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Table WA-2. Life table for males: Washington, 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	0.004561	100,000	456	99,584	7,579,819	75.8
1-2	0.000254	99,544	25	99,531	7,480,236	75.1
2-3	0.000200	99,519	20	99,509	7,380,704	74.2
3-4	0.000173	99,499	17	99,490	7,281,196	73.2
4-5	0.000234	99,482	23	99,470	7,181,706	72.2
5-6	0.000125	99,458	12	99,452	7,082,236	71.2
6-7	0.000113	99,446	11	99,440	6,982,784	70.2
7-8	0.000103	99,435	10	99,429	6,883,344	69.2
8-9	0.000087	99,424	9	99,420	6,783,914	68.2
9-10	0.000069	99,416	7	99,412	6,684,494	67.2
10-11	0.000057	99,409	6	99,406	6,585,082	66.2
11-12	0.000067	99,403	7	99,400	6,485,676	65.2
12-13	0.000120	99,396	12	99,391	6,386,276	64.3
13-14	0.000227	99,385	23	99,373	6,286,886	63.3
14-15	0.000378	99,362	38	99,343	6,187,512	62.3
15-16	0.000558	99,324	55	99,297	6,088,169	61.3
16-17	0.000738	99,269	73	99,232	5,988,872	60.3
17-18	0.000901	99,196	89	99,151	5,889,640	59.4
18-19	0.001026	99,106	102	99,055	5,790,489	58.4
19-20	0.001119	99,005	111	98,949	5,691,433	57.5
20-21	0.001204	98,894	119	98,834	5,592,484	56.6
21-22	0.001296	98,775	128	98,711	5,493,650	55.6
22-23	0.001383	98,647	136	98,579	5,394,939	54.7
23-24	0.001467	98,510	145	98,438	5,296,361	53.8
24-25	0.001543	98,366	152	98,290	5,197,923	52.8
25-26	0.001614	98,214	158	98,135	5,099,633	51.9
26-27	0.001674	98,056	164	97,973	5,001,498	51.0
27-28	0.001721	97,891	168	97,807	4,903,525	50.1
28-29	0.001753	97,723	171	97,637	4,805,717	49.2
29-30	0.001779	97,552	174	97,465	4,708,080	48.3
30-31	0.001802	97,378	175	97,290	4,610,615	47.3
31-32	0.001831	97,203	178	97,114	4,513,325	46.4
32-33	0.001838	97,025	178	96,936	4,416,211	45.5
33-34	0.001936	96,846	188	96,753	4,319,276	44.6
34-35	0.002016	96,659	195	96,561	4,222,523	43.7
35-36	0.002104	96,464	203	96,362	4,125,962	42.8
36-37	0.002200	96,261	212	96,155	4,029,599	41.9
37-38	0.002316	96,049	222	95,938	3,933,444	41.0
38-39	0.002457	95,827	235	95,709	3,837,506	40.0
39-40	0.002618	95,591	250	95,466	3,741,797	39.1
40-41	0.002813	95,341	268	95,207	3,646,331	38.2
41-42	0.003021	95,073	287	94,929	3,551,124	37.4
42-43	0.003207	94,786	304	94,634	3,456,195	36.5
43-44	0.003354	94,482	317	94,323	3,361,561	35.6
44-45	0.003483	94,165	328	94,001	3,267,238	34.7

