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Table CO-2. Life table for males: Colorado, 2022

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	0.004932	100,000	493	99,566	7,608,618	76.1
1-2	0.000385	99,507	38	99,488	7,509,052	75.5
2-3	0.000221	99,469	22	99,458	7,409,564	74.5
3-4	0.000093	99,447	9	99,442	7,310,107	73.5
4-5	0.000092	99,437	9	99,433	7,210,665	72.5
5-6	0.000154	99,428	15	99,420	7,111,232	71.5
6-7	0.000176	99,413	18	99,404	7,011,811	70.5
7-8	0.000185	99,395	18	99,386	6,912,407	69.5
8-9	0.000171	99,377	17	99,368	6,813,021	68.6
9-10	0.000141	99,360	14	99,353	6,713,653	67.6
10-11	0.000111	99,346	11	99,340	6,614,300	66.6
11-12	0.000110	99,335	11	99,329	6,514,960	65.6
12-13	0.000167	99,324	17	99,316	6,415,630	64.6
13-14	0.000300	99,307	30	99,292	6,316,315	63.6
14-15	0.000486	99,278	48	99,253	6,217,022	62.6
15-16	0.000692	99,229	69	99,195	6,117,769	61.7
16-17	0.000884	99,161	88	99,117	6,018,574	60.7
17-18	0.001051	99,073	104	99,021	5,919,457	59.7
18-19	0.001178	98,969	117	98,911	5,820,436	58.8
19-20	0.001275	98,852	126	98,789	5,721,525	57.9
20-21	0.001368	98,726	135	98,659	5,622,735	57.0
21-22	0.001468	98,591	145	98,519	5,524,077	56.0
22-23	0.001560	98,447	154	98,370	5,425,558	55.1
23-24	0.001643	98,293	161	98,212	5,327,188	54.2
24-25	0.001719	98,132	169	98,047	5,228,975	53.3
25-26	0.001786	97,963	175	97,875	5,130,928	52.4
26-27	0.001852	97,788	181	97,697	5,033,053	51.5
27-28	0.001932	97,607	189	97,512	4,935,355	50.6
28-29	0.002031	97,418	198	97,319	4,837,843	49.7
29-30	0.002141	97,220	208	97,116	4,740,524	48.8
30-31	0.002253	97,012	219	96,903	4,643,408	47.9
31-32	0.002357	96,794	228	96,679	4,546,505	47.0
32-33	0.002419	96,565	234	96,449	4,449,825	46.1
33-34	0.002532	96,332	244	96,210	4,353,377	45.2
34-35	0.002605	96,088	250	95,963	4,257,167	44.3
35-36	0.002682	95,838	257	95,709	4,161,204	43.4
36-37	0.002763	95,581	264	95,448	4,065,495	42.5
37-38	0.002843	95,316	271	95,181	3,970,047	41.7
38-39	0.002919	95,045	277	94,907	3,874,866	40.8
39-40	0.002995	94,768	284	94,626	3,779,959	39.9
40-41	0.003079	94,484	291	94,339	3,685,333	39.0
41-42	0.003175	94,193	299	94,044	3,590,994	38.1
42-43	0.003277	93,894	308	93,740	3,496,951	37.2

Table CO-2. Life table for males: Colorado, 2022

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
43-44	0.003389	93,586	317	93,428	3,403,211	36.4
44-45	0.003516	93,269	328	93,105	3,309,783	35.5
45-46	0.003670	92,941	341	92,771	3,216,678	34.6
46-47	0.003856	92,600	357	92,422	3,123,907	33.7
47-48	0.004068	92,243	375	92,055	3,031,485	32.9
48-49	0.004297	91,868	395	91,670	2,939,430	32.0
49-50	0.004541	91,473	415	91,265	2,847,760	31.1
50-51	0.004794	91,058	437	90,839	2,756,494	30.3
51-52	0.005081	90,621	460	90,391	2,665,655	29.4
52-53	0.005438	90,161	490	89,915	2,575,264	28.6
53-54	0.005902	89,670	529	89,406	2,485,349	27.7
54-55	0.006475	89,141	577	88,852	2,395,943	26.9
55-56	0.007122	88,564	631	88,248	2,307,091	26.1
56-57	0.007814	87,933	687	87,589	2,218,842	25.2
57-58	0.008549	87,246	746	86,873	2,131,253	24.4
58-59	0.009276	86,500	802	86,099	2,044,380	23.6
59-60	0.009968	85,698	854	85,271	1,958,281	22.9
60-61	0.010647	84,843	903	84,392	1,873,010	22.1
61-62	0.011335	83,940	951	83,464	1,788,619	21.3
62-63	0.012033	82,989	999	82,489	1,705,154	20.5
63-64	0.012778	81,990	1,048	81,466	1,622,665	19.8
64-65	0.013596	80,942	1,100	80,392	1,541,199	19.0
65-66	0.014475	79,842	1,156	79,264	1,460,807	18.3
66-67	0.015747	78,686	1,239	78,067	1,381,543	17.6
67-68	0.016943	77,447	1,312	76,791	1,303,476	16.8
68-69	0.018114	76,135	1,379	75,445	1,226,685	16.1
69-70	0.019312	74,756	1,444	74,034	1,151,240	15.4
70-71	0.020603	73,312	1,510	72,557	1,077,206	14.7
71-72	0.022085	71,802	1,586	71,009	1,004,649	14.0
72-73	0.023811	70,216	1,672	69,380	933,640	13.3
73-74	0.025816	68,544	1,770	67,659	864,260	12.6
74-75	0.028168	66,775	1,881	65,834	796,601	11.9
75-76	0.030945	64,894	2,008	63,890	730,766	11.3
76-77	0.034261	62,885	2,155	61,808	666,877	10.6
77-78	0.038250	60,731	2,323	59,569	605,069	10.0
78-79	0.042984	58,408	2,511	57,153	545,499	9.3
79-80	0.048451	55,897	2,708	54,543	488,347	8.7
80-81	0.054615	53,189	2,905	51,737	433,803	8.2
81-82	0.061449	50,284	3,090	48,739	382,067	7.6
82-83	0.069066	47,194	3,260	45,565	333,327	7.1
83-84	0.077716	43,935	3,414	42,228	287,763	6.5
84-85	0.087781	40,520	3,557	38,742	245,535	6.1
85-86	0.099725	36,963	3,686	35,120	206,793	5.6

