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Table UT-2. Life table for males: Utah, 2021

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	0.005006	100,000	501	99,546	7,628,965	76.3
1-2	0.000507	99,499	50	99,474	7,529,419	75.7
2-3	0.000204	99,449	20	99,439	7,429,945	74.7
3-4	0.000239	99,429	24	99,417	7,330,507	73.7
4-5	0.000078	99,405	8	99,401	7,231,090	72.7
5-6	0.000119	99,397	12	99,391	7,131,689	71.7
6-7	0.000122	99,385	12	99,379	7,032,298	70.8
7-8	0.000121	99,373	12	99,367	6,932,918	69.8
8-9	0.000110	99,361	11	99,356	6,833,551	68.8
9-10	0.000090	99,350	9	99,346	6,734,195	67.8
10-11	0.000074	99,341	7	99,338	6,634,850	66.8
11-12	0.000081	99,334	8	99,330	6,535,512	65.8
12-13	0.000133	99,326	13	99,319	6,436,182	64.8
13-14	0.000244	99,313	24	99,301	6,336,863	63.8
14-15	0.000401	99,289	40	99,269	6,237,562	62.8
15-16	0.000586	99,249	58	99,220	6,138,293	61.8
16-17	0.000766	99,191	76	99,153	6,039,074	60.9
17-18	0.000911	99,115	90	99,070	5,939,921	59.9
18-19	0.000993	99,024	98	98,975	5,840,852	59.0
19-20	0.001027	98,926	102	98,875	5,741,876	58.0
20-21	0.001050	98,824	104	98,772	5,643,001	57.1
21-22	0.001085	98,721	107	98,667	5,544,229	56.2
22-23	0.001125	98,613	111	98,558	5,445,562	55.2
23-24	0.001176	98,503	116	98,445	5,347,004	54.3
24-25	0.001239	98,387	122	98,326	5,248,559	53.3
25-26	0.001307	98,265	128	98,201	5,150,233	52.4
26-27	0.001374	98,136	135	98,069	5,052,033	51.5
27-28	0.001444	98,002	141	97,931	4,953,964	50.5
28-29	0.001514	97,860	148	97,786	4,856,033	49.6
29-30	0.001589	97,712	155	97,634	4,758,247	48.7
30-31	0.001660	97,557	162	97,476	4,660,612	47.8
31-32	0.001742	97,395	170	97,310	4,563,137	46.9
32-33	0.001883	97,225	183	97,134	4,465,827	45.9
33-34	0.002021	97,042	196	96,944	4,368,693	45.0
34-35	0.002210	96,846	214	96,739	4,271,749	44.1
35-36	0.002421	96,632	234	96,515	4,175,010	43.2
36-37	0.002615	96,398	252	96,272	4,078,496	42.3
37-38	0.002738	96,146	263	96,014	3,982,224	41.4
38-39	0.002764	95,883	265	95,750	3,886,209	40.5
39-40	0.002726	95,618	261	95,487	3,790,459	39.6
40-41	0.002663	95,357	254	95,230	3,694,972	38.7
41-42	0.002635	95,103	251	94,978	3,599,742	37.9
42-43	0.002676	94,852	254	94,725	3,504,765	36.9
43-44	0.002821	94,598	267	94,465	3,410,039	36.0
44-45	0.003061	94,332	289	94,187	3,315,574	35.1