Table WA-2. Life table for males: Washington, 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	0.003623	93,837	340	93,667	3,173,237	33.8
46-47	0.003818	93,497	357	93,318	3,079,570	32.9
47-48	0.004086	93,140	381	92,950	2,986,251	32.1
48-49	0.004436	92,759	411	92,554	2,893,302	31.2
49-50	0.004840	92,348	447	92,124	2,800,748	30.3
50-51	0.005262	91,901	484	91,659	2,708,624	29.5
51-52	0.005695	91,417	521	91,157	2,616,965	28.6
52-53	0.006167	90,897	561	90,616	2,525,808	27.8
53-54	0.006697	90,336	605	90,034	2,435,191	27.0
54-55	0.007293	89,731	654	89,404	2,345,158	26.1
55-56	0.007932	89,077	707	88,723	2,255,754	25.3
56-57	0.008608	88,370	761	87,990	2,167,030	24.5
57-58	0.009337	87,609	818	87,200	2,079,040	23.7
58-59	0.010105	86,791	877	86,353	1,991,840	22.9
59-60	0.010895	85,914	936	85,446	1,905,487	22.2
60-61	0.011695	84,978	994	84,482	1,820,040	21.4
61-62	0.012518	83,985	1,051	83,459	1,735,559	20.7
62-63	0.013389	82,933	1,110	82,378	1,652,100	19.9
63-64	0.014343	81,823	1,174	81,236	1,569,722	19.2
64-65	0.015395	80,649	1,242	80,029	1,488,486	18.5
65-66	0.016543	79,408	1,314	78,751	1,408,457	17.7
66-67	0.018113	78,094	1,415	77,387	1,329,706	17.0
67-68	0.019529	76,680	1,498	75,931	1,252,319	16.3
68-69	0.020858	75,182	1,568	74,398	1,176,388	15.6
69-70	0.022175	73,614	1,632	72,798	1,101,990	15.0
70-71	0.023541	71,982	1,694	71,134	1,029,193	14.3
71-72	0.025124	70,287	1,766	69,404	958,058	13.6
72-73	0.027075	68,521	1,855	67,594	888,654	13.0
73-74	0.029503	66,666	1,967	65,683	821,061	12.3
74-75	0.032433	64,699	2,098	63,650	755,378	11.7
75-76	0.035893	62,601	2,247	61,477	691,728	11.0
76-77	0.039757	60,354	2,399	59,154	630,251	10.4
77-78	0.043929	57,954	2,546	56,681	571,097	9.9
78-79	0.048344	55,408	2,679	54,069	514,416	9.3
79-80	0.053086	52,730	2,799	51,330	460,347	8.7
80-81	0.058351	49,931	2,914	48,474	409,016	8.2
81-82	0.064405	47,017	3,028	45,503	360,543	7.7
82-83	0.071434	43,989	3,142	42,418	315,040	7.2
83-84	0.079486	40,847	3,247	39,223	272,622	6.7
84-85	0.088481	37,600	3,327	35,936	233,399	6.2
85-86	0.098650	34,273	3,381	32,582	197,462	5.8
86-87	0.110025	30,892	3,399	29,193	164,880	5.3
87-88	0.125856	27,493	3,460	25,763	135,687	4.9
88-89	0.140128	24,033	3,368	22,349	109,924	4.6
89-90	0.155552	20,665	3,215	19,058	87,575	4.2

Table WA-2. Life table for males: Washington, 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	0.172120	17,451	3,004	15,949	68,517	3.9
91-92	0.189797	14,447	2,742	13,076	52,568	3.6
92-93	0.208524	11,705	2,441	10,485	39,492	3.4
93-94	0.228215	9,264	2,114	8,207	29,007	3.1
94-95	0.248755	7,150	1,779	6,261	20,800	2.9
95-96	0.270006	5,371	1,450	4,646	14,540	2.7
96-97	0.291804	3,921	1,144	3,349	9,893	2.5
97-98	0.313970	2,777	872	2,341	6,544	2.4
98-99	0.336308	1,905	641	1,585	4,203	2.2
99-100	0.358620	1,264	453	1,038	2,619	2.1
100 and older	1.000000	811	811	1,581	1,581	1.9

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

Table WA-3. Life table for females: Washington, 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	0.004017	100,000	402	99,637	8,077,440	80.8
1-2	0.000363	99,598	36	99,580	7,977,802	80.1
2-3	0.000234	99,562	23	99,550	7,878,222	79.1
3-4	0.000091	99,539	9	99,534	7,778,672	78.1
4-5	0.000112	99,530	11	99,524	7,679,137	77.2
5-6	0.000097	99,519	10	99,514	7,579,613	76.2
6-7	0.000085	99,509	8	99,505	7,480,099	75.2
7-8	0.000078	99,501	8	99,497	7,380,595	74.2
8-9	0.000076	99,493	8	99,489	7,281,098	73.2
9-10	0.000078	99,485	8	99,481	7,181,609	72.2
10-11	0.000085	99,477	8	99,473	7,082,128	71.2
11-12	0.000099	99,469	10	99,464	6,982,655	70.2
12-13	0.000121	99,459	12	99,453	6,883,191	69.2
13-14	0.000154	99,447	15	99,439	6,783,738	68.2
14-15	0.000196	99,432	19	99,422	6,684,298	67.2
15-16	0.000242	99,412	24	99,400	6,584,876	66.2
16-17	0.000292	99,388	29	99,374	6,485,476	65.3
17-18	0.000350	99,359	35	99,342	6,386,102	64.3
18-19	0.000416	99,324	41	99,304	6,286,761	63.3
19-20	0.000486	99,283	48	99,259	6,187,457	62.3
20-21	0.000565	99,235	56	99,207	6,088,198	61.4
21-22	0.000639	99,179	63	99,147	5,988,991	60.4
22-23	0.000681	99,115	67	99,082	5,889,844	59.4
23-24	0.000679	99,048	67	99,014	5,790,763	58.5
24-25	0.000651	98,981	64	98,948	5,691,749	57.5
25-26	0.000615	98,916	61	98,886	5,592,800	56.5
26-27	0.000594	98,855	59	98,826	5,493,915	55.6
27-28	0.000600	98,797	59	98,767	5,395,089	54.6
28-29	0.000642	98,737	63	98,706	5,296,322	53.6
29-30	0.000709	98,674	70	98,639	5,197,616	52.7
30-31	0.000783	98,604	77	98,566	5,098,977	51.7
31-32	0.000850	98,527	84	98,485	5,000,411	50.8
32-33	0.000896	98,443	88	98,399	4,901,926	49.8
33-34	0.000971	98,355	95	98,307	4,803,527	48.8
34-35	0.001025	98,259	101	98,209	4,705,220	47.9
35-36	0.001085	98,159	106	98,106	4,607,011	46.9
36-37	0.001153	98,052	113	97,996	4,508,905	46.0
37-38	0.001230	97,939	121	97,879	4,410,909	45.0
38-39	0.001317	97,819	129	97,754	4,313,031	44.1
39-40	0.001414	97,690	138	97,621	4,215,276	43.1
40-41	0.001525	97,552	149	97,477	4,117,655	42.2
41-42	0.001646	97,403	160	97,323	4,020,178	41.3
42-43	0.001767	97,243	172	97,157	3,922,855	40.3
43-44	0.001884	97,071	183	96,979	3,825,699	39.4
44-45	0.002004	96,888	194	96,791	3,728,720	38.5

