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Table VA-2. Life table for males: Virginia, 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	0.006117	100,000	612	99,470	7,422,007	74.2
1-2	0.000465	99,388	46	99,365	7,322,537	73.7
2-3	0.000258	99,342	26	99,329	7,223,172	72.7
3-4	0.000274	99,316	27	99,303	7,123,843	71.7
4-5	0.000193	99,289	19	99,280	7,024,540	70.7
5-6	0.000155	99,270	15	99,262	6,925,261	69.8
6-7	0.000136	99,255	13	99,248	6,825,998	68.8
7-8	0.000118	99,241	12	99,235	6,726,751	67.8
8-9	0.000098	99,229	10	99,224	6,627,516	66.8
9-10	0.000077	99,220	8	99,216	6,528,291	65.8
10-11	0.000064	99,212	6	99,209	6,429,075	64.8
11-12	0.000075	99,206	7	99,202	6,329,866	63.8
12-13	0.000128	99,198	13	99,192	6,230,664	62.8
13-14	0.000231	99,186	23	99,174	6,131,473	61.8
14-15	0.000375	99,163	37	99,144	6,032,299	60.8
15-16	0.000531	99,125	53	99,099	5,933,155	59.9
16-17	0.000688	99,073	68	99,039	5,834,056	58.9
17-18	0.000853	99,005	84	98,962	5,735,017	57.9
18-19	0.001019	98,920	101	98,870	5,636,054	57.0
19-20	0.001181	98,819	117	98,761	5,537,185	56.0
20-21	0.001352	98,703	133	98,636	5,438,424	55.1
21-22	0.001513	98,569	149	98,495	5,339,788	54.2
22-23	0.001630	98,420	160	98,340	5,241,293	53.3
23-24	0.001688	98,260	166	98,177	5,142,953	52.3
24-25	0.001709	98,094	168	98,010	5,044,776	51.4
25-26	0.001709	97,926	167	97,843	4,946,766	50.5
26-27	0.001725	97,759	169	97,675	4,848,924	49.6
27-28	0.001781	97,590	174	97,503	4,751,249	48.7
28-29	0.001896	97,416	185	97,324	4,653,746	47.8
29-30	0.002053	97,232	200	97,132	4,556,422	46.9
30-31	0.002222	97,032	216	96,924	4,459,290	46.0
31-32	0.002375	96,817	230	96,702	4,362,365	45.1
32-33	0.002498	96,587	241	96,466	4,265,664	44.2
33-34	0.002577	96,345	248	96,221	4,169,198	43.3
34-35	0.002626	96,097	252	95,971	4,072,976	42.4
35-36	0.002673	95,845	256	95,717	3,977,005	41.5
36-37	0.002735	95,589	261	95,458	3,881,289	40.6
37-38	0.002803	95,327	267	95,194	3,785,831	39.7
38-39	0.002884	95,060	274	94,923	3,690,637	38.8
39-40	0.002980	94,786	282	94,645	3,595,714	37.9
40-41	0.003092	94,503	292	94,357	3,501,070	37.0
41-42	0.003221	94,211	303	94,059	3,406,713	36.2
42-43	0.003379	93,908	317	93,749	3,312,653	35.3
43-44	0.003572	93,590	334	93,423	3,218,904	34.4
44-45	0.003803	93,256	355	93,079	3,125,481	33.5

