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Table VA-2. Life table for males: Virginia, 2022

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	0.006412	100,000	641	99,437	7,502,164	75.0
1-2	0.000366	99,359	36	99,341	7,402,727	74.5
2-3	0.000360	99,322	36	99,305	7,303,386	73.5
3-4	0.000237	99,287	23	99,275	7,204,082	72.6
4-5	0.000175	99,263	17	99,255	7,104,807	71.6
5-6	0.000159	99,246	16	99,238	7,005,552	70.6
6-7	0.000140	99,230	14	99,223	6,906,314	69.6
7-8	0.000123	99,216	12	99,210	6,807,091	68.6
8-9	0.000104	99,204	10	99,199	6,707,881	67.6
9-10	0.000082	99,194	8	99,190	6,608,682	66.6
10-11	0.000069	99,186	7	99,182	6,509,493	65.6
11-12	0.000080	99,179	8	99,175	6,410,311	64.6
12-13	0.000136	99,171	13	99,164	6,311,136	63.6
13-14	0.000246	99,157	24	99,145	6,211,972	62.6
14-15	0.000395	99,133	39	99,113	6,112,827	61.7
15-16	0.000561	99,094	56	99,066	6,013,714	60.7
16-17	0.000722	99,038	71	99,002	5,914,648	59.7
17-18	0.000869	98,967	86	98,924	5,815,645	58.8
18-19	0.000989	98,881	98	98,832	5,716,722	57.8
19-20	0.001087	98,783	107	98,729	5,617,890	56.9
20-21	0.001183	98,676	117	98,617	5,519,161	55.9
21-22	0.001282	98,559	126	98,496	5,420,543	55.0
22-23	0.001370	98,433	135	98,365	5,322,048	54.1
23-24	0.001449	98,298	142	98,226	5,223,683	53.1
24-25	0.001527	98,155	150	98,080	5,125,456	52.2
25-26	0.001597	98,005	157	97,927	5,027,376	51.3
26-27	0.001674	97,849	164	97,767	4,929,449	50.4
27-28	0.001778	97,685	174	97,598	4,831,682	49.5
28-29	0.001914	97,511	187	97,418	4,734,084	48.5
29-30	0.002068	97,325	201	97,224	4,636,665	47.6
30-31	0.002231	97,124	217	97,015	4,539,441	46.7
31-32	0.002378	96,907	230	96,792	4,442,426	45.8
32-33	0.002495	96,676	241	96,556	4,345,635	45.0
33-34	0.002524	96,435	243	96,313	4,249,079	44.1
34-35	0.002528	96,192	243	96,070	4,152,765	43.2
35-36	0.002519	95,949	242	95,828	4,056,695	42.3
36-37	0.002527	95,707	242	95,586	3,960,868	41.4
37-38	0.002563	95,465	245	95,343	3,865,282	40.5
38-39	0.002642	95,220	252	95,095	3,769,939	39.6
39-40	0.002755	94,969	262	94,838	3,674,845	38.7
40-41	0.002893	94,707	274	94,570	3,580,007	37.8
41-42	0.003035	94,433	287	94,290	3,485,437	36.9
42-43	0.003174	94,147	299	93,997	3,391,147	36.0

Table VA-2. Life table for males: Virginia, 2022

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
43-44	0.003305	93,848	310	93,693	3,297,150	35.1
44-45	0.003443	93,538	322	93,377	3,203,457	34.2
45-46	0.003610	93,216	337	93,047	3,110,080	33.4
46-47	0.003829	92,879	356	92,701	3,017,033	32.5
47-48	0.004101	92,523	379	92,334	2,924,332	31.6
48-49	0.004423	92,144	408	91,940	2,831,998	30.7
49-50	0.004779	91,736	438	91,517	2,740,058	29.9
50-51	0.005157	91,298	471	91,063	2,648,541	29.0
51-52	0.005563	90,827	505	90,575	2,557,478	28.2
52-53	0.006010	90,322	543	90,051	2,466,903	27.3
53-54	0.006514	89,779	585	89,487	2,376,853	26.5
54-55	0.007085	89,194	632	88,878	2,287,366	25.6
55-56	0.007680	88,562	680	88,222	2,198,487	24.8
56-57	0.008323	87,882	731	87,516	2,110,265	24.0
57-58	0.009090	87,151	792	86,755	2,022,749	23.2
58-59	0.010001	86,359	864	85,927	1,935,994	22.4
59-60	0.011017	85,495	942	85,024	1,850,067	21.6
60-61	0.012084	84,553	1,022	84,042	1,765,043	20.9
61-62	0.013156	83,531	1,099	82,982	1,681,001	20.1
62-63	0.014232	82,432	1,173	81,846	1,598,019	19.4
63-64	0.015320	81,259	1,245	80,637	1,516,174	18.7
64-65	0.016454	80,014	1,317	79,356	1,435,537	17.9
65-66	0.017709	78,698	1,394	78,001	1,356,181	17.2
66-67	0.019419	77,304	1,501	76,553	1,278,180	16.5
67-68	0.020981	75,803	1,590	75,008	1,201,627	15.9
68-69	0.022406	74,212	1,663	73,381	1,126,619	15.2
69-70	0.023785	72,550	1,726	71,687	1,053,238	14.5
70-71	0.025187	70,824	1,784	69,932	981,551	13.9
71-72	0.026791	69,040	1,850	68,115	911,619	13.2
72-73	0.028750	67,191	1,932	66,225	843,504	12.6
73-74	0.031181	65,259	2,035	64,241	777,279	11.9
74-75	0.034133	63,224	2,158	62,145	713,038	11.3
75-76	0.037502	61,066	2,290	59,921	650,893	10.7
76-77	0.041240	58,776	2,424	57,564	590,972	10.1
77-78	0.045554	56,352	2,567	55,068	533,408	9.5
78-79	0.050559	53,785	2,719	52,425	478,340	8.9
79-80	0.056414	51,066	2,881	49,625	425,914	8.3
80-81	0.063105	48,185	3,041	46,664	376,289	7.8
81-82	0.070417	45,144	3,179	43,555	329,625	7.3
82-83	0.077094	41,965	3,235	40,348	286,070	6.8
83-84	0.086588	38,730	3,354	37,053	245,723	6.3
84-85	0.097059	35,376	3,434	33,660	208,670	5.9
85-86	0.108559	31,943	3,468	30,209	175,010	5.5

