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October 25, 2022

SENT VIA EMAIL

Re: Final Determination Letter FOIA Case 23-010

I am responding to your request dated and received October 15, 2022, by the FOIA Office of the Indian Health Service (IHS). You requested the following:

“A copy of the three (3) most recent Indian Health Service Life Expectancy Reports. Those reports are prepared ANNUALLY or approximately annually by the IHS Office of Public Health Support Division of Program Statistics.”

Your request was processed pursuant to the FOIA and IHS regulations. At this time, we are providing 203 pages of material in their entirety.

Additionally, the overall Life Expectancy rate for 2009-2011 was published on the IHS website on the Disparities Fact Sheet at this link <https://www.ihs.gov/newsroom/factsheets/disparities/>.

If you have any questions or need further assistance, please contact Jim Souther at IHSFOIAMailbox@ihs.gov.

Sincerely,

Carl G.
Mitchell -S



Digitally signed by Carl G.
Mitchell -S
Date: 2022.10.25
13:06:51 -04'00'

Carl G. Mitchell
FOIA Officer, Director, Division of Regulatory and Policy Coordination

CC: 23-010 File



Life Expectancy

American Indians and Alaska Natives



Data Years: 2003-2005

U. S. Department of Health and Human Services
Indian Health Service
Office of Public Health Support
Division of Program Statistics
Demographic Statistics Team

Date Released: October, 2010

**LIFE TABLES FOR THE AMERICAN INDIAN AND ALASKA
NATIVE IHS SERVICE POPULATION BY IHS AREA AND
GENDER, 2003-2005, WITH COMPARABLE DATA FOR THE
U. S. ALL RACES, WHITE, AND BLACK POPULATIONS, 2004**

U. S. Department of Health and Human Services
Indian Health Service
Office of Public Health Support
Division of Program Statistics

This report was prepared by JoAnn Glakas Pappalardo (Senior Statistician) and Alan Freidman (Health Statistician) Demographic Statistics Team (DST), Division of Program Statistics.

Additional American Indian and Alaska Native health status information can be obtained from the Demographic Statistics Team.

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INTRODUCTION

Life tables are a comprehensive measure of the effect of mortality on life expectancy and are a more refined means of measuring mortality levels in a population than crude, age-specific, or age-adjusted mortality rates. They allow comparison of mortality rates between populations without requiring adjustment to an actual standard population in order to account for differences in age distributions between those populations.

Life tables are routinely prepared by the National Center for Health Statistics (NCHS) by race/ethnicity and gender. NCHS does not, however, prepare life tables for the American Indian and Alaska Native (AI/AN) population. The purpose of this report is to provide life tables for the AI/AN population residing in the service area in which the Indian Health Service (IHS) has responsibilities and to make comparisons between Indian life expectancy and the all races, white, and black U.S. populations. This report also includes a discussion of life table definitions and methodology in order to provide a better understanding of life table data. The life tables included in this report are based on three years of data because of the small numbers of American Indian and Alaska Native deaths that occur during a single calendar year.

The starting point for the construction of a life table is a series of age-specific mortality rates developed for that population. All other functions in the table evolve from these rates. The other functions include the number of survivors, the number of deaths, the number of person-years lived at a given age, the number of person-years lived after reaching that age, and the expected future life for a person reaching that age.

Life expectancy is not to be confused with life span. Life expectancy, simply put, is the number of years an average person can expect to live and is measurable using current mortality statistics. Life expectancy varies across generations, countries around the world, by race, and by gender. Life span is the maximum number of years a species expects to live under optimum conditions. Life span has probably not changed in recent times; it is a concept that cannot be measured easily.

TYPES OF LIFE TABLES

GENERATION VERSUS PERIOD LIFE TABLES

It is important to understand some basic concepts regarding life tables. There are two different types of life tables: the generation or cohort life table and the current or period life table. The generation life table is based on the mortality experience of a particular birth cohort, which includes all persons born in a particular year. Preparation of a generation life table requires use of the mortality rates actually experienced by that cohort at each age during its lifetime, until all persons in the cohort have died. It provides a longitudinal picture of the actual lifetime experience of a particular group of people. It is difficult to prepare since it requires compilation of mortality data over a very long period of time, (i.e. 100 years or more), depending on the

number of years the last surviving member of the cohort lives. Because of the extended time period required to complete generation life tables, such tables are seldom prepared.

The current or period life table presented in this report is more commonly used as it is based on a "synthetic" instead of a real birth cohort. A synthetic cohort consists of a population distributed by age as it exists at a particular point in time and is cross-sectional in that it crosses numerous generations and includes people born in many different years. A period life table is representative of the combined mortality experience by age of a cross-section of population at a particular point in time, and is developed based on the applicable age-specific mortality rates for a time era. As such, a synthetic cohort does not represent the actual experience of a real cohort. The current life table provides a "snap shot" of current mortality experience and provides an indicator of the long-term results should current mortality rates prevail.

Both current and generation life tables assume a cohort of 100,000 live births as a starting point. All values generated by the life table evolve from the original 100,000 births.

