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Table NC-2. Life table for males: North Carolina, 2018

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	0.007859	100,000	786	99,326	7,491,154	74.9
1-2	0.000418	99,214	41	99,193	7,391,828	74.5
2-3	0.000320	99,173	32	99,157	7,292,635	73.5
3-4	0.000160	99,141	16	99,133	7,193,478	72.6
4-5	0.000239	99,125	24	99,113	7,094,345	71.6
5-6	0.000174	99,101	17	99,093	6,995,232	70.6
6-7	0.000153	99,084	15	99,077	6,896,139	69.6
7-8	0.000134	99,069	13	99,062	6,797,062	68.6
8-9	0.000115	99,056	11	99,050	6,698,000	67.6
9-10	0.000098	99,044	10	99,039	6,598,950	66.6
10-11	0.000090	99,035	9	99,030	6,499,911	65.6
11-12	0.000100	99,026	10	99,021	6,400,881	64.6
12-13	0.000138	99,016	14	99,009	6,301,860	63.6
13-14	0.000211	99,002	21	98,992	6,202,851	62.7
14-15	0.000313	98,981	31	98,966	6,103,859	61.7
15-16	0.000422	98,950	42	98,929	6,004,894	60.7
16-17	0.000537	98,908	53	98,882	5,905,964	59.7
17-18	0.000677	98,855	67	98,822	5,807,082	58.7
18-19	0.000845	98,788	83	98,747	5,708,261	57.8
19-20	0.001028	98,705	102	98,654	5,609,514	56.8
20-21	0.001221	98,603	120	98,543	5,510,860	55.9
21-22	0.001401	98,483	138	98,414	5,412,316	55.0
22-23	0.001543	98,345	152	98,269	5,313,902	54.0
23-24	0.001631	98,193	160	98,113	5,215,633	53.1
24-25	0.001679	98,033	165	97,951	5,117,520	52.2
25-26	0.001715	97,869	168	97,785	5,019,569	51.3
26-27	0.001757	97,701	172	97,615	4,921,784	50.4
27-28	0.001801	97,529	176	97,441	4,824,170	49.5
28-29	0.001853	97,353	180	97,263	4,726,728	48.6
29-30	0.001915	97,173	186	97,080	4,629,465	47.6
30-31	0.001979	96,987	192	96,891	4,532,385	46.7
31-32	0.002043	96,795	198	96,696	4,435,494	45.8
32-33	0.002111	96,597	204	96,495	4,338,798	44.9
33-34	0.002197	96,393	212	96,288	4,242,302	44.0
34-35	0.002283	96,182	220	96,072	4,146,015	43.1
35-36	0.002378	95,962	228	95,848	4,049,943	42.2
36-37	0.002475	95,734	237	95,615	3,954,095	41.3
37-38	0.002558	95,497	244	95,375	3,858,480	40.4
38-39	0.002623	95,253	250	95,128	3,763,105	39.5
39-40	0.002681	95,003	255	94,875	3,667,977	38.6
40-41	0.002754	94,748	261	94,618	3,573,102	37.7
41-42	0.002854	94,487	270	94,352	3,478,484	36.8
42-43	0.002974	94,217	280	94,077	3,384,132	35.9
43-44	0.003111	93,937	292	93,791	3,290,054	35.0
44-45	0.003266	93,645	306	93,492	3,196,263	34.1

