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U.S. State Life Tables, 2018. National Vital Statistics Report Volume 70, Number 1. 18pp.
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Table CO-2. Life table for males: Colorado, 2018

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	0.005205	100,000	520	99,526	7,768,303	77.7
1-2	0.000645	99,480	64	99,447	7,668,777	77.1
2-3	0.000232	99,415	23	99,404	7,569,330	76.1
3-4	0.000172	99,392	17	99,384	7,469,926	75.2
4-5	0.000200	99,375	20	99,365	7,370,542	74.2
5-6	0.000152	99,355	15	99,348	7,271,177	73.2
6-7	0.000145	99,340	14	99,333	7,171,829	72.2
7-8	0.000135	99,326	13	99,319	7,072,496	71.2
8-9	0.000118	99,312	12	99,307	6,973,177	70.2
9-10	0.000096	99,301	10	99,296	6,873,870	69.2
10-11	0.000080	99,291	8	99,287	6,774,574	68.2
11-12	0.000084	99,283	8	99,279	6,675,287	67.2
12-13	0.000126	99,275	13	99,269	6,576,008	66.2
13-14	0.000218	99,262	22	99,252	6,476,740	65.2
14-15	0.000348	99,241	34	99,224	6,377,488	64.3
15-16	0.000496	99,206	49	99,182	6,278,265	63.3
16-17	0.000641	99,157	64	99,125	6,179,083	62.3
17-18	0.000779	99,093	77	99,055	6,079,958	61.4
18-19	0.000898	99,016	89	98,972	5,980,903	60.4
19-20	0.001002	98,927	99	98,878	5,881,931	59.5
20-21	0.001103	98,828	109	98,774	5,783,053	58.5
21-22	0.001206	98,719	119	98,660	5,684,280	57.6
22-23	0.001296	98,600	128	98,536	5,585,620	56.6
23-24	0.001368	98,472	135	98,405	5,487,084	55.7
24-25	0.001423	98,338	140	98,268	5,388,679	54.8
25-26	0.001469	98,198	144	98,125	5,290,411	53.9
26-27	0.001510	98,053	148	97,979	5,192,286	53.0
27-28	0.001543	97,905	151	97,830	5,094,307	52.0
28-29	0.001571	97,754	154	97,677	4,996,477	51.1
29-30	0.001596	97,601	156	97,523	4,898,800	50.2
30-31	0.001617	97,445	158	97,366	4,801,277	49.3
31-32	0.001641	97,287	160	97,207	4,703,911	48.4
32-33	0.001647	97,128	160	97,048	4,606,704	47.4
33-34	0.001761	96,967	171	96,882	4,509,656	46.5
34-35	0.001855	96,797	180	96,707	4,412,774	45.6
35-36	0.001967	96,617	190	96,522	4,316,067	44.7
36-37	0.002075	96,427	200	96,327	4,219,545	43.8
37-38	0.002157	96,227	208	96,123	4,123,218	42.8
38-39	0.002201	96,019	211	95,914	4,027,095	41.9
39-40	0.002218	95,808	213	95,702	3,931,181	41.0
40-41	0.002234	95,596	214	95,489	3,835,479	40.1
41-42	0.002275	95,382	217	95,274	3,739,990	39.2
42-43	0.002350	95,165	224	95,053	3,644,717	38.3
43-44	0.002468	94,941	234	94,824	3,549,663	37.4

Table CO-2. Life table for males: Colorado, 2018

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
44-45	0.002621	94,707	248	94,583	3,454,839	36.5
45-46	0.002799	94,459	264	94,327	3,360,256	35.6
46-47	0.002988	94,194	281	94,054	3,265,930	34.7
47-48	0.003186	93,913	299	93,763	3,171,876	33.8
48-49	0.003397	93,614	318	93,455	3,078,112	32.9
49-50	0.003641	93,296	340	93,126	2,984,658	32.0
50-51	0.003905	92,956	363	92,775	2,891,532	31.1
51-52	0.004229	92,593	392	92,397	2,798,757	30.2
52-53	0.004674	92,202	431	91,986	2,706,360	29.4
53-54	0.005245	91,771	481	91,530	2,614,374	28.5
54-55	0.005879	91,289	537	91,021	2,522,844	27.6
55-56	0.006520	90,753	592	90,457	2,431,823	26.8
56-57	0.007129	90,161	643	89,839	2,341,366	26.0
57-58	0.007700	89,518	689	89,173	2,251,527	25.2
58-59	0.008236	88,829	732	88,463	2,162,353	24.3
59-60	0.008763	88,097	772	87,711	2,073,890	23.5
60-61	0.009314	87,325	813	86,919	1,986,179	22.7
61-62	0.009894	86,512	856	86,084	1,899,261	22.0
62-63	0.010493	85,656	899	85,207	1,813,177	21.2
63-64	0.011114	84,757	942	84,286	1,727,970	20.4
64-65	0.011773	83,815	987	83,322	1,643,684	19.6
65-66	0.012472	82,828	1,033	82,312	1,560,362	18.8
66-67	0.013480	81,795	1,103	81,244	1,478,051	18.1
67-68	0.014491	80,693	1,169	80,108	1,396,807	17.3
68-69	0.015591	79,523	1,240	78,903	1,316,699	16.6
69-70	0.016819	78,284	1,317	77,625	1,237,795	15.8
70-71	0.018216	76,967	1,402	76,266	1,160,170	15.1
71-72	0.019819	75,565	1,498	74,816	1,083,904	14.3
72-73	0.021669	74,067	1,605	73,265	1,009,088	13.6
73-74	0.023814	72,462	1,726	71,599	935,823	12.9
74-75	0.026358	70,737	1,864	69,804	864,224	12.2
75-76	0.029356	68,872	2,022	67,861	794,420	11.5
76-77	0.032791	66,850	2,192	65,754	726,558	10.9
77-78	0.036654	64,658	2,370	63,473	660,804	10.2
78-79	0.040958	62,288	2,551	61,013	597,331	9.6
79-80	0.045889	59,737	2,741	58,366	536,318	9.0
80-81	0.051619	56,996	2,942	55,525	477,952	8.4
81-82	0.058219	54,054	3,147	52,480	422,428	7.8
82-83	0.065659	50,907	3,342	49,235	369,947	7.3
83-84	0.074085	47,564	3,524	45,802	320,712	6.7
84-85	0.086459	44,040	3,808	42,137	274,910	6.2
85-86	0.097541	40,233	3,924	38,271	232,773	5.8
86-87	0.109774	36,308	3,986	34,316	194,503	5.4
87-88	0.123210	32,323	3,982	30,331	160,187	5.0

