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Table MT-2. Life table for males: Montana, 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	0.005969	100,000	597	99,579	7,616,568	76.2
1-2	0.000974	99,403	97	99,355	7,516,989	75.6
2-3	0.000317	99,306	31	99,291	7,417,635	74.7
3-4	0.000312	99,275	31	99,259	7,318,344	73.7
4-5	0.000283	99,244	28	99,230	7,219,085	72.7
5-6	0.000257	99,216	25	99,203	7,119,855	71.8
6-7	0.000273	99,190	27	99,177	7,020,652	70.8
7-8	0.000269	99,163	27	99,150	6,921,475	69.8
8-9	0.000237	99,137	24	99,125	6,822,325	68.8
9-10	0.000184	99,113	18	99,104	6,723,200	67.8
10-11	0.000126	99,095	13	99,089	6,624,096	66.8
11-12	0.000092	99,082	9	99,078	6,525,008	65.9
12-13	0.000112	99,073	11	99,068	6,425,930	64.9
13-14	0.000205	99,062	20	99,052	6,326,863	63.9
14-15	0.000356	99,042	35	99,024	6,227,811	62.9
15-16	0.000524	99,006	52	98,980	6,128,787	61.9
16-17	0.000686	98,955	68	98,921	6,029,806	60.9
17-18	0.000852	98,887	84	98,845	5,930,886	60.0
18-19	0.001004	98,802	99	98,753	5,832,041	59.0
19-20	0.001132	98,703	112	98,647	5,733,288	58.1
20-21	0.001267	98,591	125	98,529	5,634,641	57.2
21-22	0.001387	98,467	137	98,398	5,536,112	56.2
22-23	0.001440	98,330	142	98,259	5,437,714	55.3
23-24	0.001411	98,188	139	98,119	5,339,455	54.4
24-25	0.001331	98,050	130	97,985	5,241,335	53.5
25-26	0.001210	97,919	119	97,860	5,143,351	52.5
26-27	0.001120	97,801	110	97,746	5,045,491	51.6
27-28	0.001131	97,691	111	97,636	4,947,745	50.6
28-29	0.001293	97,581	126	97,518	4,850,109	49.7
29-30	0.001568	97,455	153	97,378	4,752,591	48.8
30-31	0.001918	97,302	187	97,208	4,655,213	47.8
31-32	0.002240	97,115	218	97,006	4,558,005	46.9
32-33	0.002445	96,898	237	96,779	4,460,998	46.0
33-34	0.002431	96,661	235	96,543	4,364,219	45.1
34-35	0.002290	96,426	221	96,315	4,267,676	44.3
35-36	0.002094	96,205	201	96,104	4,171,361	43.4
36-37	0.001970	96,003	189	95,909	4,075,257	42.4
37-38	0.001993	95,814	191	95,719	3,979,348	41.5
38-39	0.002227	95,623	213	95,517	3,883,629	40.6
39-40	0.002627	95,410	251	95,285	3,788,112	39.7
40-41	0.003142	95,160	299	95,010	3,692,827	38.8
41-42	0.003625	94,861	344	94,689	3,597,817	37.9
42-43	0.003953	94,517	374	94,330	3,503,128	37.1
43-44	0.004014	94,143	378	93,954	3,408,798	36.2
44-45	0.003884	93,765	364	93,583	3,314,844	35.4
45-46	0.003695	93,401	345	93,229	3,221,261	34.5
46-47	0.003613	93,056	336	92,888	3,128,032	33.6
47-48	0.003706	92,720	344	92,548	3,035,144	32.7
48-49	0.004058	92,376	375	92,189	2,942,596	31.9
49-50	0.004612	92,001	424	91,789	2,850,408	31.0
50-51	0.005275	91,577	483	91,335	2,758,618	30.1
51-52	0.005916	91,094	539	90,824	2,667,283	29.3
52-53	0.006457	90,555	585	90,263	2,576,459	28.5