The current life table itself can be interpreted in two ways. The first interpretation is a birth cohort of 100,000 live births aging over time and subject to the mortality conditions shown over its lifetime. The second interpretation is a "stationary population" in which there are 100,000 live births every year with each birth cohort subject to the same age-specific mortality rates over its lifetime, resulting in a population with an unchanging number and age distribution.

COMPLETE VERSUS ABRIDGED LIFE TABLES

Complete life tables contain data by single year of age; they use counts of the population enumerated during a decennial census and deaths for a three-year period centered on the decennial census year. Abridged life tables contain data by five-year age intervals and are usually prepared annually; however, for this report they have been prepared using three-year aggregated data because of the relatively small number of AI/ANs residing in the counties included in the IHS service delivery area. Annual abridged life tables are prepared by using the most recent decennial life table as a standard and adjusting abridged life table functions to that standard.

The methodology used here was developed by NCHS and is referred to as, "The revised method of computing life tables by reference to a 'standard' table." The appendix provides a brief description of the methodology.

NCHS developed a report that discusses the methodology in detail.¹ Guidance on how to interpret a life table is also included in the appendix.

¹ Comparison of Two Methods of Constructing Abridged Life Tables by Reference to a "Standard" Table. Public Health Service Publication Number 1000, Series 2, Number 4. Revised March 1996.

ADJUSTING FOR MISREPORTING OF INDIAN RACE ON STATE DEATH CERTIFICATES

Misreporting of Indian race on state death certificates occurs, especially in areas distant from traditional Indian reservations. In order to determine the degree and scope of the misreporting, IHS conducted a study utilizing the National Death Index (NDI) maintained by NCHS. The results of the NDI study provide sufficient numbers to calculate adjustments to the number of deaths by sex for each IHS Area, for IHS overall, and for five-year age groups. **Adjusted life expectancies** are considered to be a more accurate representation of Indian life expectancy than actual life expectancies since they are "adjusted" to account for misreporting of American Indian race on state death certificates. Therefore, the analyses in this report are based upon the adjusted life expectancies. For more information on adjusting for misreporting of Indian race on state Death certificates, see *Appendix Page 5*.

DATA PRESENTATIONS

A summary table (Table 1) and 12 charts (Charts A1-D3) for AI/AN life expectancies at birth and for persons at several age groups (20-24 years, 40-44 years, and 60-64 years) are presented in this report. Data are provided by gender (all AI/AN, male, and female), and for each IHS Area. For comparison, the table and accompanying charts show the life expectancies for U.S. all races, U.S. white, and U.S. black populations. Life expectancies for other five-year age groups, in addition to those selected for review in this report, are provided in the detailed life expectancy tables found in the *Appendix* at the end of the report.

The life expectancy data presented in this report are based upon data that have been adjusted for the misreporting of AI/AN race on the death certificate. Unadjusted life expectancy data are included in Table 1. Detailed unadjusted life expectancy tables for each of the 12 IHS Areas are available upon request from the Division of Program Statistics. See *Introduction* for contact information.

**LIFE EXPECTANCY AT BIRTH
(TABLE 1 AND CHARTS A1, A2, AND A3)**

Table A. Life expectancy at birth, 2003-2005

IHS AREA		ADJUSTED (Years of Life Remaining)
1	Nashville	78.1
2	California	77.7
3	Albuquerque	76.3
4	Navajo	74.6
5	Phoenix	73.6
6	Portland	73.6
7	Alaska	71.5
8	Tucson	71.2
9	Oklahoma	70.9
10	Bemidji	68.8
11	Billings	68.3
12	Aberdeen	67.3

Life expectancy at birth for all twelve IHS Areas was 72.6 years (2003-2005). Comparable data for U.S. population (2004) were all races 77.8, white 78.3, and black 73.1.

For each IHS Area, life expectancies for females were higher than those for males. To measure the magnitude of this difference, ratios between the female life expectancies and the male life expectancies by IHS Area are presented (see Table 1). These ratios varied from 1.03 in Nashville to 1.13 in Navajo. For all twelve IHS Areas this ratio was 1.09 (2003-2005). The comparable female to male ratios for the (2004) U.S. all races, white, and black populations were 1.07, 1.07, and 1.10 respectively.

**YEARS OF LIFE REMAINING FOR PERSONS 20-24 YEARS OF AGE
(TABLE 1 AND CHARTS B1, B2, AND B3)**

Table B. Years of life remaining at 20-24 years, 2003-2005

IHS AREA		ADJUSTED (Years of Life Remaining)
1	Nashville	59.7
2	California	58.9
3	Albuquerque	57.1
4	Navajo	56.1
5	Portland	55.0
6	Phoenix	54.9
7	Alaska	52.6
8	Oklahoma	52.5
9	Tucson	52.5
10	Bemidji	50.3
11	Billings	50.0
12	Aberdeen	48.5

The years of life remaining for the age group 20-24 years for all twelve IHS Areas was 54.1 years. Comparable data for U.S. populations (2004) were all races 58.8, white 59.1, and black 54.6 years.

Ratios of female to male years of life remaining for AI/AN in the age group 20-24 years varied from 1.04 for Nashville to 1.17 for Navajo. For all twelve IHS Areas this ratio was 1.12. The comparable ratios for the U.S. all races, white, and black populations were 1.09, 1.09, and 1.13, respectively.

