



Department of Health Services Center for Health Statistics



December
2001

DATA
SUMMARY
No. DS01-
12001

Reports from
prior periods
are available
on this
subject.

Highlights

- **Life expectancy for Californians continued to increase in 1997 (78.1 years), 1998 (78.4 years) and 1999 (78.7 years).**
- **In 1997, 1998 and 1999 the life expectancy of Californians exceeded the life expectancy of the U.S population.**
- **The difference in life expectancy between California males and females was 4.7 years in 1999, a narrowing of the difference of 6.7 years in 1990.**

Abridged Life Tables For California, 1997-1999

By Sandy Ficenec

Introduction

Life tables statistically summarize the death rates for a specific period, and they have long been used as the principal analytical tool in the study of life expectancy. There are two types of life tables: the generation or cohort life table and the current life table.

The generation life table provides a longitudinal perspective and involves the mortality experience of a group or cohort of individuals who were born during the same time period. This type of life table best reflects changing environmental conditions, but is not often used due to the practical constraints of gathering mortality data over many years.

A current life table can be characterized as "cross-sectional". The current life table does not, unlike the generation life table, represent the mortality experience of an actual cohort. This type of table considers a hypothetical cohort and assumes that it is subject to the age-specific death rates for an actual population during a particular period. In this report the term "life table" refers only to the current life table and not to the generation life table.

Life tables can also differ in the length of the age intervals used. A complete life table uses every single year of age from birth to the last applicable age. An abridged life table uses broader age intervals--generally five years. This report uses current abridged life tables for all California residents, males and females for 1997, 1998 and 1999.

Life Expectancy at Birth for Total Population

Table 1 shows that in 1999 the average life expectancy at birth was 78.7 years for the total California population. For 1998 and 1997 the total life expectancy was 78.4 and 78.1 years, respectively. Life expectancy continued the general increase that has occurred over the years presented in **Table 1**, going back to 1950. **Figure 1** shows the trend of increasing life expectancy in California for the years 1990-1999. Over this decade, life expectancy increased 2.5 years.

The life expectancy of Californians continues to exceed the life expectancy of the population of the United States (U.S.). In 1999, life expectancy was 78.7

years for the total California population compared to 76.7 years for that of the U.S. population as a whole (Tables 1 and 2).

A description of [methods](#) is provided at the end of this report.

Life Expectancy at Birth by Sex

Life expectancy for females in 1999 was 81.0 years, in 1998 and 1997 it was 80.9 and 80.7 years, respectively. Between 1990 and 1999, life expectancy for females increased 1.5 years. Life expectancy for males was 76.3 years in 1999, 75.8 in 1998 and 75.5 in 1997, and increased 3.5 years between 1990 and 1999. In 1999, the difference in life expectancy between males and females was 4.7 years, a narrowing from the difference of 6.7 years in 1990 (Table 1).

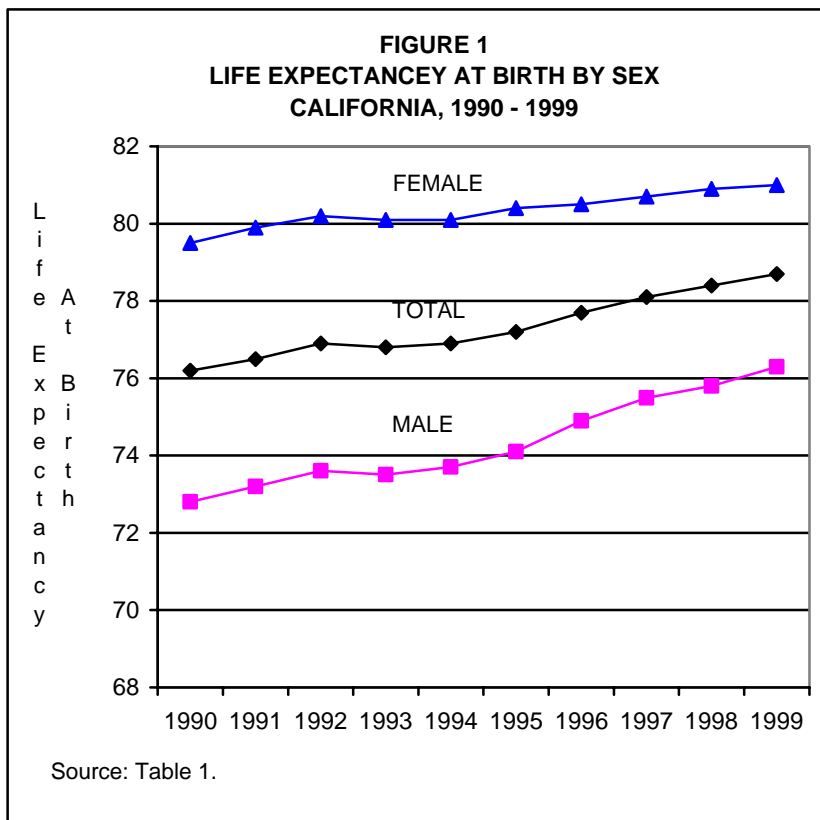


Figure 1 shows the increases in life expectancy for both males and females, as well as the decrease in discrepancy for the two sexes.