Table MT-2. Life table for males: Montana, 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	0.006808	89,970	613	89,664	2,486,196	27.6
54-55	0.007034	89,358	629	89,043	2,396,532	26.8
55-56	0.007204	88,729	639	88,410	2,307,489	26.0
56-57	0.007456	88,090	657	87,762	2,219,079	25.2
57-58	0.007884	87,433	689	87,088	2,131,318	24.4
58-59	0.008553	86,744	742	86,373	2,044,229	23.6
59-60	0.009401	86,002	809	85,598	1,957,856	22.8
60-61	0.010353	85,193	882	84,752	1,872,259	22.0
61-62	0.011264	84,311	950	83,836	1,787,506	21.2
62-63	0.012054	83,362	1,005	82,859	1,703,670	20.4
63-64	0.012655	82,357	1,042	81,836	1,620,811	19.7
64-65	0.013152	81,315	1,069	80,780	1,538,975	18.9
65-66	0.013603	80,245	1,092	79,699	1,458,195	18.2
66-67	0.014359	79,154	1,137	78,585	1,378,496	17.4
67-68	0.015471	78,017	1,207	77,413	1,299,911	16.7
68-69	0.017093	76,810	1,313	76,154	1,222,497	15.9
69-70	0.019085	75,497	1,441	74,777	1,146,344	15.2
70-71	0.021261	74,056	1,574	73,269	1,071,567	14.5
71-72	0.023549	72,482	1,707	71,628	998,298	13.8
72-73	0.025986	70,775	1,839	69,855	926,670	13.1
73-74	0.028515	68,936	1,966	67,953	856,815	12.4
74-75	0.031123	66,970	2,084	65,928	788,862	11.8
75-76	0.033987	64,886	2,205	63,783	722,934	11.1
76-77	0.037444	62,680	2,347	61,507	659,151	10.5
77-78	0.041560	60,333	2,507	59,080	597,644	9.9
78-79	0.046226	57,826	2,673	56,489	538,564	9.3
79-80	0.051104	55,153	2,819	53,744	482,075	8.7
80-81	0.056032	52,334	2,932	50,868	428,331	8.2
81-82	0.061585	49,402	3,042	47,881	377,463	7.6
82-83	0.068482	46,360	3,175	44,772	329,583	7.1
83-84	0.077262	43,185	3,337	41,516	284,810	6.6
84-85	0.087328	39,848	3,480	38,108	243,294	6.1
85-86	0.098951	36,368	3,599	34,569	205,186	5.6
86-87	0.108131	32,770	3,543	30,998	170,617	5.2
87-88	0.123440	29,226	3,608	27,422	139,619	4.8
88-89	0.140372	25,619	3,596	23,820	112,197	4.4
89-90	0.158948	22,022	3,500	20,272	88,376	4.0
90-91	0.179144	18,522	3,318	16,863	68,104	3.7
91-92	0.200891	15,204	3,054	13,677	51,241	3.4
92-93	0.224065	12,150	2,722	10,788	37,564	3.1
93-94	0.248487	9,427	2,343	8,256	26,776	2.8
94-95	0.273922	7,085	1,941	6,114	18,520	2.6
95-96	0.300093	5,144	1,544	4,372	12,406	2.4
96-97	0.326684	3,600	1,176	3,012	8,033	2.2
97-98	0.353360	2,424	857	1,996	5,021	2.1
98-99	0.379781	1,568	595	1,270	3,025	1.9
99-100	0.405621	972	394	775	1,755	1.8
100 and over	1.000000	578	578	980	980	1.7

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

Table MT-3. Life table for females: Montana, 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	0.003631	100,000	363	99,746	8,075,929	80.8
1-2	0.000339	99,637	34	99,620	7,976,183	80.1
2-3	0.000249	99,603	25	99,591	7,876,563	79.1
3-4	0.000164	99,578	16	99,570	7,776,972	78.1
4-5	0.000127	99,562	13	99,556	7,677,402	77.1
5-6	0.000091	99,549	9	99,545	7,577,846	76.1
6-7	0.000129	99,540	13	99,534	7,478,302	75.1
7-8	0.000152	99,527	15	99,520	7,378,768	74.1
8-9	0.000149	99,512	15	99,505	7,279,248	73.1
9-10	0.000122	99,497	12	99,491	7,179,743	72.2
10-11	0.000088	99,485	9	99,481	7,080,252	71.2
11-12	0.000077	99,476	8	99,473	6,980,771	70.2
12-13	0.000122	99,469	12	99,463	6,881,298	69.2
13-14	0.000244	99,457	24	99,445	6,781,835	68.2
14-15	0.000420	99,433	42	99,412	6,682,391	67.2
15-16	0.000633	99,391	63	99,359	6,582,979	66.2
16-17	0.000822	99,328	82	99,287	6,483,620	65.3
17-18	0.000924	99,246	92	99,200	6,384,333	64.3
18-19	0.000897	99,155	89	99,110	6,285,132	63.4
19-20	0.000784	99,066	78	99,027	6,186,022	62.4
20-21	0.000650	98,988	64	98,956	6,086,996	61.5
21-22	0.000552	98,924	55	98,896	5,988,040	60.5
22-23	0.000501	98,869	50	98,844	5,889,144	59.6
23-24	0.000517	98,819	51	98,794	5,790,299	58.6
24-25	0.000581	98,768	57	98,740	5,691,505	57.6
25-26	0.000655	98,711	65	98,679	5,592,766	56.7
26-27	0.000717	98,646	71	98,611	5,494,087	55.7
27-28	0.000783	98,576	77	98,537	5,395,476	54.7
28-29	0.000850	98,499	84	98,457	5,296,939	53.8
29-30	0.000919	98,415	90	98,370	5,198,482	52.8
30-31	0.001000	98,324	98	98,275	5,100,113	51.9
31-32	0.001088	98,226	107	98,173	5,001,837	50.9
32-33	0.001155	98,119	113	98,063	4,903,665	50.0
33-34	0.001197	98,006	117	97,947	4,805,602	49.0
34-35	0.001217	97,889	119	97,829	4,707,655	48.1
35-36	0.001226	97,770	120	97,710	4,609,826	47.1
36-37	0.001249	97,650	122	97,589	4,512,116	46.2
37-38	0.001305	97,528	127	97,464	4,414,527	45.3
38-39	0.001409	97,401	137	97,332	4,317,063	44.3
39-40	0.001555	97,263	151	97,188	4,219,731	43.4
40-41	0.001740	97,112	169	97,027	4,122,544	42.5
41-42	0.001925	96,943	187	96,850	4,025,516	41.5
42-43	0.002069	96,756	200	96,656	3,928,667	40.6
43-44	0.002140	96,556	207	96,453	3,832,010	39.7
44-45	0.002164	96,350	208	96,245	3,735,557	38.8
45-46	0.002172	96,141	209	96,037	3,639,312	37.9
46-47	0.002226	95,932	214	95,825	3,543,276	36.9
47-48	0.002365	95,719	226	95,606	3,447,450	36.0
48-49	0.002624	95,492	251	95,367	3,351,845	35.1
49-50	0.002974	95,242	283	95,100	3,256,478	34.2
50-51	0.003397	94,959	323	94,797	3,161,377	33.3
51-52	0.003809	94,636	361	94,456	3,066,580	32.4
52-53	0.004117	94,276	388	94,081	2,972,124	31.5