Table CO-2. Life table for males: Colorado, 2018

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
88-89	0.137882	28,340	3,908	26,386	129,856	4.6
89-90	0.153808	24,433	3,758	22,554	103,469	4.2
90-91	0.170979	20,675	3,535	18,907	80,916	3.9
91-92	0.189358	17,140	3,246	15,517	62,009	3.6
92-93	0.208881	13,894	2,902	12,443	46,492	3.3
93-94	0.229448	10,992	2,522	9,731	34,049	3.1
94-95	0.250931	8,470	2,125	7,407	24,318	2.9
95-96	0.273169	6,345	1,733	5,478	16,910	2.7
96-97	0.295974	4,611	1,365	3,929	11,432	2.5
97-98	0.319139	3,247	1,036	2,728	7,504	2.3
98-99	0.342443	2,210	757	1,832	4,775	2.2
99-100	0.365657	1,453	531	1,188	2,943	2.0
100 and over	1.000000	922	922	1,755	1,755	1.9

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

Table CO-3. Life table for females: Colorado, 2018

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	0.004233	100,000	423	99,625	8,229,415	82.3
1-2	0.000365	99,577	36	99,559	8,129,790	81.6
2-3	0.000302	99,540	30	99,525	8,030,232	80.7
3-4	0.000150	99,510	15	99,503	7,930,706	79.7
4-5	0.000210	99,495	21	99,485	7,831,203	78.7
5-6	0.000117	99,474	12	99,469	7,731,719	77.7
6-7	0.000089	99,463	9	99,458	7,632,250	76.7
7-8	0.000075	99,454	7	99,450	7,532,791	75.7
8-9	0.000075	99,447	7	99,443	7,433,341	74.7
9-10	0.000087	99,439	9	99,435	7,333,898	73.8
10-11	0.000108	99,430	11	99,425	7,234,463	72.8
11-12	0.000134	99,420	13	99,413	7,135,038	71.8
12-13	0.000162	99,406	16	99,398	7,035,625	70.8
13-14	0.000189	99,390	19	99,381	6,936,227	69.8
14-15	0.000218	99,372	22	99,361	6,836,846	68.8
15-16	0.000250	99,350	25	99,337	6,737,485	67.8
16-17	0.000284	99,325	28	99,311	6,638,148	66.8
17-18	0.000321	99,297	32	99,281	6,538,837	65.9
18-19	0.000361	99,265	36	99,247	6,439,556	64.9
19-20	0.000402	99,229	40	99,209	6,340,309	63.9
20-21	0.000451	99,189	45	99,167	6,241,099	62.9
21-22	0.000497	99,145	49	99,120	6,141,933	61.9
22-23	0.000520	99,095	52	99,069	6,042,813	61.0
23-24	0.000513	99,044	51	99,018	5,943,743	60.0
24-25	0.000489	98,993	48	98,969	5,844,725	59.0
25-26	0.000456	98,944	45	98,922	5,745,756	58.1
26-27	0.000437	98,899	43	98,878	5,646,834	57.1
27-28	0.000450	98,856	45	98,834	5,547,956	56.1
28-29	0.000507	98,812	50	98,787	5,449,122	55.1
29-30	0.000597	98,762	59	98,732	5,350,336	54.2
30-31	0.000705	98,703	70	98,668	5,251,604	53.2
31-32	0.000804	98,633	79	98,593	5,152,936	52.2
32-33	0.000853	98,554	84	98,512	5,054,342	51.3
33-34	0.000895	98,470	88	98,426	4,955,831	50.3
34-35	0.000883	98,381	87	98,338	4,857,405	49.4
35-36	0.000863	98,295	85	98,252	4,759,067	48.4
36-37	0.000861	98,210	85	98,168	4,660,815	47.5
37-38	0.000883	98,125	87	98,082	4,562,647	46.5
38-39	0.000941	98,039	92	97,993	4,464,566	45.5
39-40	0.001032	97,946	101	97,896	4,366,573	44.6
40-41	0.001142	97,845	112	97,789	4,268,677	43.6
41-42	0.001260	97,734	123	97,672	4,170,888	42.7
42-43	0.001381	97,610	135	97,543	4,073,216	41.7
43-44	0.001495	97,476	146	97,403	3,975,673	40.8

