U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2021): U.S. State Life Tables, 2018. National Vital Statistics Report Volume 70, Number 1. 18pp. Downloaded from: www.cdc.gov (02.11.2021).

Table NY–2. Life table for males: New York, 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	0.004758	100,000	476	99,585	7,813,803	78.1
1–2	0.000298	99,524	30	99,509	7,714,218	77.5
2–3	0.000198	99,495	20	99,485	7,614,709	76.5
3–4	0.000155	99,475	15	99,467	7,515,224	75.5
4–5	0.000113	99,459	11	99,454	7,415,757	74.6
5–6	0.000118	99,448	12	99,442	7,316,303	73.6
6–7	0.000105	99,437	10	99,431	7,216,861	72.6
7–8	0.000096	99,426	9	99,421	7,117,430	71.6
8–9	0.000090	99,417	9	99,412	7,018,008	70.6
9–10	0.000090	99,408	9	99,403	6,918,596	69.6
10–11	0.000095	99,399	9	99,394	6,819,193	68.6
11–12	0.000109	99,389	11	99,384	6,719,799	67.6
12–13	0.000134	99,378	13	99,372	6,620,415	66.6
13–14	0.000170	99,365	17	99,357	6,521,044	65.6
14–15	0.000217	99,348	22	99,337	6,421,687	64.6
15–16	0.000268	99,327	27	99,313	6,322,350	63.7
16–17	0.000326	99,300	32	99,284	6,223,036	62.7
17–18	0.000398	99,268	40	99,248	6,123,753	61.7
18–19	0.000487	99,228	48	99,204	6,024,505	60.7
19–20	0.000588	99,180	58	99,151	5,925,301	59.7
20–21	0.000690	99,121	68	99,087	5,826,150	58.8
21–22	0.000790	99,053	78	99,014	5,727,063	57.8
22–23	0.000889	98,975	88	98,931	5,628,049	56.9
23–24	0.000983	98,887	97	98,838	5,529,118	55.9
24–25	0.001068	98,790	106	98,737	5,430,280	55.0
25–26	0.001151	98,684	114	98,627	5,331,543	54.0
26–27	0.001224	98,571	121	98,510	5,232,916	53.1
27–28	0.001275	98,450	126	98,387	5,134,406	52.2
28–29	0.001303	98,324	128	98,260	5,036,019	51.2
29–30	0.001315	98,196	129	98,132	4,937,758	50.3
30–31	0.001321	98,067	130	98,002	4,839,627	49.4
31–32	0.001334	97,938	131	97,872	4,741,624	48.4
32–33	0.001338	97,807	131	97,742	4,643,752	47.5
33–34	0.001418	97,676	139	97,607	4,546,011	46.5
34–35	0.001494	97,538	146	97,465	4,448,404	45.6
35–36	0.001586	97,392	154	97,315	4,350,939	44.7
36–37	0.001680	97,237	163	97,156	4,253,624	43.7
37–38	0.001763	97,074	171	96,989	4,156,468	42.8
38–39	0.001828	96,903	177	96,814	4,059,480	41.9
39–40	0.001884	96,726	182	96,635	3,962,665	41.0
40–41	0.001953	96,544	189	96,449	3,866,031	40.0
41–42	0.002051	96,355	198	96,256	3,769,581	39.1
42–43	0.002174	96,158	209	96,053	3,673,325	38.2
43–44	0.002324	95,949	223	95,837	3,577,272	37.3
44–45	0.002496	95,726	239	95,606	3,481,435	36.4