When compared to the U.S., California’s male population at birth was expected to live 2.4 years longer than the U.S. male population in 1999, 2 years longer in 1998 and 1.9 years longer in 1997. California’s females were expected to live 1.6 years longer than the U.S. female population in 1999, 1.4 years longer in 1998 and 1.3 years longer in 1997 (Tables 1 and 2).

Life Expectancy at Age 65

Average years of life are often compared at 65 years of age. In 1999, a 65 year old person living in California could expect to live an additional of 18.8 years, for a total of 83.8 years. This was 0.1 year longer than in 1998 and 0.2 year longer than in 1997.

At age 65, Californians were expected to live 1.1 years longer than the U.S. population in 1999 and 0.9 years longer in both 1998 and 1997. The average years of life remaining at age 65 in California has consistently exceeded the average years of life remaining at age 65 in the U.S. (Tables 1 and 2).

Life Expectancy at Age 65 by Sex

In 1999, California’s male population at age 65 was expected to live 1.2 years longer than the U.S. male population while California’s female population was expected to live

1 year longer than the U.S. female population. This is a trend that has continued over many years (**Tables 1 and 2**).

For more data, see the DHS Center for Health Statistics Home Page at:

www.dhs.ca.gov/org/hisp/chs/chsindex.htm

Detailed Life Tables

Tables 3-11 in this report are 1997-1999 abridged life tables for California's total, male and female populations. These tables show more detail than **Tables 1 and 2**, with age intervals calculated in five-year increments.

Methodological Approach

A report entitled "Methodology for Calculating Life Tables for 1977" describes in detail the methodology used in constructing life tables.¹ The standard life table methodology uses Chiang's formulae and the "fraction of last year of life" adjustments to calculate the probability of death.² The methodology used for the 1997-1999 life tables in this report follows this methodology with the exceptions that are noted in the technical notes of the report "California Life Expectancy: Abridged Life Tables For California 1990-1996".³ Population used in this report for the life tables came from the Department of Finance as follows: 1) 1997 Population: Population Estimates with Age and Sex Detail, June 1999, 2) 1998 Population: Population Estimated with Age and Sex Detail, May 2000 and 3) 1999 Population: Population Projections with Age and Sex Detail, December 1998.

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¹ Oreglia A. *Methodology For Constructing Abridged Life Tables For California, 1977*, Data Matters, No. 81-01021, Center for Health Statistics, California Department of Health Services, January 1981.

² Chiang Chin Long. *Life Table and Mortality Analysis*, World Health Organization, 1978.

³ Harms C., McKendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters, No. DM98-08000, Center for Health Statistics, California Department of Health Services, August 1999.

TABLE 1
LIFE EXPECTANCY AT BIRTH
AND AVERAGE YEARS OF LIFE REMAINING AT 65
BY SELECTED YEARS AND SEX
CALIFORNIA, 1919-1941^a, 1950, 1959-61, 1969-71, 1979-81, 1990-1999

YEAR	AT BIRTH			AT 65 YEARS		
	TOTAL POPULATION	MALES	FEMALES	TOTAL POPULATION	MALES	FEMALES
1999	78.7	76.3	81.0	18.8	17.3	20.1
1998	78.4	75.8	80.9	18.7	17.1	20.0
1997	78.1	75.5	80.7	18.6	17.0	20.0
1996	77.7	74.9	80.5	18.6	16.8	20.0
1995	77.2	74.1	80.4	18.5	16.7	19.9
1994	76.9	73.7	80.1	18.3	16.5	19.8
1993	76.8	73.5	80.1	18.3	16.5	19.8
1992	76.9	73.6	80.2	18.4	16.5	19.9
1991	76.5	73.2	79.9	18.1	16.2	19.7
1990	76.2	72.8	79.5	17.9	16.0	19.4
1979-81	74.8	71.3	78.3	17.1	14.9	19.0
1969-71	71.7	68.2	75.4	15.5	13.4	17.4
1959-61	70.9	67.6	74.5	15.1	13.3	16.7
1950	69.2	65.9	73.0	14.5	13.0	16.1
1939-41	NA	61.9	68.3	NA	11.8	14.4
1929-31	NA	58.6	63.7	NA	12.0 ^b	14.0 ^b
1919-20	NA	54.5	58.4	NA	12.4 ^b	13.4 ^b

^a Whites Only

^b Interpolated

NA = Not Available

Sources: 1979-81 and 1990-99 State of California, Department of Health Services, Birth and Death Records.

