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Table CA–2. Life table for males: California, 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	0.004292	100,000	429	99,619	7,532,917	75.3
1–2	0.000298	99,571	30	99,556	7,433,298	74.7
2–3	0.000180	99,541	18	99,532	7,333,742	73.7
3–4	0.000150	99,523	15	99,516	7,234,210	72.7
4–5	0.000101	99,508	10	99,503	7,134,694	71.7
5–6	0.000120	99,498	12	99,492	7,035,191	70.7
6–7	0.000115	99,486	11	99,481	6,935,698	69.7
7–8	0.000105	99,475	10	99,470	6,836,218	68.7
8–9	0.000088	99,464	9	99,460	6,736,748	67.7
9–10	0.000067	99,456	7	99,452	6,637,288	66.7
10–11	0.000051	99,449	5	99,446	6,537,836	65.7
11–12	0.000052	99,444	5	99,441	6,438,390	64.7
12–13	0.000088	99,439	9	99,434	6,338,948	63.7
13–14	0.000166	99,430	16	99,422	6,239,514	62.8
14–15	0.000278	99,413	28	99,400	6,140,092	61.8
15–16	0.000405	99,386	40	99,366	6,040,693	60.8
16–17	0.000537	99,345	53	99,319	5,941,327	59.8
17–18	0.000682	99,292	68	99,258	5,842,008	58.8
18–19	0.000839	99,224	83	99,183	5,742,750	57.9
19–20	0.001005	99,141	100	99,091	5,643,567	56.9
20–21	0.001183	99,042	117	98,983	5,544,476	56.0
21–22	0.001363	98,924	135	98,857	5,445,493	55.0
22–23	0.001521	98,790	150	98,715	5,346,636	54.1
23–24	0.001643	98,639	162	98,558	5,247,921	53.2
24–25	0.001734	98,477	171	98,392	5,149,363	52.3
25–26	0.001813	98,307	178	98,217	5,050,971	51.4
26–27	0.001891	98,128	186	98,036	4,952,753	50.5
27–28	0.001964	97,943	192	97,847	4,854,718	49.6
28–29	0.002034	97,750	199	97,651	4,756,871	48.7
29–30	0.002104	97,552	205	97,449	4,659,220	47.8
30–31	0.002169	97,346	211	97,241	4,561,771	46.9
31–32	0.002232	97,135	217	97,027	4,464,530	46.0
32–33	0.002271	96,918	220	96,808	4,367,503	45.1
33–34	0.002383	96,698	230	96,583	4,270,695	44.2
34–35	0.002475	96,468	239	96,349	4,174,111	43.3
35–36	0.002578	96,229	248	96,105	4,077,763	42.4
36–37	0.002687	95,981	258	95,852	3,981,658	41.5
37–38	0.002798	95,723	268	95,589	3,885,806	40.6
38–39	0.002909	95,455	278	95,317	3,790,216	39.7
39–40	0.003022	95,178	288	95,034	3,694,900	38.8
40–41	0.003156	94,890	299	94,740	3,599,866	37.9
41–42	0.003310	94,591	313	94,434	3,505,126	37.1
42–43	0.003472	94,278	327	94,114	3,410,691	36.2
43–44	0.003639	93,950	342	93,779	3,316,578	35.3
44–45	0.003820	93,608	358	93,430	3,222,798	34.4

