

U.S. Department of Health and Human Services: Life table for the non-Hispanic white population: United States, 2007. In: National Vital Statistics Reports, Vol. 59, No. 9, 2011, p. 32-37, URL: <http://www.cdc.gov> (01.07.2013).

United States Life Tables, 2007

by Elizabeth Arias, Ph.D., Division of Vital Statistics

Abstract

Objectives—This report presents complete period life tables by race, Hispanic origin, and sex for the United States based on age-specific death rates in 2007.

Methods—Data used to prepare the 2007 life tables are 2007 final mortality statistics, July 1, 2007, population estimates based on the 2000 decennial census, and 2007 Medicare data for ages 66–100. The methods used to estimate the life tables for the total, white, and black populations were first used in annual life tables in 2005 and have been in use since that time (1). The methods used to estimate the life tables for the Hispanic, non-Hispanic white, and non-Hispanic black populations were first used to estimate U.S. life tables by Hispanic origin for data year 2006 (2).

Results—In 2007, the overall expectation of life at birth was 77.9 years, representing an increase of 0.2 years from life expectancy in 2006. From 2006 to 2007, life expectancy at birth increased for all groups considered. It increased for males (from 75.1 to 75.4) and females (from 80.2 to 80.4), the white (from 78.2 to 78.4) and black (from 73.2 to 73.6) populations, the Hispanic population (from 80.6 to 80.9), the non-Hispanic white population (from 78.1 to 78.2), and the non-Hispanic black population (from 72.9 to 73.2).

Keywords: life expectancy • survival • death rates • race

Introduction

There are two types of life tables—the cohort (or generation) and the period (or current). The cohort life table presents the mortality experience of a particular birth cohort—all persons born in the year 1900, for example—from the moment of birth through consecutive ages in successive calendar years. Based on age-specific death rates observed through consecutive calendar years, the cohort life table reflects the mortality experience of an actual cohort from birth until no lives remain in the group. To prepare a single complete cohort life table requires data over many years. It is usually not feasible to construct cohort life tables entirely on the basis of observed data for real cohorts due to data unavailability or incom-

pleteness (3). For example, a life table representation of the mortality experience of a cohort of persons born in 1970 would require the use of data projection techniques to estimate deaths into the future (4,5).

Unlike the cohort life table, the period life table does not represent the mortality experience of an actual birth cohort. Rather, the period life table presents what would happen to a hypothetical cohort if it experienced throughout its entire life the mortality conditions of a particular time period. Thus, for example, a period life table for 2007 assumes a hypothetical cohort subject throughout its lifetime to the age-specific death rates prevailing for the actual population in 2007. The period life table may thus be characterized as rendering a “snapshot” of current mortality experience, and shows the long-range implications of a set of age-specific death rates that prevailed in a given year. In this report the term “life table” refers only to the period life table and not to the cohort life table.

This report presents period life tables by race, Hispanic origin, race for the non-Hispanic population, and sex. Historically, the U.S. life table program had been limited to the inclusion of life tables for the white and black populations. As a result of data limitations, life tables for other racial and ethnic populations had not been produced. Recent research into these data limitations identified and quantified them and led to the development of methodological strategies to overcome their effect and allow for the production of life tables for the Hispanic population (2,6,7). The first U.S. life tables by Hispanic origin were published in “United States Life Tables by Hispanic Origin” for data year 2006 (2). The methodology developed and described in that report is used in this report to produce U.S. life tables for the Hispanic, non-Hispanic white, and non-Hispanic black populations (see “[Technical Notes](#)” for detailed discussion of the methodology).

Data and Methods

The data used to prepare the U.S. life tables for 2007 are final numbers of deaths for the year 2007, postcensal population estimates for the year 2007, and age-specific death and population counts for Medicare beneficiaries aged 66–100 for the year 2007 from the Centers for Medicare & Medicaid Services. Data from the



Table 13. Life table for the non-Hispanic white population: United States, 2007Spreadsheet version available from: http://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/59_09/Table13.xls.