Table CO-3. Life table for females: Colorado, 2018

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
44-45	0.001601	97,330	156	97,252	3,878,270	39.8
45-46	0.001711	97,174	166	97,091	3,781,018	38.9
46-47	0.001835	97,008	178	96,919	3,683,927	38.0
47-48	0.001977	96,830	191	96,734	3,587,008	37.0
48-49	0.002146	96,638	207	96,535	3,490,274	36.1
49-50	0.002346	96,431	226	96,318	3,393,739	35.2
50-51	0.002570	96,205	247	96,081	3,297,421	34.3
51-52	0.002810	95,958	270	95,823	3,201,340	33.4
52-53	0.003063	95,688	293	95,541	3,105,517	32.5
53-54	0.003310	95,395	316	95,237	3,009,976	31.6
54-55	0.003544	95,079	337	94,911	2,914,739	30.7
55-56	0.003769	94,742	357	94,564	2,819,828	29.8
56-57	0.004000	94,385	378	94,196	2,725,264	28.9
57-58	0.004255	94,008	400	93,808	2,631,068	28.0
58-59	0.004550	93,608	426	93,395	2,537,260	27.1
59-60	0.004890	93,182	456	92,954	2,443,866	26.2
60-61	0.005269	92,726	489	92,482	2,350,912	25.4
61-62	0.005667	92,238	523	91,976	2,258,430	24.5
62-63	0.006077	91,715	557	91,436	2,166,454	23.6
63-64	0.006491	91,157	592	90,862	2,075,018	22.8
64-65	0.006927	90,566	627	90,252	1,984,156	21.9
65-66	0.007395	89,938	665	89,606	1,893,904	21.1
66-67	0.008070	89,273	720	88,913	1,804,298	20.2
67-68	0.008825	88,553	781	88,162	1,715,385	19.4
68-69	0.009738	87,771	855	87,344	1,627,223	18.5
69-70	0.010827	86,917	941	86,446	1,539,879	17.7
70-71	0.012099	85,976	1,040	85,456	1,453,433	16.9
71-72	0.013579	84,935	1,153	84,359	1,367,977	16.1
72-73	0.015267	83,782	1,279	83,142	1,283,619	15.3
73-74	0.017152	82,503	1,415	81,795	1,200,476	14.6
74-75	0.019289	81,088	1,564	80,306	1,118,681	13.8
75-76	0.021720	79,524	1,727	78,660	1,038,375	13.1
76-77	0.024516	77,796	1,907	76,843	959,715	12.3
77-78	0.027691	75,889	2,101	74,838	882,872	11.6
78-79	0.031297	73,788	2,309	72,633	808,034	11.0
79-80	0.035405	71,478	2,531	70,213	735,401	10.3
80-81	0.039996	68,948	2,758	67,569	665,188	9.6
81-82	0.045016	66,190	2,980	64,700	597,619	9.0
82-83	0.050547	63,210	3,195	61,613	532,919	8.4
83-84	0.056860	60,015	3,412	58,309	471,306	7.9
84-85	0.064486	56,603	3,650	54,778	412,997	7.3
85-86	0.073720	52,953	3,904	51,001	358,219	6.8
86-87	0.083203	49,049	4,081	47,009	307,218	6.3
87-88	0.094667	44,968	4,257	42,840	260,210	5.8

Table CO-3. Life table for females: Colorado, 2018

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
88-89	0.107420	40,711	4,373	38,524	217,370	5.3
89-90	0.121525	36,338	4,416	34,130	178,846	4.9
90-91	0.137029	31,922	4,374	29,735	144,716	4.5
91-92	0.153953	27,548	4,241	25,427	114,981	4.2
92-93	0.172286	23,307	4,015	21,299	89,554	3.8
93-94	0.191985	19,291	3,704	17,439	68,255	3.5
94-95	0.212967	15,588	3,320	13,928	50,816	3.3
95-96	0.235105	12,268	2,884	10,826	36,888	3.0
96-97	0.258235	9,384	2,423	8,172	26,062	2.8
97-98	0.282153	6,960	1,964	5,979	17,890	2.6
98-99	0.306623	4,997	1,532	4,231	11,911	2.4
99-100	0.331387	3,465	1,148	2,890	7,681	2.2
100 and over	1.000000	2,316	2,316	4,790	4,790	2.1

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