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Table WA--2. Life table for males: Washington, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005118	100,000	512	99,547	7,788,450	77.9
1-2	0.000232	99,488	23	99,477	7,688,903	77.3
2-3	0.000209	99,465	21	99,455	7,589,426	76.3
3-4	0.000166	99,444	17	99,436	7,489,972	75.3
4-5	0.000187	99,428	19	99,418	7,390,536	74.3
5-6	0.000134	99,409	13	99,402	7,291,117	73.3
6-7	0.000125	99,396	12	99,390	7,191,715	72.4
7-8	0.000115	99,383	11	99,378	7,092,325	71.4
8-9	0.000097	99,372	10	99,367	6,992,948	70.4
9-10	0.000074	99,362	7	99,359	6,893,580	69.4
10-11	0.000055	99,355	5	99,352	6,794,222	68.4
11-12	0.000056	99,349	6	99,347	6,694,870	67.4
12-13	0.000095	99,344	9	99,339	6,595,523	66.4
13-14	0.000184	99,334	18	99,325	6,496,184	65.4
14-15	0.000312	99,316	31	99,301	6,396,858	64.4
15-16	0.000461	99,285	46	99,262	6,297,558	63.4
16-17	0.000606	99,240	60	99,209	6,198,295	62.5
17-18	0.000737	99,179	73	99,143	6,099,086	61.5
18-19	0.000839	99,106	83	99,065	5,999,943	60.5
19-20	0.000914	99,023	91	98,978	5,900,878	59.6
20-21	0.000984	98,933	97	98,884	5,801,900	58.6
21-22	0.001055	98,835	104	98,783	5,703,016	57.7
22-23	0.001107	98,731	109	98,676	5,604,233	56.8
23-24	0.001138	98,622	112	98,566	5,505,557	55.8
24-25	0.001154	98,509	114	98,453	5,406,991	54.9
25-26	0.001164	98,396	114	98,338	5,308,539	54.0
26-27	0.001173	98,281	115	98,224	5,210,200	53.0
27-28	0.001185	98,166	116	98,108	5,111,977	52.1
28-29	0.001202	98,050	118	97,991	5,013,869	51.1
29-30	0.001225	97,932	120	97,872	4,915,878	50.2
30-31	0.001249	97,812	122	97,751	4,818,007	49.3
31-32	0.001277	97,690	125	97,627	4,720,256	48.3
32-33	0.001284	97,565	125	97,502	4,622,629	47.4
33-34	0.001380	97,440	135	97,372	4,525,127	46.4
34-35	0.001454	97,305	142	97,234	4,427,754	45.5
35-36	0.001539	97,163	150	97,089	4,330,520	44.6
36-37	0.001625	97,014	158	96,935	4,233,431	43.6
37-38	0.001703	96,856	165	96,774	4,136,496	42.7
38-39	0.001769	96,691	171	96,606	4,039,722	41.8
39-40	0.001831	96,520	177	96,432	3,943,117	40.9
40-41	0.001910	96,343	184	96,251	3,846,685	39.9
41-42	0.002011	96,159	193	96,063	3,750,433	39.0
42-43	0.002116	95,966	203	95,865	3,654,371	38.1
43-44	0.002216	95,763	212	95,657	3,558,506	37.2
44-45	0.002318	95,551	221	95,440	3,462,849	36.2