1969-71 National Center for Health Statistics, U.S. Decennial Life Tables for 1969-71: California, DHEW Publication No. (HRA) 75-1151, U.S. DHEW, June 1975.

1959-61 Norris Frank D., and David C. Riese, *Abridged Life Tables, California, 1959-61*, California Department of Public Health, September 1963.

1950 Schoen, Robert and Marion Collens, *Mortality by Cause: Life Tables for California, 1950-1970*. California State Department for Public Health.

1931-41 National Office of Vital Statistics, *State and Regional Life Tables, 1939-41*, U.S. Federal Security Agency, March 11, 1948, pp. 82-85.

1919-20 and 1929-31 Dublin, Louis I., et al, *Length of Life*, Ronald Press Company, New York 1949, p. 325 and 333.

State of California, Department of Finance; 1970-1996 Race/Ethnic Population Estimates by County with Age and Sex Detail, January 1998. 1997 Population: Population Estimates with Age and Sex Detail, June 1999. 1998 Population: Population Estimates with Age and Sex Detail, May 2000. 1999 Population: 1997-2040 Population Projections with Age and Sex Detail, December 1998.

**TABLE 2
 LIFE EXPECTANCY AT BIRTH
 AND AVERAGE YEARS OF LIFE REMAINING AT 65
 BY SELECTED YEARS AND SEX
 UNITED STATES, 1949-51, 1959-61, 1969-71, 1979-81, 1990-1999**

YEAR	AT BIRTH			AT 65 YEARS		
	TOTAL POPULATION	MALES	FEMALES	TOTAL POPULATION	MALES	FEMALES
1999	76.7	73.9	79.4	17.7	16.1	19.1
1998	76.7	73.8	79.5	17.8	16.0	19.2
1997	76.5	73.6	79.4	17.7	15.9	19.2
1996	76.1	73.1	79.1	17.5	15.7	19.0
1995	75.8	72.5	78.9	17.4	15.6	18.9
1994	75.7	72.4	79.0	17.4	15.5	19.0
1993	75.5	72.2	78.8	17.3	15.3	18.9
1992	75.8	72.3	79.1	17.5	15.4	19.2
1991	75.5	72.0	78.9	17.4	15.3	19.1
1990	75.4	71.8	78.8	17.2	15.1	18.9
1979-81	73.9	70.1	77.6	16.5	14.2	18.4
1969-71	70.8	67.0	74.6	15.0	13.0	16.8
1959-61	69.9	66.8	73.2	14.4	13.0	15.8
1949-51	68.1	65.5	71.0	13.8	12.7	15.0

Note: Prior to 1970 includes deaths of nonresidents of the United States.

Sources: 1949-1998 Data: National Center for Health Statistics, United States Life Tables, 1998, Vol. 48, No.18, Tables 11 and 12, February 2001 and National Center for Health Statistics, Health, United States, 2000 With Adolescent Health Chartbook, July 2000.
 1999 Data: National Vital Statistics Reports, Deaths: Final Data for 1999, Volume 49, Number 8, Tables 6 and 7, September 2001.

