

Table 1. Life table for the total population: United States, 2009

Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/62_07/Table01.xls.

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	0.006372	100,000	637	99,444	7,846,926	78.5
1-2	0.000407	99,363	40	99,343	7,747,481	78.0
2-3	0.000274	99,322	27	99,309	7,648,139	77.0
3-4	0.000209	99,295	21	99,285	7,548,830	76.0
4-5	0.000160	99,274	16	99,266	7,449,545	75.0
5-6	0.000150	99,259	15	99,251	7,350,279	74.1
6-7	0.000135	99,244	13	99,237	7,251,028	73.1
7-8	0.000122	99,230	12	99,224	7,151,791	72.1
8-9	0.000109	99,218	11	99,213	7,052,566	71.1
9-10	0.000095	99,207	9	99,203	6,953,354	70.1
10-11	0.000087	99,198	9	99,194	6,854,151	69.1
11-12	0.000093	99,189	9	99,185	6,754,957	68.1
12-13	0.000127	99,180	13	99,174	6,655,773	67.1
13-14	0.000193	99,167	19	99,158	6,556,599	66.1
14-15	0.000279	99,148	28	99,134	6,457,441	65.1
15-16	0.000370	99,121	37	99,102	6,358,307	64.1
16-17	0.000454	99,084	45	99,061	6,259,205	63.2
17-18	0.000537	99,039	53	99,012	6,160,143	62.2
18-19	0.000615	98,986	61	98,955	6,061,131	61.2
19-20	0.000691	98,925	68	98,891	5,962,175	60.3
20-21	0.000771	98,857	76	98,818	5,863,285	59.3
21-22	0.000848	98,780	84	98,739	5,764,466	58.4
22-23	0.000903	98,697	89	98,652	5,665,728	57.4
23-24	0.000929	98,608	92	98,562	5,567,076	56.5
24-25	0.000934	98,516	92	98,470	5,468,514	55.5
25-26	0.000932	98,424	92	98,378	5,370,044	54.6
26-27	0.000935	98,332	92	98,286	5,271,666	53.6
27-28	0.000943	98,240	93	98,194	5,173,380	52.7
28-29	0.000959	98,148	94	98,100	5,075,186	51.7
29-30	0.000985	98,053	97	98,005	4,977,086	50.8
30-31	0.001017	97,957	100	97,907	4,879,081	49.8
31-32	0.001053	97,857	103	97,806	4,781,173	48.9
32-33	0.001095	97,754	107	97,701	4,683,368	47.9
33-34	0.001143	97,647	112	97,591	4,585,667	47.0
34-35	0.001195	97,536	117	97,477	4,488,076	46.0
35-36	0.001257	97,419	122	97,358	4,390,598	45.1
36-37	0.001332	97,297	130	97,232	4,293,241	44.1
37-38	0.001420	97,167	138	97,098	4,196,009	43.2
38-39	0.001522	97,029	148	96,955	4,098,911	42.2
39-40	0.001643	96,881	159	96,802	4,001,956	41.3
40-41	0.001777	96,722	172	96,636	3,905,154	40.4
41-42	0.001932	96,550	186	96,457	3,808,518	39.4
42-43	0.002116	96,364	204	96,262	3,712,061	38.5
43-44	0.002330	96,160	224	96,048	3,615,799	37.6
44-45	0.002563	95,936	246	95,813	3,519,751	36.7
45-46	0.002795	95,690	267	95,556	3,423,938	35.8
46-47	0.003033	95,422	289	95,278	3,328,382	34.9
47-48	0.003299	95,133	314	94,976	3,233,105	34.0
48-49	0.003608	94,819	342	94,648	3,138,128	33.1
49-50	0.003956	94,477	374	94,290	3,043,480	32.2
50-51	0.004337	94,103	408	93,899	2,949,190	31.3
51-52	0.004728	93,695	443	93,474	2,855,291	30.5
52-53	0.005118	93,252	477	93,014	2,761,817	29.6
53-54	0.005496	92,775	510	92,520	2,668,804	28.8
54-55	0.005874	92,265	542	91,994	2,576,284	27.9
55-56	0.006277	91,723	576	91,435	2,484,290	27.1
56-57	0.006724	91,147	613	90,841	2,392,854	26.3
57-58	0.007216	90,534	653	90,208	2,302,013	25.4
58-59	0.007759	89,881	697	89,532	2,211,806	24.6
59-60	0.008349	89,184	745	88,812	2,122,273	23.8
60-61	0.008986	88,439	795	88,042	2,033,462	23.0
61-62	0.009671	87,645	848	87,221	1,945,420	22.2

See footnote at end of table.

Table 1. Life table for the total population: United States, 2009—Con.

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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
62-63	0.010415	86,797	904	86,345	1,858,199	21.4
63-64	0.011237	85,893	965	85,410	1,771,854	20.6
64-65	0.012164	84,928	1,033	84,411	1,686,444	19.9
65-66	0.013241	83,895	1,111	83,339	1,602,032	19.1
66-67	0.014457	82,784	1,197	82,185	1,518,693	18.3
67-68	0.015750	81,587	1,285	80,945	1,436,508	17.6
68-69	0.017081	80,302	1,372	79,616	1,355,563	16.9
69-70	0.018452	78,930	1,456	78,202	1,275,947	16.2
70-71	0.019976	77,474	1,548	76,700	1,197,745	15.5
71-72	0.021736	75,926	1,650	75,101	1,121,045	14.8
72-73	0.023687	74,276	1,759	73,396	1,045,943	14.1
73-74	0.025963	72,517	1,883	71,575	972,547	13.4
74-75	0.028500	70,634	2,013	69,627	900,971	12.8
75-76	0.031120	68,621	2,135	67,553	831,344	12.1
76-77	0.034014	66,485	2,261	65,355	763,791	11.5
77-78	0.037380	64,224	2,401	63,024	698,436	10.9
78-79	0.041272	61,823	2,552	60,548	635,412	10.3
79-80	0.045547	59,272	2,700	57,922	574,865	9.7
80-81	0.050131	56,572	2,836	55,154	516,943	9.1
81-82	0.055106	53,736	2,961	52,256	461,789	8.6
82-83	0.061029	50,775	3,099	49,226	409,533	8.1
83-84	0.067705	47,676	3,228	46,062	360,308	7.6
84-85	0.075068	44,448	3,337	42,780	314,246	7.1
85-86	0.084240	41,112	3,463	39,380	271,466	6.6
86-87	0.093716	37,648	3,528	35,884	232,086	6.2
87-88	0.104067	34,120	3,551	32,345	196,201	5.8
88-89	0.115332	30,569	3,526	28,807	163,857	5.4
89-90	0.127539	27,044	3,449	25,319	135,050	5.0
90-91	0.140709	23,595	3,320	21,935	109,731	4.7
91-92	0.154848	20,275	3,139	18,705	87,796	4.3
92-93	0.169949	17,135	2,912	15,679	69,091	4.0
93-94	0.185987	14,223	2,645	12,900	53,412	3.8
94-95	0.202921	11,578	2,349	10,403	40,512	3.5
95-96	0.220689	9,228	2,037	8,210	30,109	3.3
96-97	0.239209	7,192	1,720	6,332	21,899	3.0
97-98	0.258384	5,471	1,414	4,765	15,567	2.8
98-99	0.278095	4,058	1,128	3,493	10,802	2.7
99-100	0.298212	2,929	874	2,493	7,309	2.5
100 and over	1.000000	2,056	2,056	4,816	4,816	2.3

SOURCE: CDC/NCHS, National Vital Statistics System.