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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	0.005630	100,000	563	99,507	7,824,824	78.2
1-2	0.000402	99,437	40	99,417	7,725,317	77.7
2-3	0.000259	99,397	26	99,384	7,625,900	76.7
3-4	0.000199	99,371	20	99,361	7,526,516	75.7
4-5	0.000154	99,352	15	99,344	7,427,154	74.8
5-6	0.000149	99,336	15	99,329	7,327,810	73.8
6-7	0.000140	99,321	14	99,315	7,228,481	72.8
7-8	0.000131	99,308	13	99,301	7,129,167	71.8
8-9	0.000115	99,295	11	99,289	7,029,866	70.8
9-10	0.000096	99,283	10	99,278	6,930,577	69.8
10-11	0.000080	99,274	8	99,270	6,831,298	68.8
11-12	0.000083	99,266	8	99,262	6,732,029	67.8
12-13	0.000118	99,257	12	99,252	6,632,767	66.8
13-14	0.000194	99,246	19	99,236	6,533,516	65.8
14-15	0.000295	99,226	29	99,212	6,434,280	64.8
15-16	0.000402	99,197	40	99,177	6,335,068	63.9
16-17	0.000499	99,157	50	99,133	6,235,890	62.9
17-18	0.000590	99,108	58	99,079	6,136,758	61.9
18-19	0.000670	99,049	66	99,016	6,037,679	61.0
19-20	0.000742	98,983	73	98,946	5,938,663	60.0
20-21	0.000817	98,910	81	98,869	5,839,717	59.0
21-22	0.000890	98,829	88	98,785	5,740,848	58.1
22-23	0.000940	98,741	93	98,694	5,642,063	57.1
23-24	0.000961	98,648	95	98,601	5,543,368	56.2
24-25	0.000959	98,553	95	98,506	5,444,768	55.2
25-26	0.000951	98,459	94	98,412	5,346,262	54.3
26-27	0.000948	98,365	93	98,318	5,247,850	53.4
27-28	0.000949	98,272	93	98,225	5,149,531	52.4
28-29	0.000959	98,179	94	98,132	5,051,306	51.5
29-30	0.000980	98,084	96	98,036	4,953,175	50.5
30-31	0.001010	97,988	99	97,939	4,855,138	49.5
31-32	0.001046	97,889	102	97,838	4,757,200	48.6
32-33	0.001093	97,787	107	97,734	4,659,361	47.6
33-34	0.001130	97,680	110	97,625	4,561,628	46.7
34-35	0.001176	97,570	115	97,512	4,464,003	45.8
35-36	0.001230	97,455	120	97,395	4,366,491	44.8
36-37	0.001297	97,335	126	97,272	4,269,096	43.9
37-38	0.001383	97,209	134	97,142	4,171,823	42.9
38-39	0.001494	97,074	145	97,002	4,074,682	42.0
39-40	0.001629	96,929	158	96,851	3,977,680	41.0
40-41	0.001776	96,772	172	96,686	3,880,829	40.1
41-42	0.001934	96,600	187	96,506	3,784,143	39.2
42-43	0.002116	96,413	204	96,311	3,687,637	38.2
43-44	0.002320	96,209	223	96,097	3,591,326	37.3
44-45	0.002537	95,986	244	95,864	3,495,229	36.4
45-46	0.002759	95,742	264	95,610	3,399,365	35.5
46-47	0.002985	95,478	285	95,336	3,303,755	34.6
47-48	0.003226	95,193	307	95,040	3,208,419	33.7
48-49	0.003491	94,886	331	94,720	3,113,380	32.8
49-50	0.003784	94,555	358	94,376	3,018,659	31.9
50-51	0.004106	94,197	387	94,004	2,924,283	31.0
51-52	0.004447	93,810	417	93,602	2,830,280	30.2
52-53	0.004800	93,393	448	93,169	2,736,678	29.3
53-54	0.005156	92,945	479	92,705	2,643,509	28.4
54-55	0.005523	92,466	511	92,210	2,550,804	27.6
55-56	0.005912	91,955	544	91,683	2,458,594	26.7
56-57	0.006342	91,411	580	91,121	2,366,911	25.9
57-58	0.006827	90,831	620	90,521	2,275,790	25.1
58-59	0.007384	90,211	666	89,878	2,185,268	24.2
59-60	0.008012	89,545	717	89,187	2,095,390	23.4
60-61	0.008716	88,828	774	88,441	2,006,203	22.6
61-62	0.009481	88,054	835	87,636	1,917,763	21.8
62-63	0.010298	87,219	898	86,770	1,830,127	21.0
63-64	0.011170	86,321	964	85,838	1,743,357	20.2
64-65	0.012129	85,356	1,035	84,839	1,657,518	19.4

Table 13. Life table for the non-Hispanic white population: United States, 2007—Con.Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/59_09/Table13.xls.