Table WA--2. Life table for males: Washington, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.002434	95,329	232	95,213	3,367,409	35.3
46-47	0.002584	95,097	246	94,974	3,272,196	34.4
47-48	0.002776	94,852	263	94,720	3,177,221	33.5
48-49	0.003029	94,588	286	94,445	3,082,502	32.6
49-50	0.003349	94,302	316	94,144	2,988,057	31.7
50-51	0.003708	93,986	348	93,812	2,893,913	30.8
51-52	0.004115	93,637	385	93,445	2,800,101	29.9
52-53	0.004614	93,252	430	93,037	2,706,656	29.0
53-54	0.005198	92,822	482	92,581	2,613,619	28.2
54-55	0.005824	92,339	538	92,070	2,521,039	27.3
55-56	0.006454	91,802	592	91,505	2,428,968	26.5
56-57	0.007080	91,209	646	90,886	2,337,463	25.6
57-58	0.007721	90,563	699	90,214	2,246,577	24.8
58-59	0.008395	89,864	754	89,487	2,156,363	24.0
59-60	0.009113	89,110	812	88,704	2,066,876	23.2
60-61	0.009872	88,298	872	87,862	1,978,172	22.4
61-62	0.010656	87,426	932	86,960	1,890,310	21.6
62-63	0.011467	86,494	992	85,999	1,803,350	20.8
63-64	0.012303	85,503	1,052	84,977	1,717,351	20.1
64-65	0.013176	84,451	1,113	83,894	1,632,375	19.3
65-66	0.014116	83,338	1,176	82,750	1,548,480	18.6
66-67	0.015333	82,162	1,260	81,532	1,465,731	17.8
67-68	0.016489	80,902	1,334	80,235	1,384,199	17.1
68-69	0.017636	79,568	1,403	78,866	1,303,964	16.4
69-70	0.018828	78,164	1,472	77,429	1,225,098	15.7
70-71	0.020126	76,693	1,544	75,921	1,147,670	15.0
71-72	0.021643	75,149	1,626	74,336	1,071,748	14.3
72-73	0.023475	73,523	1,726	72,660	997,412	13.6
73-74	0.025673	71,797	1,843	70,875	924,752	12.9
74-75	0.028249	69,954	1,976	68,966	853,877	12.2
75-76	0.031270	67,978	2,126	66,915	784,911	11.5
76-77	0.034751	65,852	2,288	64,708	717,997	10.9
77-78	0.038687	63,563	2,459	62,334	653,289	10.3
78-79	0.043042	61,104	2,630	59,789	590,955	9.7
79-80	0.047822	58,474	2,796	57,076	531,166	9.1
80-81	0.053137	55,678	2,959	54,199	474,090	8.5
81-82	0.059238	52,719	3,123	51,158	419,891	8.0
82-83	0.066295	49,596	3,288	47,952	368,733	7.4
83-84	0.074164	46,308	3,434	44,591	320,780	6.9
84-85	0.082885	42,874	3,554	41,097	276,189	6.4
85-86	0.093109	39,320	3,661	37,490	235,092	6.0
86-87	0.102398	35,659	3,651	33,834	197,602	5.5
87-88	0.115674	32,008	3,702	30,157	163,769	5.1
88-89	0.130275	28,305	3,687	26,462	133,612	4.7
89-90	0.146229	24,618	3,600	22,818	107,150	4.4

Table WA--2. Life table for males: Washington, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
90–91	0.163542	21,018	3,437	19,299	84,333	4.0
91–92	0.182186	17,581	3,203	15,979	65,033	3.7
92–93	0.202103	14,378	2,906	12,925	49,054	3.4
93–94	0.223193	11,472	2,560	10,192	36,129	3.1
94–95	0.245322	8,911	2,186	7,818	25,937	2.9
95–96	0.268318	6,725	1,805	5,823	18,119	2.7
96–97	0.291976	4,921	1,437	4,202	12,296	2.5
97–98	0.316064	3,484	1,101	2,933	8,093	2.3
98–99	0.340335	2,383	811	1,977	5,160	2.2
99–100	0.364532	1,572	573	1,285	3,183	2.0
100 and over	1.000000	999	999	1,897	1,897	1.9

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

Table WA-3. Life table for females: Washington, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.004161	100,000	416	99,636	8,211,816	82.1
1-2	0.000246	99,584	25	99,572	8,112,180	81.5
2-3	0.000133	99,559	13	99,553	8,012,608	80.5
3-4	0.000110	99,546	11	99,541	7,913,055	79.5
4-5	0.000066	99,535	7	99,532	7,813,515	78.5
5-6	0.000078	99,529	8	99,525	7,713,983	77.5
6-7	0.000075	99,521	7	99,517	7,614,458	76.5
7-8	0.000076	99,513	8	99,510	7,514,941	75.5
8-9	0.000079	99,506	8	99,502	7,415,431	74.5
9-10	0.000085	99,498	8	99,494	7,315,929	73.5
10-11	0.000094	99,490	9	99,485	7,216,435	72.5
11-12	0.000108	99,480	11	99,475	7,116,950	71.5
12-13	0.000130	99,469	13	99,463	7,017,476	70.5
13-14	0.000159	99,456	16	99,449	6,918,013	69.6
14-15	0.000196	99,441	20	99,431	6,818,564	68.6
15-16	0.000238	99,421	24	99,409	6,719,133	67.6
16-17	0.000280	99,397	28	99,384	6,619,724	66.6
17-18	0.000321	99,370	32	99,354	6,520,341	65.6
18-19	0.000356	99,338	35	99,320	6,420,987	64.6
19-20	0.000387	99,302	38	99,283	6,321,667	63.7
20-21	0.000419	99,264	42	99,243	6,222,384	62.7
21-22	0.000451	99,222	45	99,200	6,123,141	61.7
22-23	0.000476	99,178	47	99,154	6,023,941	60.7
23-24	0.000492	99,130	49	99,106	5,924,787	59.8
24-25	0.000501	99,082	50	99,057	5,825,680	58.8
25-26	0.000508	99,032	50	99,007	5,726,624	57.8
26-27	0.000516	98,982	51	98,956	5,627,617	56.9
27-28	0.000530	98,931	52	98,904	5,528,661	55.9
28-29	0.000553	98,878	55	98,851	5,429,756	54.9
29-30	0.000583	98,824	58	98,795	5,330,905	53.9
30-31	0.000617	98,766	61	98,736	5,232,110	53.0
31-32	0.000653	98,705	64	98,673	5,133,375	52.0
32-33	0.000672	98,641	66	98,607	5,034,702	51.0
33-34	0.000727	98,574	72	98,538	4,936,095	50.1
34-35	0.000764	98,503	75	98,465	4,837,556	49.1
35-36	0.000808	98,427	80	98,388	4,739,091	48.1
36-37	0.000858	98,348	84	98,306	4,640,704	47.2
37-38	0.000905	98,264	89	98,219	4,542,398	46.2
38-39	0.000951	98,175	93	98,128	4,444,179	45.3
39-40	0.001000	98,081	98	98,032	4,346,051	44.3
40-41	0.001058	97,983	104	97,931	4,248,019	43.4
41-42	0.001135	97,879	111	97,824	4,150,087	42.4
42-43	0.001238	97,768	121	97,708	4,052,264	41.4
43-44	0.001369	97,647	134	97,580	3,954,556	40.5
44-45	0.001518	97,514	148	97,440	3,856,975	39.6