Table VA-2. Life table for males: Virginia, 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	0.004088	92,901	380	92,712	3,032,402	32.6
46-47	0.004412	92,522	408	92,318	2,939,690	31.8
47-48	0.004738	92,113	436	91,895	2,847,373	30.9
48-49	0.005041	91,677	462	91,446	2,755,478	30.1
49-50	0.005336	91,215	487	90,972	2,664,032	29.2
50-51	0.005624	90,728	510	90,473	2,573,060	28.4
51-52	0.005978	90,218	539	89,948	2,482,587	27.5
52-53	0.006478	89,679	581	89,388	2,392,639	26.7
53-54	0.007170	89,098	639	88,778	2,303,251	25.9
54-55	0.008007	88,459	708	88,105	2,214,473	25.0
55-56	0.008889	87,750	780	87,360	2,126,368	24.2
56-57	0.009755	86,970	848	86,546	2,039,008	23.4
57-58	0.010638	86,122	916	85,664	1,952,461	22.7
58-59	0.011531	85,206	982	84,715	1,866,797	21.9
59-60	0.012440	84,223	1,048	83,700	1,782,083	21.2
60-61	0.013409	83,176	1,115	82,618	1,698,383	20.4
61-62	0.014416	82,060	1,183	81,469	1,615,765	19.7
62-63	0.015406	80,877	1,246	80,255	1,534,296	19.0
63-64	0.016374	79,632	1,304	78,980	1,454,041	18.3
64-65	0.017366	78,328	1,360	77,648	1,375,062	17.6
65-66	0.018428	76,967	1,418	76,258	1,297,414	16.9
66-67	0.019987	75,549	1,510	74,794	1,221,156	16.2
67-68	0.021561	74,039	1,596	73,241	1,146,362	15.5
68-69	0.023208	72,443	1,681	71,602	1,073,121	14.8
69-70	0.024918	70,761	1,763	69,880	1,001,519	14.2
70-71	0.026660	68,998	1,840	68,078	931,639	13.5
71-72	0.028536	67,159	1,916	66,201	863,560	12.9
72-73	0.030700	65,242	2,003	64,241	797,360	12.2
73-74	0.033324	63,239	2,107	62,186	733,119	11.6
74-75	0.036491	61,132	2,231	60,017	670,934	11.0
75-76	0.040165	58,901	2,366	57,718	610,917	10.4
76-77	0.044366	56,535	2,508	55,281	553,199	9.8
77-78	0.049245	54,027	2,661	52,697	497,917	9.2
78-79	0.054797	51,367	2,815	49,959	445,221	8.7
79-80	0.060857	48,552	2,955	47,075	395,261	8.1
80-81	0.067236	45,597	3,066	44,064	348,187	7.6
81-82	0.074027	42,531	3,148	40,957	304,122	7.2
82-83	0.081600	39,383	3,214	37,776	263,165	6.7
83-84	0.090299	36,169	3,266	34,536	225,389	6.2
84-85	0.100223	32,903	3,298	31,254	190,853	5.8
85-86	0.111435	29,606	3,299	27,956	159,599	5.4
86-87	0.126218	26,306	3,320	24,646	131,643	5.0
87-88	0.139590	22,986	3,209	21,382	106,996	4.7
88-89	0.153975	19,778	3,045	18,255	85,614	4.3
89-90	0.169367	16,732	2,834	15,315	67,360	4.0

Table VA-2. Life table for males: Virginia, 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	0.185739	13,898	2,581	12,608	52,044	3.7
91-92	0.203048	11,317	2,298	10,168	39,437	3.5
92-93	0.221229	9,019	1,995	8,021	29,269	3.2
93-94	0.240193	7,024	1,687	6,180	21,247	3.0
94-95	0.259835	5,337	1,387	4,643	15,067	2.8
95-96	0.280029	3,950	1,106	3,397	10,424	2.6
96-97	0.300632	2,844	855	2,416	7,027	2.5
97-98	0.321490	1,989	639	1,669	4,610	2.3
98-99	0.342442	1,350	462	1,118	2,941	2.2
99-100	0.363322	887	322	726	1,823	2.1
100 and older	1.000000	565	565	1,096	1,096	1.9

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

Table VA-3. Life table for females: Virginia, 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	0.005703	100,000	570	99,509	7,935,811	79.4
1-2	0.000316	99,430	31	99,414	7,836,302	78.8
2-3	0.000291	99,398	29	99,384	7,736,888	77.8
3-4	0.000062	99,369	6	99,366	7,637,504	76.9
4-5	0.000102	99,363	10	99,358	7,538,137	75.9
5-6	0.000100	99,353	10	99,348	7,438,779	74.9
6-7	0.000086	99,343	9	99,339	7,339,431	73.9
7-8	0.000077	99,335	8	99,331	7,240,092	72.9
8-9	0.000074	99,327	7	99,323	7,140,762	71.9
9-10	0.000077	99,320	8	99,316	7,041,438	70.9
10-11	0.000086	99,312	9	99,308	6,942,123	69.9
11-12	0.000100	99,303	10	99,298	6,842,815	68.9
12-13	0.000119	99,293	12	99,288	6,743,517	67.9
13-14	0.000143	99,282	14	99,274	6,644,229	66.9
14-15	0.000172	99,267	17	99,259	6,544,955	65.9
15-16	0.000205	99,250	20	99,240	6,445,696	64.9
16-17	0.000244	99,230	24	99,218	6,346,456	64.0
17-18	0.000289	99,206	29	99,191	6,247,238	63.0
18-19	0.000342	99,177	34	99,160	6,148,046	62.0
19-20	0.000402	99,143	40	99,123	6,048,886	61.0
20-21	0.000464	99,103	46	99,080	5,949,763	60.0
21-22	0.000529	99,057	52	99,031	5,850,683	59.1
22-23	0.000600	99,005	59	98,975	5,751,652	58.1
23-24	0.000676	98,945	67	98,912	5,652,676	57.1
24-25	0.000755	98,879	75	98,841	5,553,764	56.2
25-26	0.000837	98,804	83	98,763	5,454,923	55.2
26-27	0.000916	98,721	90	98,676	5,356,161	54.3
27-28	0.000981	98,631	97	98,582	5,257,485	53.3
28-29	0.001026	98,534	101	98,484	5,158,902	52.4
29-30	0.001058	98,433	104	98,381	5,060,419	51.4
30-31	0.001088	98,329	107	98,275	4,962,038	50.5
31-32	0.001122	98,222	110	98,167	4,863,762	49.5
32-33	0.001157	98,112	113	98,055	4,765,595	48.6
33-34	0.001209	97,998	118	97,939	4,667,541	47.6
34-35	0.001264	97,880	124	97,818	4,569,602	46.7
35-36	0.001323	97,756	129	97,691	4,471,784	45.7
36-37	0.001387	97,627	135	97,559	4,374,092	44.8
37-38	0.001464	97,491	143	97,420	4,276,533	43.9
38-39	0.001558	97,349	152	97,273	4,179,113	42.9
39-40	0.001666	97,197	162	97,116	4,081,840	42.0
40-41	0.001789	97,035	174	96,948	3,984,724	41.1
41-42	0.001920	96,861	186	96,768	3,887,776	40.1
42-43	0.002059	96,675	199	96,576	3,791,008	39.2
43-44	0.002203	96,476	213	96,370	3,694,432	38.3
44-45	0.002357	96,264	227	96,150	3,598,062	37.4