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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
65-66	0.013260	84,321	1,118	83,762	1,572,680	18.7
66-67	0.014427	83,203	1,200	82,603	1,488,918	17.9
67-68	0.015701	82,003	1,288	81,359	1,406,315	17.1
68-69	0.017048	80,715	1,376	80,027	1,324,956	16.4
69-70	0.018520	79,339	1,469	78,604	1,244,929	15.7
70-71	0.020194	77,870	1,572	77,084	1,166,325	15.0
71-72	0.022170	76,297	1,692	75,452	1,089,241	14.3
72-73	0.024478	74,606	1,826	73,693	1,013,789	13.6
73-74	0.027129	72,780	1,974	71,792	940,097	12.9
74-75	0.030106	70,805	2,132	69,739	868,305	12.3
75-76	0.033436	68,673	2,296	67,525	798,565	11.6
76-77	0.037050	66,377	2,459	65,148	731,040	11.0
77-78	0.041038	63,918	2,623	62,606	665,892	10.4
78-79	0.045435	61,295	2,785	59,903	603,286	9.8
79-80	0.050278	58,510	2,942	57,039	543,383	9.3
80-81	0.055607	55,568	3,090	54,023	486,344	8.8
81-82	0.061465	52,478	3,226	50,866	432,321	8.2
82-83	0.067896	49,253	3,344	47,581	381,455	7.7
83-84	0.074945	45,909	3,441	44,188	333,875	7.3
84-85	0.082662	42,468	3,510	40,713	289,686	6.8
85-86	0.091095	38,958	3,549	37,183	248,974	6.4
86-87	0.100294	35,409	3,551	33,633	211,790	6.0
87-88	0.110309	31,857	3,514	30,100	178,157	5.6
88-89	0.121190	28,343	3,435	26,626	148,057	5.2
89-90	0.132984	24,908	3,312	23,252	121,431	4.9
90-91	0.145735	21,596	3,147	20,022	98,179	4.5
91-92	0.159483	18,449	2,942	16,978	78,157	4.2
92-93	0.174264	15,506	2,702	14,155	61,179	3.9
93-94	0.190106	12,804	2,434	11,587	47,024	3.7
94-95	0.207026	10,370	2,147	9,297	35,436	3.4
95-96	0.225034	8,223	1,850	7,298	26,140	3.2
96-97	0.244126	6,373	1,556	5,595	18,842	3.0
97-98	0.264285	4,817	1,273	4,180	13,247	2.8
98-99	0.285481	3,544	1,012	3,038	9,067	2.6
99-100	0.307665	2,532	779	2,143	6,029	2.4
100 and over	1.00000	1,753	1,753	3,886	3,886	2.2

Table 14. Life table for non-Hispanic white males: United States, 2007Spreadsheet version available from: http://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/59_09/Table14.xls.

