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Table UT-2. Life table for males: Utah, 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	0.005696	100,000	570	99,502	7,673,551	76.7
1-2	0.000206	99,430	21	99,420	7,574,049	76.2
2-3	0.000280	99,410	28	99,396	7,474,629	75.2
3-4	0.000196	99,382	19	99,372	7,375,233	74.2
4-5	0.000116	99,363	12	99,357	7,275,861	73.2
5-6	0.000094	99,351	9	99,346	7,176,504	72.2
6-7	0.000078	99,342	8	99,338	7,077,158	71.2
7-8	0.000071	99,334	7	99,330	6,977,820	70.2
8-9	0.000067	99,327	7	99,323	6,878,489	69.3
9-10	0.000067	99,320	7	99,317	6,779,166	68.3
10-11	0.000075	99,314	7	99,310	6,679,849	67.3
11-12	0.000100	99,306	10	99,301	6,580,539	66.3
12-13	0.000154	99,296	15	99,289	6,481,238	65.3
13-14	0.000245	99,281	24	99,269	6,381,950	64.3
14-15	0.000366	99,257	36	99,238	6,282,681	63.3
15-16	0.000510	99,220	51	99,195	6,183,443	62.3
16-17	0.000654	99,170	65	99,137	6,084,248	61.4
17-18	0.000775	99,105	77	99,066	5,985,111	60.4
18-19	0.000849	99,028	84	98,986	5,886,044	59.4
19-20	0.000888	98,944	88	98,900	5,787,058	58.5
20-21	0.000919	98,856	91	98,810	5,688,159	57.5
21-22	0.000958	98,765	95	98,718	5,589,348	56.6
22-23	0.001001	98,670	99	98,621	5,490,630	55.6
23-24	0.001053	98,572	104	98,520	5,392,009	54.7
24-25	0.001115	98,468	110	98,413	5,293,490	53.8
25-26	0.001174	98,358	116	98,300	5,195,077	52.8
26-27	0.001234	98,243	121	98,182	5,096,776	51.9
27-28	0.001311	98,121	129	98,057	4,998,594	50.9
28-29	0.001413	97,993	138	97,923	4,900,537	50.0
29-30	0.001536	97,854	150	97,779	4,802,614	49.1
30-31	0.001678	97,704	164	97,622	4,704,835	48.2
31-32	0.001821	97,540	178	97,451	4,607,213	47.2
32-33	0.001959	97,362	191	97,267	4,509,762	46.3
33-34	0.002018	97,171	196	97,073	4,412,495	45.4

Table UT-2. Life table for males: Utah, 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	0.002056	96,975	199	96,876	4,315,422	44.5
35-36	0.002089	96,776	202	96,675	4,218,546	43.6
36-37	0.002129	96,574	206	96,471	4,121,871	42.7
37-38	0.002166	96,368	209	96,264	4,025,400	41.8
38-39	0.002202	96,160	212	96,054	3,929,137	40.9
39-40	0.002244	95,948	215	95,840	3,833,083	39.9
40-41	0.002282	95,732	219	95,623	3,737,243	39.0
41-42	0.002332	95,514	223	95,403	3,641,620	38.1
42-43	0.002422	95,291	231	95,176	3,546,217	37.2
43-44	0.002569	95,060	244	94,938	3,451,041	36.3
44-45	0.002773	94,816	263	94,685	3,356,103	35.4
45-46	0.003034	94,553	287	94,410	3,261,418	34.5
46-47	0.003322	94,266	313	94,110	3,167,008	33.6
47-48	0.003609	93,953	339	93,784	3,072,898	32.7
48-49	0.003861	93,614	361	93,434	2,979,115	31.8
49-50	0.004094	93,253	382	93,062	2,885,681	30.9
50-51	0.004335	92,871	403	92,670	2,792,619	30.1
51-52	0.004644	92,468	429	92,254	2,699,949	29.2
52-53	0.005057	92,039	465	91,806	2,607,696	28.3
53-54	0.005598	91,573	513	91,317	2,515,890	27.5
54-55	0.006229	91,061	567	90,777	2,424,572	26.6
55-56	0.006896	90,494	624	90,182	2,333,795	25.8
56-57	0.007554	89,870	679	89,530	2,243,614	25.0
57-58	0.008195	89,191	731	88,825	2,154,083	24.2
58-59	0.008802	88,460	779	88,070	2,065,258	23.3
59-60	0.009391	87,681	823	87,269	1,977,188	22.5
60-61	0.009990	86,858	868	86,424	1,889,918	21.8
61-62	0.010622	85,990	913	85,533	1,803,494	21.0
62-63	0.011299	85,077	961	84,596	1,717,961	20.2
63-64	0.012053	84,115	1,014	83,608	1,633,365	19.4
64-65	0.012902	83,102	1,072	82,565	1,549,757	18.6
65-66	0.013821	82,029	1,134	81,463	1,467,191	17.9
66-67	0.015088	80,896	1,221	80,285	1,385,729	17.1
67-68	0.016399	79,675	1,307	79,022	1,305,443	16.4

