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Table CO-2. Life table for males: Colorado, 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	0.004879	100,000	488	99,590	7,784,596	77.8
1-2	0.000269	99,512	27	99,499	7,685,006	77.2
2-3	0.000059	99,485	6	99,482	7,585,507	76.2
3-4	0.000058	99,479	6	99,477	7,486,025	75.3
4-5	0.000058	99,474	6	99,471	7,386,548	74.3
5-6	0.000090	99,468	9	99,463	7,287,078	73.3
6-7	0.000112	99,459	11	99,453	7,187,614	72.3
7-8	0.000122	99,448	12	99,442	7,088,161	71.3
8-9	0.000115	99,436	11	99,430	6,988,719	70.3
9-10	0.000096	99,424	10	99,419	6,889,289	69.3
10-11	0.000078	99,415	8	99,411	6,789,870	68.3
11-12	0.000080	99,407	8	99,403	6,690,459	67.3
12-13	0.000125	99,399	12	99,393	6,591,056	66.3
13-14	0.000228	99,387	23	99,375	6,491,663	65.3
14-15	0.000373	99,364	37	99,345	6,392,288	64.3
15-16	0.000536	99,327	53	99,300	6,292,942	63.4
16-17	0.000692	99,274	69	99,239	6,193,642	62.4
17-18	0.000841	99,205	83	99,163	6,094,403	61.4
18-19	0.000975	99,122	97	99,073	5,995,239	60.5
19-20	0.001095	99,025	108	98,971	5,896,166	59.5
20-21	0.001216	98,916	120	98,856	5,797,195	58.6
21-22	0.001336	98,796	132	98,730	5,698,339	57.7
22-23	0.001428	98,664	141	98,594	5,599,609	56.8
23-24	0.001482	98,523	146	98,450	5,501,015	55.8
24-25	0.001507	98,377	148	98,303	5,402,565	54.9
25-26	0.001520	98,229	149	98,154	5,304,262	54.0
26-27	0.001534	98,080	150	98,005	5,206,107	53.1
27-28	0.001552	97,929	152	97,853	5,108,103	52.2
28-29	0.001580	97,777	155	97,700	5,010,249	51.2
29-30	0.001617	97,623	158	97,544	4,912,549	50.3
30-31	0.001655	97,465	161	97,384	4,815,005	49.4
31-32	0.001692	97,304	165	97,221	4,717,621	48.5
32-33	0.001691	97,139	164	97,057	4,620,400	47.6
33-34	0.001784	96,975	173	96,888	4,523,343	46.6
34-35	0.001840	96,802	178	96,713	4,426,454	45.7
35-36	0.001903	96,624	184	96,532	4,329,742	44.8
36-37	0.001971	96,440	190	96,345	4,233,210	43.9
37-38	0.002036	96,250	196	96,152	4,136,865	43.0
38-39	0.002098	96,054	201	95,953	4,040,713	42.1
39-40	0.002160	95,852	207	95,749	3,944,760	41.2
40-41	0.002236	95,645	214	95,538	3,849,011	40.2
41-42	0.002330	95,431	222	95,320	3,753,473	39.3
42-43	0.002438	95,209	232	95,093	3,658,153	38.4
43-44	0.002554	94,977	243	94,856	3,563,060	37.5
44-45	0.002679	94,734	254	94,608	3,468,204	36.6
45-46	0.002820	94,481	266	94,347	3,373,597	35.7
46-47	0.002985	94,214	281	94,074	3,279,249	34.8
47-48	0.003177	93,933	298	93,784	3,185,176	33.9
48-49	0.003413	93,634	320	93,475	3,091,392	33.0
49-50	0.003701	93,315	345	93,142	2,997,917	32.1
50-51	0.004027	92,970	374	92,782	2,904,775	31.2
51-52	0.004401	92,595	407	92,391	2,811,993	30.4
52-53	0.004847	92,188	447	91,964	2,719,602	29.5