Table NY–2. Life table for males: New York, 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	0.002684	95,487	256	95,359	3,385,829	35.5
46–47	0.002893	95,230	276	95,093	3,290,470	34.6
47–48	0.003138	94,955	298	94,806	3,195,377	33.7
48–49	0.003425	94,657	324	94,495	3,100,572	32.8
49–50	0.003755	94,333	354	94,156	3,006,077	31.9
50–51	0.004097	93,978	385	93,786	2,911,921	31.0
51–52	0.004460	93,593	417	93,385	2,818,135	30.1
52–53	0.004885	93,176	455	92,948	2,724,751	29.2
53–54	0.005378	92,721	499	92,471	2,631,802	28.4
54–55	0.005918	92,222	546	91,949	2,539,331	27.5
55–56	0.006482	91,676	594	91,379	2,447,381	26.7
56–57	0.007044	91,082	642	90,761	2,356,002	25.9
57–58	0.007598	90,441	687	90,097	2,265,241	25.0
58–59	0.008144	89,753	731	89,388	2,175,144	24.2
59–60	0.008704	89,023	775	88,635	2,085,756	23.4
60–61	0.009294	88,248	820	87,838	1,997,121	22.6
61–62	0.009935	87,428	869	86,993	1,909,283	21.8
62–63	0.010651	86,559	922	86,098	1,822,290	21.1
63–64	0.011463	85,637	982	85,146	1,736,192	20.3
64–65	0.012374	84,655	1,048	84,132	1,651,046	19.5
65–66	0.013398	83,608	1,120	83,048	1,566,914	18.7
66–67	0.014667	82,488	1,210	81,883	1,483,866	18.0
67–68	0.015896	81,278	1,292	80,632	1,401,983	17.2
68–69	0.017099	79,986	1,368	79,302	1,321,351	16.5
69–70	0.018345	78,618	1,442	77,897	1,242,049	15.8
70–71	0.019711	77,176	1,521	76,415	1,164,152	15.1
71–72	0.021302	75,655	1,612	74,849	1,087,737	14.4
72–73	0.023188	74,043	1,717	73,185	1,012,888	13.7
73–74	0.025453	72,326	1,841	71,406	939,703	13.0
74–75	0.028135	70,485	1,983	69,494	868,297	12.3
75–76	0.031209	68,502	2,138	67,433	798,804	11.7
76–77	0.034622	66,364	2,298	65,215	731,371	11.0
77–78	0.038422	64,067	2,462	62,836	666,155	10.4
78–79	0.042655	61,605	2,628	60,291	603,319	9.8
79–80	0.047317	58,977	2,791	57,582	543,028	9.2
80–81	0.052385	56,187	2,943	54,715	485,446	8.6
81–82	0.058159	53,243	3,097	51,695	430,731	8.1
82–83	0.064967	50,147	3,258	48,518	379,036	7.6
83–84	0.072783	46,889	3,413	45,183	330,518	7.0
84–85	0.085836	43,476	3,732	41,610	285,336	6.6
85–86	0.095269	39,744	3,786	37,851	243,725	6.1
86–87	0.105550	35,958	3,795	34,060	205,874	5.7
87–88	0.116714	32,163	3,754	30,286	171,814	5.3
88–89	0.128788	28,409	3,659	26,579	141,528	5.0
89–90	0.141789	24,750	3,509	22,995	114,949	4.6

Table NY–2. Life table for males: New York, 2018

Age (years)	Probability of dying between ages x and $x + 1$ q_x	Number surviving to age x l_x	Number dying between ages x and $x + 1$ d_x	Person-years lived between ages x and $x + 1$ L_x	Total number of person-years lived above age x T_x	Expectation of life at age x e_x
90–91	0.155722	21,241	3,308	19,587	91,953	4.3
91–92	0.170580	17,933	3,059	16,404	72,366	4.0
92–93	0.186338	14,874	2,772	13,488	55,963	3.8
93–94	0.202956	12,103	2,456	10,874	42,474	3.5
94–95	0.220376	9,646	2,126	8,583	31,600	3.3
95–96	0.238523	7,520	1,794	6,624	23,017	3.1
96–97	0.257302	5,727	1,473	4,990	16,393	2.9
97–98	0.276605	4,253	1,176	3,665	11,403	2.7
98–99	0.296307	3,077	912	2,621	7,738	2.5
99–100	0.316275	2,165	685	1,823	5,117	2.4
100 and over	1.000000	1,480	1,480	3,295	3,295	2.2