Table WA-3. Life table for females: Washington, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.001679	97,366	163	97,284	3,759,536	38.6
46-47	0.001849	97,202	180	97,112	3,662,252	37.7
47-48	0.002032	97,022	197	96,924	3,565,140	36.7
48-49	0.002234	96,825	216	96,717	3,468,216	35.8
49-50	0.002461	96,609	238	96,490	3,371,499	34.9
50-51	0.002709	96,371	261	96,241	3,275,009	34.0
51-52	0.002978	96,110	286	95,967	3,178,769	33.1
52-53	0.003267	95,824	313	95,667	3,082,802	32.2
53-54	0.003561	95,511	340	95,341	2,987,135	31.3
54-55	0.003852	95,171	367	94,987	2,891,794	30.4
55-56	0.004144	94,804	393	94,608	2,796,807	29.5
56-57	0.004442	94,411	419	94,202	2,702,199	28.6
57-58	0.004749	93,992	446	93,769	2,607,998	27.7
58-59	0.005075	93,545	475	93,308	2,514,229	26.9
59-60	0.005430	93,071	505	92,818	2,420,921	26.0
60-61	0.005806	92,565	537	92,297	2,328,103	25.2
61-62	0.006211	92,028	572	91,742	2,235,806	24.3
62-63	0.006678	91,456	611	91,151	2,144,064	23.4
63-64	0.007226	90,846	656	90,517	2,052,913	22.6
64-65	0.007854	90,189	708	89,835	1,962,396	21.8
65-66	0.008544	89,481	764	89,099	1,872,561	20.9
66-67	0.009398	88,716	834	88,299	1,783,463	20.1
67-68	0.010269	87,883	902	87,431	1,695,163	19.3
68-69	0.011210	86,980	975	86,493	1,607,732	18.5
69-70	0.012248	86,005	1,053	85,478	1,521,239	17.7
70-71	0.013425	84,952	1,140	84,382	1,435,761	16.9
71-72	0.014768	83,811	1,238	83,192	1,351,379	16.1
72-73	0.016277	82,574	1,344	81,902	1,268,187	15.4
73-74	0.017971	81,230	1,460	80,500	1,186,285	14.6
74-75	0.019905	79,770	1,588	78,976	1,105,786	13.9
75-76	0.022113	78,182	1,729	77,318	1,026,810	13.1
76-77	0.024718	76,453	1,890	75,508	949,492	12.4
77-78	0.027828	74,563	2,075	73,526	873,984	11.7
78-79	0.031464	72,488	2,281	71,348	800,458	11.0
79-80	0.035623	70,208	2,501	68,957	729,110	10.4
80-81	0.040294	67,707	2,728	66,342	660,153	9.8
81-82	0.045477	64,978	2,955	63,501	593,811	9.1
82-83	0.049672	62,023	3,081	60,483	530,310	8.6
83-84	0.056563	58,943	3,334	57,276	469,827	8.0
84-85	0.064309	55,609	3,576	53,821	412,551	7.4
85-86	0.072990	52,032	3,798	50,134	358,731	6.9
86-87	0.082682	48,235	3,988	46,241	308,597	6.4
87-88	0.093458	44,246	4,135	42,179	262,357	5.9
88-89	0.105384	40,111	4,227	37,998	220,178	5.5
89-90	0.118519	35,884	4,253	33,758	182,180	5.1

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	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.132902	31,631	4,204	29,529	148,422	4.7
91-92	0.148558	27,427	4,075	25,390	118,893	4.3
92-93	0.165487	23,353	3,865	21,421	93,503	4.0
93-94	0.183661	19,488	3,579	17,699	72,082	3.7
94-95	0.203022	15,909	3,230	14,294	54,384	3.4
95-96	0.223479	12,679	2,834	11,262	40,090	3.2
96-97	0.244910	9,846	2,411	8,640	28,827	2.9
97-98	0.267156	7,434	1,986	6,441	20,187	2.7
98-99	0.290034	5,448	1,580	4,658	13,746	2.5
99-100	0.313335	3,868	1,212	3,262	9,088	2.3
100 and over	1.000000	2,656	2,656	5,826	5,826	2.2

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