**YEARS OF LIFE REMAINING FOR PERSONS 40-44 YEARS OF AGE
(TABLE 1 AND CHARTS C1, C2, AND C3)**

Table C. Years of life remaining at 40-44 years, 2003-2005

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	41.3
2	California	40.8
3	Albuquerque	39.8
4	Navajo	39.2
5	Phoenix	37.5
6	Portland	37.1
7	Alaska	35.8
8	Oklahoma	35.2
9	Tucson	35.0
10	Billings	33.6
11	Bemidji	32.8
12	Aberdeen	31.7

The years of life remaining for the age group 40-44 years for all twelve IHS Areas was 36.7 years. Comparable data for U.S. populations (2004) were all races 39.9, white 40.1, and black 36.3.

Ratios of female to male years of life remaining for AI/AN in the age group 40-44 years varied from 1.04 for Nashville to 1.20 for Aberdeen. For the twelve IHS Areas this ratio was 1.13. The comparable ratios for the U.S. all races, white, and black populations were 1.11, 1.11, and 1.16 respectively.

**YEARS OF LIFE REMAINING FOR PERSONS 60-64 YEARS OF AGE
(TABLE 1 AND CHARTS D1, D2, AND D3)**

Table D. Years of life remaining at 60-64 years, 2003-2005

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	25.1
2	California	24.2
3	Albuquerque	23.9
4	Navajo	22.9
5	Phoenix	22.3
6	Portland	21.1
7	Tucson	20.4
8	Oklahoma	20.0
9	Alaska	19.7
10	Billings	18.7
11	Bemidji	17.2
12	Aberdeen	17.1

The years of life remaining for the age group 60-64 years for all twelve IHS Areas was 22.4 years. Comparable data for U.S. populations (2004) were all races 22.5, white 22.6, and black 20.4 years.

Ratios of female to male years of life remaining for AI/AN in the age group 60-64 varied from 1.02 for Nashville to 1.25 for Aberdeen. For the twelve IHS Areas this ratio was 1.17. The comparable ratios for the U.S. all races, white, and black populations were 1.15, 1.15, and 1.22 respectively.

Table 1. LIFE EXPECTANCY AT SELECTED AGES AND RELATIVE RANKINGS OF AMERICAN INDIANS AND ALASKA NATIVES RESIDING IN IHS SERVICE AREAS, 2003-2005

A. LIFE EXPECTANCY AT BIRTH (Years of life remaining)

	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	(Female: Male)
IHS (All 12 Areas)	74.9	72.6		72.3	69.4		78.0	75.8		1.09
Aberdeen	67.0	67.3	(12)	63.1	62.8	(12)	70.8	70.4	(12)	1.12
Alaska	71.6	71.5	(7)	68.6	67.8	(8)	74.6	73.8	(9)	1.09
Albuquerque	76.5	76.3	(3)	72.2	71.4	(3)	80.7	80.0	(2)	1.12
Bemidji	71.5	68.8	(10)	68.8	66.2	(10)	74.2	71.6	(11)	1.08
Billings	69.3	68.3	(11)	66.0	64.8	(11)	72.5	71.7	(10)	1.11
California	83.4	77.7	(2)	81.1	75.1	(2)	85.5	80.1	(1)	1.07
Nashville	80.4	78.1	(1)	79.4	76.9	(1)	81.5	79.4	(3)	1.03
Navajo	74.8	74.6	(4)	70.2	70.0	(6)	79.5	79.3	(4)	1.13
Oklahoma	76.4	70.9	(9)	73.0	67.7	(9)	79.6	74.1	(8)	1.09
Phoenix	74.4	73.6	(5)	71.3	70.5	(5)	77.5	76.6	(5)	1.09
Portland	74.4	73.6	(5)	72.1	71.4	(3)	76.5	75.7	(6)	1.06
Tucson	71.8	71.2	(8)	68.6	68.0	(7)	74.7	74.2	(7)	1.09
<i>U.S. All Races (2004)</i>	77.8			75.2			80.4			1.07
<i>U.S. White (2004)</i>	78.3			75.7			80.8			1.07
<i>U.S. Black (2004)</i>	73.1			69.5			76.3			1.10

B. LIFE EXPECTANCY, PERSONS 20-24 YEARS (Years of life remaining)

	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	(Female: Male)
IHS (12 Areas)	56.2	54.1		53.2	51.1		59.1	57.1		1.12
Aberdeen	48.9	48.5	(12)	45.2	44.8	(12)	52.5	52.1	(12)	1.16
Alaska	53.4	52.6	(7)	50.6	49.9	(7)	56.1	55.3	(9)	1.11
Albuquerque	57.9	57.1	(3)	53.8	52.9	(4)	61.9	61.3	(1)	1.16
Bemidji	52.7	50.3	(10)	50.3	47.8	(10)	55.2	52.9	(11)	1.11
Billings	51.0	50.0	(11)	47.9	46.9	(11)	53.8	53.0	(10)	1.13
California	64.1	58.9	(2)	62.1	56.6	(2)	66.0	61.1	(2)	1.08
Nashville	61.7	59.7	(1)	60.8	58.6	(1)	62.7	60.9	(3)	1.04
Navajo	56.3	56.1	(4)	51.8	51.6	(6)	60.8	60.6	(4)	1.17
Oklahoma	57.3	52.5	(8)	54.2	49.5	(8)	60.3	55.5	(7)	1.12
Phoenix	55.6	54.9	(6)	52.6	51.9	(5)	58.5	57.8	(5)	1.11
Portland	56.3	55.0	(5)	54.3	53.0	(3)	58.1	56.9	(6)	1.07
Tucson	52.8	52.5	(8)	49.8	49.3	(9)	55.6	55.4	(8)	1.12
<i>U.S. All Races (2004)</i>	58.8			56.2			61.2			1.09
<i>U.S. White (2004)</i>	59.1			56.6			61.5			1.09
<i>U.S. Black (2004)</i>	54.6			51.2			57.7			1.13

() = Area Office rank.