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

Table NY–3. Life table for females: New York, 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	0.003818	100,000	382	99,663	8,279,616	82.8
1–2	0.000232	99,618	23	99,607	8,179,953	82.1
2–3	0.000180	99,595	18	99,586	8,080,347	81.1
3–4	0.000208	99,577	21	99,567	7,980,761	80.1
4–5	0.000091	99,556	9	99,552	7,881,194	79.2
5–6	0.000115	99,547	11	99,542	7,781,642	78.2
6–7	0.000099	99,536	10	99,531	7,682,100	77.2
7–8	0.000090	99,526	9	99,522	7,582,569	76.2
8–9	0.000088	99,517	9	99,513	7,483,048	75.2
9–10	0.000092	99,508	9	99,504	7,383,535	74.2
10–11	0.000102	99,499	10	99,494	7,284,031	73.2
11–12	0.000113	99,489	11	99,483	7,184,537	72.2
12–13	0.000123	99,478	12	99,472	7,085,054	71.2
13–14	0.000130	99,466	13	99,459	6,985,582	70.2
14–15	0.000135	99,453	13	99,446	6,886,123	69.2
15–16	0.000141	99,439	14	99,432	6,786,677	68.2
16–17	0.000152	99,425	15	99,418	6,687,245	67.3
17–18	0.000172	99,410	17	99,401	6,587,827	66.3
18–19	0.000201	99,393	20	99,383	6,488,426	65.3
19–20	0.000236	99,373	23	99,361	6,389,043	64.3
20–21	0.000274	99,349	27	99,336	6,289,682	63.3
21–22	0.000309	99,322	31	99,307	6,190,346	62.3
22–23	0.000344	99,292	34	99,274	6,091,039	61.3
23–24	0.000377	99,257	37	99,239	5,991,764	60.4
24–25	0.000407	99,220	40	99,200	5,892,526	59.4
25–26	0.000437	99,180	43	99,158	5,793,326	58.4
26–27	0.000466	99,136	46	99,113	5,694,168	57.4
27–28	0.000491	99,090	49	99,066	5,595,055	56.5
28–29	0.000511	99,041	51	99,016	5,495,989	55.5
29–30	0.000529	98,991	52	98,965	5,396,973	54.5
30–31	0.000547	98,938	54	98,911	5,298,009	53.5
31–32	0.000570	98,884	56	98,856	5,199,097	52.6
32–33	0.000591	98,828	58	98,799	5,100,241	51.6
33–34	0.000646	98,770	64	98,738	5,001,442	50.6
34–35	0.000700	98,706	69	98,671	4,902,705	49.7
35–36	0.000765	98,637	75	98,599	4,804,034	48.7
36–37	0.000832	98,561	82	98,520	4,705,435	47.7
37–38	0.000893	98,479	88	98,435	4,606,915	46.8
38–39	0.000941	98,391	93	98,345	4,508,479	45.8
39–40	0.000985	98,299	97	98,250	4,410,135	44.9
40–41	0.001034	98,202	101	98,151	4,311,884	43.9
41–42	0.001101	98,100	108	98,046	4,213,733	43.0
42–43	0.001191	97,992	117	97,934	4,115,687	42.0
43–44	0.001307	97,876	128	97,812	4,017,753	41.0
44–45	0.001440	97,748	141	97,677	3,919,941	40.1