**TABLE 3
ABRIDGED LIFE TABLE
FOR TOTAL POPULATION
CALIFORNIA, 1997**

AGE INTERVAL	PROPORTION DYING			OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Uncorrected	Correction Term	Corrected	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	
Period of Life Between Two Exact Ages	Average Annual Death Rate	Fraction of Last Age Interval Lived	Proportion Dying During Age Interval	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	Average Remaining Years of Life
0-1	-	0.18003	0.00590	100,000	590	99,516	7,813,394	78.13
1-5	0.00029	0.39720	0.00115	99,410	114	397,365	7,713,878	77.60
5-10	0.00015	0.48524	0.00073	99,296	73	496,292	7,316,512	73.68
10-15	0.00019	0.56156	0.00093	99,223	92	495,913	6,820,220	68.74
15-20	0.00069	0.57326	0.00346	99,131	343	494,921	6,324,307	63.80
20-25	0.00088	0.49047	0.00438	98,787	433	492,834	5,829,386	59.01
25-30	0.00084	0.50054	0.00417	98,354	410	490,747	5,336,552	54.26
30-35	0.00105	0.52392	0.00525	97,944	514	488,497	4,845,805	49.48
35-40	0.00141	0.52488	0.00701	97,430	683	485,527	4,357,308	44.72
40-45	0.00213	0.53433	0.01058	96,747	1,023	481,350	3,871,782	40.02
45-50	0.00314	0.53152	0.01559	95,723	1,493	475,120	3,390,431	35.42
50-55	0.00466	0.53289	0.02307	94,231	2,174	466,076	2,915,311	30.94
55-60	0.00714	0.53026	0.03511	92,057	3,232	452,693	2,449,236	26.61
60-65	0.01132	0.53494	0.05513	88,825	4,897	432,737	1,996,543	22.48
65-70	0.01762	0.52434	0.08455	83,928	7,097	402,762	1,563,806	18.63
70-75	0.02673	0.52148	0.12563	76,831	9,652	361,064	1,161,044	15.11
75-80	0.04309	0.52196	0.19535	67,179	13,123	304,529	799,980	11.91
80-85	0.06871	0.51112	0.29415	54,056	15,900	231,412	495,451	9.17
85+	0.14451		1.00000	38,156	38,156	264,039	264,039	6.92

Ref: Oreglia Anthony *Methodology for Constructing Abridged Life Tables for California, 1977*, Data Matters. Center for Health Statistics, California Department of Health Services, February 26, 1981.

Harms C, McKendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters. Center for Health Statistics, California Department of Health Services, August 1998.

Sources: State of California, Department of Finance, 1997 Population Estimates with Age and Sex Detail, June 1999. State of California, Department of Health Services, Birth and Death Records.

**TABLE 4
ABRIDGED LIFE TABLE
FOR MALE POPULATION
CALIFORNIA, 1997**

AGE INTERVAL	PROPORTION DYING			OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Uncorrected	Correction Term	Corrected	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	Average Remaining Years of Life
0-1	-	0.18815	0.00622	100,000	622	99,495	7,547,862	75.48
1-5	0.00031	0.38857	0.00126	99,378	125	397,207	7,448,366	74.95
5-10	0.00016	0.48806	0.00082	99,253	82	496,058	7,051,159	71.04
10-15	0.00024	0.54376	0.00120	99,172	119	495,588	6,555,101	66.10
15-20	0.00103	0.57961	0.00514	99,053	509	494,196	6,059,513	61.17
20-25	0.00129	0.48767	0.00645	98,544	636	491,092	5,565,318	56.48
25-30	0.00114	0.49851	0.00568	97,909	556	488,148	5,074,225	51.83
30-35	0.00147	0.52516	0.00732	97,352	713	485,068	4,586,078	47.11
35-40	0.00189	0.52448	0.00940	96,639	909	481,036	4,101,010	42.44
40-45	0.00273	0.53298	0.01357	95,731	1,299	475,620	3,619,974	37.81
45-50	0.00404	0.52529	0.02000	94,432	1,888	467,676	3,144,354	33.30
50-55	0.00577	0.53050	0.02847	92,543	2,635	456,532	2,676,678	28.92
55-60	0.00863	0.53044	0.04230	89,909	3,803	440,613	2,220,146	24.69
60-65	0.01379	0.53378	0.06682	86,105	5,753	417,114	1,779,533	20.67
65-70	0.02148	0.52906	0.10224	80,352	8,215	382,414	1,362,419	16.96
70-75	0.03325	0.51799	0.15392	72,136	11,103	333,923	980,005	13.59
75-80	0.05360	0.51869	0.23739	61,033	14,489	270,299	646,082	10.59
80-85	0.08509	0.50382	0.35130	46,545	16,351	192,157	375,783	8.07
85+	0.16443		1.00000	30,193	30,193	183,626	183,626	6.08

Ref: Oreglia Anthony *Methodology for Constructing Abridged Life Tables for California, 1977*, Data Matters. Center for Health Statistics, California Department of Health Services, February 26, 1981.

Harms C, McKendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters. Center for Health Statistics, California Department of Health Services, August 1998.

Sources: State of California, Department of Finance, 1997 Population Estimates with Age and Sex Detail, June 1999. State of California, Department of Health Services, Birth and Death Records.

