

U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2024):
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Table NY-2. Life table for males: New York, 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	0.004513	100,000	451	99,612	7,628,508	76.3
1-2	0.000287	99,549	29	99,534	7,528,896	75.6
2-3	0.000178	99,520	18	99,511	7,429,361	74.7
3-4	0.000186	99,502	18	99,493	7,329,850	73.7
4-5	0.000193	99,484	19	99,474	7,230,357	72.7
5-6	0.000139	99,465	14	99,458	7,130,883	71.7
6-7	0.000124	99,451	12	99,445	7,031,425	70.7
7-8	0.000108	99,439	11	99,433	6,931,980	69.7
8-9	0.000090	99,428	9	99,423	6,832,547	68.7
9-10	0.000072	99,419	7	99,415	6,733,123	67.7
10-11	0.000059	99,412	6	99,409	6,633,708	66.7
11-12	0.000059	99,406	6	99,403	6,534,299	65.7
12-13	0.000083	99,400	8	99,396	6,434,896	64.7
13-14	0.000136	99,392	14	99,385	6,335,500	63.7
14-15	0.000212	99,378	21	99,368	6,236,115	62.8
15-16	0.000298	99,357	30	99,342	6,136,748	61.8
16-17	0.000388	99,327	39	99,308	6,037,406	60.8
17-18	0.000488	99,289	48	99,265	5,938,097	59.8
18-19	0.000596	99,241	59	99,211	5,838,833	58.8
19-20	0.000712	99,181	71	99,146	5,739,622	57.9
20-21	0.000835	99,111	83	99,069	5,640,476	56.9
21-22	0.000963	99,028	95	98,980	5,541,406	56.0
22-23	0.001088	98,933	108	98,879	5,442,426	55.0
23-24	0.001205	98,825	119	98,766	5,343,547	54.1
24-25	0.001311	98,706	129	98,641	5,244,781	53.1
25-26	0.001412	98,577	139	98,507	5,146,140	52.2
26-27	0.001510	98,437	149	98,363	5,047,633	51.3
27-28	0.001600	98,289	157	98,210	4,949,270	50.4
28-29	0.001683	98,131	165	98,049	4,851,060	49.4
29-30	0.001759	97,966	172	97,880	4,753,011	48.5
30-31	0.001834	97,794	179	97,704	4,655,131	47.6
31-32	0.001909	97,615	186	97,521	4,557,426	46.7
32-33	0.001961	97,428	191	97,333	4,459,905	45.8
33-34	0.002062	97,237	201	97,137	4,362,572	44.9
34-35	0.002147	97,037	208	96,933	4,265,435	44.0
35-36	0.002237	96,828	217	96,720	4,168,503	43.1
36-37	0.002335	96,612	226	96,499	4,071,782	42.1
37-38	0.002449	96,386	236	96,268	3,975,284	41.2
38-39	0.002580	96,150	248	96,026	3,879,015	40.3
39-40	0.002727	95,902	261	95,771	3,782,989	39.4
40-41	0.002904	95,640	278	95,502	3,687,218	38.6
41-42	0.003092	95,363	295	95,215	3,591,717	37.7
42-43	0.003248	95,068	309	94,913	3,496,501	36.8
43-44	0.003356	94,759	318	94,600	3,401,588	35.9
44-45	0.003439	94,441	325	94,279	3,306,988	35.0