Table CO-2. Life table for males: Colorado, 2022

	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
86–87	0.110192	33,277	3,667	31,444	171,673	5.2
87–88	0.125564	29,610	3,718	27,751	140,229	4.7
88–89	0.142532	25,892	3,690	24,047	112,478	4.3
89–90	0.161110	22,202	3,577	20,413	88,431	4.0
90–91	0.181273	18,625	3,376	16,937	68,017	3.7
91–92	0.202945	15,249	3,095	13,701	51,080	3.3
92–93	0.226002	12,154	2,747	10,781	37,379	3.1
93–94	0.250265	9,407	2,354	8,230	26,598	2.8
94–95	0.275505	7,053	1,943	6,081	18,368	2.6
95–96	0.301447	5,110	1,540	4,340	12,287	2.4
96–97	0.327784	3,569	1,170	2,984	7,947	2.2
97–98	0.354192	2,399	850	1,975	4,963	2.1
98–99	0.380339	1,550	589	1,255	2,988	1.9
99–100	0.405909	960	390	765	1,733	1.8
100 and older	1.000000	570	570	968	968	1.7

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

Table CO-3. Life table for females: Colorado, 2022

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	0.004211	100,000	421	99,615	8,098,953	81.0
1–2	0.000304	99,579	30	99,564	7,999,338	80.3
2–3	0.000265	99,549	26	99,535	7,899,774	79.4
3–4	0.000227	99,522	23	99,511	7,800,239	78.4
4–5	0.000160	99,500	16	99,492	7,700,728	77.4
5–6	0.000107	99,484	11	99,478	7,601,236	76.4
6–7	0.000084	99,473	8	99,469	7,501,758	75.4
7–8	0.000077	99,465	8	99,461	7,402,289	74.4
8–9	0.000086	99,457	9	99,453	7,302,828	73.4
9–10	0.000107	99,449	11	99,443	7,203,375	72.4
10–11	0.000140	99,438	14	99,431	7,103,932	71.4
11–12	0.000178	99,424	18	99,415	7,004,501	70.5
12–13	0.000220	99,406	22	99,395	6,905,086	69.5
13–14	0.000262	99,384	26	99,371	6,805,690	68.5
14–15	0.000304	99,358	30	99,343	6,706,319	67.5
15–16	0.000351	99,328	35	99,311	6,606,975	66.5
16–17	0.000400	99,293	40	99,274	6,507,664	65.5
17–18	0.000445	99,254	44	99,232	6,408,391	64.6
18–19	0.000481	99,210	48	99,186	6,309,159	63.6
19–20	0.000512	99,162	51	99,136	6,209,974	62.6
20–21	0.000542	99,111	54	99,084	6,110,837	61.7
21–22	0.000576	99,057	57	99,029	6,011,753	60.7
22–23	0.000616	99,000	61	98,970	5,912,724	59.7
23–24	0.000663	98,939	66	98,907	5,813,754	58.8
24–25	0.000716	98,874	71	98,838	5,714,848	57.8
25–26	0.000767	98,803	76	98,765	5,616,009	56.8
26–27	0.000816	98,727	81	98,687	5,517,244	55.9
27–28	0.000867	98,647	86	98,604	5,418,557	54.9
28–29	0.000920	98,561	91	98,516	5,319,954	54.0
29–30	0.000974	98,470	96	98,422	5,221,438	53.0
30–31	0.001029	98,375	101	98,324	5,123,015	52.1
31–32	0.001082	98,273	106	98,220	5,024,692	51.1
32–33	0.001113	98,167	109	98,112	4,926,471	50.2
33–34	0.001161	98,058	114	98,001	4,828,359	49.2
34–35	0.001190	97,944	117	97,886	4,730,358	48.3
35–36	0.001221	97,827	119	97,768	4,632,473	47.4
36–37	0.001259	97,708	123	97,646	4,534,705	46.4
37–38	0.001303	97,585	127	97,521	4,437,059	45.5
38–39	0.001356	97,458	132	97,391	4,339,538	44.5
39–40	0.001417	97,325	138	97,256	4,242,146	43.6
40–41	0.001483	97,187	144	97,115	4,144,890	42.6
41–42	0.001556	97,043	151	96,968	4,047,774	41.7
42–43	0.001648	96,892	160	96,812	3,950,806	40.8