**TABLE 5
ABRIDGED LIFE TABLE
FOR FEMALE POPULATION
CALIFORNIA, 1997**

AGE INTERVAL	PROPORTION DYING			OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Uncorrected	Correction Term	Corrected	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	
Period of Life Between Two Exact Ages	Average Annual Death Rate	Fraction of Last Age Interval Lived	Proportion Dying During Age Interval	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	Average Remaining Years of Life
0-1	-	0.17058	0.00556	100,000	556	99,539	8,070,577	80.71
1-5	0.00026	0.40816	0.00104	99,444	103	397,530	7,971,038	80.16
5-10	0.00013	0.48139	0.00064	99,340	64	496,537	7,573,508	76.24
10-15	0.00013	0.59547	0.00065	99,277	65	496,253	7,076,971	71.29
15-20	0.00034	0.54952	0.00168	99,212	167	495,684	6,580,718	66.33
20-25	0.00042	0.49599	0.00209	99,045	207	494,705	6,085,035	61.44
25-30	0.00049	0.50594	0.00243	98,838	240	493,599	5,590,330	56.56
30-35	0.00059	0.52377	0.00297	98,598	293	492,295	5,096,731	51.69
35-40	0.00090	0.52764	0.00449	98,306	442	490,485	4,604,436	46.84
40-45	0.00151	0.53769	0.00753	97,864	737	487,615	4,113,952	42.04
45-50	0.00225	0.54324	0.01121	97,126	1,089	483,145	3,626,337	37.34
50-55	0.00358	0.53700	0.01776	96,037	1,705	476,238	3,143,192	32.73
55-60	0.00570	0.53004	0.02814	94,332	2,654	465,422	2,666,954	28.27
60-65	0.00902	0.53703	0.04417	91,678	4,050	449,014	2,201,532	24.01
65-70	0.01424	0.51956	0.06883	87,628	6,031	423,652	1,752,518	20.00
70-75	0.02168	0.52550	0.10309	81,597	8,411	388,027	1,328,865	16.29
75-80	0.03550	0.52613	0.16375	73,185	11,984	337,532	940,838	12.86
80-85	0.05865	0.51885	0.25699	61,201	15,728	268,169	603,306	9.86
85+	0.13569		1.00000	45,473	45,473	335,137	335,137	7.37

Ref: Oreglia Anthony *Methodology for Constructing Abridged Life Tables for California, 1977*, Data Matters. Center for Health Statistics, California Department of Health Services, February 26, 1981.

Harms C, McKendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters. Center for Health Statistics, California Department of Health Services, August 1998.

Sources: State of California, Department of Finance, 1997 Population Estimates with Age and Sex Detail, June 1999. State of California, Department of Health Services, Birth and Death Records.

**TABLE 6
ABRIDGED LIFE TABLE
FOR TOTAL POPULATION
CALIFORNIA, 1998**

AGE INTERVAL	PROPORTION DYING			OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Uncorrected	Correction Term	Corrected					
Period of Life Between Two Exact Ages	Average Annual Death Rate	Fraction of Last Age Interval Lived	Proportion Dying During Age Interval	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	Average Remaining Years of Life
0-1	-	0.17926	0.00574	100,000	574	99,529	7,838,752	78.39
1-5	0.00026	0.38392	0.00105	99,426	104	397,445	7,739,224	77.84
5-10	0.00013	0.47224	0.00065	99,321	64	496,437	7,341,778	73.92
10-15	0.00020	0.57923	0.00098	99,257	97	496,082	6,845,341	68.97
15-20	0.00062	0.57748	0.00308	99,160	306	495,155	6,349,260	64.03
20-25	0.00085	0.48952	0.00424	98,854	419	493,203	5,854,105	59.22
25-30	0.00080	0.50305	0.00397	98,436	391	491,207	5,360,902	54.46
30-35	0.00097	0.53117	0.00484	98,045	475	489,112	4,869,695	49.67
35-40	0.00134	0.52518	0.00667	97,570	650	486,308	4,380,583	44.90
40-45	0.00204	0.53431	0.01015	96,920	984	482,309	3,894,275	40.18
45-50	0.00306	0.52536	0.01521	95,936	1,459	476,218	3,411,966	35.56
50-55	0.00451	0.52971	0.02233	94,477	2,110	467,422	2,935,749	31.07
55-60	0.00696	0.52468	0.03421	92,367	3,160	454,324	2,468,326	26.72
60-65	0.01105	0.53044	0.05386	89,207	4,805	434,754	2,014,002	22.58
65-70	0.01723	0.52438	0.08275	84,402	6,985	405,401	1,579,248	18.71
70-75	0.02691	0.52413	0.12645	77,418	9,790	363,796	1,173,847	15.16
75-80	0.04206	0.52165	0.19107	67,628	12,922	307,235	810,051	11.98
80-85	0.06955	0.51417	0.29750	54,707	16,275	233,998	502,815	9.19
85+	0.14296		1.00000	38,431	38,431	268,817	268,817	6.99

Ref: Oreglia Anthony *Methodology for Constructing Abridged Life Tables for California, 1977*, Data Matters. Center for Health Statistics, California Department of Health Services, February 26, 1981.