Table NY–3. Life table for females: New York, 2018

Age (years)	Probability of dying between ages x and $x + 1$ q_x	Number surviving to age x l_x	Number dying between ages x and $x + 1$ d_x	Person-years lived between ages x and $x + 1$ L_x	Total number of person-years lived above age x T_x	Expectation of life at age x e_x
45–46	0.001585	97,607	155	97,530	3,822,264	39.2
46–47	0.001736	97,452	169	97,368	3,724,734	38.2
47–48	0.001891	97,283	184	97,191	3,627,367	37.3
48–49	0.002050	97,099	199	97,000	3,530,176	36.4
49–50	0.002219	96,900	215	96,792	3,433,176	35.4
50–51	0.002392	96,685	231	96,569	3,336,384	34.5
51–52	0.002584	96,454	249	96,329	3,239,815	33.6
52–53	0.002819	96,204	271	96,069	3,143,485	32.7
53–54	0.003107	95,933	298	95,784	3,047,417	31.8
54–55	0.003432	95,635	328	95,471	2,951,632	30.9
55–56	0.003775	95,307	360	95,127	2,856,161	30.0
56–57	0.004120	94,947	391	94,752	2,761,034	29.1
57–58	0.004463	94,556	422	94,345	2,666,283	28.2
58–59	0.004806	94,134	452	93,908	2,571,938	27.3
59–60	0.005161	93,682	484	93,440	2,478,030	26.5
60–61	0.005548	93,198	517	92,940	2,384,590	25.6
61–62	0.005975	92,681	554	92,404	2,291,651	24.7
62–63	0.006447	92,127	594	91,830	2,199,246	23.9
63–64	0.006971	91,533	638	91,214	2,107,416	23.0
64–65	0.007556	90,895	687	90,552	2,016,202	22.2
65–66	0.008203	90,208	740	89,838	1,925,650	21.3
66–67	0.009000	89,468	805	89,066	1,835,811	20.5
67–68	0.009851	88,663	873	88,227	1,746,745	19.7
68–69	0.010792	87,790	947	87,316	1,658,519	18.9
69–70	0.011835	86,842	1,028	86,328	1,571,203	18.1
70–71	0.013018	85,815	1,117	85,256	1,484,874	17.3
71–72	0.014357	84,697	1,216	84,089	1,399,618	16.5
72–73	0.015842	83,481	1,323	82,820	1,315,529	15.8
73–74	0.017490	82,159	1,437	81,440	1,232,709	15.0
74–75	0.019338	80,722	1,561	79,941	1,151,269	14.3
75–76	0.021389	79,161	1,693	78,314	1,071,327	13.5
76–77	0.023732	77,468	1,838	76,548	993,013	12.8
77–78	0.026523	75,629	2,006	74,626	916,465	12.1
78–79	0.029877	73,623	2,200	72,523	841,838	11.4
79–80	0.033772	71,424	2,412	70,218	769,315	10.8
80–81	0.038119	69,011	2,631	67,696	699,097	10.1
81–82	0.042836	66,381	2,844	64,959	631,401	9.5
82–83	0.047986	63,537	3,049	62,013	566,442	8.9
83–84	0.053839	60,488	3,257	58,860	504,429	8.3
84–85	0.060653	57,232	3,471	55,496	445,569	7.8
85–86	0.070115	53,760	3,769	51,876	390,073	7.3
86–87	0.078720	49,991	3,935	48,023	338,197	6.8
87–88	0.088225	46,056	4,063	44,024	290,174	6.3
88–89	0.098685	41,993	4,144	39,920	246,150	5.9
89–90	0.110149	37,848	4,169	35,764	206,229	5.4

Table NY–3. Life table for females: New York, 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	0.122658	33,679	4,131	31,614	170,465	5.1
91–92	0.136239	29,548	4,026	27,536	138,851	4.7
92–93	0.150906	25,523	3,852	23,597	111,316	4.4
93–94	0.166657	21,671	3,612	19,865	87,719	4.0
94–95	0.183467	18,060	3,313	16,403	67,853	3.8
95–96	0.201289	14,746	2,968	13,262	51,450	3.5
96–97	0.220055	11,778	2,592	10,482	38,188	3.2
97–98	0.239669	9,186	2,202	8,085	27,706	3.0
98–99	0.260013	6,985	1,816	6,077	19,621	2.8
99–100	0.280949	5,168	1,452	4,442	13,544	2.6
100 and over	1.000000	3,716	3,716	9,102	9,102	2.4

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