

U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2022):  
**U.S. State Life Tables, 2020**. National Vital Statistics Report Volume 71, Number 2. 18pp. Downloaded  
from: [www.cdc.gov](http://www.cdc.gov) (09.11.2022).

Table CO-2. Life table for males: Colorado, 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	0.004779	100,000	478	99,579	7,580,560	75.8
1-2	0.000430	99,522	43	99,501	7,480,980	75.2
2-3	0.000030	99,479	3	99,478	7,381,480	74.2
3-4	0.000267	99,476	27	99,463	7,282,002	73.2
4-5	0.000088	99,450	9	99,445	7,182,539	72.2
5-6	0.000098	99,441	10	99,436	7,083,093	71.2
6-7	0.000108	99,431	11	99,426	6,983,657	70.2
7-8	0.000113	99,421	11	99,415	6,884,231	69.2
8-9	0.000105	99,409	10	99,404	6,784,816	68.3
9-10	0.000086	99,399	9	99,395	6,685,412	67.3
10-11	0.000072	99,390	7	99,387	6,586,018	66.3
11-12	0.000086	99,383	9	99,379	6,486,631	65.3
12-13	0.000156	99,375	15	99,367	6,387,252	64.3
13-14	0.000297	99,359	30	99,344	6,287,886	63.3
14-15	0.000491	99,330	49	99,305	6,188,541	62.3
15-16	0.000710	99,281	70	99,246	6,089,236	61.3
16-17	0.000918	99,210	91	99,165	5,989,990	60.4
17-18	0.001098	99,119	109	99,065	5,890,826	59.4
18-19	0.001234	99,010	122	98,949	5,791,761	58.5
19-20	0.001336	98,888	132	98,822	5,692,811	57.6
20-21	0.001430	98,756	141	98,686	5,593,989	56.6
21-22	0.001530	98,615	151	98,540	5,495,304	55.7
22-23	0.001626	98,464	160	98,384	5,396,764	54.8
23-24	0.001714	98,304	168	98,220	5,298,380	53.9
24-25	0.001788	98,135	176	98,048	5,200,160	53.0
25-26	0.001853	97,960	182	97,869	5,102,113	52.1
26-27	0.001906	97,778	186	97,685	5,004,244	51.2
27-28	0.001946	97,592	190	97,497	4,906,558	50.3
28-29	0.001974	97,402	192	97,306	4,809,061	49.4
29-30	0.001996	97,210	194	97,113	4,711,755	48.5
30-31	0.002016	97,016	196	96,918	4,614,643	47.6
31-32	0.002040	96,820	198	96,721	4,517,725	46.7
32-33	0.002025	96,623	196	96,525	4,421,003	45.8
33-34	0.002128	96,427	205	96,324	4,324,478	44.8

Table CO-2. Life table for males: Colorado, 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	0.002195	96,222	211	96,116	4,228,154	43.9
35-36	0.002269	96,011	218	95,902	4,132,038	43.0
36-37	0.002349	95,793	225	95,680	4,036,136	42.1
37-38	0.002443	95,568	233	95,451	3,940,456	41.2
38-39	0.002556	95,334	244	95,212	3,845,005	40.3
39-40	0.002687	95,091	256	94,963	3,749,792	39.4
40-41	0.002847	94,835	270	94,700	3,654,830	38.5
41-42	0.003022	94,565	286	94,422	3,560,130	37.6
42-43	0.003182	94,279	300	94,129	3,465,707	36.8
43-44	0.003309	93,979	311	93,824	3,371,578	35.9
44-45	0.003415	93,668	320	93,508	3,277,754	35.0
45-46	0.003529	93,348	329	93,184	3,184,246	34.1
46-47	0.003681	93,019	342	92,848	3,091,062	33.2
47-48	0.003884	92,677	360	92,497	2,998,214	32.4
48-49	0.004156	92,317	384	92,125	2,905,718	31.5
49-50	0.004497	91,933	413	91,726	2,813,593	30.6
50-51	0.004876	91,519	446	91,296	2,721,867	29.7
51-52	0.005290	91,073	482	90,832	2,630,570	28.9
52-53	0.005773	90,591	523	90,330	2,539,738	28.0
53-54	0.006320	90,068	569	89,784	2,449,408	27.2
54-55	0.006912	89,499	619	89,190	2,359,624	26.4
55-56	0.007526	88,881	669	88,546	2,270,435	25.5
56-57	0.008153	88,212	719	87,852	2,181,888	24.7
57-58	0.008788	87,492	769	87,108	2,094,036	23.9
58-59	0.009429	86,724	818	86,315	2,006,928	23.1
59-60	0.010082	85,906	866	85,473	1,920,613	22.4
60-61	0.010743	85,040	914	84,583	1,835,141	21.6
61-62	0.011428	84,126	961	83,646	1,750,558	20.8
62-63	0.012173	83,165	1,012	82,659	1,666,912	20.0
63-64	0.013014	82,152	1,069	81,618	1,584,253	19.3
64-65	0.013958	81,083	1,132	80,518	1,502,635	18.5
65-66	0.015007	79,952	1,200	79,352	1,422,118	17.8
66-67	0.016431	78,752	1,294	78,105	1,342,766	17.1
67-68	0.017717	77,458	1,372	76,772	1,264,661	16.3

