-51	0.002741	96,196	264	96,064	3,259,902	33.9
51-52	0.002992	95,932	287	95,789	3,163,838	33.0
52-53	0.003258	95,645	312	95,490	3,068,049	32.1
53-54	0.003535	95,334	337	95,165	2,972,559	31.2
54-55	0.003825	94,997	363	94,815	2,877,394	30.3
55-56	0.004119	94,633	390	94,439	2,782,579	29.4
56-57	0.004435	94,244	418	94,035	2,688,140	28.5
57-58	0.004804	93,826	451	93,600	2,594,106	27.6
58-59	0.005245	93,375	490	93,130	2,500,505	26.8
59-60	0.005746	92,885	534	92,618	2,407,375	25.9
60-61	0.006293	92,351	581	92,061	2,314,757	25.1
61-62	0.006854	91,770	629	91,456	2,222,696	24.2
62-63	0.007414	91,141	676	90,803	2,131,241	23.4
63-64	0.007963	90,466	720	90,105	2,040,437	22.6
64-65	0.008525	89,745	765	89,363	1,950,332	21.7
65-66	0.009135	88,980	813	88,574	1,860,969	20.9
66-67	0.009906	88,167	873	87,731	1,772,395	20.1
67-68	0.010715	87,294	935	86,826	1,684,665	19.3

Table CA-3. Life table for females: California, 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	0.011585	86,358	1,000	85,858	1,597,839	18.5
69-70	0.012534	85,358	1,070	84,823	1,511,980	17.7
70-71	0.013580	84,288	1,145	83,716	1,427,157	16.9
71-72	0.014778	83,144	1,229	82,529	1,343,442	16.2
72-73	0.016190	81,915	1,326	81,252	1,260,912	15.4
73-74	0.017879	80,589	1,441	79,868	1,179,661	14.6
74-75	0.019894	79,148	1,575	78,361	1,099,792	13.9
75-76	0.022206	77,573	1,723	76,712	1,021,432	13.2
76-77	0.024830	75,851	1,883	74,909	944,720	12.5
77-78	0.027876	73,967	2,062	72,936	869,811	11.8
78-79	0.031440	71,905	2,261	70,775	796,874	11.1
79-80	0.035514	69,645	2,473	68,408	726,099	10.4
80-81	0.040051	67,171	2,690	65,826	657,691	9.8
81-82	0.045112	64,481	2,909	63,027	591,865	9.2
82-83	0.051272	61,572	3,157	59,994	528,838	8.6
83-84	0.057967	58,415	3,386	56,722	468,845	8.0
84-85	0.065443	55,029	3,601	53,228	412,123	7.5
85-86	0.073766	51,428	3,794	49,531	358,894	7.0
86-87	0.083001	47,634	3,954	45,657	309,363	6.5
87-88	0.093211	43,681	4,072	41,645	263,706	6.0
88-89	0.104452	39,609	4,137	37,540	222,061	5.6
89-90	0.116773	35,472	4,142	33,401	184,520	5.2
90-91	0.130210	31,330	4,079	29,290	151,120	4.8
91-92	0.144787	27,250	3,945	25,277	121,830	4.5
92-93	0.160507	23,305	3,741	21,434	96,552	4.1
93-94	0.177354	19,564	3,470	17,829	75,118	3.8
94-95	0.195287	16,094	3,143	14,523	57,289	3.6
95-96	0.214239	12,951	2,775	11,564	42,766	3.3
96-97	0.234117	10,177	2,383	8,985	31,202	3.1
97-98	0.254801	7,794	1,986	6,801	22,216	2.9
98-99	0.276145	5,808	1,604	5,006	15,415	2.7
99-100	0.297984	4,204	1,253	3,578	10,409	2.5
100 and over	1.000000	2,951	2,951	6,831	6,831	2.3

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