Harms C, McKendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters. Center for Health Statistics, California Department of Health Services, August 1998.

Sources: State of California, Department of Finance, 1998 Population Estimates with Age and Sex Detail, May 2000. State of California, Department of Health Services, Birth and Death Records.

**TABLE 7
ABRIDGED LIFE TABLE
FOR MALE POPULATION
CALIFORNIA, 1998**

AGE INTERVAL	PROPORTION DYING			OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Uncorrected	Correction Term	Corrected	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	
Period of Life Between Two Exact Ages	Average Annual Death Rate	Fraction of Last Age Interval Lived	Proportion Dying During Age Interval	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	Average Remaining Years of Life
0-1	-	0.18387	0.00611	100,000	611	99,502	7,579,958	75.80
1-5	0.00029	0.38835	0.00114	99,389	113	397,280	7,480,457	75.26
5-10	0.00014	0.45554	0.00071	99,276	70	496,189	7,083,176	71.35
10-15	0.00024	0.57342	0.00118	99,206	117	495,778	6,586,987	66.40
15-20	0.00089	0.58740	0.00444	99,088	440	494,534	6,091,209	61.47
20-25	0.00125	0.49244	0.00624	98,648	616	491,678	5,596,675	56.73
25-30	0.00110	0.50035	0.00547	98,033	536	488,824	5,104,997	52.07
30-35	0.00130	0.52562	0.00647	97,497	631	485,987	4,616,173	47.35
35-40	0.00171	0.52171	0.00854	96,866	827	482,351	4,130,186	42.64
40-45	0.00263	0.53374	0.01308	96,039	1,256	477,267	3,647,834	37.98
45-50	0.00393	0.51963	0.01946	94,783	1,845	469,484	3,170,568	33.45
50-55	0.00573	0.52296	0.02825	92,938	2,625	458,429	2,701,084	29.06
55-60	0.00855	0.51966	0.04187	90,313	3,782	442,482	2,242,655	24.83
60-65	0.01355	0.53159	0.06567	86,531	5,683	419,348	1,800,172	20.80
65-70	0.02089	0.52512	0.09953	80,849	8,047	385,137	1,380,825	17.08
70-75	0.03341	0.52303	0.15472	72,802	11,264	337,147	995,688	13.68
75-80	0.05247	0.51710	0.23287	61,538	14,330	273,091	658,541	10.70
80-85	0.08571	0.50749	0.35385	47,208	16,704	194,905	385,450	8.16
85+	0.16009		1.00000	30,504	30,504	190,545	190,545	6.25

Ref: Oreglia Anthony *Methodology for Constructing Abridged Life Tables for California, 1977*, Data Matters. Center for Health Statistics, California Department of Health Services, February 26, 1981.

Harms C, McKendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters. Center for Health Statistics, California Department of Health Services, August 1998.

Sources: State of California, Department of Finance, 1998 Population Estimates with Age and Sex Detail, May 2000. State of California, Department of Health Services, Birth and Death Records.

**TABLE 8
ABRIDGED LIFE TABLE
FOR FEMALE POPULATION
CALIFORNIA, 1998**

AGE INTERVAL	PROPORTION DYING			OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Uncorrected	Correction Term	Corrected	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	Average Remaining Years of Life
0-1	-	0.17379	0.00537	100,000	537	99,557	8,088,909	80.89
1-5	0.00024	0.37837	0.00095	99,463	95	397,618	7,989,352	80.32
5-10	0.00012	0.49349	0.00058	99,368	58	496,696	7,591,735	76.40
10-15	0.00015	0.58874	0.00076	99,311	76	496,399	7,095,038	71.44
15-20	0.00033	0.54726	0.00164	99,235	163	495,806	6,598,640	66.49
20-25	0.00041	0.47655	0.00203	99,072	201	494,833	6,102,833	61.60
25-30	0.00045	0.50892	0.00225	98,871	222	493,808	5,608,000	56.72
30-35	0.00061	0.54732	0.00303	98,648	299	492,565	5,114,192	51.84
35-40	0.00094	0.53340	0.00469	98,349	461	490,671	4,621,628	46.99
40-45	0.00144	0.53630	0.00715	97,888	700	487,818	4,130,956	42.20
45-50	0.00221	0.53602	0.01098	97,188	1,067	483,465	3,643,138	37.49
50-55	0.00333	0.54093	0.01652	96,121	1,588	476,961	3,159,673	32.87
55-60	0.00543	0.53207	0.02679	94,533	2,532	466,743	2,682,712	28.38
60-65	0.00873	0.52926	0.04276	92,001	3,934	450,747	2,215,969	24.09
65-70	0.01399	0.52407	0.06770	88,067	5,962	426,149	1,765,222	20.04
70-75	0.02184	0.52611	0.10383	82,105	8,525	390,326	1,339,074	16.31
75-80	0.03452	0.52710	0.15959	73,580	11,743	340,135	948,748	12.89
80-85	0.05950	0.52098	0.26041	61,837	16,103	270,620	608,613	9.84
85+	0.13531		1.00000	45,735	45,735	337,993	337,993	7.39