Table NY-2. Life table for males: New York, 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	0.003528	94,116	332	93,950	3,212,709	34.1
46-47	0.003676	93,784	345	93,612	3,118,759	33.3
47-48	0.003916	93,439	366	93,256	3,025,147	32.4
48-49	0.004266	93,073	397	92,875	2,931,891	31.5
49-50	0.004688	92,676	434	92,459	2,839,016	30.6
50-51	0.005121	92,242	472	92,006	2,746,557	29.8
51-52	0.005555	91,770	510	91,515	2,654,551	28.9
52-53	0.006026	91,260	550	90,985	2,563,036	28.1
53-54	0.006548	90,710	594	90,413	2,472,051	27.3
54-55	0.007115	90,116	641	89,795	2,381,638	26.4
55-56	0.007702	89,475	689	89,130	2,291,843	25.6
56-57	0.008301	88,786	737	88,417	2,202,713	24.8
57-58	0.008941	88,049	787	87,655	2,114,295	24.0
58-59	0.009627	87,261	840	86,841	2,026,640	23.2
59-60	0.010353	86,421	895	85,974	1,939,799	22.4
60-61	0.011120	85,527	951	85,051	1,853,825	21.7
61-62	0.011911	84,575	1,007	84,072	1,768,774	20.9
62-63	0.012718	83,568	1,063	83,037	1,684,702	20.2
63-64	0.013551	82,505	1,118	81,946	1,601,666	19.4
64-65	0.014441	81,387	1,175	80,800	1,519,719	18.7
65-66	0.015419	80,212	1,237	79,594	1,438,920	17.9
66-67	0.016783	78,975	1,325	78,312	1,359,326	17.2
67-68	0.018142	77,650	1,409	76,945	1,281,014	16.5
68-69	0.019522	76,241	1,488	75,497	1,204,068	15.8
69-70	0.020954	74,753	1,566	73,969	1,128,571	15.1
70-71	0.022463	73,186	1,644	72,364	1,054,602	14.4
71-72	0.024162	71,542	1,729	70,678	982,238	13.7
72-73	0.026174	69,814	1,827	68,900	911,560	13.1
73-74	0.028612	67,986	1,945	67,014	842,660	12.4
74-75	0.031537	66,041	2,083	65,000	775,646	11.7
75-76	0.034960	63,958	2,236	62,840	710,646	11.1
76-77	0.038801	61,722	2,395	60,525	647,805	10.5
77-78	0.043068	59,328	2,555	58,050	587,280	9.9
78-79	0.047683	56,772	2,707	55,419	529,230	9.3
79-80	0.052681	54,065	2,848	52,641	473,811	8.8
80-81	0.058128	51,217	2,977	49,729	421,170	8.2
81-82	0.064267	48,240	3,100	46,690	371,442	7.7
82-83	0.071392	45,140	3,223	43,528	324,752	7.2
83-84	0.079669	41,917	3,340	40,247	281,223	6.7
84-85	0.089284	38,578	3,444	36,855	240,976	6.2
85-86	0.103713	35,133	3,644	33,311	204,120	5.8
86-87	0.114606	31,490	3,609	29,685	170,809	5.4
87-88	0.126388	27,881	3,524	26,119	141,124	5.1
88-89	0.139075	24,357	3,387	22,663	115,005	4.7
89-90	0.152676	20,969	3,202	19,369	92,342	4.4

Table NY-2. Life table for males: New York, 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	0.167185	17,768	2,971	16,283	72,973	4.1
91-92	0.182584	14,797	2,702	13,447	56,691	3.8
92-93	0.198836	12,096	2,405	10,893	43,244	3.6
93-94	0.215890	9,691	2,092	8,645	32,351	3.3
94-95	0.233676	7,598	1,776	6,711	23,707	3.1
95-96	0.252107	5,823	1,468	5,089	16,996	2.9
96-97	0.271082	4,355	1,181	3,765	11,907	2.7
97-98	0.290485	3,174	922	2,713	8,142	2.6
98-99	0.310188	2,252	699	1,903	5,429	2.4
99-100	0.330054	1,554	513	1,297	3,526	2.3
100 and older	1.000000	1,041	1,041	2,229	2,229	2.1

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

Table NY-3. Life table for females: New York, 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	0.003716	100,000	372	99,677	8,163,924	81.6
1-2	0.000206	99,628	21	99,618	8,064,247	80.9
2-3	0.000158	99,608	16	99,600	7,964,629	80.0
3-4	0.000055	99,592	6	99,589	7,865,029	79.0
4-5	0.000119	99,587	12	99,581	7,765,439	78.0
5-6	0.000111	99,575	11	99,569	7,665,859	77.0
6-7	0.000109	99,564	11	99,558	7,566,290	76.0
7-8	0.000106	99,553	11	99,548	7,466,731	75.0
8-9	0.000101	99,542	10	99,537	7,367,184	74.0
9-10	0.000095	99,532	9	99,528	7,267,646	73.0
10-11	0.000089	99,523	9	99,518	7,168,119	72.0
11-12	0.000086	99,514	9	99,510	7,068,600	71.0
12-13	0.000090	99,505	9	99,501	6,969,091	70.0
13-14	0.000101	99,497	10	99,491	6,869,590	69.0
14-15	0.000119	99,486	12	99,481	6,770,098	68.1
15-16	0.000141	99,475	14	99,468	6,670,618	67.1
16-17	0.000164	99,461	16	99,452	6,571,150	66.1
17-18	0.000190	99,444	19	99,435	6,471,698	65.1
18-19	0.000217	99,425	22	99,415	6,372,263	64.1
19-20	0.000247	99,404	25	99,392	6,272,848	63.1
20-21	0.000280	99,379	28	99,365	6,173,457	62.1
21-22	0.000317	99,351	31	99,336	6,074,091	61.1
22-23	0.000357	99,320	35	99,302	5,974,756	60.2
23-24	0.000400	99,284	40	99,265	5,875,454	59.2
24-25	0.000445	99,245	44	99,223	5,776,189	58.2
25-26	0.000489	99,200	48	99,176	5,676,967	57.2
26-27	0.000534	99,152	53	99,126	5,577,790	56.3
27-28	0.000583	99,099	58	99,070	5,478,665	55.3
28-29	0.000638	99,041	63	99,010	5,379,595	54.3
29-30	0.000697	98,978	69	98,944	5,280,585	53.4
30-31	0.000759	98,909	75	98,872	5,181,641	52.4
31-32	0.000820	98,834	81	98,794	5,082,770	51.4
32-33	0.000870	98,753	86	98,710	4,983,976	50.5
33-34	0.000946	98,667	93	98,620	4,885,266	49.5
34-35	0.001013	98,574	100	98,524	4,786,646	48.6
35-36	0.001088	98,474	107	98,420	4,688,122	47.6
36-37	0.001167	98,367	115	98,309	4,589,702	46.7
37-38	0.001237	98,252	122	98,191	4,491,392	45.7
38-39	0.001293	98,130	127	98,067	4,393,201	44.8
39-40	0.001340	98,003	131	97,938	4,295,134	43.8
40-41	0.001395	97,872	137	97,804	4,197,196	42.9
41-42	0.001464	97,736	143	97,664	4,099,392	41.9
42-43	0.001540	97,593	150	97,517	4,001,728	41.0
43-44	0.001624	97,442	158	97,363	3,904,211	40.1
44-45	0.001723	97,284	168	97,200	3,806,848	39.1

