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Table UT-2. Life table for males: Utah, 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	0.005717	100,000	572	99,483	7,798,057	78.0
1-2	0.000399	99,428	40	99,408	7,698,574	77.4
2-3	0.000312	99,389	31	99,373	7,599,166	76.5
3-4	0.000077	99,358	8	99,354	7,499,792	75.5
4-5	0.000229	99,350	23	99,339	7,400,439	74.5
5-6	0.000145	99,327	14	99,320	7,301,100	73.5
6-7	0.000140	99,313	14	99,306	7,201,780	72.5
7-8	0.000135	99,299	13	99,292	7,102,474	71.5
8-9	0.000121	99,286	12	99,280	7,003,182	70.5
9-10	0.000100	99,274	10	99,269	6,903,902	69.5
10-11	0.000083	99,264	8	99,259	6,804,634	68.6
11-12	0.000088	99,255	9	99,251	6,705,374	67.6
12-13	0.000133	99,247	13	99,240	6,606,123	66.6
13-14	0.000233	99,233	23	99,222	6,506,883	65.6
14-15	0.000375	99,210	37	99,192	6,407,661	64.6
15-16	0.000544	99,173	54	99,146	6,308,469	63.6
16-17	0.000708	99,119	70	99,084	6,209,323	62.6
17-18	0.000840	99,049	83	99,007	6,110,239	61.7
18-19	0.000914	98,966	90	98,921	6,011,232	60.7
19-20	0.000942	98,875	93	98,829	5,912,311	59.8
20-21	0.000959	98,782	95	98,735	5,813,482	58.9
21-22	0.000985	98,688	97	98,639	5,714,747	57.9
22-23	0.001012	98,590	100	98,541	5,616,108	57.0
23-24	0.001043	98,491	103	98,439	5,517,568	56.0
24-25	0.001079	98,388	106	98,335	5,419,128	55.1
25-26	0.001115	98,282	110	98,227	5,320,793	54.1
26-27	0.001150	98,172	113	98,116	5,222,566	53.2
27-28	0.001192	98,059	117	98,001	5,124,451	52.3
28-29	0.001244	97,942	122	97,882	5,026,450	51.3
29-30	0.001308	97,821	128	97,757	4,928,568	50.4
30-31	0.001376	97,693	134	97,626	4,830,812	49.4
31-32	0.001451	97,558	142	97,488	4,733,186	48.5
32-33	0.001558	97,417	152	97,341	4,635,699	47.6
33-34	0.001653	97,265	161	97,185	4,538,358	46.7
34-35	0.001763	97,104	171	97,019	4,441,173	45.7
35-36	0.001872	96,933	181	96,842	4,344,155	44.8
36-37	0.001970	96,752	191	96,656	4,247,312	43.9
37-38	0.002043	96,561	197	96,462	4,150,656	43.0
38-39	0.002088	96,364	201	96,263	4,054,193	42.1
39-40	0.002115	96,162	203	96,061	3,957,930	41.2
40-41	0.002147	95,959	206	95,856	3,861,869	40.2
41-42	0.002188	95,753	210	95,648	3,766,013	39.3
42-43	0.002220	95,544	212	95,438	3,670,365	38.4
43-44	0.002239	95,331	213	95,225	3,574,927	37.5
44-45	0.002258	95,118	215	95,011	3,479,703	36.6
45-46	0.002273	94,903	216	94,795	3,384,692	35.7
46-47	0.002324	94,688	220	94,578	3,289,897	34.7
47-48	0.002474	94,468	234	94,351	3,195,319	33.8
48-49	0.002767	94,234	261	94,103	3,100,968	32.9
49-50	0.003182	93,973	299	93,824	3,006,865	32.0
50-51	0.003690	93,674	346	93,501	2,913,041	31.1
51-52	0.004228	93,328	395	93,131	2,819,540	30.2
52-53	0.004732	92,934	440	92,714	2,726,409	29.3