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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	0.006195	100,000	619	99,459	7,580,601	75.8
1-2	0.000431	99,381	43	99,359	7,481,142	75.3
2-3	0.000281	99,338	28	99,324	7,381,783	74.3
3-4	0.000221	99,310	22	99,299	7,282,459	73.3
4-5	0.000180	99,288	18	99,279	7,183,160	72.3
5-6	0.000164	99,270	16	99,262	7,083,881	71.4
6-7	0.000154	99,254	15	99,246	6,984,620	70.4
7-8	0.000142	99,238	14	99,231	6,885,373	69.4
8-9	0.000122	99,224	12	99,218	6,786,142	68.4
9-10	0.000097	99,212	10	99,208	6,686,924	67.4
10-11	0.000077	99,203	8	99,199	6,587,716	66.4
11-12	0.000081	99,195	8	99,191	6,488,517	65.4
12-13	0.000129	99,187	13	99,181	6,389,326	64.4
13-14	0.000232	99,174	23	99,163	6,290,146	63.4
14-15	0.000369	99,151	37	99,133	6,190,983	62.4
15-16	0.000512	99,115	51	99,089	6,091,850	61.5
16-17	0.000643	99,064	64	99,032	5,992,761	60.5
17-18	0.000774	99,000	77	98,962	5,893,729	59.5
18-19	0.000904	98,924	89	98,879	5,794,767	58.6
19-20	0.001031	98,834	102	98,783	5,695,888	57.6
20-21	0.001167	98,732	115	98,675	5,597,105	56.7
21-22	0.001293	98,617	128	98,553	5,498,430	55.8
22-23	0.001378	98,489	136	98,422	5,399,877	54.8
23-24	0.001406	98,354	138	98,285	5,301,455	53.9
24-25	0.001391	98,215	137	98,147	5,203,171	53.0
25-26	0.001361	98,079	134	98,012	5,105,023	52.1
26-27	0.001340	97,945	131	97,880	5,007,011	51.1
27-28	0.001325	97,814	130	97,749	4,909,132	50.2
28-29	0.001327	97,685	130	97,620	4,811,382	49.3
29-30	0.001343	97,555	131	97,489	4,713,762	48.3
30-31	0.001370	97,424	133	97,357	4,616,273	47.4
31-32	0.001400	97,290	136	97,222	4,518,916	46.4
32-33	0.001451	97,154	141	97,084	4,421,694	45.5
33-34	0.001479	97,013	143	96,942	4,324,610	44.6
34-35	0.001526	96,870	148	96,796	4,227,668	43.6
35-36	0.001584	96,722	153	96,645	4,130,872	42.7
36-37	0.001660	96,569	160	96,489	4,034,227	41.8
37-38	0.001758	96,409	170	96,324	3,937,738	40.8
38-39	0.001886	96,239	182	96,148	3,841,414	39.9
39-40	0.002045	96,057	196	95,959	3,745,266	39.0
40-41	0.002219	95,861	213	95,755	3,649,307	38.1
41-42	0.002410	95,648	231	95,533	3,553,552	37.2
42-43	0.002633	95,418	251	95,292	3,458,019	36.2
43-44	0.002885	95,167	275	95,029	3,362,727	35.3
44-45	0.003157	94,892	300	94,742	3,267,697	34.4
45-46	0.003433	94,593	325	94,430	3,172,955	33.5
46-47	0.003716	94,268	350	94,093	3,078,525	32.7
47-48	0.004024	93,918	378	93,729	2,984,432	31.8
48-49	0.004373	93,540	409	93,335	2,890,704	30.9
49-50	0.004762	93,131	443	92,909	2,797,368	30.0
50-51	0.005189	92,687	481	92,447	2,704,460	29.2
51-52	0.005636	92,206	520	91,946	2,612,013	28.3
52-53	0.006093	91,687	559	91,407	2,520,067	27.5
53-54	0.006548	91,128	597	90,830	2,428,659	26.7
54-55	0.007009	90,531	635	90,214	2,337,830	25.8
55-56	0.007496	89,897	674	89,560	2,247,616	25.0
56-57	0.008030	89,223	716	88,865	2,158,056	24.2
57-58	0.008617	88,506	763	88,125	2,069,192	23.4
58-59	0.009273	87,744	814	87,337	1,981,067	22.6
59-60	0.010002	86,930	869	86,495	1,893,730	21.8
60-61	0.010812	86,061	930	85,595	1,807,234	21.0
61-62	0.011694	85,130	995	84,632	1,721,639	20.2
62-63	0.012648	84,135	1,064	83,602	1,637,007	19.5
63-64	0.013689	83,070	1,137	82,502	1,553,404	18.7
64-65	0.014851	81,933	1,217	81,325	1,470,903	18.0

Table 14. Life table for non-Hispanic white males: United States, 2007—Con.Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/59_09/Table14.xls.

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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
65-66	0.016219	80,716	1,309	80,062	1,389,578	17.2
66-67	0.017658	79,407	1,402	78,706	1,309,516	16.5
67-68	0.019235	78,005	1,500	77,255	1,230,810	15.8
68-69	0.020904	76,505	1,599	75,705	1,153,555	15.1
69-70	0.022718	74,906	1,702	74,055	1,077,849	14.4
70-71	0.024761	73,204	1,813	72,298	1,003,795	13.7
71-72	0.027158	71,391	1,939	70,422	931,497	13.0
72-73	0.029955	69,452	2,080	68,412	861,075	12.4
73-74	0.033160	67,372	2,234	66,255	792,663	11.8
74-75	0.036739	65,138	2,393	63,941	726,408	11.2
75-76	0.040704	62,745	2,554	61,468	662,467	10.6
76-77	0.044970	60,191	2,707	58,837	600,999	10.0
77-78	0.049660	57,484	2,855	56,057	542,162	9.4
78-79	0.054810	54,629	2,994	53,132	486,105	8.9
79-80	0.060461	51,635	3,122	50,074	432,973	8.4
80-81	0.066654	48,513	3,234	46,896	382,899	7.9
81-82	0.073431	45,280	3,325	43,617	336,002	7.4
82-83	0.080837	41,955	3,392	40,259	292,385	7.0
83-84	0.088919	38,563	3,429	36,849	252,126	6.5
84-85	0.097723	35,134	3,433	33,417	215,278	6.1
85-86	0.107297	31,701	3,401	30,000	181,860	5.7
86-87	0.117685	28,299	3,330	26,634	151,860	5.4
87-88	0.128934	24,969	3,219	23,359	125,226	5.0
88-89	0.141087	21,750	3,069	20,215	101,867	4.7
89-90	0.154182	18,681	2,880	17,241	81,651	4.4
90-91	0.168254	15,801	2,659	14,471	64,410	4.1
91-92	0.183332	13,142	2,409	11,938	49,939	3.8
92-93	0.199438	10,733	2,141	9,663	38,001	3.5
93-94	0.216583	8,592	1,861	7,662	28,339	3.3
94-95	0.234770	6,731	1,580	5,941	20,677	3.1
95-96	0.253990	5,151	1,308	4,497	14,736	2.9
96-97	0.274218	3,843	1,054	3,316	10,239	2.7
97-98	0.295420	2,789	824	2,377	6,923	2.5
98-99	0.317544	1,965	624	1,653	4,546	2.3
99-100	0.340524	1,341	457	1,113	2,893	2.2
100 and over	1.00000	884	884	1,780	1,780	2.0