Table UT-2. Life table for males: Utah, 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	0.017834	78,369	1,398	77,670	1,226,421	15.6
69-70	0.019391	76,971	1,493	76,225	1,148,751	14.9
70-71	0.021104	75,478	1,593	74,682	1,072,527	14.2
71-72	0.023034	73,885	1,702	73,035	997,845	13.5
72-73	0.025227	72,184	1,821	71,273	924,810	12.8
73-74	0.027702	70,363	1,949	69,388	853,537	12.1
74-75	0.030532	68,413	2,089	67,369	784,149	11.5
75-76	0.033794	66,325	2,241	65,204	716,780	10.8
76-77	0.037658	64,083	2,413	62,877	651,576	10.2
77-78	0.042267	61,670	2,607	60,367	588,700	9.5
78-79	0.047626	59,063	2,813	57,657	528,333	8.9
79-80	0.053748	56,250	3,023	54,739	470,676	8.4
80-81	0.060546	53,227	3,223	51,616	415,937	7.8
81-82	0.068046	50,004	3,403	48,303	364,322	7.3
82-83	0.073942	46,602	3,446	44,879	316,019	6.8
83-84	0.084016	43,156	3,626	41,343	271,140	6.3
84-85	0.095241	39,530	3,765	37,648	229,797	5.8
85-86	0.107689	35,765	3,852	33,840	192,149	5.4
86-87	0.121418	31,914	3,875	29,976	158,310	5.0
87-88	0.136470	28,039	3,826	26,126	128,333	4.6
88-89	0.152865	24,212	3,701	22,362	102,208	4.2
89-90	0.170596	20,511	3,499	18,762	79,846	3.9
90-91	0.189625	17,012	3,226	15,399	61,084	3.6
91-92	0.209878	13,786	2,893	12,339	45,685	3.3
92-93	0.231246	10,893	2,519	9,633	33,346	3.1
93-94	0.253581	8,374	2,123	7,312	23,713	2.8
94-95	0.276703	6,250	1,729	5,386	16,400	2.6
95-96	0.300400	4,521	1,358	3,842	11,015	2.4
96-97	0.324438	3,163	1,026	2,650	7,173	2.3
97-98	0.348569	2,137	745	1,764	4,523	2.1
98-99	0.372541	1,392	519	1,133	2,759	2.0
99-100	0.396108	873	346	700	1,626	1.9
100 and over	1.000000	527	527	926	926	1.8

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

Table UT-3. Life table for females: Utah, 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	0.005251	100,000	525	99,511	8,061,625	80.6
1-2	0.000172	99,475	17	99,466	7,962,114	80.0
2-3	0.000126	99,458	13	99,452	7,862,648	79.1
3-4	0.000083	99,445	8	99,441	7,763,196	78.1
4-5	0.000082	99,437	8	99,433	7,663,755	77.1
5-6	0.000061	99,429	6	99,426	7,564,322	76.1
6-7	0.000058	99,423	6	99,420	7,464,896	75.1
7-8	0.000064	99,417	6	99,414	7,365,476	74.1
8-9	0.000077	99,411	8	99,407	7,266,062	73.1
9-10	0.000098	99,403	10	99,398	7,166,655	72.1
10-11	0.000122	99,393	12	99,387	7,067,257	71.1
11-12	0.000149	99,381	15	99,374	6,967,870	70.1
12-13	0.000176	99,366	18	99,358	6,868,496	69.1
13-14	0.000203	99,349	20	99,339	6,769,138	68.1
14-15	0.000230	99,329	23	99,317	6,669,799	67.1
15-16	0.000261	99,306	26	99,293	6,570,482	66.2
16-17	0.000295	99,280	29	99,265	6,471,189	65.2
17-18	0.000320	99,251	32	99,235	6,371,923	64.2
18-19	0.000331	99,219	33	99,203	6,272,688	63.2
19-20	0.000334	99,186	33	99,170	6,173,486	62.2
20-21	0.000334	99,153	33	99,137	6,074,316	61.3
21-22	0.000342	99,120	34	99,103	5,975,180	60.3
22-23	0.000363	99,086	36	99,068	5,876,077	59.3
23-24	0.000404	99,050	40	99,030	5,777,009	58.3
24-25	0.000461	99,010	46	98,987	5,677,979	57.3
25-26	0.000523	98,964	52	98,938	5,578,991	56.4
26-27	0.000586	98,913	58	98,884	5,480,053	55.4
27-28	0.000658	98,855	65	98,822	5,381,169	54.4
28-29	0.000741	98,790	73	98,753	5,282,347	53.5
29-30	0.000833	98,716	82	98,675	5,183,594	52.5
30-31	0.000941	98,634	93	98,588	5,084,919	51.6
31-32	0.001050	98,541	103	98,489	4,986,331	50.6
32-33	0.001140	98,438	112	98,382	4,887,842	49.7
33-34	0.001156	98,326	114	98,269	4,789,460	48.7