Table CO-3. Life table for females: Colorado, 2022

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
43-44	0.001766	96,733	171	96,647	3,853,994	39.8
44-45	0.001910	96,562	184	96,470	3,757,347	38.9
45-46	0.002090	96,377	201	96,277	3,660,877	38.0
46-47	0.002286	96,176	220	96,066	3,564,600	37.1
47-48	0.002455	95,956	236	95,838	3,468,534	36.1
48-49	0.002569	95,721	246	95,598	3,372,696	35.2
49-50	0.002649	95,475	253	95,348	3,277,098	34.3
50-51	0.002712	95,222	258	95,093	3,181,750	33.4
51-52	0.002820	94,964	268	94,830	3,086,658	32.5
52-53	0.003025	94,696	286	94,552	2,991,828	31.6
53-54	0.003369	94,409	318	94,250	2,897,275	30.7
54-55	0.003824	94,091	360	93,911	2,803,025	29.8
55-56	0.004359	93,731	409	93,527	2,709,114	28.9
56-57	0.004891	93,323	456	93,095	2,615,587	28.0
57-58	0.005351	92,866	497	92,618	2,522,492	27.2
58-59	0.005676	92,369	524	92,107	2,429,874	26.3
59-60	0.005909	91,845	543	91,574	2,337,767	25.5
60-61	0.006102	91,302	557	91,024	2,246,193	24.6
61-62	0.006367	90,745	578	90,456	2,155,169	23.7
62-63	0.006786	90,168	612	89,862	2,064,713	22.9
63-64	0.007433	89,556	666	89,223	1,974,851	22.1
64-65	0.008277	88,890	736	88,522	1,885,628	21.2
65-66	0.009250	88,154	815	87,747	1,797,106	20.4
66-67	0.010432	87,339	911	86,883	1,709,359	19.6
67-68	0.011443	86,428	989	85,933	1,622,476	18.8
68-69	0.012301	85,439	1,051	84,913	1,536,543	18.0
69-70	0.013123	84,388	1,107	83,834	1,451,630	17.2
70-71	0.014018	83,280	1,167	82,697	1,367,796	16.4
71-72	0.015123	82,113	1,242	81,492	1,285,099	15.7
72-73	0.016557	80,871	1,339	80,202	1,203,607	14.9
73-74	0.018437	79,532	1,466	78,799	1,123,406	14.1
74-75	0.020757	78,066	1,620	77,256	1,044,607	13.4
75-76	0.023398	76,445	1,789	75,551	967,351	12.7
76-77	0.026279	74,657	1,962	73,676	891,800	11.9
77-78	0.029536	72,695	2,147	71,621	818,124	11.3
78-79	0.033323	70,548	2,351	69,372	746,503	10.6
79-80	0.037684	68,197	2,570	66,912	677,131	9.9
80-81	0.042595	65,627	2,795	64,229	610,219	9.3
81-82	0.048035	62,832	3,018	61,322	545,990	8.7
82-83	0.054182	59,813	3,241	58,193	484,667	8.1
83-84	0.061324	56,573	3,469	54,838	426,474	7.5
84-85	0.069010	53,103	3,665	51,271	371,636	7.0
85-86	0.078748	49,439	3,893	47,492	320,365	6.5

Table CO-3. Life table for females: Colorado, 2022

	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
86–87	0.089655	45,545	4,083	43,504	272,873	6.0
87–88	0.101811	41,462	4,221	39,351	229,370	5.5
88–89	0.115285	37,241	4,293	35,094	190,018	5.1
89–90	0.130132	32,947	4,288	30,804	154,924	4.7
90–91	0.146383	28,660	4,195	26,562	124,120	4.3
91–92	0.164043	24,465	4,013	22,458	97,558	4.0
92–93	0.183085	20,451	3,744	18,579	75,100	3.7
93–94	0.203441	16,707	3,399	15,008	56,521	3.4
94–95	0.225008	13,308	2,994	11,811	41,513	3.1
95–96	0.247639	10,314	2,554	9,037	29,702	2.9
96–97	0.271149	7,760	2,104	6,708	20,666	2.7
97–98	0.295318	5,656	1,670	4,821	13,958	2.5
98–99	0.319899	3,985	1,275	3,348	9,138	2.3
99–100	0.344627	2,710	934	2,243	5,790	2.1
100 and older	1.000000	1,776	1,776	3,546	3,546	2.0

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