Table WA-3. Life table for females: Washington, 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	0.002143	96,694	207	96,590	3,631,929	37.6
46-47	0.002309	96,486	223	96,375	3,535,339	36.6
47-48	0.002498	96,264	240	96,143	3,438,964	35.7
48-49	0.002705	96,023	260	95,893	3,342,820	34.8
49-50	0.002925	95,764	280	95,623	3,246,927	33.9
50-51	0.003164	95,483	302	95,332	3,151,303	33.0
51-52	0.003422	95,181	326	95,018	3,055,971	32.1
52-53	0.003693	94,856	350	94,680	2,960,953	31.2
53-54	0.003983	94,505	376	94,317	2,866,272	30.3
54-55	0.004304	94,129	405	93,926	2,771,955	29.4
55-56	0.004625	93,724	433	93,507	2,678,029	28.6
56-57	0.004985	93,290	465	93,058	2,584,522	27.7
57-58	0.005462	92,825	507	92,572	2,491,465	26.8
58-59	0.006081	92,318	561	92,037	2,398,893	26.0
59-60	0.006789	91,757	623	91,445	2,306,856	25.1
60-61	0.007556	91,134	689	90,789	2,215,411	24.3
61-62	0.008295	90,445	750	90,070	2,124,621	23.5
62-63	0.008934	89,695	801	89,294	2,034,551	22.7
63-64	0.009439	88,893	839	88,474	1,945,257	21.9
64-65	0.009871	88,054	869	87,620	1,856,783	21.1
65-66	0.010290	87,185	897	86,737	1,769,164	20.3
66-67	0.010974	86,288	947	85,815	1,682,427	19.5
67-68	0.011756	85,341	1,003	84,839	1,596,613	18.7
68-69	0.012735	84,338	1,074	83,801	1,511,773	17.9
69-70	0.013884	83,264	1,156	82,686	1,427,972	17.1
70-71	0.015132	82,108	1,242	81,486	1,345,287	16.4
71-72	0.016497	80,865	1,334	80,198	1,263,800	15.6
72-73	0.018072	79,531	1,437	78,813	1,183,602	14.9
73-74	0.019935	78,094	1,557	77,316	1,104,789	14.1
74-75	0.022140	76,537	1,695	75,690	1,027,474	13.4
75-76	0.024746	74,843	1,852	73,917	951,784	12.7
76-77	0.027749	72,991	2,025	71,978	877,867	12.0
77-78	0.031082	70,965	2,206	69,862	805,890	11.4
78-79	0.034705	68,759	2,386	67,566	736,027	10.7
79-80	0.038637	66,373	2,564	65,091	668,461	10.1
80-81	0.042948	63,809	2,740	62,438	603,370	9.5
81-82	0.047851	61,068	2,922	59,607	540,932	8.9
82-83	0.053541	58,146	3,113	56,589	481,325	8.3
83-84	0.060098	55,033	3,307	53,379	424,735	7.7
84-85	0.067543	51,725	3,494	49,979	371,356	7.2
85-86	0.076439	48,232	3,687	46,388	321,378	6.7
86-87	0.086099	44,545	3,835	42,627	274,990	6.2
87-88	0.097656	40,710	3,976	38,722	232,362	5.7
88-89	0.110469	36,734	4,058	34,705	193,641	5.3
89-90	0.124595	32,676	4,071	30,640	158,935	4.9

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.140072	28,605	4,007	26,601	128,295	4.5
91-92	0.156916	24,598	3,860	22,668	101,694	4.1
92-93	0.175111	20,738	3,631	18,922	79,025	3.8
93-94	0.194611	17,107	3,329	15,442	60,103	3.5
94-95	0.215330	13,778	2,967	12,294	44,661	3.2
95-96	0.237148	10,811	2,564	9,529	32,367	3.0
96-97	0.259903	8,247	2,143	7,175	22,838	2.8
97-98	0.283401	6,104	1,730	5,239	15,662	2.6
98-99	0.307418	4,374	1,345	3,702	10,423	2.4
99-100	0.331708	3,029	1,005	2,527	6,722	2.2
100 and older	1.000000	2,024	2,024	4,195	4,195	2.1

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