Table CO-2. Life table for males: Colorado, 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	0.005353	91,741	491	91,495	2,627,637	28.6
54-55	0.005885	91,250	537	90,981	2,536,142	27.8
55-56	0.006412	90,713	582	90,422	2,445,161	27.0
56-57	0.006939	90,131	625	89,818	2,354,739	26.1
57-58	0.007488	89,506	670	89,171	2,264,921	25.3
58-59	0.008078	88,835	718	88,477	2,175,750	24.5
59-60	0.008714	88,118	768	87,734	2,087,273	23.7
60-61	0.009376	87,350	819	86,940	1,999,540	22.9
61-62	0.010047	86,531	869	86,096	1,912,599	22.1
62-63	0.010738	85,662	920	85,202	1,826,503	21.3
63-64	0.011453	84,742	971	84,256	1,741,301	20.5
64-65	0.012201	83,771	1,022	83,260	1,657,045	19.8
65-66	0.013024	82,749	1,078	82,210	1,573,785	19.0
66-67	0.014166	81,671	1,157	81,093	1,491,574	18.3
67-68	0.015147	80,514	1,220	79,905	1,410,481	17.5
68-69	0.016012	79,295	1,270	78,660	1,330,577	16.8
69-70	0.016860	78,025	1,316	77,367	1,251,917	16.0
70-71	0.017778	76,710	1,364	76,028	1,174,549	15.3
71-72	0.018915	75,346	1,425	74,633	1,098,521	14.6
72-73	0.020391	73,921	1,507	73,167	1,023,888	13.9
73-74	0.022343	72,414	1,618	71,605	950,720	13.1
74-75	0.024823	70,796	1,757	69,917	879,116	12.4
75-76	0.027824	69,038	1,921	68,078	809,199	11.7
76-77	0.031317	67,117	2,102	66,066	741,121	11.0
77-78	0.035379	65,015	2,300	63,865	675,055	10.4
78-79	0.040086	62,715	2,514	61,458	611,189	9.7
79-80	0.044460	60,201	2,677	58,863	549,731	9.1
80-81	0.050564	57,525	2,909	56,070	490,868	8.5
81-82	0.057428	54,616	3,137	53,048	434,797	8.0
82-83	0.065126	51,480	3,353	49,803	381,750	7.4
83-84	0.073731	48,127	3,548	46,353	331,947	6.9
84-85	0.083315	44,578	3,714	42,721	285,594	6.4
85-86	0.093948	40,864	3,839	38,945	242,872	5.9
86-87	0.105691	37,025	3,913	35,069	203,928	5.5
87-88	0.118599	33,112	3,927	31,148	168,859	5.1
88-89	0.132710	29,185	3,873	27,248	137,711	4.7
89-90	0.148047	25,312	3,747	23,438	110,462	4.4
90-91	0.164609	21,564	3,550	19,790	87,024	4.0
91-92	0.182373	18,015	3,285	16,372	67,234	3.7
92-93	0.201285	14,729	2,965	13,247	50,862	3.5
93-94	0.221263	11,765	2,603	10,463	37,615	3.2
94-95	0.242191	9,161	2,219	8,052	27,152	3.0
95-96	0.263926	6,943	1,832	6,026	19,100	2.8
96-97	0.286296	5,110	1,463	4,379	13,074	2.6
97-98	0.309107	3,647	1,127	3,084	8,695	2.4
98-99	0.332148	2,520	837	2,101	5,611	2.2
99-100	0.355200	1,683	598	1,384	3,510	2.1
100 and over	1.000000	1,085	1,085	2,126	2,126	2.0

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

Table CO-3. Life table for females: Colorado, 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	0.004855	100,000	486	99,580	8,217,601	82.2
1-2	0.000278	99,514	28	99,501	8,118,021	81.6
2-3	0.000061	99,487	6	99,484	8,018,521	80.6
3-4	0.000091	99,481	9	99,476	7,919,037	79.6
4-5	0.000121	99,472	12	99,466	7,819,561	78.6
5-6	0.000106	99,460	11	99,454	7,720,095	77.6
6-7	0.000117	99,449	12	99,443	7,620,641	76.6
7-8	0.000126	99,437	13	99,431	7,521,197	75.6
8-9	0.000133	99,425	13	99,418	7,421,766	74.6
9-10	0.000137	99,412	14	99,405	7,322,348	73.7
10-11	0.000142	99,398	14	99,391	7,222,943	72.7
11-12	0.000151	99,384	15	99,376	7,123,552	71.7
12-13	0.000169	99,369	17	99,361	7,024,176	70.7
13-14	0.000199	99,352	20	99,342	6,924,815	69.7
14-15	0.000239	99,332	24	99,320	6,825,473	68.7
15-16	0.000283	99,309	28	99,295	6,726,152	67.7
16-17	0.000326	99,280	32	99,264	6,626,858	66.7
17-18	0.000363	99,248	36	99,230	6,527,593	65.8
18-19	0.000392	99,212	39	99,193	6,428,363	64.8
19-20	0.000414	99,173	41	99,153	6,329,171	63.8
20-21	0.000437	99,132	43	99,110	6,230,018	62.8
21-22	0.000464	99,089	46	99,066	6,130,908	61.9
22-23	0.000490	99,043	49	99,019	6,031,842	60.9
23-24	0.000514	98,994	51	98,969	5,932,823	59.9
24-25	0.000536	98,943	53	98,917	5,833,854	59.0
25-26	0.000555	98,890	55	98,863	5,734,937	58.0
26-27	0.000575	98,836	57	98,807	5,636,074	57.0
27-28	0.000599	98,779	59	98,749	5,537,267	56.1
28-29	0.000630	98,719	62	98,688	5,438,518	55.1
29-30	0.000667	98,657	66	98,624	5,339,830	54.1
30-31	0.000705	98,592	70	98,557	5,241,205	53.2
31-32	0.000746	98,522	73	98,485	5,142,649	52.2
32-33	0.000777	98,449	76	98,410	5,044,163	51.2
33-34	0.000860	98,372	85	98,330	4,945,753	50.3
34-35	0.000931	98,287	91	98,242	4,847,423	49.3
35-36	0.001014	98,196	100	98,146	4,749,182	48.4
36-37	0.001094	98,096	107	98,043	4,651,035	47.4
37-38	0.001153	97,989	113	97,933	4,552,993	46.5
38-39	0.001178	97,876	115	97,818	4,455,060	45.5
39-40	0.001183	97,761	116	97,703	4,357,242	44.6
40-41	0.001179	97,645	115	97,588	4,259,539	43.6
41-42	0.001194	97,530	116	97,472	4,161,951	42.7
42-43	0.001250	97,414	122	97,353	4,064,479	41.7
43-44	0.001363	97,292	133	97,226	3,967,126	40.8
44-45	0.001517	97,159	147	97,086	3,869,901	39.8
45-46	0.001700	97,012	165	96,929	3,772,815	38.9
46-47	0.001881	96,847	182	96,756	3,675,886	38.0
47-48	0.002037	96,665	197	96,566	3,579,130	37.0
48-49	0.002154	96,468	208	96,364	3,482,564	36.1
49-50	0.002257	96,260	217	96,151	3,386,200	35.2
50-51	0.002355	96,043	226	95,930	3,290,049	34.3
51-52	0.002498	95,816	239	95,697	3,194,119	33.3
52-53	0.002735	95,577	261	95,446	3,098,422	32.4