Table VA-3. Life table for females: Virginia, 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	0.002542	96,037	244	95,915	3,501,911	36.5
46-47	0.002752	95,793	264	95,661	3,405,997	35.6
47-48	0.002949	95,529	282	95,388	3,310,336	34.7
48-49	0.003116	95,248	297	95,099	3,214,947	33.8
49-50	0.003268	94,951	310	94,796	3,119,848	32.9
50-51	0.003419	94,640	324	94,479	3,025,052	32.0
51-52	0.003614	94,317	341	94,146	2,930,574	31.1
52-53	0.003893	93,976	366	93,793	2,836,427	30.2
53-54	0.004280	93,610	401	93,410	2,742,634	29.3
54-55	0.004754	93,210	443	92,988	2,649,224	28.4
55-56	0.005251	92,766	487	92,523	2,556,236	27.6
56-57	0.005752	92,279	531	92,014	2,463,714	26.7
57-58	0.006300	91,748	578	91,459	2,371,700	25.9
58-59	0.006901	91,170	629	90,856	2,280,240	25.0
59-60	0.007550	90,541	684	90,200	2,189,384	24.2
60-61	0.008266	89,858	743	89,486	2,099,185	23.4
61-62	0.009008	89,115	803	88,714	2,009,699	22.6
62-63	0.009716	88,312	858	87,883	1,920,985	21.8
63-64	0.010369	87,454	907	87,001	1,833,102	21.0
64-65	0.011012	86,547	953	86,071	1,746,101	20.2
65-66	0.011678	85,594	1,000	85,095	1,660,030	19.4
66-67	0.012633	84,595	1,069	84,060	1,574,936	18.6
67-68	0.013723	83,526	1,146	82,953	1,490,875	17.8
68-69	0.015015	82,380	1,237	81,761	1,407,922	17.1
69-70	0.016468	81,143	1,336	80,475	1,326,161	16.3
70-71	0.018014	79,807	1,438	79,088	1,245,686	15.6
71-72	0.019659	78,369	1,541	77,599	1,166,599	14.9
72-73	0.021482	76,828	1,650	76,003	1,089,000	14.2
73-74	0.023565	75,178	1,772	74,292	1,012,997	13.5
74-75	0.025985	73,406	1,907	72,453	938,705	12.8
75-76	0.028737	71,499	2,055	70,471	866,252	12.1
76-77	0.031784	69,444	2,207	68,341	795,781	11.5
77-78	0.035231	67,237	2,369	66,053	727,440	10.8
78-79	0.039175	64,868	2,541	63,598	661,387	10.2
79-80	0.043621	62,327	2,719	60,968	597,790	9.6
80-81	0.048466	59,608	2,889	58,164	536,822	9.0
81-82	0.053849	56,719	3,054	55,192	478,659	8.4
82-83	0.060080	53,665	3,224	52,053	423,467	7.9
83-84	0.067317	50,441	3,396	48,743	371,414	7.4
84-85	0.075610	47,045	3,557	45,267	322,671	6.9
85-86	0.085695	43,488	3,727	41,625	277,404	6.4
86-87	0.096115	39,761	3,822	37,851	235,779	5.9
87-88	0.107567	35,940	3,866	34,007	197,929	5.5
88-89	0.120097	32,074	3,852	30,148	163,922	5.1
89-90	0.133737	28,222	3,774	26,335	133,774	4.7

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.148505	24,448	3,631	22,632	107,439	4.4
91-92	0.164401	20,817	3,422	19,106	84,807	4.1
92-93	0.181403	17,395	3,155	15,817	65,701	3.8
93-94	0.199465	14,239	2,840	12,819	49,884	3.5
94-95	0.218516	11,399	2,491	10,154	37,065	3.3
95-96	0.238457	8,908	2,124	7,846	26,911	3.0
96-97	0.259166	6,784	1,758	5,905	19,065	2.8
97-98	0.280495	5,026	1,410	4,321	13,161	2.6
98-99	0.302278	3,616	1,093	3,070	8,840	2.4
99-100	0.324331	2,523	818	2,114	5,770	2.3
100 and older	1.000000	1,705	1,705	3,656	3,656	2.1

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