Table VA-2. Life table for males: Virginia, 2022

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
86–87	0.121133	28,475	3,449	26,750	144,801	5.1
87–88	0.134810	25,026	3,374	23,339	118,051	4.7
88–89	0.149609	21,652	3,239	20,032	94,712	4.4
89–90	0.165526	18,413	3,048	16,889	74,679	4.1
90–91	0.182539	15,365	2,805	13,963	57,790	3.8
91–92	0.200601	12,560	2,520	11,300	43,828	3.5
92–93	0.219639	10,041	2,205	8,938	32,527	3.2
93–94	0.239555	7,835	1,877	6,897	23,589	3.0
94–95	0.260226	5,958	1,551	5,183	16,693	2.8
95–96	0.281505	4,408	1,241	3,787	11,510	2.6
96–97	0.303226	3,167	960	2,687	7,722	2.4
97–98	0.325208	2,207	718	1,848	5,035	2.3
98–99	0.347260	1,489	517	1,231	3,187	2.1
99–100	0.369192	972	359	793	1,957	2.0
100 and older	1.000000	613	613	1,164	1,164	1.9

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

Table VA-3. Life table for females: Virginia, 2022

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	0.005830	100,000	583	99,485	7,990,577	79.9
1–2	0.000383	99,417	38	99,398	7,891,092	79.4
2–3	0.000126	99,379	13	99,373	7,791,694	78.4
3–4	0.000207	99,366	21	99,356	7,692,321	77.4
4–5	0.000123	99,346	12	99,340	7,592,965	76.4
5–6	0.000172	99,334	17	99,325	7,493,626	75.4
6–7	0.000182	99,316	18	99,307	7,394,301	74.5
7–8	0.000180	99,298	18	99,289	7,294,993	73.5
8–9	0.000164	99,281	16	99,272	7,195,704	72.5
9–10	0.000136	99,264	13	99,257	7,096,431	71.5
10–11	0.000104	99,251	10	99,246	6,997,174	70.5
11–12	0.000083	99,240	8	99,236	6,897,928	69.5
12–13	0.000090	99,232	9	99,228	6,798,692	68.5
13–14	0.000134	99,223	13	99,217	6,699,464	67.5
14–15	0.000203	99,210	20	99,200	6,600,248	66.5
15–16	0.000285	99,190	28	99,176	6,501,048	65.5
16–17	0.000359	99,161	36	99,144	6,401,872	64.6
17–18	0.000411	99,126	41	99,105	6,302,729	63.6
18–19	0.000431	99,085	43	99,064	6,203,623	62.6
19–20	0.000432	99,042	43	99,021	6,104,560	61.6
20–21	0.000426	99,000	42	98,979	6,005,539	60.7
21–22	0.000432	98,957	43	98,936	5,906,560	59.7
22–23	0.000459	98,915	45	98,892	5,807,624	58.7
23–24	0.000515	98,869	51	98,844	5,708,732	57.7
24–25	0.000594	98,818	59	98,789	5,609,888	56.8
25–26	0.000684	98,760	68	98,726	5,511,099	55.8
26–27	0.000771	98,692	76	98,654	5,412,373	54.8
27–28	0.000849	98,616	84	98,574	5,313,719	53.9
28–29	0.000908	98,532	89	98,488	5,215,145	52.9
29–30	0.000951	98,443	94	98,396	5,116,657	52.0
30–31	0.000991	98,349	97	98,300	5,018,261	51.0
31–32	0.001037	98,252	102	98,201	4,919,961	50.1
32–33	0.001093	98,150	107	98,096	4,821,760	49.1
33–34	0.001151	98,043	113	97,986	4,723,664	48.2
34–35	0.001222	97,930	120	97,870	4,625,678	47.2
35–36	0.001299	97,810	127	97,746	4,527,808	46.3
36–37	0.001376	97,683	134	97,616	4,430,061	45.4
37–38	0.001450	97,548	141	97,478	4,332,446	44.4
38–39	0.001516	97,407	148	97,333	4,234,968	43.5
39–40	0.001580	97,259	154	97,183	4,137,635	42.5
40–41	0.001652	97,106	160	97,026	4,040,452	41.6
41–42	0.001736	96,945	168	96,861	3,943,427	40.7
42–43	0.001826	96,777	177	96,689	3,846,565	39.7

