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Table NC-2. Life table for males: North Carolina, 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	0.007583	100,000	758	99,334	7,198,562	72.0
1-2	0.000469	99,242	47	99,218	7,099,228	71.5
2-3	0.000249	99,195	25	99,183	7,000,009	70.6
3-4	0.000247	99,170	24	99,158	6,900,826	69.6
4-5	0.000130	99,146	13	99,139	6,801,668	68.6
5-6	0.000150	99,133	15	99,126	6,702,529	67.6
6-7	0.000148	99,118	15	99,111	6,603,403	66.6
7-8	0.000141	99,103	14	99,096	6,504,292	65.6
8-9	0.000119	99,089	12	99,084	6,405,196	64.6
9-10	0.000087	99,078	9	99,073	6,306,112	63.6
10-11	0.000062	99,069	6	99,066	6,207,039	62.7
11-12	0.000069	99,063	7	99,060	6,107,973	61.7
12-13	0.000138	99,056	14	99,049	6,008,913	60.7
13-14	0.000285	99,042	28	99,028	5,909,864	59.7
14-15	0.000490	99,014	49	98,990	5,810,836	58.7
15-16	0.000723	98,966	72	98,930	5,711,846	57.7
16-17	0.000949	98,894	94	98,847	5,612,916	56.8
17-18	0.001152	98,800	114	98,743	5,514,069	55.8
18-19	0.001314	98,686	130	98,622	5,415,326	54.9
19-20	0.001446	98,557	143	98,485	5,316,704	53.9
20-21	0.001568	98,414	154	98,337	5,218,219	53.0
21-22	0.001705	98,260	168	98,176	5,119,882	52.1
22-23	0.001871	98,092	184	98,001	5,021,705	51.2
23-24	0.002081	97,909	204	97,807	4,923,705	50.3
24-25	0.002319	97,705	227	97,592	4,825,898	49.4
25-26	0.002576	97,479	251	97,353	4,728,306	48.5
26-27	0.002814	97,227	274	97,091	4,630,953	47.6
27-28	0.002995	96,954	290	96,809	4,533,862	46.8
28-29	0.003094	96,664	299	96,514	4,437,053	45.9
29-30	0.003131	96,365	302	96,214	4,340,539	45.0
30-31	0.003149	96,063	302	95,912	4,244,325	44.2
31-32	0.003182	95,760	305	95,608	4,148,414	43.3
32-33	0.003246	95,456	310	95,301	4,052,806	42.5
33-34	0.003322	95,146	316	94,988	3,957,505	41.6
34-35	0.003441	94,830	326	94,667	3,862,517	40.7
35-36	0.003572	94,503	338	94,335	3,767,851	39.9
36-37	0.003702	94,166	349	93,992	3,673,516	39.0
37-38	0.003840	93,817	360	93,637	3,579,525	38.2
38-39	0.003981	93,457	372	93,271	3,485,888	37.3
39-40	0.004127	93,085	384	92,893	3,392,617	36.4
40-41	0.004299	92,701	399	92,501	3,299,724	35.6
41-42	0.004491	92,302	415	92,095	3,207,223	34.7
42-43	0.004679	91,888	430	91,673	3,115,128	33.9
43-44	0.004856	91,458	444	91,236	3,023,455	33.1
44-45	0.005042	91,014	459	90,784	2,932,220	32.2