Table CO-3. Life table for females: Colorado, 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	0.003081	95,316	294	95,169	3,002,976	31.5
54-55	0.003488	95,022	331	94,856	2,907,807	30.6
55-56	0.003902	94,691	369	94,506	2,812,950	29.7
56-57	0.004285	94,321	404	94,119	2,718,445	28.8
57-58	0.004639	93,917	436	93,699	2,624,326	27.9
58-59	0.004965	93,481	464	93,249	2,530,626	27.1
59-60	0.005283	93,017	491	92,771	2,437,377	26.2
60-61	0.005629	92,526	521	92,265	2,344,606	25.3
61-62	0.006003	92,005	552	91,729	2,252,340	24.5
62-63	0.006376	91,453	583	91,161	2,160,612	23.6
63-64	0.006741	90,869	613	90,563	2,069,451	22.8
64-65	0.007123	90,257	643	89,935	1,978,887	21.9
65-66	0.007515	89,614	673	89,277	1,888,952	21.1
66-67	0.008111	88,941	721	88,580	1,799,675	20.2
67-68	0.008826	88,219	779	87,830	1,711,095	19.4
68-69	0.009761	87,441	853	87,014	1,623,265	18.6
69-70	0.010920	86,587	946	86,114	1,536,251	17.7
70-71	0.012285	85,642	1,052	85,115	1,450,137	16.9
71-72	0.013807	84,589	1,168	84,005	1,365,022	16.1
72-73	0.015471	83,421	1,291	82,776	1,281,016	15.4
73-74	0.017259	82,131	1,418	81,422	1,198,240	14.6
74-75	0.019285	80,713	1,557	79,935	1,116,818	13.8
75-76	0.021640	79,157	1,713	78,300	1,036,883	13.1
76-77	0.024406	77,444	1,890	76,499	958,582	12.4
77-78	0.027630	75,554	2,088	74,510	882,084	11.7
78-79	0.031335	73,466	2,302	72,315	807,574	11.0
79-80	0.035528	71,164	2,528	69,900	735,258	10.3
80-81	0.040145	68,636	2,755	67,258	665,358	9.7
81-82	0.045136	65,880	2,974	64,394	598,100	9.1
82-83	0.050661	62,907	3,187	61,313	533,707	8.5
83-84	0.056838	59,720	3,394	58,023	472,393	7.9
84-85	0.064033	56,325	3,607	54,522	414,371	7.4
85-86	0.072944	52,719	3,846	50,796	359,849	6.8
86-87	0.081857	48,873	4,001	46,873	309,053	6.3
87-88	0.093174	44,873	4,181	42,782	262,180	5.8
88-89	0.105774	40,692	4,304	38,540	219,397	5.4
89-90	0.119721	36,388	4,356	34,209	180,858	5.0
90-91	0.135065	32,031	4,326	29,868	146,648	4.6
91-92	0.151829	27,705	4,206	25,602	116,780	4.2
92-93	0.170008	23,499	3,995	21,501	91,179	3.9
93-94	0.189563	19,504	3,697	17,655	69,678	3.6
94-95	0.210414	15,806	3,326	14,143	52,023	3.3
95-96	0.232441	12,481	2,901	11,030	37,879	3.0
96-97	0.255483	9,580	2,447	8,356	26,849	2.8
97-98	0.279339	7,132	1,992	6,136	18,493	2.6
98-99	0.303778	5,140	1,561	4,359	12,357	2.4
99-100	0.328541	3,578	1,176	2,991	7,998	2.2
100 and over	1.000000	2,403	2,403	5,007	5,007	2.1

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