Table NC-2. Life table for males: North Carolina, 2018

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	0.003440	93,339	321	93,179	3,102,771	33.2
46-47	0.003646	93,018	339	92,849	3,009,592	32.4
47-48	0.003902	92,679	362	92,498	2,916,744	31.5
48-49	0.004230	92,317	391	92,122	2,824,246	30.6
49-50	0.004638	91,927	426	91,714	2,732,123	29.7
50-51	0.005092	91,501	466	91,268	2,640,410	28.9
51-52	0.005598	91,035	510	90,780	2,549,142	28.0
52-53	0.006204	90,525	562	90,244	2,458,362	27.2
53-54	0.006906	89,963	621	89,653	2,368,118	26.3
54-55	0.007669	89,342	685	88,999	2,278,466	25.5
55-56	0.008449	88,657	749	88,282	2,189,466	24.7
56-57	0.009242	87,908	812	87,502	2,101,184	23.9
57-58	0.010071	87,095	877	86,657	2,013,682	23.1
58-59	0.010952	86,218	944	85,746	1,927,026	22.4
59-60	0.011890	85,274	1,014	84,767	1,841,280	21.6
60-61	0.012907	84,260	1,088	83,716	1,756,513	20.8
61-62	0.013951	83,172	1,160	82,592	1,672,796	20.1
62-63	0.014946	82,012	1,226	81,399	1,590,204	19.4
63-64	0.015850	80,786	1,280	80,146	1,508,805	18.7
64-65	0.016704	79,506	1,328	78,842	1,428,659	18.0
65-66	0.017570	78,178	1,374	77,491	1,349,817	17.3
66-67	0.018738	76,804	1,439	76,085	1,272,326	16.6
67-68	0.020017	75,365	1,509	74,611	1,196,241	15.9
68-69	0.021485	73,856	1,587	73,063	1,121,630	15.2
69-70	0.023133	72,270	1,672	71,434	1,048,567	14.5
70-71	0.024918	70,598	1,759	69,718	977,134	13.8
71-72	0.026879	68,839	1,850	67,914	907,415	13.2
72-73	0.029128	66,988	1,951	66,013	839,502	12.5
73-74	0.031742	65,037	2,064	64,005	773,489	11.9
74-75	0.034778	62,973	2,190	61,878	709,484	11.3
75-76	0.038258	60,783	2,325	59,620	647,606	10.7
76-77	0.042234	58,457	2,469	57,223	587,986	10.1
77-78	0.046702	55,988	2,615	54,681	530,763	9.5
78-79	0.051597	53,374	2,754	51,997	476,082	8.9
79-80	0.057036	50,620	2,887	49,176	424,086	8.4
80-81	0.063156	47,733	3,015	46,225	374,909	7.9
81-82	0.070045	44,718	3,132	43,152	328,684	7.4
82-83	0.077755	41,586	3,233	39,969	285,532	6.9
83-84	0.086418	38,352	3,314	36,695	245,563	6.4
84-85	0.099396	35,038	3,483	33,297	208,868	6.0
85-86	0.110042	31,555	3,472	29,819	175,572	5.6
86-87	0.121583	28,083	3,414	26,376	145,753	5.2
87-88	0.134044	24,668	3,307	23,015	119,377	4.8
88-89	0.147436	21,362	3,149	19,787	96,362	4.5
89-90	0.161760	18,212	2,946	16,739	76,575	4.2

Table NC-2. Life table for males: North Carolina, 2018

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	0.177000	15,266	2,702	13,915	59,836	3.9
91-92	0.193128	12,564	2,426	11,351	45,921	3.7
92-93	0.210095	10,138	2,130	9,073	34,570	3.4
93-94	0.227835	8,008	1,824	7,096	25,497	3.2
94-95	0.246264	6,183	1,523	5,422	18,401	3.0
95-96	0.265284	4,661	1,236	4,042	12,980	2.8
96-97	0.284777	3,424	975	2,937	8,937	2.6
97-98	0.304616	2,449	746	2,076	6,000	2.5
98-99	0.324662	1,703	553	1,427	3,924	2.3
99-100	0.344771	1,150	397	952	2,498	2.2
100 and over	1.000000	754	754	1,546	1,546	2.1

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

Table NC-3. Life table for females: North Carolina, 2018

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	0.005478	100,000	548	99,516	8,019,769	80.2
1-2	0.000303	99,452	30	99,437	7,920,254	79.6
2-3	0.000218	99,422	22	99,411	7,820,817	78.7
3-4	0.000117	99,400	12	99,395	7,721,405	77.7
4-5	0.000150	99,389	15	99,381	7,622,011	76.7
5-6	0.000114	99,374	11	99,368	7,522,630	75.7
6-7	0.000099	99,362	10	99,358	7,423,261	74.7
7-8	0.000093	99,353	9	99,348	7,323,904	73.7
8-9	0.000098	99,343	10	99,338	7,224,556	72.7
9-10	0.000114	99,334	11	99,328	7,125,217	71.7
10-11	0.000135	99,322	13	99,316	7,025,889	70.7
11-12	0.000158	99,309	16	99,301	6,926,574	69.7
12-13	0.000176	99,293	17	99,284	6,827,273	68.8
13-14	0.000184	99,276	18	99,267	6,727,989	67.8
14-15	0.000189	99,257	19	99,248	6,628,722	66.8
15-16	0.000193	99,239	19	99,229	6,529,474	65.8
16-17	0.000205	99,219	20	99,209	6,430,245	64.8
17-18	0.000235	99,199	23	99,187	6,331,036	63.8
18-19	0.000288	99,176	29	99,162	6,231,848	62.8
19-20	0.000358	99,147	36	99,130	6,132,687	61.9
20-21	0.000440	99,112	44	99,090	6,033,557	60.9
21-22	0.000519	99,068	51	99,043	5,934,467	59.9
22-23	0.000585	99,017	58	98,988	5,835,425	58.9
23-24	0.000629	98,959	62	98,928	5,736,437	58.0
24-25	0.000658	98,897	65	98,864	5,637,509	57.0
25-26	0.000679	98,831	67	98,798	5,538,645	56.0
26-27	0.000708	98,764	70	98,729	5,439,847	55.1
27-28	0.000756	98,695	75	98,657	5,341,118	54.1
28-29	0.000833	98,620	82	98,579	5,242,461	53.2
29-30	0.000934	98,538	92	98,492	5,143,882	52.2
30-31	0.001051	98,446	103	98,394	5,045,390	51.3
31-32	0.001163	98,342	114	98,285	4,946,996	50.3
32-33	0.001236	98,228	121	98,167	4,848,711	49.4
33-34	0.001292	98,107	127	98,043	4,750,544	48.4
34-35	0.001304	97,980	128	97,916	4,652,500	47.5
35-36	0.001311	97,852	128	97,788	4,554,584	46.5
36-37	0.001333	97,724	130	97,659	4,456,797	45.6
37-38	0.001363	97,593	133	97,527	4,359,138	44.7
38-39	0.001408	97,460	137	97,392	4,261,611	43.7
39-40	0.001469	97,323	143	97,252	4,164,219	42.8
40-41	0.001546	97,180	150	97,105	4,066,967	41.8
41-42	0.001636	97,030	159	96,951	3,969,862	40.9
42-43	0.001739	96,871	168	96,787	3,872,911	40.0
43-44	0.001850	96,703	179	96,613	3,776,124	39.0
44-45	0.001970	96,524	190	96,429	3,679,511	38.1