Table NC-2. Life table for males: North Carolina, 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	0.005254	90,555	476	90,317	2,841,435	31.4
46-47	0.005521	90,079	497	89,830	2,751,119	30.5
47-48	0.005858	89,582	525	89,319	2,661,288	29.7
48-49	0.006271	89,057	559	88,778	2,571,969	28.9
49-50	0.006743	88,498	597	88,200	2,483,192	28.1
50-51	0.007230	87,902	636	87,584	2,394,992	27.2
51-52	0.007748	87,266	676	86,928	2,307,408	26.4
52-53	0.008357	86,590	724	86,228	2,220,480	25.6
53-54	0.009090	85,866	781	85,476	2,134,252	24.9
54-55	0.009934	85,086	845	84,663	2,048,776	24.1
55-56	0.010830	84,241	912	83,784	1,964,113	23.3
56-57	0.011749	83,328	979	82,839	1,880,328	22.6
57-58	0.012713	82,349	1,047	81,826	1,797,490	21.8
58-59	0.013708	81,302	1,115	80,745	1,715,664	21.1
59-60	0.014723	80,188	1,181	79,597	1,634,919	20.4
60-61	0.015798	79,007	1,248	78,383	1,555,322	19.7
61-62	0.016899	77,759	1,314	77,102	1,476,939	19.0
62-63	0.017950	76,445	1,372	75,759	1,399,837	18.3
63-64	0.018936	75,073	1,422	74,362	1,324,078	17.6
64-65	0.019913	73,651	1,467	72,918	1,249,716	17.0
65-66	0.020914	72,185	1,510	71,430	1,176,798	16.3
66-67	0.022337	70,675	1,579	69,886	1,105,368	15.6
67-68	0.023879	69,096	1,650	68,271	1,035,482	15.0
68-69	0.025626	67,446	1,728	66,582	967,211	14.3
69-70	0.027537	65,718	1,810	64,813	900,629	13.7
70-71	0.029520	63,908	1,887	62,965	835,816	13.1
71-72	0.031613	62,022	1,961	61,041	772,851	12.5
72-73	0.033961	60,061	2,040	59,041	711,810	11.9
73-74	0.036657	58,021	2,127	56,958	652,769	11.3
74-75	0.039776	55,894	2,223	54,783	595,811	10.7
75-76	0.043387	53,671	2,329	52,507	541,029	10.1
76-77	0.047547	51,342	2,441	50,122	488,522	9.5
77-78	0.052301	48,901	2,558	47,622	438,400	9.0
78-79	0.057642	46,344	2,671	45,008	390,778	8.4
79-80	0.063598	43,672	2,777	42,284	345,770	7.9
80-81	0.070140	40,895	2,868	39,461	303,487	7.4
81-82	0.077528	38,026	2,948	36,552	264,026	6.9
82-83	0.086007	35,078	3,017	33,570	227,474	6.5
83-84	0.095577	32,061	3,064	30,529	193,904	6.0
84-85	0.106031	28,997	3,075	27,460	163,375	5.6
85-86	0.115259	25,922	2,988	24,429	135,915	5.2
86-87	0.128615	22,935	2,950	21,460	111,486	4.9
87-88	0.143117	19,985	2,860	18,555	90,027	4.5
88-89	0.158772	17,125	2,719	15,765	71,472	4.2
89-90	0.175565	14,406	2,529	13,141	55,707	3.9

Table NC-2. Life table for males: North Carolina, 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	0.193458	11,877	2,298	10,728	42,565	3.6
91-92	0.212386	9,579	2,034	8,562	31,837	3.3
92-93	0.232257	7,545	1,752	6,668	23,276	3.1
93-94	0.252951	5,792	1,465	5,060	16,607	2.9
94-95	0.274325	4,327	1,187	3,734	11,548	2.7
95-96	0.296212	3,140	930	2,675	7,814	2.5
96-97	0.318428	2,210	704	1,858	5,139	2.3
97-98	0.340778	1,506	513	1,250	3,281	2.2
98-99	0.363060	993	360	813	2,031	2.0
99-100	0.385078	632	244	511	1,219	1.9
100 and older	1.000000	389	389	708	708	1.8

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

Table NC-3. Life table for females: North Carolina, 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	0.005939	100,000	594	99,471	7,789,727	77.9
1-2	0.000280	99,406	28	99,392	7,690,256	77.4
2-3	0.000295	99,378	29	99,364	7,590,863	76.4
3-4	0.000223	99,349	22	99,338	7,491,500	75.4
4-5	0.000136	99,327	13	99,320	7,392,162	74.4
5-6	0.000132	99,313	13	99,307	7,292,842	73.4
6-7	0.000108	99,300	11	99,295	7,193,535	72.4
7-8	0.000092	99,290	9	99,285	7,094,240	71.5
8-9	0.000081	99,280	8	99,276	6,994,955	70.5
9-10	0.000077	99,272	8	99,268	6,895,679	69.5
10-11	0.000081	99,265	8	99,261	6,796,410	68.5
11-12	0.000094	99,257	9	99,252	6,697,150	67.5
12-13	0.000121	99,247	12	99,241	6,597,898	66.5
13-14	0.000163	99,235	16	99,227	6,498,657	65.5
14-15	0.000218	99,219	22	99,208	6,399,429	64.5
15-16	0.000279	99,197	28	99,184	6,300,221	63.5
16-17	0.000343	99,170	34	99,153	6,201,038	62.5
17-18	0.000411	99,136	41	99,115	6,101,885	61.6
18-19	0.000483	99,095	48	99,071	6,002,769	60.6
19-20	0.000558	99,047	55	99,020	5,903,698	59.6
20-21	0.000639	98,992	63	98,960	5,804,679	58.6
21-22	0.000725	98,929	72	98,893	5,705,719	57.7
22-23	0.000805	98,857	80	98,817	5,606,826	56.7
23-24	0.000878	98,777	87	98,734	5,508,009	55.8
24-25	0.000944	98,691	93	98,644	5,409,275	54.8
25-26	0.001007	98,597	99	98,548	5,310,631	53.9
26-27	0.001074	98,498	106	98,445	5,212,083	52.9
27-28	0.001153	98,392	113	98,336	5,113,638	52.0
28-29	0.001246	98,279	122	98,218	5,015,302	51.0
29-30	0.001348	98,156	132	98,090	4,917,085	50.1
30-31	0.001457	98,024	143	97,953	4,818,994	49.2
31-32	0.001560	97,881	153	97,805	4,721,042	48.2
32-33	0.001641	97,729	160	97,648	4,623,237	47.3
33-34	0.001712	97,568	167	97,485	4,525,588	46.4
34-35	0.001766	97,401	172	97,315	4,428,104	45.5
35-36	0.001816	97,229	177	97,141	4,330,789	44.5
36-37	0.001883	97,053	183	96,961	4,233,648	43.6
37-38	0.001981	96,870	192	96,774	4,136,687	42.7
38-39	0.002119	96,678	205	96,575	4,039,913	41.8
39-40	0.002287	96,473	221	96,363	3,943,337	40.9
40-41	0.002475	96,252	238	96,133	3,846,975	40.0
41-42	0.002661	96,014	255	95,886	3,750,841	39.1
42-43	0.002825	95,759	270	95,623	3,654,955	38.2
43-44	0.002956	95,488	282	95,347	3,559,332	37.3
44-45	0.003070	95,206	292	95,060	3,463,985	36.4