Table UT-3. Life table for females: Utah, 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	0.001149	98,212	113	98,156	4,691,191	47.8
35-36	0.001124	98,099	110	98,044	4,593,036	46.8
36-37	0.001116	97,989	109	97,934	4,494,992	45.9
37-38	0.001147	97,879	112	97,823	4,397,058	44.9
38-39	0.001234	97,767	121	97,707	4,299,234	44.0
39-40	0.001361	97,647	133	97,580	4,201,527	43.0
40-41	0.001507	97,514	147	97,440	4,103,947	42.1
41-42	0.001641	97,367	160	97,287	4,006,507	41.1
42-43	0.001751	97,207	170	97,122	3,909,220	40.2
43-44	0.001826	97,037	177	96,948	3,812,098	39.3
44-45	0.001881	96,860	182	96,768	3,715,150	38.4
45-46	0.001940	96,677	188	96,584	3,618,382	37.4
46-47	0.002027	96,490	196	96,392	3,521,798	36.5
47-48	0.002147	96,294	207	96,191	3,425,406	35.6
48-49	0.002311	96,087	222	95,976	3,329,215	34.6
49-50	0.002514	95,865	241	95,745	3,233,239	33.7
50-51	0.002752	95,624	263	95,493	3,137,494	32.8
51-52	0.003016	95,361	288	95,217	3,042,001	31.9
52-53	0.003292	95,074	313	94,917	2,946,784	31.0
53-54	0.003564	94,760	338	94,592	2,851,867	30.1
54-55	0.003833	94,423	362	94,242	2,757,275	29.2
55-56	0.004092	94,061	385	93,868	2,663,033	28.3
56-57	0.004381	93,676	410	93,471	2,569,165	27.4
57-58	0.004749	93,266	443	93,044	2,475,694	26.5
58-59	0.005224	92,823	485	92,580	2,382,650	25.7
59-60	0.005779	92,338	534	92,071	2,290,070	24.8
60-61	0.006387	91,804	586	91,511	2,197,999	23.9
61-62	0.006986	91,218	637	90,899	2,106,488	23.1
62-63	0.007536	90,580	683	90,239	2,015,589	22.3
63-64	0.008021	89,898	721	89,537	1,925,350	21.4
64-65	0.008487	89,177	757	88,798	1,835,813	20.6
65-66	0.008970	88,420	793	88,023	1,747,015	19.8
66-67	0.009684	87,627	849	87,202	1,658,991	18.9
67-68	0.010520	86,778	913	86,322	1,571,789	18.1

Table UT-3. Life table for females: Utah, 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	0.011582	85,865	994	85,368	1,485,467	17.3
69-70	0.012864	84,871	1,092	84,325	1,400,099	16.5
70-71	0.014392	83,779	1,206	83,176	1,315,774	15.7
71-72	0.016144	82,573	1,333	81,907	1,232,598	14.9
72-73	0.018064	81,240	1,468	80,506	1,150,692	14.2
73-74	0.020071	79,773	1,601	78,972	1,070,185	13.4
74-75	0.022238	78,172	1,738	77,302	991,213	12.7
75-76	0.024699	76,433	1,888	75,489	913,911	12.0
76-77	0.027696	74,545	2,065	73,513	838,422	11.2
77-78	0.031471	72,481	2,281	71,340	764,909	10.6
78-79	0.036169	70,200	2,539	68,930	693,568	9.9
79-80	0.041723	67,661	2,823	66,249	624,638	9.2
80-81	0.049067	64,838	3,181	63,247	558,389	8.6
81-82	0.055868	61,656	3,445	59,934	495,142	8.0
82-83	0.063515	58,212	3,697	56,363	435,208	7.5
83-84	0.072085	54,514	3,930	52,549	378,846	6.9
84-85	0.081655	50,585	4,130	48,519	326,296	6.5
85-86	0.092297	46,454	4,288	44,310	277,777	6.0
86-87	0.104081	42,167	4,389	39,972	233,466	5.5
87-88	0.117062	37,778	4,422	35,567	193,494	5.1
88-89	0.131284	33,355	4,379	31,166	157,928	4.7
89-90	0.146772	28,976	4,253	26,850	126,762	4.4
90-91	0.163530	24,723	4,043	22,702	99,912	4.0
91-92	0.181533	20,680	3,754	18,803	77,210	3.7
92-93	0.200728	16,926	3,398	15,227	58,406	3.5
93-94	0.221027	13,529	2,990	12,034	43,179	3.2
94-95	0.242311	10,538	2,554	9,262	31,145	3.0
95-96	0.264429	7,985	2,111	6,929	21,884	2.7
96-97	0.287199	5,873	1,687	5,030	14,954	2.5
97-98	0.310417	4,187	1,300	3,537	9,924	2.4
98-99	0.333861	2,887	964	2,405	6,388	2.2
99-100	0.357299	1,923	687	1,580	3,983	2.1
100 and over	1.000000	1,236	1,236	2,403	2,403	1.9

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