UNADJ = Unadjusted; data not adjusted to compensate for misreporting of AI/AN race on state death certificates.

ADJ = Adjusted; data adjusted to compensate for misreporting of AI/AN race on state death certificates.

Table 1. (Continued) LIFE EXPECTANCY AT SELECTED AGES AND RELATIVE RANKINGS OF AMERICAN INDIANS AND ALASKA NATIVES RESIDING IN IHS SERVICE AREAS, 2003-2005

C. LIFE EXPECTANCY, PERSONS 40-44 YEARS (Years of life remaining)

	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	(Female: Male)
IHS (12 Areas)	38.4	36.7		36.0	34.3		40.6	38.9		1.13
Aberdeen	32.0	31.7	(12)	29.1	28.7	(12)	34.8	34.4	(12)	1.20
Alaska	36.4	35.8	(7)	34.3	33.7	(7)	38.3	37.7	(7)	1.12
Albuquerque	40.5	39.8	(3)	37.2	36.5	(3)	43.5	43.0	(1)	1.18
Bemidji	34.7	32.8	(11)	32.9	30.9	(11)	36.5	34.7	(11)	1.12
Billings	34.4	33.6	(10)	32.1	31.2	(10)	36.5	35.8	(10)	1.15
California	45.2	40.8	(2)	43.5	38.7	(2)	46.7	42.5	(2)	1.10
Nashville	43.0	41.3	(1)	42.3	40.4	(1)	43.8	42.2	(3)	1.04
Navajo	39.3	39.2	(4)	36.1	35.9	(4)	42.3	42.2	(3)	1.18
Oklahoma	39.0	35.2	(8)	36.2	32.6	(8)	41.4	37.6	(8)	1.15
Phoenix	38.1	37.5	(5)	35.9	35.2	(6)	40.0	39.4	(5)	1.12
Portland	38.2	37.1	(6)	36.8	35.7	(5)	39.5	38.5	(6)	1.08
Tucson	35.4	35.0	(9)	32.8	32.1	(9)	37.7	37.6	(8)	1.17
<i>U.S. All Races (2004)</i>	39.9			37.6			41.9			1.11
<i>U.S. White (2004)</i>	40.1			37.9			42.1			1.11
<i>U.S. Black (2004)</i>	36.3			33.4			38.8			1.16

D. LIFE EXPECTANCY, PERSONS 60-64 YEARS (Years of life remaining)

	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	(Female: Male)
IHS (12 Areas)	22.4	21.0		20.7	19.3		23.8	22.5		1.17
Aberdeen	17.4	17.1	(12)	15.4	15.1	(12)	19.0	18.8	(11)	1.25
Alaska	20.2	19.7	(9)	18.4	18.0	(8)	21.7	21.2	(8)	1.18
Albuquerque	24.4	23.9	(3)	21.9	21.3	(3)	26.5	26.2	(1)	1.23
Bemidji	18.7	17.2	(11)	17.4	15.8	(11)	19.8	18.4	(12)	1.16
Billings	19.4	18.7	(10)	17.6	16.9	(10)	20.8	20.2	(10)	1.20
California	28.0	24.2	(2)	26.9	22.6	(2)	28.9	25.4	(2)	1.12
Nashville	26.5	25.1	(1)	26.5	24.8	(1)	26.5	25.3	(3)	1.02
Navajo	23.0	22.9	(4)	21.1	20.9	(4)	24.7	24.6	(4)	1.18
Oklahoma	22.9	20.0	(8)	20.7	17.9	(9)	24.7	22.0	(6)	1.23
Phoenix	22.8	22.3	(5)	21.5	20.9	(4)	23.8	23.3	(5)	1.11
Portland	22.0	21.1	(6)	21.0	20.0	(6)	22.8	21.9	(7)	1.10
Tucson	20.8	20.4	(7)	19.9	19.3	(7)	21.3	21.1	(9)	1.09
<i>U.S. All Races (2004)</i>	22.5			20.8			24.0			1.15
<i>U.S. White (2004)</i>	22.6			20.9			24.1			1.15
<i>U.S. Black (2004)</i>	20.4			18.2			22.2			1.22

() = Area Office rank.

UNADJ = Unadjusted; data not adjusted to compensate for misreporting of AI/AN race on state death certificates.

ADJ = Adjusted; data adjusted to compensate for misreporting of AI/AN race on state death certificates.