Table CO-2. Life table for males: Colorado, 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	0.018901	76,086	1,438	75,367	1,187,890	15.6
69-70	0.020074	74,648	1,498	73,898	1,112,523	14.9
70-71	0.021331	73,149	1,560	72,369	1,038,625	14.2
71-72	0.022840	71,589	1,635	70,771	966,256	13.5
72-73	0.024724	69,954	1,730	69,089	895,485	12.8
73-74	0.027120	68,224	1,850	67,299	826,396	12.1
74-75	0.030154	66,374	2,001	65,373	759,097	11.4
75-76	0.033846	64,372	2,179	63,283	693,724	10.8
76-77	0.038106	62,194	2,370	61,009	630,441	10.1
77-78	0.042862	59,824	2,564	58,542	569,432	9.5
78-79	0.047967	57,260	2,747	55,886	510,890	8.9
79-80	0.053616	54,513	2,923	53,052	455,004	8.3
80-81	0.060049	51,590	3,098	50,041	401,953	7.8
81-82	0.067349	48,492	3,266	46,859	351,911	7.3
82-83	0.075665	45,226	3,422	43,515	305,052	6.7
83-84	0.085059	41,804	3,556	40,026	261,537	6.3
84-85	0.095618	38,249	3,657	36,420	221,510	5.8
85-86	0.107960	34,591	3,734	32,724	185,090	5.4
86-87	0.115936	30,857	3,577	29,068	152,366	4.9
87-88	0.132590	27,279	3,617	25,471	123,298	4.5
88-89	0.150982	23,662	3,573	21,876	97,827	4.1
89-90	0.171107	20,090	3,438	18,371	75,951	3.8
90-91	0.192911	16,652	3,212	15,046	57,580	3.5
91-92	0.216281	13,440	2,907	11,987	42,534	3.2
92-93	0.241041	10,533	2,539	9,264	30,547	2.9
93-94	0.266956	7,994	2,134	6,927	21,284	2.7
94-95	0.293735	5,860	1,721	4,999	14,357	2.4
95-96	0.321042	4,139	1,329	3,474	9,357	2.3
96-97	0.348515	2,810	979	2,320	5,883	2.1
97-98	0.375783	1,831	688	1,487	3,562	1.9
98-99	0.402486	1,143	460	913	2,076	1.8
99-100	0.428292	683	292	537	1,163	1.7
100 and over	1.000000	390	390	626	626	1.6

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

Table CO-3. Life table for females: Colorado, 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	0.004757	100,000	476	99,584	8,090,434	80.9
1-2	0.000127	99,524	13	99,518	7,990,850	80.3
2-3	0.000094	99,512	9	99,507	7,891,332	79.3
3-4	0.000093	99,502	9	99,498	7,791,825	78.3
4-5	0.000031	99,493	3	99,492	7,692,328	77.3
5-6	0.000005	99,490	1	99,490	7,592,836	76.3
6-7	0.000004	99,489		99,489	7,493,346	75.3
7-8	0.000002	99,489		99,489	7,393,857	74.3
8-9	0.000016	99,489	2	99,488	7,294,368	73.3
9-10	0.000038	99,487	4	99,485	7,194,880	72.3
10-11	0.000067	99,484	7	99,480	7,095,395	71.3
11-12	0.000105	99,477	10	99,472	6,995,914	70.3
12-13	0.000150	99,467	15	99,459	6,896,443	69.3
13-14	0.000205	99,452	20	99,441	6,796,984	68.3
14-15	0.000265	99,431	26	99,418	6,697,542	67.4
15-16	0.000331	99,405	33	99,388	6,598,124	66.4
16-17	0.000396	99,372	39	99,352	6,498,736	65.4
17-18	0.000457	99,332	45	99,310	6,399,384	64.4
18-19	0.000509	99,287	51	99,262	6,300,074	63.5
19-20	0.000556	99,237	55	99,209	6,200,812	62.5
20-21	0.000607	99,181	60	99,151	6,101,603	61.5
21-22	0.000658	99,121	65	99,089	6,002,452	60.6
22-23	0.000689	99,056	68	99,022	5,903,363	59.6
23-24	0.000693	98,988	69	98,953	5,804,342	58.6
24-25	0.000682	98,919	67	98,885	5,705,388	57.7
25-26	0.000661	98,852	65	98,819	5,606,503	56.7
26-27	0.000652	98,786	64	98,754	5,507,684	55.8
27-28	0.000674	98,722	67	98,688	5,408,930	54.8
28-29	0.000736	98,655	73	98,619	5,310,242	53.8
29-30	0.000827	98,583	81	98,542	5,211,623	52.9
30-31	0.000933	98,501	92	98,455	5,113,081	51.9
31-32	0.001029	98,409	101	98,359	5,014,626	51.0
32-33	0.001076	98,308	106	98,255	4,916,267	50.0
33-34	0.001139	98,202	112	98,146	4,818,012	49.1