Table 15. Life table for non-Hispanic white females: United States, 2007Spreadsheet version available from: http://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/59_09/Table15.xls.

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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	0.005035	100,000	503	99,558	8,061,655	80.6
1-2	0.000371	99,497	37	99,478	7,962,097	80.0
2-3	0.000236	99,460	23	99,448	7,862,619	79.1
3-4	0.000177	99,436	18	99,427	7,763,171	78.1
4-5	0.000126	99,419	12	99,412	7,663,743	77.1
5-6	0.000134	99,406	13	99,399	7,564,331	76.1
6-7	0.000126	99,393	13	99,386	7,464,932	75.1
7-8	0.000119	99,380	12	99,374	7,365,545	74.1
8-9	0.000108	99,368	11	99,363	7,266,171	73.1
9-10	0.000095	99,358	9	99,353	7,166,808	72.1
10-11	0.000084	99,348	8	99,344	7,067,455	71.1
11-12	0.000084	99,340	8	99,336	6,968,111	70.1
12-13	0.000106	99,331	11	99,326	6,868,775	69.2
13-14	0.000154	99,321	15	99,313	6,769,449	68.2
14-15	0.000217	99,306	22	99,295	6,670,136	67.2
15-16	0.000286	99,284	28	99,270	6,570,841	66.2
16-17	0.000348	99,256	35	99,238	6,471,571	65.2
17-18	0.000395	99,221	39	99,202	6,372,332	64.2
18-19	0.000422	99,182	42	99,161	6,273,131	63.2
19-20	0.000436	99,140	43	99,119	6,173,970	62.3
20-21	0.000447	99,097	44	99,075	6,074,851	61.3
21-22	0.000462	99,053	46	99,030	5,975,776	60.3
22-23	0.000477	99,007	47	98,983	5,876,746	59.4
23-24	0.000493	98,960	49	98,935	5,777,763	58.4
24-25	0.000510	98,911	50	98,886	5,678,828	57.4
25-26	0.000528	98,860	52	98,834	5,579,942	56.4
26-27	0.000547	98,808	54	98,781	5,481,108	55.5
27-28	0.000567	98,754	56	98,726	5,382,327	54.5
28-29	0.000588	98,698	58	98,669	5,283,601	53.5
29-30	0.000613	98,640	60	98,610	5,184,932	52.6
30-31	0.000646	98,580	64	98,548	5,086,322	51.6
31-32	0.000689	98,516	68	98,482	4,987,774	50.6
32-33	0.000736	98,448	72	98,412	4,889,292	49.7
33-34	0.000779	98,376	77	98,337	4,790,880	48.7
34-35	0.000824	98,299	81	98,259	4,692,543	47.7
35-36	0.000871	98,218	86	98,175	4,594,285	46.8
36-37	0.000930	98,132	91	98,087	4,496,109	45.8
37-38	0.001003	98,041	98	97,992	4,398,022	44.9
38-39	0.001097	97,943	107	97,889	4,300,030	43.9
39-40	0.001210	97,835	118	97,776	4,202,141	43.0
40-41	0.001331	97,717	130	97,652	4,104,365	42.0
41-42	0.001459	97,587	142	97,516	4,006,713	41.1
42-43	0.001602	97,445	156	97,367	3,909,197	40.1
43-44	0.001758	97,289	171	97,203	3,811,830	39.2
44-45	0.001922	97,118	187	97,024	3,714,627	38.2
45-46	0.002089	96,931	203	96,830	3,617,603	37.3
46-47	0.002259	96,728	219	96,619	3,520,774	36.4
47-48	0.002434	96,510	235	96,392	3,424,154	35.5
48-49	0.002619	96,275	252	96,149	3,327,762	34.6
49-50	0.002819	96,023	271	95,887	3,231,613	33.7
50-51	0.003041	95,752	291	95,607	3,135,726	32.7
51-52	0.003280	95,461	313	95,304	3,040,119	31.8
52-53	0.003532	95,148	336	94,980	2,944,815	30.9
53-54	0.003795	94,812	360	94,632	2,849,835	30.1
54-55	0.004073	94,452	385	94,260	2,755,203	29.2
55-56	0.004370	94,067	411	93,862	2,660,943	28.3
56-57	0.004703	93,656	440	93,436	2,567,082	27.4
57-58	0.005094	93,216	475	92,978	2,473,646	26.5
58-59	0.005562	92,741	516	92,483	2,380,667	25.7
59-60	0.006102	92,225	563	91,944	2,288,184	24.8
60-61	0.006717	91,662	616	91,355	2,196,240	24.0
61-62	0.007382	91,047	672	90,711	2,104,886	23.1
62-63	0.008083	90,375	730	90,009	2,014,175	22.3
63-64	0.008812	89,644	790	89,249	1,924,166	21.5
64-65	0.009603	88,854	853	88,428	1,834,917	20.7