APPENDIX

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CONSTRUCTING ABRIDGED LIFE TABLES

LIFE TABLE VALUES

The life tables in this report include the basic life table functions commonly shown as part of a published life table. The columns in a life table are identified by mathematical symbols as described below.

- ${}_nQ_x$ The probability of dying during the age interval.
- l_x The number of persons out of the original 100,000 live births who are still alive at the beginning of the age interval.
- ${}_nd_x$ The number dying during the specified age interval.
- ${}_nL_x$ The number of person-years lived during the specified age interval.
- T_x The total number of person-years that will be lived from the beginning of the specified age interval until the last person in the cohort dies.
- e_x^0 Life expectancy, the average number of years remaining in the lifetime of a person alive at the beginning of the specified age interval.

PRELIMINARY LIFE TABLE DATA

The following preliminary life table data are not published as part of a life table but are used to generate the life table values described above. Some of these data are fixed constants which have been developed by NCHS for standardizing the abridged tables to the complete decennial life tables. Other preliminary data include mortality and population data used to develop mortality rates. The preliminary data are as follows:

- ${}_nA_x$ A set of constants derived by NCHS from the complete decennial life table used as the standard table. These constants are used as adjustment factors to convert the age-specific mortality rates into ${}_nq_x$, the probability of dying for each age interval. The conversion of the observed ${}_nM_x$ to the ${}_nq_x$ in the abridged life table is based on the relationship of the ${}_nM_x$ to the ${}_nq_x$ in the table being used as the standard. The A constant differs by race and by gender.
- ${}_nB_x$ A set of constants derived by NCHS from the complete decennial life table that is used as the standard table. These constants represent the distribution of deaths within the age interval. They are used to compute ${}_nL_x$, the number of person years lived during the age interval. Their computation assumes that the age distribution of those dying within the interval is the same within the abridged table as it is within the standard table. The B constant differs by race and by gender.

- ${}_n P_x$ The estimated midyear population for the age interval.
- ${}_n D_x$ The number of deaths for the age interval.
- ${}_n M_x$ The age-specific death rate for the age interval.
- $1 + {}_n A_x * {}_n M_x$ A set of adjustment factors used to convert the observed population age-specific mortality rates into the probability of dying, or ${}_n q_x$ using the ${}_n A_x$ constant defined above.

Several additional factors that are called into the computations within columns of the spreadsheet are not normally shown individually in a life table. These include an *F* factor, a separation factor, and an end value constant. These computations are prepared for both genders combined and for each gender separately using different constants for the factors for each of these three population groups.

The *F factor* is used to adjust proportionately the age-specific death rates for the number of deaths with age not stated. It is computed for each life table based on number of deaths not stated in the population under study.

The *separation factor* is a constant developed by NCHS that is incorporated into the formula computing the infant mortality rate. Normally, the infant mortality rate is computed simply by dividing the number of infant deaths in a given year by the number of births in that year even though infant deaths do not always occur in the year of birth. The purpose of the separation factor is to separate infants dying at less than one year of age into those born in that same year from those born in the previous year. The infant mortality rate is then computed in two parts, using the appropriate number of births as the denominator for the infant deaths which have been "separated" by year of birth.

The *end-value constant* is developed by NCHS and used to compute the number of remaining person-years lived for those age 85 years and older. This is necessary because this age group is an open-ended interval.

HOW TO INTERPRET A LIFE TABLE

Although a life table contains a multitude of numbers and formulas, the primary interest of a life table user is most likely one number, the expected years of life at birth. This number (the expected years of life at birth) is shown as the first number in column seven on each of the life tables (A1-A39). The purpose of all other numbers and formulas within the table is the generation of that number. Life tables are usually prepared by gender because of the substantial difference found between the life expectancy of males and females.

In order to understand the life table concept it is important to understand life table functions and how they are interrelated.

Preliminary life table data are not presented in this report except for ${}_nB_x$ that is used to compute ${}_nQ_x$, the proportion or probability of dying during the age interval. The first step in the generation of ${}_nQ_x$ is the computation of the age-specific death rate, or ${}_nM_x$, from the number of deaths and the population within the age group. ${}_nM_x$ may differ slightly from the age-specific mortality rates that we normally use because the number of deaths with age not stated are distributed proportionally among the age groups in the computation of ${}_nM_x$. ${}_nM_x$ also differs from the normal infant mortality rate due to use of the separation factor as discussed earlier.

The second step toward computing ${}_nQ_x$ is the development of the adjustment factor, based on the relationship of the age-specific death rates to the probability of dying, ${}_nA_x$, that was found in the life table used as the standard. The age-specific death rates computed for the life table are then converted to the probability of dying within the interval by multiplying the rate times the length of the age interval and then dividing by the adjustment factor.

The next two life table columns, l_x and ${}_nd_x$, are interrelated. The first row of column l_x is the beginning cohort of 100,000 live births used as a starting point for any life table. The first row of column ${}_nd_x$ is the number of those 100,000 who die during this age interval. For each of the succeeding age groups, l_x is the number from the original cohort of 100,000 births who survive to the exact age at the beginning of the age interval. This number is computed by subtracting the number dying, or ${}_nd_x$, in the previous age interval from the number alive at the beginning of that previous interval. The number dying is computed by applying the probability of dying during the interval, ${}_nQ_x$, to the number alive at the beginning of the interval, l_x .