Table CA-2. Life table for males: California, 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	0.004025	93,251	375	93,063	3,129,369	33.6
46-47	0.004272	92,875	397	92,677	3,036,306	32.7
47-48	0.004570	92,479	423	92,267	2,943,629	31.8
48-49	0.004922	92,056	453	91,829	2,851,361	31.0
49-50	0.005314	91,603	487	91,359	2,759,532	30.1
50-51	0.005722	91,116	521	90,855	2,668,172	29.3
51-52	0.006152	90,595	557	90,316	2,577,317	28.4
52-53	0.006638	90,037	598	89,739	2,487,001	27.6
53-54	0.007198	89,440	644	89,118	2,397,262	26.8
54-55	0.007830	88,796	695	88,448	2,308,144	26.0
55-56	0.008493	88,101	748	87,727	2,219,696	25.2
56-57	0.009181	87,352	802	86,951	2,131,969	24.4
57-58	0.009939	86,551	860	86,120	2,045,018	23.6
58-59	0.010772	85,690	923	85,229	1,958,898	22.9
59-60	0.011659	84,767	988	84,273	1,873,669	22.1
60-61	0.012597	83,779	1,055	83,251	1,789,396	21.4
61-62	0.013546	82,723	1,121	82,163	1,706,145	20.6
62-63	0.014468	81,603	1,181	81,013	1,623,981	19.9
63-64	0.015357	80,422	1,235	79,805	1,542,969	19.2
64-65	0.016252	79,187	1,287	78,544	1,463,164	18.5
65-66	0.017212	77,900	1,341	77,230	1,384,620	17.8
66-67	0.018570	76,559	1,422	75,849	1,307,390	17.1
67-68	0.019893	75,138	1,495	74,390	1,231,542	16.4
68-69	0.021209	73,643	1,562	72,862	1,157,151	15.7
69-70	0.022544	72,081	1,625	71,269	1,084,289	15.0
70-71	0.023933	70,456	1,686	69,613	1,013,020	14.4
71-72	0.025500	68,770	1,754	67,893	943,407	13.7
72-73	0.027356	67,016	1,833	66,100	875,514	13.1
73-74	0.029614	65,183	1,930	64,218	809,415	12.4
74-75	0.032339	63,253	2,045	62,230	745,197	11.8
75-76	0.035549	61,207	2,176	60,119	682,967	11.2
76-77	0.039217	59,031	2,315	57,874	622,848	10.6
77-78	0.043333	56,716	2,458	55,487	564,974	10.0
78-79	0.047836	54,259	2,596	52,961	509,487	9.4
79-80	0.052730	51,663	2,724	50,301	456,526	8.8
80-81	0.058103	48,939	2,843	47,517	406,225	8.3
81-82	0.064166	46,095	2,958	44,616	358,708	7.8
82-83	0.071070	43,138	3,066	41,605	314,091	7.3
83-84	0.078906	40,072	3,162	38,491	272,487	6.8
84-85	0.087757	36,910	3,239	35,290	233,996	6.3
85-86	0.097953	33,671	3,298	32,022	198,705	5.9
86-87	0.110492	30,373	3,356	28,695	166,684	5.5
87-88	0.122584	27,017	3,312	25,361	137,989	5.1
88-89	0.135677	23,705	3,216	22,097	112,628	4.8
89-90	0.149782	20,489	3,069	18,954	90,531	4.4

Table CA-2. Life table for males: California, 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	0.164900	17,420	2,873	15,984	71,577	4.1
91-92	0.181008	14,547	2,633	13,231	55,593	3.8
92-93	0.198069	11,914	2,360	10,734	42,363	3.6
93-94	0.216023	9,554	2,064	8,522	31,628	3.3
94-95	0.234788	7,490	1,759	6,611	23,106	3.1
95-96	0.254265	5,732	1,457	5,003	16,495	2.9
96-97	0.274330	4,274	1,173	3,688	11,492	2.7
97-98	0.294847	3,102	915	2,644	7,804	2.5
98-99	0.315664	2,187	690	1,842	5,159	2.4
99-100	0.336620	1,497	504	1,245	3,317	2.2
100 and older	1.000000	993	993	2,073	2,073	2.1

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

Table CA-3. Life table for females: California, 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	0.003802	100,000	380	99,659	8,141,783	81.4
1-2	0.000264	99,620	26	99,607	8,042,125	80.7
2-3	0.000147	99,593	15	99,586	7,942,518	79.7
3-4	0.000122	99,579	12	99,573	7,842,932	78.8
4-5	0.000110	99,567	11	99,561	7,743,359	77.8
5-6	0.000084	99,556	8	99,552	7,643,798	76.8
6-7	0.000075	99,547	7	99,544	7,544,246	75.8
7-8	0.000071	99,540	7	99,536	7,444,703	74.8
8-9	0.000071	99,533	7	99,529	7,345,166	73.8
9-10	0.000075	99,526	7	99,522	7,245,637	72.8
10-11	0.000082	99,518	8	99,514	7,146,115	71.8
11-12	0.000096	99,510	10	99,505	7,046,601	70.8
12-13	0.000116	99,501	12	99,495	6,947,095	69.8
13-14	0.000143	99,489	14	99,482	6,847,601	68.8
14-15	0.000177	99,475	18	99,466	6,748,119	67.8
15-16	0.000215	99,457	21	99,447	6,648,653	66.8
16-17	0.000254	99,436	25	99,423	6,549,206	65.9
17-18	0.000295	99,411	29	99,396	6,449,783	64.9
18-19	0.000336	99,381	33	99,365	6,350,387	63.9
19-20	0.000378	99,348	38	99,329	6,251,022	62.9
20-21	0.000423	99,310	42	99,289	6,151,693	61.9
21-22	0.000470	99,268	47	99,245	6,052,403	61.0
22-23	0.000512	99,222	51	99,196	5,953,158	60.0
23-24	0.000545	99,171	54	99,144	5,853,962	59.0
24-25	0.000570	99,117	57	99,089	5,754,818	58.1
25-26	0.000593	99,060	59	99,031	5,655,730	57.1
26-27	0.000619	99,002	61	98,971	5,556,699	56.1
27-28	0.000648	98,940	64	98,908	5,457,728	55.2
28-29	0.000682	98,876	67	98,842	5,358,819	54.2
29-30	0.000722	98,809	71	98,773	5,259,977	53.2
30-31	0.000763	98,737	75	98,700	5,161,204	52.3
31-32	0.000806	98,662	80	98,622	5,062,504	51.3
32-33	0.000842	98,582	83	98,541	4,963,882	50.4
33-34	0.000908	98,499	89	98,455	4,865,341	49.4
34-35	0.000971	98,410	96	98,362	4,766,886	48.4
35-36	0.001040	98,314	102	98,263	4,668,524	47.5
36-37	0.001117	98,212	110	98,157	4,570,261	46.5
37-38	0.001200	98,102	118	98,044	4,472,104	45.6
38-39	0.001288	97,985	126	97,922	4,374,060	44.6
39-40	0.001381	97,859	135	97,791	4,276,138	43.7
40-41	0.001487	97,723	145	97,651	4,178,347	42.8
41-42	0.001602	97,578	156	97,500	4,080,696	41.8
42-43	0.001716	97,422	167	97,338	3,983,196	40.9
43-44	0.001825	97,255	177	97,166	3,885,858	40.0
44-45	0.001935	97,077	188	96,983	3,788,693	39.0