Table UT-2. Life table for males: Utah, 2021

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
45-46	0.003371	94,043	317	93,884	3,221,387	34.3
46-47	0.003700	93,726	347	93,553	3,127,502	33.4
47-48	0.004019	93,379	375	93,191	3,033,950	32.5
48-49	0.004278	93,004	398	92,805	2,940,758	31.6
49-50	0.004494	92,606	416	92,398	2,847,954	30.8
50-51	0.004713	92,190	434	91,973	2,755,556	29.9
51-52	0.005001	91,755	459	91,526	2,663,583	29.0
52-53	0.005382	91,296	491	91,051	2,572,057	28.2
53-54	0.005892	90,805	535	90,538	2,481,007	27.3
54-55	0.006512	90,270	588	89,976	2,390,469	26.5
55-56	0.007188	89,682	645	89,360	2,300,493	25.7
56-57	0.007884	89,038	702	88,687	2,211,133	24.8
57-58	0.008599	88,336	760	87,956	2,122,446	24.0
58-59	0.009301	87,576	815	87,169	2,034,490	23.2
59-60	0.009982	86,761	866	86,328	1,947,322	22.4
60-61	0.010663	85,895	916	85,437	1,860,993	21.7
61-62	0.011359	84,980	965	84,497	1,775,556	20.9
62-63	0.012073	84,014	1,014	83,507	1,691,059	20.1
63-64	0.012839	83,000	1,066	82,467	1,607,552	19.4
64-65	0.013684	81,934	1,121	81,374	1,525,085	18.6
65-66	0.014596	80,813	1,180	80,223	1,443,711	17.9
66-67	0.015908	79,634	1,267	79,000	1,363,488	17.1
67-68	0.017205	78,367	1,348	77,693	1,284,488	16.4
68-69	0.018562	77,018	1,430	76,304	1,206,795	15.7
69-70	0.019993	75,589	1,511	74,833	1,130,491	15.0
70-71	0.021501	74,078	1,593	73,281	1,055,658	14.3
71-72	0.023163	72,485	1,679	71,645	982,377	13.6
72-73	0.025112	70,806	1,778	69,917	910,732	12.9
73-74	0.027510	69,028	1,899	68,078	840,815	12.2
74-75	0.030522	67,129	2,049	66,104	772,737	11.5
75-76	0.034180	65,080	2,224	63,968	706,632	10.9
76-77	0.038453	62,855	2,417	61,647	642,665	10.2
77-78	0.043319	60,438	2,618	59,129	581,018	9.6
78-79	0.048597	57,820	2,810	56,415	521,888	9.0
79-80	0.054224	55,010	2,983	53,519	465,473	8.5
80-81	0.060217	52,027	3,133	50,461	411,954	7.9
81-82	0.067005	48,895	3,276	47,256	361,493	7.4
82-83	0.074889	45,618	3,416	43,910	314,237	6.9
83-84	0.083924	42,202	3,542	40,431	270,326	6.4
84-85	0.094398	38,660	3,649	36,836	229,895	5.9
85-86	0.102489	35,011	3,588	33,217	193,060	5.5
86-87	0.115985	31,423	3,645	29,600	159,843	5.1
87-88	0.130845	27,778	3,635	25,961	130,243	4.7
88-89	0.147101	24,143	3,552	22,368	104,282	4.3
89-90	0.164755	20,592	3,393	18,896	81,914	4.0

Table UT-2. Life table for males: Utah, 2021

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
90-91	0.183778	17,199	3,161	15,619	63,019	3.7
91-92	0.204105	14,038	2,865	12,606	47,400	3.4
92-93	0.225630	11,173	2,521	9,913	34,794	3.1
93-94	0.248206	8,652	2,148	7,578	24,881	2.9
94-95	0.271651	6,505	1,767	5,621	17,303	2.7
95-96	0.295744	4,738	1,401	4,037	11,682	2.5
96-97	0.320242	3,337	1,068	2,802	7,645	2.3
97-98	0.344883	2,268	782	1,877	4,842	2.1
98-99	0.369397	1,486	549	1,211	2,966	2.0
99-100	0.393524	937	369	753	1,754	1.9
100 and older	1.000000	568	568	1,002	1,002	1.8

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

Table UT-3. Life table for females: Utah, 2021

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	0.004334	100,000	433	99,606	8,020,752	80.2
1-2	0.000221	99,567	22	99,556	7,921,146	79.6
2-3	0.000171	99,545	17	99,536	7,821,590	78.6
3-4	0.000084	99,528	8	99,523	7,722,054	77.6
4-5	0.000082	99,519	8	99,515	7,622,531	76.6
5-6	0.000074	99,511	7	99,507	7,523,015	75.6
6-7	0.000065	99,504	6	99,501	7,423,508	74.6
7-8	0.000064	99,497	6	99,494	7,324,007	73.6
8-9	0.000070	99,491	7	99,487	7,224,513	72.6
9-10	0.000082	99,484	8	99,480	7,125,026	71.6
10-11	0.000098	99,476	10	99,471	7,025,546	70.6
11-12	0.000116	99,466	12	99,460	6,926,075	69.6
12-13	0.000134	99,455	13	99,448	6,826,614	68.6
13-14	0.000149	99,441	15	99,434	6,727,166	67.6
14-15	0.000165	99,426	16	99,418	6,627,732	66.7
15-16	0.000183	99,410	18	99,401	6,528,314	65.7
16-17	0.000204	99,392	20	99,382	6,428,913	64.7
17-18	0.000230	99,372	23	99,360	6,329,532	63.7
18-19	0.000260	99,349	26	99,336	6,230,171	62.7
19-20	0.000293	99,323	29	99,308	6,130,836	61.7
20-21	0.000328	99,294	33	99,278	6,031,527	60.7
21-22	0.000363	99,261	36	99,243	5,932,250	59.8
22-23	0.000399	99,225	40	99,205	5,833,006	58.8
23-24	0.000435	99,186	43	99,164	5,733,801	57.8
24-25	0.000474	99,142	47	99,119	5,634,637	56.8
25-26	0.000515	99,096	51	99,070	5,535,518	55.9
26-27	0.000561	99,045	56	99,017	5,436,448	54.9
27-28	0.000617	98,989	61	98,958	5,337,431	53.9
28-29	0.000683	98,928	68	98,894	5,238,473	53.0
29-30	0.000757	98,860	75	98,823	5,139,579	52.0
30-31	0.000841	98,785	83	98,744	5,040,756	51.0
31-32	0.000926	98,702	91	98,657	4,942,012	50.1
32-33	0.001017	98,611	100	98,561	4,843,356	49.1
33-34	0.001062	98,511	105	98,458	4,744,795	48.2
34-35	0.001112	98,406	109	98,351	4,646,337	47.2
35-36	0.001156	98,296	114	98,240	4,547,986	46.3
36-37	0.001212	98,183	119	98,123	4,449,746	45.3
37-38	0.001293	98,064	127	98,000	4,351,623	44.4
38-39	0.001408	97,937	138	97,868	4,253,622	43.4
39-40	0.001547	97,799	151	97,723	4,155,754	42.5
40-41	0.001691	97,648	165	97,565	4,058,030	41.6
41-42	0.001830	97,483	178	97,394	3,960,465	40.6
42-43	0.001968	97,304	192	97,209	3,863,072	39.7
43-44	0.002113	97,113	205	97,010	3,765,863	38.8
44-45	0.002270	96,908	220	96,798	3,668,853	37.9