Table NC-3. Life table for females: North Carolina, 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	0.003206	94,914	304	94,761	3,368,925	35.5
46-47	0.003375	94,609	319	94,450	3,274,163	34.6
47-48	0.003556	94,290	335	94,122	3,179,714	33.7
48-49	0.003746	93,955	352	93,779	3,085,591	32.8
49-50	0.003954	93,603	370	93,418	2,991,812	32.0
50-51	0.004161	93,233	388	93,039	2,898,395	31.1
51-52	0.004411	92,845	410	92,640	2,805,356	30.2
52-53	0.004773	92,435	441	92,215	2,712,716	29.3
53-54	0.005282	91,994	486	91,751	2,620,502	28.5
54-55	0.005906	91,508	540	91,238	2,528,751	27.6
55-56	0.006585	90,968	599	90,668	2,437,513	26.8
56-57	0.007262	90,369	656	90,040	2,346,845	26.0
57-58	0.007930	89,712	711	89,357	2,256,805	25.2
58-59	0.008562	89,001	762	88,620	2,167,448	24.4
59-60	0.009169	88,239	809	87,834	2,078,828	23.6
60-61	0.009801	87,430	857	87,001	1,990,994	22.8
61-62	0.010469	86,573	906	86,120	1,903,992	22.0
62-63	0.011142	85,667	955	85,189	1,817,873	21.2
63-64	0.011829	84,712	1,002	84,211	1,732,683	20.5
64-65	0.012552	83,710	1,051	83,185	1,648,472	19.7
65-66	0.013324	82,659	1,101	82,109	1,565,288	18.9
66-67	0.014319	81,558	1,168	80,974	1,483,179	18.2
67-68	0.015353	80,390	1,234	79,773	1,402,205	17.4
68-69	0.016474	79,156	1,304	78,504	1,322,432	16.7
69-70	0.017690	77,852	1,377	77,163	1,243,928	16.0
70-71	0.018970	76,475	1,451	75,749	1,166,765	15.3
71-72	0.020425	75,024	1,532	74,258	1,091,016	14.5
72-73	0.022224	73,492	1,633	72,675	1,016,758	13.8
73-74	0.024479	71,858	1,759	70,979	944,083	13.1
74-75	0.027233	70,099	1,909	69,145	873,104	12.5
75-76	0.030492	68,190	2,079	67,151	803,960	11.8
76-77	0.034172	66,111	2,259	64,981	736,809	11.1
77-78	0.038227	63,852	2,441	62,631	671,828	10.5
78-79	0.042540	61,411	2,612	60,105	609,196	9.9
79-80	0.047079	58,798	2,768	57,414	549,092	9.3
80-81	0.051954	56,030	2,911	54,575	491,677	8.8
81-82	0.057501	53,119	3,054	51,592	437,103	8.2
82-83	0.063855	50,065	3,197	48,466	385,510	7.7
83-84	0.071153	46,868	3,335	45,201	337,044	7.2
84-85	0.079458	43,533	3,459	41,804	291,843	6.7
85-86	0.089109	40,074	3,571	38,289	250,040	6.2
86-87	0.101696	36,503	3,712	34,647	211,751	5.8
87-88	0.113038	32,791	3,707	30,938	177,104	5.4
88-89	0.125366	29,084	3,646	27,261	146,166	5.0
89-90	0.138700	25,438	3,528	23,674	118,905	4.7

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.153052	21,910	3,353	20,233	95,231	4.3
91-92	0.168416	18,557	3,125	16,994	74,998	4.0
92-93	0.184766	15,431	2,851	14,006	58,004	3.8
93-94	0.202061	12,580	2,542	11,309	43,998	3.5
94-95	0.220234	10,038	2,211	8,933	32,689	3.3
95-96	0.239200	7,827	1,872	6,891	23,757	3.0
96-97	0.258853	5,955	1,541	5,184	16,865	2.8
97-98	0.279066	4,414	1,232	3,798	11,681	2.6
98-99	0.299698	3,182	954	2,705	7,883	2.5
99-100	0.320593	2,228	714	1,871	5,178	2.3
100 and older	1.000000	1,514	1,514	3,307	3,307	2.2

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