Ref: Oreglia Anthony *Methodology for Constructing Abridged Life Tables for California, 1977*, Data Matters. Center for Health Statistics, California Department of Health Services, February 26, 1981.

Harms C, McKendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters. Center for Health Statistics, California Department of Health Services, August 1998.

Sources: State of California, Department of Finance, 1998 Population Estimates with Age and Sex Detail, May 2000. State of California, Department of Health Services, Birth and Death Records.

**TABLE 9
ABRIDGED LIFE TABLE
FOR TOTAL POPULATION
CALIFORNIA, 1999**

AGE INTERVAL	PROPORTION DYING			OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Uncorrected	Correction Term	Corrected	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	
Period of Life Between Two Exact Ages	Average Annual Death Rate	Fraction of Last Age Interval Lived	Proportion Dying During Age Interval	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	Average Remaining Years of Life
0-1	-	0.18103	0.00538	100,000	538	99,559	7,867,462	78.67
1-5	0.00027	0.37711	0.00107	99,462	107	397,583	7,767,903	78.10
5-10	0.00012	0.49428	0.00060	99,355	60	496,626	7,370,320	74.18
10-15	0.00018	0.54141	0.00088	99,296	87	496,278	6,873,694	69.22
15-20	0.00056	0.57425	0.00279	99,208	277	495,452	6,377,417	64.28
20-25	0.00079	0.49681	0.00396	98,931	392	493,672	5,881,965	59.45
25-30	0.00077	0.51042	0.00383	98,540	377	491,775	5,388,293	54.68
30-35	0.00091	0.52519	0.00456	98,162	447	489,751	4,896,518	49.88
35-40	0.00127	0.53414	0.00634	97,715	620	487,132	4,406,768	45.10
40-45	0.00194	0.53081	0.00967	97,095	939	483,275	3,919,635	40.37
45-50	0.00315	0.52329	0.01562	96,157	1,502	477,203	3,436,360	35.74
50-55	0.00439	0.52843	0.02173	94,654	2,057	468,422	2,959,158	31.26
55-60	0.00672	0.52399	0.03307	92,598	3,062	455,700	2,490,735	26.90
60-65	0.01071	0.53432	0.05224	89,536	4,677	436,787	2,035,035	22.73
65-70	0.01677	0.52488	0.08065	84,858	6,844	408,032	1,598,248	18.83
70-75	0.02645	0.52451	0.12443	78,014	9,707	366,992	1,190,216	15.26
75-80	0.04166	0.52476	0.18953	68,307	12,946	310,772	823,224	12.05
80-85	0.06855	0.51076	0.29354	55,361	16,251	237,053	512,452	9.26
85+	0.14201		1.00000	39,110	39,110	275,399	275,399	7.04

Ref: Oreglia Anthony *Methodology for Constructing Abridged Life Tables for California, 1977*, Data Matters. Center for Health Statistics, California Department of Health Services, February 26, 1981.

Harms C, McKendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters. Center for Health Statistics, California Department of Health Services, August 1998.

Sources: State of California, Department of Finance, Population Projections, December 1998.
State of California, Department of Health Services, Birth and Death Records.