Table NY-3. Life table for females: New York, 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	0.001834	97,116	178	97,027	3,709,648	38.2
46-47	0.001973	96,938	191	96,843	3,612,621	37.3
47-48	0.002157	96,747	209	96,643	3,515,778	36.3
48-49	0.002391	96,538	231	96,423	3,419,135	35.4
49-50	0.002654	96,307	256	96,180	3,322,713	34.5
50-51	0.002930	96,052	281	95,911	3,226,533	33.6
51-52	0.003207	95,770	307	95,617	3,130,622	32.7
52-53	0.003484	95,463	333	95,297	3,035,005	31.8
53-54	0.003762	95,131	358	94,952	2,939,708	30.9
54-55	0.004048	94,773	384	94,581	2,844,757	30.0
55-56	0.004343	94,389	410	94,184	2,750,176	29.1
56-57	0.004657	93,979	438	93,760	2,655,991	28.3
57-58	0.005013	93,542	469	93,307	2,562,231	27.4
58-59	0.005422	93,073	505	92,820	2,468,924	26.5
59-60	0.005880	92,568	544	92,296	2,376,104	25.7
60-61	0.006376	92,024	587	91,730	2,283,808	24.8
61-62	0.006897	91,437	631	91,122	2,192,077	24.0
62-63	0.007450	90,806	677	90,468	2,100,956	23.1
63-64	0.008044	90,130	725	89,767	2,010,488	22.3
64-65	0.008698	89,405	778	89,016	1,920,720	21.5
65-66	0.009427	88,627	835	88,209	1,831,704	20.7
66-67	0.010404	87,792	913	87,335	1,743,495	19.9
67-68	0.011395	86,878	990	86,383	1,656,160	19.1
68-69	0.012414	85,888	1,066	85,355	1,569,777	18.3
69-70	0.013479	84,822	1,143	84,250	1,484,422	17.5
70-71	0.014608	83,679	1,222	83,068	1,400,171	16.7
71-72	0.015894	82,456	1,311	81,801	1,317,103	16.0
72-73	0.017440	81,146	1,415	80,438	1,235,302	15.2
73-74	0.019334	79,731	1,542	78,960	1,154,864	14.5
74-75	0.021595	78,189	1,689	77,345	1,075,904	13.8
75-76	0.024187	76,501	1,850	75,576	998,559	13.1
76-77	0.027073	74,650	2,021	73,640	922,984	12.4
77-78	0.030294	72,629	2,200	71,529	849,344	11.7
78-79	0.033830	70,429	2,383	69,238	777,814	11.0
79-80	0.037657	68,046	2,562	66,765	708,577	10.4
80-81	0.041768	65,484	2,735	64,116	641,811	9.8
81-82	0.046350	62,749	2,908	61,295	577,695	9.2
82-83	0.051665	59,840	3,092	58,295	516,400	8.6
83-84	0.057899	56,749	3,286	55,106	458,106	8.1
84-85	0.065183	53,463	3,485	51,721	403,000	7.5
85-86	0.073747	49,978	3,686	48,135	351,279	7.0
86-87	0.083389	46,292	3,860	44,362	303,144	6.5
87-88	0.093264	42,432	3,957	40,453	258,781	6.1
88-89	0.104100	38,475	4,005	36,472	218,328	5.7
89-90	0.115941	34,470	3,996	32,471	181,856	5.3

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.128819	30,473	3,926	28,510	149,384	4.9
91-92	0.142758	26,548	3,790	24,653	120,874	4.6
92-93	0.157762	22,758	3,590	20,963	96,221	4.2
93-94	0.173821	19,167	3,332	17,502	75,259	3.9
94-95	0.190900	15,836	3,023	14,324	57,757	3.6
95-96	0.208946	12,813	2,677	11,474	43,433	3.4
96-97	0.227882	10,136	2,310	8,981	31,959	3.2
97-98	0.247604	7,826	1,938	6,857	22,978	2.9
98-99	0.267992	5,888	1,578	5,099	16,121	2.7
99-100	0.288900	4,310	1,245	3,688	11,022	2.6
100 and older	1.000000	3,065	3,065	7,335	7,335	2.4

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