Table 15. Life table for non-Hispanic white females: United States, 2007—Con.Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/59_09/Table15.xls.

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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
65-66	0.010540	88,001	927	87,537	1,746,489	19.8
66-67	0.011501	87,073	1,001	86,573	1,658,952	19.1
67-68	0.012550	86,072	1,080	85,532	1,572,379	18.3
68-69	0.013664	84,992	1,161	84,411	1,486,848	17.5
69-70	0.014895	83,830	1,249	83,206	1,402,436	16.7
70-71	0.016318	82,582	1,348	81,908	1,319,230	16.0
71-72	0.018016	81,234	1,463	80,502	1,237,322	15.2
72-73	0.020007	79,771	1,596	78,973	1,156,820	14.5
73-74	0.022305	78,175	1,744	77,303	1,077,847	13.8
74-75	0.024913	76,431	1,904	75,479	1,000,544	13.1
75-76	0.027866	74,527	2,077	73,489	925,065	12.4
76-77	0.031092	72,450	2,253	71,324	851,577	11.8
77-78	0.034677	70,198	2,434	68,980	780,253	11.1
78-79	0.038660	67,763	2,620	66,453	711,273	10.5
79-80	0.043079	65,144	2,806	63,740	644,819	9.9
80-81	0.047979	62,337	2,991	60,842	581,079	9.3
81-82	0.053404	59,346	3,169	57,762	520,237	8.8
82-83	0.059405	56,177	3,337	54,508	462,475	8.2
83-84	0.066033	52,840	3,489	51,095	407,967	7.7
84-85	0.073343	49,351	3,620	47,541	356,872	7.2
85-86	0.081391	45,731	3,722	43,870	309,331	6.8
86-87	0.090237	42,009	3,791	40,114	265,461	6.3
87-88	0.099940	38,218	3,820	36,308	225,347	5.9
88-89	0.110559	34,399	3,803	32,497	189,039	5.5
89-90	0.122153	30,596	3,737	28,727	156,541	5.1
90-91	0.134779	26,858	3,620	25,048	127,815	4.8
91-92	0.148489	23,238	3,451	21,513	102,766	4.4
92-93	0.163330	19,788	3,232	18,172	81,253	4.1
93-94	0.179343	16,556	2,969	15,071	63,081	3.8
94-95	0.196556	13,587	2,671	12,251	48,010	3.5
95-96	0.214989	10,916	2,347	9,743	35,759	3.3
96-97	0.234646	8,569	2,011	7,564	26,016	3.0
97-98	0.255515	6,559	1,676	5,721	18,452	2.8
98-99	0.277566	4,883	1,355	4,205	12,732	2.6
99-100	0.300753	3,527	1,061	2,997	8,527	2.4
100 and over	1.00000	2,467	2,467	5,530	5,530	2.2