**TABLE 10
ABRIDGED LIFE TABLE
FOR MALE POPULATION
CALIFORNIA, 1999**

AGE INTERVAL	PROPORTION DYING			OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Uncorrected	Correction Term	Corrected	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	
Period of Life Between Two Exact Ages	Average Annual Death Rate	Fraction of Last Age Interval Lived	Proportion Dying During Age Interval	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	Average Remaining Years of Life
0-1	-	0.18674	0.00578	100,000	578	99,530	7,626,826	76.27
1-5	0.00030	0.37499	0.00119	99,422	118	397,394	7,527,296	75.71
5-10	0.00012	0.48383	0.00062	99,304	62	496,363	7,129,901	71.80
10-15	0.00021	0.56420	0.00104	99,243	103	495,989	6,633,538	66.84
15-20	0.00079	0.58343	0.00394	99,140	390	494,885	6,137,549	61.91
20-25	0.00117	0.49119	0.00582	98,749	575	492,284	5,642,664	57.14
25-30	0.00104	0.50804	0.00520	98,175	511	489,616	5,150,380	52.46
30-35	0.00121	0.52474	0.00606	97,664	591	486,913	4,660,764	47.72
35-40	0.00164	0.53021	0.00817	97,072	793	483,498	4,173,851	43.00
40-45	0.00247	0.53204	0.01230	96,279	1,184	478,626	3,690,353	38.33
45-50	0.00399	0.52077	0.01976	95,095	1,879	470,974	3,211,727	33.77
50-55	0.00548	0.52550	0.02705	93,216	2,522	460,099	2,740,753	29.40
55-60	0.00816	0.51928	0.03999	90,695	3,627	444,754	2,280,654	25.15
60-65	0.01286	0.53157	0.06242	87,067	5,435	422,608	1,835,899	21.09
65-70	0.01991	0.52475	0.09507	81,633	7,761	389,721	1,413,291	17.31
70-75	0.03273	0.52294	0.15178	73,872	11,212	342,613	1,023,571	13.86
75-80	0.05121	0.52023	0.22805	62,659	14,289	279,017	680,958	10.87
80-85	0.08377	0.50212	0.34658	48,370	16,764	200,117	401,941	8.31
85+	0.15660		1.00000	31,606	31,606	201,823	201,823	6.39

Ref: Oreglia Anthony *Methodology for Constructing Abridged Life Tables for California, 1977*, Data Matters.
Center for Health Statistics, California Department of Health Services, February 26, 1981.

Harms C, McKendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters.
Center for Health Statistics, California Department of Health Services, August 1998.

Sources: State of California, Department of Finance, Population Projections, December 1998.
State of California, Department of Health Services, Birth and Death Records.

**TABLE 11
ABRIDGED LIFE TABLE
FOR FEMALE POPULATION
CALIFORNIA, 1999**

AGE INTERVAL	PROPORTION DYING			OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Uncorrected	Correction Term	Corrected	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	
Period of Life Between Two Exact Ages	Average Annual Death Rate	Fraction of Last Age Interval Lived	Proportion Dying During Age Interval	Number Living at Beginning of Age Interval	Number Dying During Age Interval	In the Age Interval	In This And All Subsequent Age Intervals	Average Remaining Years of Life
0-1	-	0.17408	0.00496	100,000	496	99,590	8,098,776	80.99
1-5	0.00024	0.37987	0.00095	99,504	95	397,779	7,999,186	80.39
5-10	0.00012	0.50601	0.00058	99,409	58	496,901	7,601,407	76.47
10-15	0.00014	0.50649	0.00071	99,351	71	496,580	7,104,505	71.51
15-20	0.00031	0.54661	0.00157	99,280	155	496,048	6,607,925	66.56
20-25	0.00038	0.51564	0.00192	99,125	190	495,162	6,111,878	61.66
25-30	0.00045	0.51464	0.00227	98,934	224	494,128	5,616,716	56.77
30-35	0.00058	0.52939	0.00288	98,710	284	492,883	5,122,588	51.90
35-40	0.00088	0.54295	0.00440	98,426	433	491,141	4,629,705	47.04
40-45	0.00140	0.52904	0.00697	97,993	683	488,357	4,138,564	42.23
45-50	0.00231	0.52781	0.01150	97,310	1,119	483,909	3,650,208	37.51
50-55	0.00333	0.53269	0.01650	96,191	1,587	477,248	3,166,299	32.92
55-60	0.00534	0.53073	0.02637	94,604	2,495	467,167	2,689,051	28.42
60-65	0.00870	0.53851	0.04263	92,109	3,927	451,485	2,221,885	24.12
65-70	0.01397	0.52532	0.06763	88,182	5,964	426,757	1,770,400	20.08
70-75	0.02148	0.52805	0.10220	82,218	8,403	391,264	1,343,642	16.34
75-80	0.03470	0.53016	0.16042	73,816	11,842	341,261	952,378	12.90
80-85	0.05891	0.51919	0.25802	61,974	15,990	271,430	611,118	9.86
85+	0.13537		1.00000	45,984	45,984	339,688	339,688	7.39

Ref: Oreglia Anthony *Methodology for Constructing Abridged Life Tables for California, 1977*, Data Matters Center for Health Statistics, California Department of Health Services, February, 26, 1981.

Harms C, Mckendry J. *California Life Expectancy: Abridged Life Tables For California, 1990-96*, Data Matters. Center for Health Statistics, California Department of Health Services, August 1998.

Sources: State of California, California Department of Finance, Population Projections, December 1998.
State of California, Department of Health Services, Birth and Death Records.