Table VA-3. Life table for females: Virginia, 2022

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
43-44	0.001924	96,600	186	96,507	3,749,877	38.8
44-45	0.002038	96,414	196	96,316	3,653,370	37.9
45-46	0.002177	96,218	209	96,113	3,557,053	37.0
46-47	0.002345	96,008	225	95,896	3,460,940	36.0
47-48	0.002540	95,783	243	95,662	3,365,044	35.1
48-49	0.002753	95,540	263	95,408	3,269,383	34.2
49-50	0.002978	95,277	284	95,135	3,173,974	33.3
50-51	0.003205	94,993	304	94,841	3,078,839	32.4
51-52	0.003457	94,689	327	94,525	2,983,998	31.5
52-53	0.003766	94,361	355	94,184	2,889,473	30.6
53-54	0.004152	94,006	390	93,811	2,795,289	29.7
54-55	0.004603	93,616	431	93,400	2,701,479	28.9
55-56	0.005093	93,185	475	92,948	2,608,078	28.0
56-57	0.005588	92,710	518	92,451	2,515,131	27.1
57-58	0.006074	92,192	560	91,912	2,422,680	26.3
58-59	0.006533	91,632	599	91,333	2,330,767	25.4
59-60	0.006983	91,034	636	90,716	2,239,435	24.6
60-61	0.007445	90,398	673	90,061	2,148,719	23.8
61-62	0.007956	89,725	714	89,368	2,058,657	22.9
62-63	0.008539	89,011	760	88,631	1,969,290	22.1
63-64	0.009227	88,251	814	87,844	1,880,659	21.3
64-65	0.010024	87,437	876	86,998	1,792,815	20.5
65-66	0.010914	86,560	945	86,088	1,705,817	19.7
66-67	0.012041	85,615	1,031	85,100	1,619,729	18.9
67-68	0.013151	84,585	1,112	84,028	1,534,629	18.1
68-69	0.014268	83,472	1,191	82,877	1,450,600	17.4
69-70	0.015444	82,281	1,271	81,646	1,367,724	16.6
70-71	0.016716	81,010	1,354	80,333	1,286,078	15.9
71-72	0.018180	79,656	1,448	78,932	1,205,745	15.1
72-73	0.019941	78,208	1,560	77,428	1,126,813	14.4
73-74	0.022058	76,649	1,691	75,803	1,049,384	13.7
74-75	0.024523	74,958	1,838	74,039	973,581	13.0
75-76	0.027236	73,120	1,992	72,124	899,542	12.3
76-77	0.030201	71,128	2,148	70,054	827,418	11.6
77-78	0.033601	68,980	2,318	67,821	757,364	11.0
78-79	0.037545	66,662	2,503	65,411	689,543	10.3
79-80	0.042055	64,159	2,698	62,810	624,132	9.7
80-81	0.047100	61,461	2,895	60,014	561,322	9.1
81-82	0.052723	58,566	3,088	57,022	501,308	8.6
82-83	0.059077	55,479	3,277	53,840	444,286	8.0
83-84	0.066152	52,201	3,453	50,474	390,446	7.5
84-85	0.074168	48,748	3,616	46,940	339,972	7.0
85-86	0.083375	45,132	3,763	43,251	293,032	6.5

Table VA-3. Life table for females: Virginia, 2022

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
86–87	0.092223	41,369	3,815	39,462	249,781	6.0
87–88	0.103629	37,554	3,892	35,608	210,319	5.6
88–89	0.116162	33,662	3,910	31,707	174,711	5.2
89–90	0.129860	29,752	3,864	27,820	143,003	4.8
90–91	0.144749	25,889	3,747	24,015	115,183	4.4
91–92	0.160834	22,141	3,561	20,361	91,168	4.1
92–93	0.178096	18,580	3,309	16,926	70,808	3.8
93–94	0.196491	15,271	3,001	13,771	53,882	3.5
94–95	0.215947	12,270	2,650	10,946	40,111	3.3
95–96	0.236360	9,621	2,274	8,484	29,166	3.0
96–97	0.257600	7,347	1,893	6,400	20,682	2.8
97–98	0.279510	5,454	1,525	4,692	14,281	2.6
98–99	0.301907	3,930	1,186	3,337	9,589	2.4
99–100	0.324594	2,743	890	2,298	6,253	2.3
100 and older	1.000000	1,853	1,853	3,955	3,955	2.1

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