Table CA-3. Life table for females: California, 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	0.002055	96,889	199	96,790	3,691,709	38.1
46-47	0.002195	96,690	212	96,584	3,594,920	37.2
47-48	0.002360	96,478	228	96,364	3,498,336	36.3
48-49	0.002549	96,250	245	96,127	3,401,972	35.3
49-50	0.002760	96,005	265	95,872	3,305,844	34.4
50-51	0.002990	95,740	286	95,597	3,209,972	33.5
51-52	0.003235	95,454	309	95,299	3,114,375	32.6
52-53	0.003491	95,145	332	94,979	3,019,076	31.7
53-54	0.003760	94,813	356	94,634	2,924,098	30.8
54-55	0.004051	94,456	383	94,265	2,829,463	30.0
55-56	0.004343	94,073	409	93,869	2,735,198	29.1
56-57	0.004670	93,665	437	93,446	2,641,329	28.2
57-58	0.005096	93,228	475	92,990	2,547,883	27.3
58-59	0.005647	92,752	524	92,491	2,454,893	26.5
59-60	0.006289	92,229	580	91,939	2,362,402	25.6
60-61	0.006999	91,649	641	91,328	2,270,464	24.8
61-62	0.007702	91,007	701	90,657	2,179,136	23.9
62-63	0.008334	90,306	753	89,930	2,088,479	23.1
63-64	0.008859	89,554	793	89,157	1,998,549	22.3
64-65	0.009327	88,760	828	88,346	1,909,392	21.5
65-66	0.009798	87,932	862	87,502	1,821,046	20.7
66-67	0.010502	87,071	914	86,614	1,733,544	19.9
67-68	0.011311	86,156	975	85,669	1,646,930	19.1
68-69	0.012291	85,182	1,047	84,658	1,561,261	18.3
69-70	0.013415	84,135	1,129	83,571	1,476,603	17.6
70-71	0.014638	83,006	1,215	82,399	1,393,032	16.8
71-72	0.015955	81,791	1,305	81,139	1,310,633	16.0
72-73	0.017418	80,486	1,402	79,785	1,229,495	15.3
73-74	0.019091	79,084	1,510	78,329	1,149,709	14.5
74-75	0.021050	77,575	1,633	76,758	1,071,380	13.8
75-76	0.023311	75,942	1,770	75,057	994,622	13.1
76-77	0.025931	74,171	1,923	73,210	919,565	12.4
77-78	0.029020	72,248	2,097	71,200	846,356	11.7
78-79	0.032640	70,151	2,290	69,007	775,156	11.0
79-80	0.036718	67,862	2,492	66,616	706,149	10.4
80-81	0.041179	65,370	2,692	64,024	639,534	9.8
81-82	0.046065	62,678	2,887	61,234	575,510	9.2
82-83	0.051489	59,791	3,079	58,251	514,275	8.6
83-84	0.057603	56,712	3,267	55,079	456,024	8.0
84-85	0.064617	53,445	3,453	51,719	400,945	7.5
85-86	0.073011	49,992	3,650	48,167	349,226	7.0
86-87	0.082202	46,342	3,809	44,437	301,059	6.5
87-88	0.092521	42,533	3,935	40,565	256,622	6.0
88-89	0.103904	38,597	4,010	36,592	216,057	5.6
89-90	0.116405	34,587	4,026	32,574	179,465	5.2

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.130061	30,561	3,975	28,573	146,891	4.8
91-92	0.144898	26,586	3,852	24,660	118,318	4.5
92-93	0.160920	22,734	3,658	20,905	93,658	4.1
93-94	0.178109	19,075	3,398	17,377	72,753	3.8
94-95	0.196421	15,678	3,079	14,138	55,376	3.5
95-96	0.215784	12,598	2,719	11,239	41,238	3.3
96-97	0.236098	9,880	2,333	8,714	29,999	3.0
97-98	0.257232	7,547	1,941	6,577	21,285	2.8
98-99	0.279033	5,606	1,564	4,824	14,709	2.6
99-100	0.301321	4,042	1,218	3,433	9,885	2.4
100 and older	1.000000	2,824	2,824	6,452	6,452	2.3

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