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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	0.002096	96,334	202	96,233	3,583,082	37.2
46-47	0.002244	96,132	216	96,024	3,486,849	36.3
47-48	0.002435	95,916	234	95,799	3,390,826	35.4
48-49	0.002685	95,683	257	95,554	3,295,026	34.4
49-50	0.002995	95,426	286	95,283	3,199,472	33.5
50-51	0.003340	95,140	318	94,981	3,104,189	32.6
51-52	0.003706	94,822	351	94,646	3,009,209	31.7
52-53	0.004097	94,471	387	94,277	2,914,562	30.9
53-54	0.004493	94,084	423	93,872	2,820,285	30.0
54-55	0.004885	93,661	458	93,432	2,726,413	29.1
55-56	0.005280	93,203	492	92,957	2,632,981	28.2
56-57	0.005685	92,711	527	92,448	2,540,023	27.4
57-58	0.006092	92,184	562	91,903	2,447,576	26.6
58-59	0.006509	91,622	596	91,324	2,355,673	25.7
59-60	0.006947	91,026	632	90,710	2,264,348	24.9
60-61	0.007420	90,394	671	90,058	2,173,638	24.0
61-62	0.007923	89,723	711	89,368	2,083,580	23.2
62-63	0.008449	89,012	752	88,636	1,994,212	22.4
63-64	0.008995	88,260	794	87,863	1,905,576	21.6
64-65	0.009576	87,466	838	87,047	1,817,713	20.8
65-66	0.010198	86,629	883	86,187	1,730,666	20.0
66-67	0.010986	85,745	942	85,274	1,644,479	19.2
67-68	0.011884	84,803	1,008	84,299	1,559,205	18.4
68-69	0.012946	83,795	1,085	83,253	1,474,906	17.6
69-70	0.014190	82,710	1,174	82,124	1,391,653	16.8
70-71	0.015585	81,537	1,271	80,901	1,309,529	16.1
71-72	0.017137	80,266	1,375	79,578	1,228,628	15.3
72-73	0.018920	78,891	1,493	78,144	1,149,049	14.6
73-74	0.021004	77,398	1,626	76,585	1,070,905	13.8
74-75	0.023445	75,772	1,776	74,884	994,320	13.1
75-76	0.026258	73,996	1,943	73,024	919,435	12.4
76-77	0.029389	72,053	2,118	70,994	846,411	11.7
77-78	0.032879	69,935	2,299	68,786	775,417	11.1
78-79	0.036825	67,636	2,491	66,391	706,631	10.4
79-80	0.041263	65,145	2,688	63,801	640,241	9.8
80-81	0.046143	62,457	2,882	61,016	576,439	9.2
81-82	0.051573	59,575	3,072	58,039	515,423	8.7
82-83	0.057733	56,503	3,262	54,872	457,384	8.1
83-84	0.064093	53,241	3,412	51,535	402,512	7.6
84-85	0.072328	49,828	3,604	48,026	350,978	7.0
85-86	0.081478	46,224	3,766	44,341	302,951	6.6
86-87	0.091608	42,458	3,889	40,513	258,610	6.1
87-88	0.102775	38,569	3,964	36,587	218,097	5.7
88-89	0.115032	34,605	3,981	32,614	181,510	5.2
89-90	0.128418	30,624	3,933	28,658	148,895	4.9

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	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
90-91	0.142957	26,691	3,816	24,784	120,238	4.5
91-92	0.158658	22,876	3,629	21,061	95,454	4.2
92-93	0.175505	19,246	3,378	17,557	74,393	3.9
93-94	0.193460	15,868	3,070	14,333	56,836	3.6
94-95	0.212457	12,799	2,719	11,439	42,502	3.3
95-96	0.232403	10,079	2,342	8,908	31,063	3.1
96-97	0.253178	7,737	1,959	6,758	22,155	2.9
97-98	0.274635	5,778	1,587	4,985	15,398	2.7
98-99	0.296607	4,191	1,243	3,570	10,413	2.5
99-100	0.318907	2,948	940	2,478	6,843	2.3
100 and over	1.000000	2,008	2,008	4,365	4,365	2.2

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