Columns ${}_nL_x$ and T_x are both related to the stationary population. ${}_nL_x$ differs from l_x in that l_x is the number of survivors from a single birth cohort of 100,000 births who survive to the beginning of an age interval, while ${}_nL_x$ is the total number of survivors *within* the age interval based on multiple birth cohorts of 100,000 births each, the number of cohorts depending on the number of years in the age interval identified. For example, the first age group in the life table consists of one birth cohort of 100,000 births. The second age interval is a four-year interval composed of four birth cohorts totaling 400,000 births. The remaining age groups (with the exception of 85+ years) are in five-year intervals of five birth cohorts totaling 500,000 births as a beginning population. ${}_nL_x$ is computed by multiplying the number of single cohort survivors

at the beginning of the interval, or l_x , by the number of cohorts (based on the size of the age interval) within the age interval and then subtracting deaths for the age interval, ${}_n d_x$, which has been adjusted by ${}_n B_x$, a conversion factor derived from the "standard" life table.

T_x is the total number of survivors in the specified age group and all older age groups. It is computed by adding ${}_n L_x$ for the specified age interval to the sum of the ${}_n L_x$'s of older age groups.

Finally e_x^o , or life expectancy, is computed by dividing T_x by l_x for each age interval.

ADJUSTING FOR MISREPORTING OF INDIAN RACE ON STATE DEATH CERTIFICATES

Misreporting of Indian race on state death certificates occurs, especially in areas distant from traditional Indian reservations. In order to determine the degree and scope of the misreporting, IHS conducted a study utilizing the National Death Index (NDI) maintained by the NCHS. The study involved matching IHS patient records of those patients who could have died during 1986 through 1988 with all death records of U.S. residents for 1986 through 1988 as contained on the NDI. The results were published in a document entitled, *Adjusting for Miscoding of Indian Race on State Death Certificates*, November 1996. The study revealed that on 10.9 percent of the matched IHS-NDI records, the race reported for the decedent was other than American Indian or Alaska Native. The percentage of records with inconsistent classification of race ranged from 1.2 percent in the Navajo Area to 28.0 and 30.4 percents in the Oklahoma and California Areas, respectively.

The results of the NDI study provide sufficient numbers to calculate adjustments for each IHS Area, IHS overall, and selected age groups. In addition to these adjustments based on the study findings, IHS assumed the following; a) the results from 1986-88 apply to years beyond 1988 and b) IHS age-group adjustments applied also to each Area. These assumptions cannot be statistically supported by the results of the study. However, IHS felt that it was necessary to adjust all of the death data in this report to provide a meaningful and comprehensive look at life expectancy. IHS also believes that they are reasonable adjustments.

IHS has more specific adjustment factors for the age group less than one year. These are derived from the linked birth/infant death data sets produced by the NCHS. IHS is assuming that data years 1994-96 can be adjusted based on the results from prior years of the linked data sets, which is not statistically sound but reasonable. These adjustments for 1994-96 take precedent over the NDI adjustments for the under one-year age group, described above.

Adjusted life expectancies are considered a more accurate representation of Indian life expectancy than actual life expectancies because the "actual" data upon which they are based has been "adjusted" to account for misreporting of Indian race on death certificates. Therefore, the analyses in this report are based upon adjusted life expectancies.