Table UT-3. Life table for females: Utah, 2021

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
45-46	0.002463	96,688	238	96,569	3,572,055	36.9
46-47	0.002679	96,450	258	96,320	3,475,486	36.0
47-48	0.002879	96,191	277	96,053	3,379,166	35.1
48-49	0.003034	95,914	291	95,769	3,283,113	34.2
49-50	0.003158	95,623	302	95,472	3,187,345	33.3
50-51	0.003274	95,321	312	95,165	3,091,872	32.4
51-52	0.003436	95,009	326	94,846	2,996,707	31.5
52-53	0.003681	94,683	348	94,508	2,901,861	30.6
53-54	0.004041	94,334	381	94,144	2,807,353	29.8
54-55	0.004493	93,953	422	93,742	2,713,209	28.9
55-56	0.004990	93,531	467	93,298	2,619,467	28.0
56-57	0.005488	93,064	511	92,809	2,526,170	27.1
57-58	0.005973	92,554	553	92,277	2,433,361	26.3
58-59	0.006416	92,001	590	91,706	2,341,084	25.4
59-60	0.006826	91,410	624	91,098	2,249,378	24.6
60-61	0.007230	90,786	656	90,458	2,158,280	23.8
61-62	0.007661	90,130	690	89,785	2,067,822	22.9
62-63	0.008139	89,440	728	89,076	1,978,037	22.1
63-64	0.008701	88,712	772	88,326	1,888,961	21.3
64-65	0.009359	87,940	823	87,528	1,800,635	20.5
65-66	0.010101	87,117	880	86,677	1,713,107	19.7
66-67	0.011041	86,237	952	85,761	1,626,430	18.9
67-68	0.011971	85,285	1,021	84,774	1,540,669	18.1
68-69	0.012922	84,264	1,089	83,719	1,455,895	17.3
69-70	0.013952	83,175	1,160	82,595	1,372,175	16.5
70-71	0.015106	82,015	1,239	81,395	1,289,580	15.7
71-72	0.016494	80,776	1,332	80,110	1,208,185	15.0
72-73	0.018190	79,443	1,445	78,721	1,128,076	14.2
73-74	0.020278	77,998	1,582	77,208	1,049,355	13.5
74-75	0.022835	76,417	1,745	75,544	972,147	12.7
75-76	0.025900	74,672	1,934	73,705	896,603	12.0
76-77	0.029492	72,738	2,145	71,665	822,898	11.3
77-78	0.032886	70,593	2,322	69,432	751,233	10.6
78-79	0.037465	68,271	2,558	66,992	681,801	10.0
79-80	0.042639	65,713	2,802	64,312	614,809	9.4
80-81	0.048472	62,911	3,049	61,387	550,497	8.8
81-82	0.055032	59,862	3,294	58,215	489,111	8.2
82-83	0.062391	56,568	3,529	54,803	430,896	7.6
83-84	0.070620	53,038	3,746	51,165	376,093	7.1
84-85	0.079791	49,293	3,933	47,326	324,927	6.6
85-86	0.089974	45,360	4,081	43,319	277,601	6.1
86-87	0.101232	41,278	4,179	39,189	234,282	5.7
87-88	0.113620	37,100	4,215	34,992	195,093	5.3
88-89	0.127184	32,884	4,182	30,793	160,101	4.9
89-90	0.141952	28,702	4,074	26,665	129,308	4.5

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.157933	24,628	3,890	22,683	102,643	4.2
91-92	0.175112	20,738	3,632	18,922	79,960	3.9
92-93	0.193449	17,107	3,309	15,452	61,037	3.6
93-94	0.212875	13,797	2,937	12,329	45,585	3.3
94-95	0.233289	10,860	2,534	9,594	33,257	3.1
95-96	0.254564	8,327	2,120	7,267	23,663	2.8
96-97	0.276540	6,207	1,716	5,349	16,396	2.6
97-98	0.299037	4,491	1,343	3,819	11,047	2.5
98-99	0.321854	3,148	1,013	2,641	7,228	2.3
99-100	0.344780	2,135	736	1,767	4,587	2.1
100 and older	1.000000	1,399	1,399	2,820	2,820	2.0

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.