Table UT-2. Life table for males: Utah, 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	0.005133	92,494	475	92,257	2,633,695	28.5
54-55	0.005453	92,019	502	91,768	2,541,439	27.6
55-56	0.005734	91,517	525	91,255	2,449,670	26.8
56-57	0.006069	90,993	552	90,716	2,358,415	25.9
57-58	0.006517	90,440	589	90,146	2,267,699	25.1
58-59	0.007136	89,851	641	89,530	2,177,553	24.2
59-60	0.007890	89,210	704	88,858	2,088,023	23.4
60-61	0.008710	88,506	771	88,121	1,999,165	22.6
61-62	0.009508	87,735	834	87,318	1,911,044	21.8
62-63	0.010278	86,901	893	86,454	1,823,726	21.0
63-64	0.010999	86,008	946	85,535	1,737,272	20.2
64-65	0.011707	85,062	996	84,564	1,651,737	19.4
65-66	0.012477	84,066	1,049	83,541	1,567,174	18.6
66-67	0.013578	83,017	1,127	82,453	1,483,632	17.9
67-68	0.014638	81,890	1,199	81,290	1,401,179	17.1
68-69	0.015726	80,691	1,269	80,057	1,319,889	16.4
69-70	0.016911	79,422	1,343	78,751	1,239,832	15.6
70-71	0.018230	78,079	1,423	77,367	1,161,081	14.9
71-72	0.019787	76,656	1,517	75,897	1,083,714	14.1
72-73	0.021682	75,139	1,629	74,324	1,007,817	13.4
73-74	0.023982	73,510	1,763	72,628	933,493	12.7
74-75	0.026769	71,747	1,921	70,786	860,865	12.0
75-76	0.030044	69,826	2,098	68,777	790,078	11.3
76-77	0.033824	67,728	2,291	66,583	721,301	10.6
77-78	0.038226	65,437	2,501	64,187	654,718	10.0
78-79	0.043320	62,936	2,726	61,573	590,531	9.4
79-80	0.049093	60,210	2,956	58,732	528,958	8.8
80-81	0.053622	57,254	3,070	55,719	470,227	8.2
81-82	0.060990	54,184	3,305	52,531	414,508	7.7
82-83	0.069256	50,879	3,524	49,117	361,976	7.1
83-84	0.078498	47,355	3,717	45,497	312,859	6.6
84-85	0.088790	43,638	3,875	41,701	267,363	6.1
85-86	0.100201	39,763	3,984	37,771	225,662	5.7
86-87	0.112792	35,779	4,036	33,761	187,890	5.3
87-88	0.126612	31,744	4,019	29,734	154,129	4.9
88-89	0.141692	27,724	3,928	25,760	124,395	4.5
89-90	0.158042	23,796	3,761	21,916	98,635	4.1
90-91	0.175648	20,035	3,519	18,276	76,719	3.8
91-92	0.194465	16,516	3,212	14,910	58,443	3.5
92-93	0.214418	13,304	2,853	11,878	43,533	3.3
93-94	0.235398	10,452	2,460	9,221	31,655	3.0
94-95	0.257263	7,991	2,056	6,963	22,434	2.8
95-96	0.279841	5,935	1,661	5,105	15,470	2.6
96-97	0.302934	4,274	1,295	3,627	10,365	2.4
97-98	0.326325	2,980	972	2,493	6,738	2.3
98-99	0.349785	2,007	702	1,656	4,245	2.1
99-100	0.373083	1,305	487	1,062	2,589	2.0
100 and over	1.000000	818	818	1,527	1,527	1.9

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

Table UT-3. Life table for females: Utah, 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	0.004892	100,000	489	99,546	8,153,582	81.5
1-2	0.000335	99,511	33	99,494	8,054,037	80.9
2-3	0.000164	99,477	16	99,469	7,954,543	80.0
3-4	0.000244	99,461	24	99,449	7,855,073	79.0
4-5	0.000161	99,437	16	99,429	7,755,624	78.0
5-6	0.000117	99,421	12	99,415	7,656,196	77.0
6-7	0.000100	99,409	10	99,404	7,556,781	76.0
7-8	0.000090	99,399	9	99,395	7,457,376	75.0
8-9	0.000085	99,390	8	99,386	7,357,982	74.0
9-10	0.000085	99,382	8	99,378	7,258,595	73.0
10-11	0.000090	99,373	9	99,369	7,159,218	72.0
11-12	0.000101	99,365	10	99,360	7,059,849	71.0
12-13	0.000121	99,355	12	99,349	6,960,489	70.1
13-14	0.000152	99,342	15	99,335	6,861,141	69.1
14-15	0.000191	99,327	19	99,318	6,761,806	68.1
15-16	0.000240	99,308	24	99,297	6,662,488	67.1
16-17	0.000289	99,285	29	99,270	6,563,191	66.1
17-18	0.000321	99,256	32	99,240	6,463,921	65.1
18-19	0.000325	99,224	32	99,208	6,364,681	64.1
19-20	0.000312	99,192	31	99,176	6,265,473	63.2
20-21	0.000292	99,161	29	99,146	6,166,297	62.2
21-22	0.000284	99,132	28	99,118	6,067,150	61.2
22-23	0.000298	99,104	30	99,089	5,968,033	60.2
23-24	0.000343	99,074	34	99,057	5,868,944	59.2
24-25	0.000412	99,040	41	99,020	5,769,886	58.3
25-26	0.000490	98,999	48	98,975	5,670,867	57.3
26-27	0.000563	98,951	56	98,923	5,571,892	56.3
27-28	0.000636	98,895	63	98,864	5,472,969	55.3
28-29	0.000705	98,832	70	98,797	5,374,105	54.4
29-30	0.000771	98,763	76	98,725	5,275,307	53.4
30-31	0.000848	98,686	84	98,645	5,176,583	52.5
31-32	0.000929	98,603	92	98,557	5,077,938	51.5
32-33	0.001002	98,511	99	98,462	4,979,381	50.5
33-34	0.001026	98,413	101	98,362	4,880,919	49.6
34-35	0.001038	98,312	102	98,261	4,782,557	48.6
35-36	0.001035	98,209	102	98,159	4,684,297	47.7
36-37	0.001041	98,108	102	98,057	4,586,138	46.7
37-38	0.001076	98,006	105	97,953	4,488,081	45.8
38-39	0.001155	97,900	113	97,844	4,390,128	44.8
39-40	0.001266	97,787	124	97,725	4,292,285	43.9
40-41	0.001406	97,663	137	97,595	4,194,559	42.9
41-42	0.001539	97,526	150	97,451	4,096,965	42.0
42-43	0.001628	97,376	158	97,297	3,999,514	41.1
43-44	0.001646	97,217	160	97,137	3,902,217	40.1
44-45	0.001617	97,057	157	96,979	3,805,080	39.2
45-46	0.001564	96,900	152	96,825	3,708,101	38.3
46-47	0.001552	96,749	150	96,674	3,611,276	37.3
47-48	0.001637	96,599	158	96,520	3,514,602	36.4
48-49	0.001870	96,441	180	96,350	3,418,083	35.4
49-50	0.002228	96,260	215	96,153	3,321,732	34.5
50-51	0.002659	96,046	255	95,918	3,225,579	33.6
51-52	0.003095	95,790	296	95,642	3,129,661	32.7
52-53	0.003488	95,494	333	95,327	3,034,019	31.8