Chart A2. Life Expectancy at Birth, Males

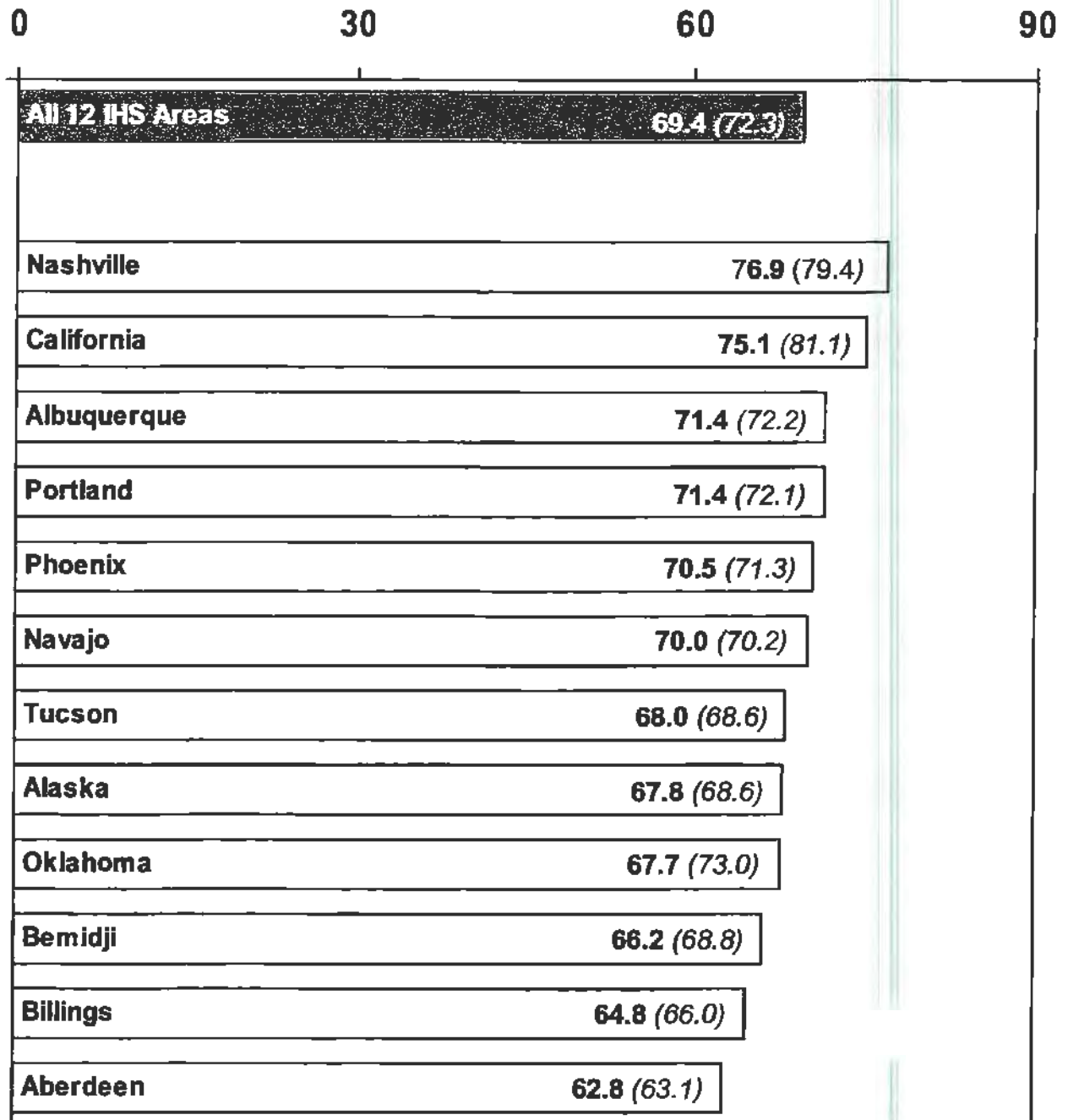
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 75.2