Table MT-3. Life table for females: Montana, 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	0.004261	93,887	400	93,687	2,878,043	30.7
54-55	0.004311	93,487	403	93,286	2,784,356	29.8
55-56	0.004310	93,084	401	92,884	2,691,070	28.9
56-57	0.004393	92,683	407	92,479	2,598,186	28.0
57-58	0.004669	92,276	431	92,060	2,505,707	27.2
58-59	0.005199	91,845	477	91,606	2,413,646	26.3
59-60	0.005903	91,368	539	91,098	2,322,040	25.4
60-61	0.006689	90,828	608	90,524	2,230,942	24.6
61-62	0.007413	90,221	669	89,886	2,140,418	23.7
62-63	0.008014	89,552	718	89,193	2,050,531	22.9
63-64	0.008435	88,834	749	88,459	1,961,338	22.1
64-65	0.008746	88,085	770	87,700	1,872,879	21.3
65-66	0.009055	87,314	791	86,919	1,785,179	20.4
66-67	0.009492	86,524	821	86,113	1,698,260	19.6
67-68	0.010145	85,703	869	85,268	1,612,147	18.8
68-69	0.011059	84,833	938	84,364	1,526,879	18.0
69-70	0.012238	83,895	1,027	83,382	1,442,515	17.2
70-71	0.013638	82,868	1,130	82,303	1,359,134	16.4
71-72	0.015249	81,738	1,246	81,115	1,276,831	15.6
72-73	0.017121	80,492	1,378	79,803	1,195,716	14.9
73-74	0.019252	79,114	1,523	78,352	1,115,913	14.1
74-75	0.021662	77,590	1,681	76,750	1,037,561	13.4
75-76	0.024375	75,910	1,850	74,985	960,811	12.7
76-77	0.027529	74,059	2,039	73,040	885,827	12.0
77-78	0.031141	72,021	2,243	70,899	812,787	11.3
78-79	0.034990	69,778	2,442	68,557	741,888	10.6
79-80	0.039091	67,336	2,632	66,020	673,331	10.0
80-81	0.043732	64,704	2,830	63,289	607,311	9.4
81-82	0.049264	61,874	3,048	60,350	544,021	8.8
82-83	0.055638	58,826	3,273	57,190	483,671	8.2
83-84	0.062436	55,553	3,469	53,819	426,481	7.7
84-85	0.069596	52,085	3,625	50,272	372,663	7.2
85-86	0.077751	48,460	3,768	46,576	322,390	6.7
86-87	0.086467	44,692	3,864	42,760	275,814	6.2
87-88	0.096701	40,828	3,948	38,854	233,055	5.7
88-89	0.108998	36,880	4,020	34,870	194,201	5.3
89-90	0.124623	32,860	4,095	30,812	159,331	4.8
90-91	0.140290	28,765	4,035	26,747	128,519	4.5
91-92	0.157354	24,729	3,891	22,784	101,772	4.1
92-93	0.175801	20,838	3,663	19,006	78,989	3.8
93-94	0.195580	17,175	3,359	15,495	59,982	3.5
94-95	0.216602	13,816	2,992	12,319	44,487	3.2
95-96	0.238739	10,823	2,584	9,531	32,168	3.0
96-97	0.261822	8,239	2,157	7,161	22,637	2.7
97-98	0.285646	6,082	1,737	5,213	15,476	2.5
98-99	0.309979	4,345	1,347	3,671	10,263	2.4
99-100	0.334565	2,998	1,003	2,496	6,591	2.2
100 and over	1.000000	1,995	1,995	4,095	4,095	2.1

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