Table CO-3. Life table for females: Colorado, 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	0.001150	98,090	113	98,034	4,719,865	48.1
35-36	0.001159	97,978	114	97,921	4,621,831	47.2
36-37	0.001182	97,864	116	97,806	4,523,911	46.2
37-38	0.001216	97,748	119	97,689	4,426,104	45.3
38-39	0.001268	97,630	124	97,568	4,328,415	44.3
39-40	0.001339	97,506	131	97,440	4,230,848	43.4
40-41	0.001422	97,375	138	97,306	4,133,407	42.4
41-42	0.001514	97,237	147	97,163	4,036,101	41.5
42-43	0.001623	97,090	158	97,011	3,938,938	40.6
43-44	0.001749	96,932	169	96,847	3,841,927	39.6
44-45	0.001890	96,762	183	96,671	3,745,080	38.7
45-46	0.002045	96,580	197	96,481	3,648,409	37.8
46-47	0.002214	96,382	213	96,275	3,551,928	36.9
47-48	0.002404	96,169	231	96,053	3,455,653	35.9
48-49	0.002616	95,937	251	95,812	3,359,600	35.0
49-50	0.002847	95,687	272	95,550	3,263,788	34.1
50-51	0.003109	95,414	297	95,266	3,168,238	33.2
51-52	0.003382	95,117	322	94,957	3,072,972	32.3
52-53	0.003631	94,796	344	94,624	2,978,015	31.4
53-54	0.003836	94,452	362	94,270	2,883,392	30.5
54-55	0.004014	94,089	378	93,900	2,789,121	29.6
55-56	0.004174	93,712	391	93,516	2,695,221	28.8
56-57	0.004370	93,320	408	93,116	2,601,705	27.9
57-58	0.004653	92,913	432	92,696	2,508,588	27.0
58-59	0.005055	92,480	468	92,246	2,415,892	26.1
59-60	0.005549	92,013	511	91,757	2,323,646	25.3
60-61	0.006099	91,502	558	91,223	2,231,888	24.4
61-62	0.006645	90,944	604	90,642	2,140,665	23.5
62-63	0.007162	90,340	647	90,016	2,050,023	22.7
63-64	0.007630	89,693	684	89,351	1,960,007	21.9
64-65	0.008087	89,008	720	88,648	1,870,657	21.0
65-66	0.008566	88,289	756	87,910	1,782,008	20.2
66-67	0.009287	87,532	813	87,126	1,694,098	19.4
67-68	0.010107	86,719	876	86,281	1,606,972	18.5

Table CO-3. Life table for females: Colorado, 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	0.011110	85,843	954	85,366	1,520,691	17.7
69-70	0.012301	84,889	1,044	84,367	1,435,325	16.9
70-71	0.013649	83,845	1,144	83,273	1,350,958	16.1
71-72	0.015157	82,701	1,253	82,074	1,267,685	15.3
72-73	0.016899	81,447	1,376	80,759	1,185,612	14.6
73-74	0.018931	80,071	1,516	79,313	1,104,853	13.8
74-75	0.021318	78,555	1,675	77,718	1,025,540	13.1
75-76	0.024131	76,880	1,855	75,953	947,822	12.3
76-77	0.027375	75,025	2,054	73,998	871,870	11.6
77-78	0.031023	72,971	2,264	71,839	797,871	10.9
78-79	0.035022	70,707	2,476	69,469	726,032	10.3
79-80	0.039402	68,231	2,688	66,887	656,563	9.6
80-81	0.044194	65,543	2,897	64,094	589,676	9.0
81-82	0.049734	62,646	3,116	61,088	525,582	8.4
82-83	0.056449	59,530	3,360	57,850	464,494	7.8
83-84	0.064531	56,170	3,625	54,358	406,643	7.2
84-85	0.072567	52,545	3,813	50,639	352,286	6.7
85-86	0.083177	48,732	4,053	46,706	301,647	6.2
86-87	0.095091	44,679	4,249	42,555	254,941	5.7
87-88	0.108393	40,430	4,382	38,239	212,387	5.3
88-89	0.123156	36,048	4,440	33,828	174,148	4.8
89-90	0.139427	31,608	4,407	29,405	140,320	4.4
90-91	0.157226	27,201	4,277	25,063	110,915	4.1
91-92	0.176536	22,925	4,047	20,901	85,852	3.7
92-93	0.197299	18,878	3,725	17,015	64,951	3.4
93-94	0.219412	15,153	3,325	13,491	47,935	3.2
94-95	0.242720	11,828	2,871	10,393	34,445	2.9
95-96	0.267027	8,957	2,392	7,761	24,052	2.7
96-97	0.292091	6,565	1,918	5,607	16,290	2.5
97-98	0.317638	4,648	1,476	3,910	10,684	2.3
98-99	0.343370	3,171	1,089	2,627	6,774	2.1
99-100	0.368984	2,082	768	1,698	4,147	2.0
100 and over	1.000000	1,314	1,314	2,449	2,449	1.9

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