Table UT-3. Life table for females: Utah, 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	0.003775	95,161	359	94,981	2,938,692	30.9
54-55	0.003973	94,801	377	94,613	2,843,711	30.0
55-56	0.004144	94,425	391	94,229	2,749,098	29.1
56-57	0.004345	94,033	409	93,829	2,654,868	28.2
57-58	0.004579	93,625	429	93,411	2,561,039	27.4
58-59	0.004874	93,196	454	92,969	2,467,629	26.5
59-60	0.005225	92,742	485	92,500	2,374,660	25.6
60-61	0.005613	92,257	518	91,999	2,282,160	24.7
61-62	0.006008	91,740	551	91,464	2,190,161	23.9
62-63	0.006413	91,188	585	90,896	2,098,697	23.0
63-64	0.006827	90,604	619	90,294	2,007,801	22.2
64-65	0.007272	89,985	654	89,658	1,917,507	21.3
65-66	0.007769	89,331	694	88,984	1,827,849	20.5
66-67	0.008419	88,637	746	88,264	1,738,865	19.6
67-68	0.009183	87,890	807	87,487	1,650,602	18.8
68-69	0.010124	87,083	882	86,643	1,563,115	17.9
69-70	0.011272	86,202	972	85,716	1,476,472	17.1
70-71	0.012608	85,230	1,075	84,693	1,390,756	16.3
71-72	0.014169	84,156	1,192	83,559	1,306,063	15.5
72-73	0.016007	82,963	1,328	82,299	1,222,504	14.7
73-74	0.018149	81,635	1,482	80,894	1,140,205	14.0
74-75	0.020596	80,154	1,651	79,328	1,059,310	13.2
75-76	0.023333	78,503	1,832	77,587	979,982	12.5
76-77	0.026310	76,671	2,017	75,662	902,395	11.8
77-78	0.029559	74,654	2,207	73,551	826,733	11.1
78-79	0.033306	72,447	2,413	71,241	753,182	10.4
79-80	0.037732	70,034	2,643	68,713	681,942	9.7
80-81	0.042776	67,392	2,883	65,950	613,229	9.1
81-82	0.048370	64,509	3,120	62,949	547,278	8.5
82-83	0.054711	61,389	3,359	59,709	484,329	7.9
83-84	0.062477	58,030	3,626	56,217	424,620	7.3
84-85	0.072714	54,404	3,956	52,426	368,403	6.8
85-86	0.082990	50,449	4,187	48,355	315,976	6.3
86-87	0.094487	46,262	4,371	44,076	267,621	5.8
87-88	0.107285	41,891	4,494	39,644	223,545	5.3
88-89	0.121448	37,396	4,542	35,126	183,902	4.9
89-90	0.137022	32,855	4,502	30,604	148,776	4.5
90-91	0.154030	28,353	4,367	26,169	118,172	4.2
91-92	0.172461	23,986	4,137	21,917	92,003	3.8
92-93	0.192271	19,849	3,816	17,941	70,085	3.5
93-94	0.213373	16,033	3,421	14,322	52,145	3.3
94-95	0.235642	12,612	2,972	11,126	37,822	3.0
95-96	0.258907	9,640	2,496	8,392	26,697	2.8
96-97	0.282961	7,144	2,021	6,133	18,305	2.6
97-98	0.307564	5,123	1,576	4,335	12,171	2.4
98-99	0.332453	3,547	1,179	2,957	7,836	2.2
99-100	0.357351	2,368	846	1,945	4,879	2.1
100 and over	1.000000	1,522	1,522	2,934	2,934	1.9

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