U.S. White Population (2004) = 75.7

U.S. Black Population (2004) = 69.5

Years of Life Remaining

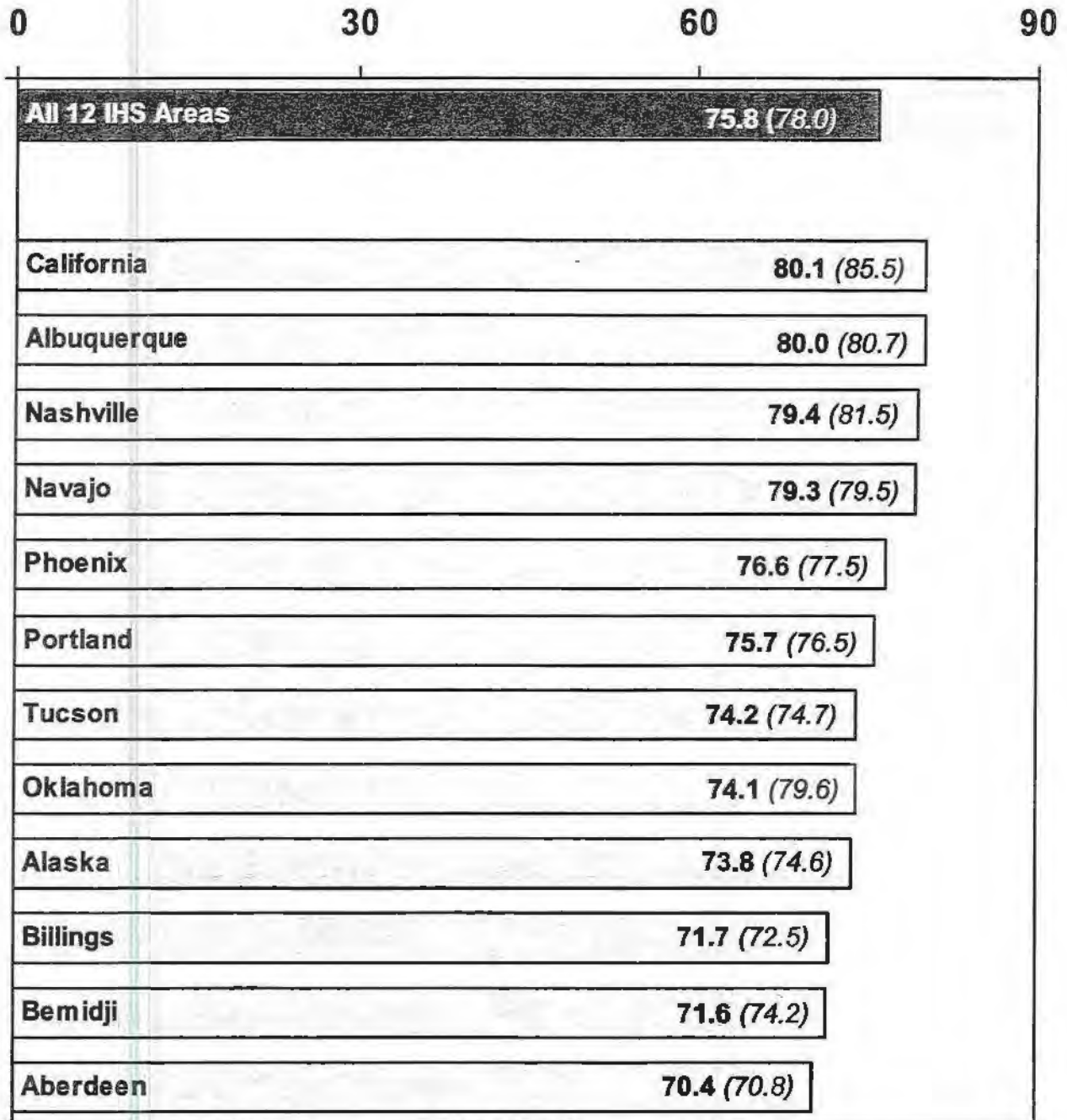


NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart A3. Life Expectancy at Birth, Females
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 80.4
 U.S. White Population (2004) = 80.8
 U.S. Black Population (2004) = 76.3

Years of Life Remaining



NOTE: Life expectancies **not** adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart B1. Life Expectancy at 20-24 Years, Both Sexes

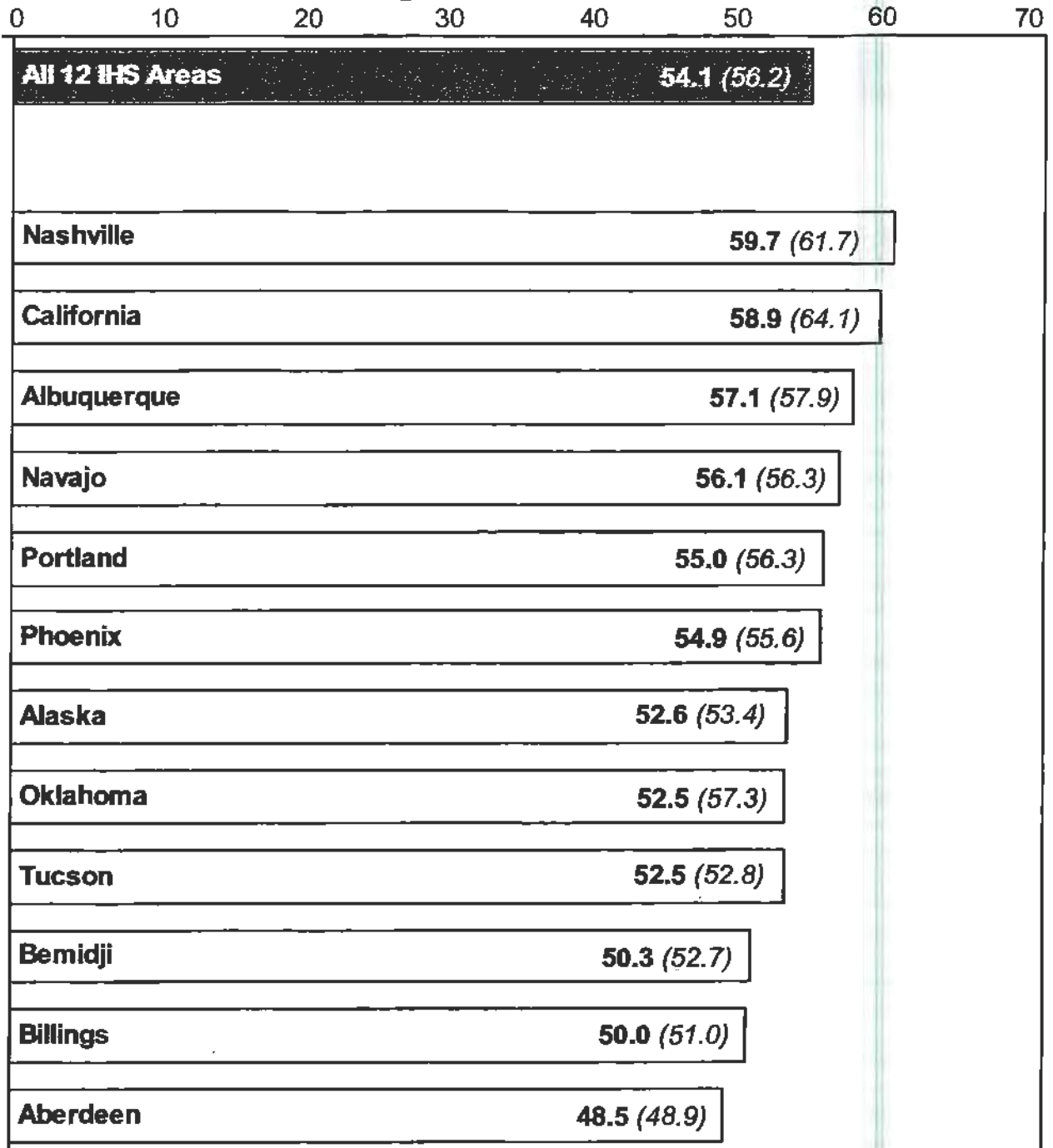
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 58.8

U.S. White Population (2004) = 59.1

U.S. Black Population (2004) = 54.6

Years of Life Remaining

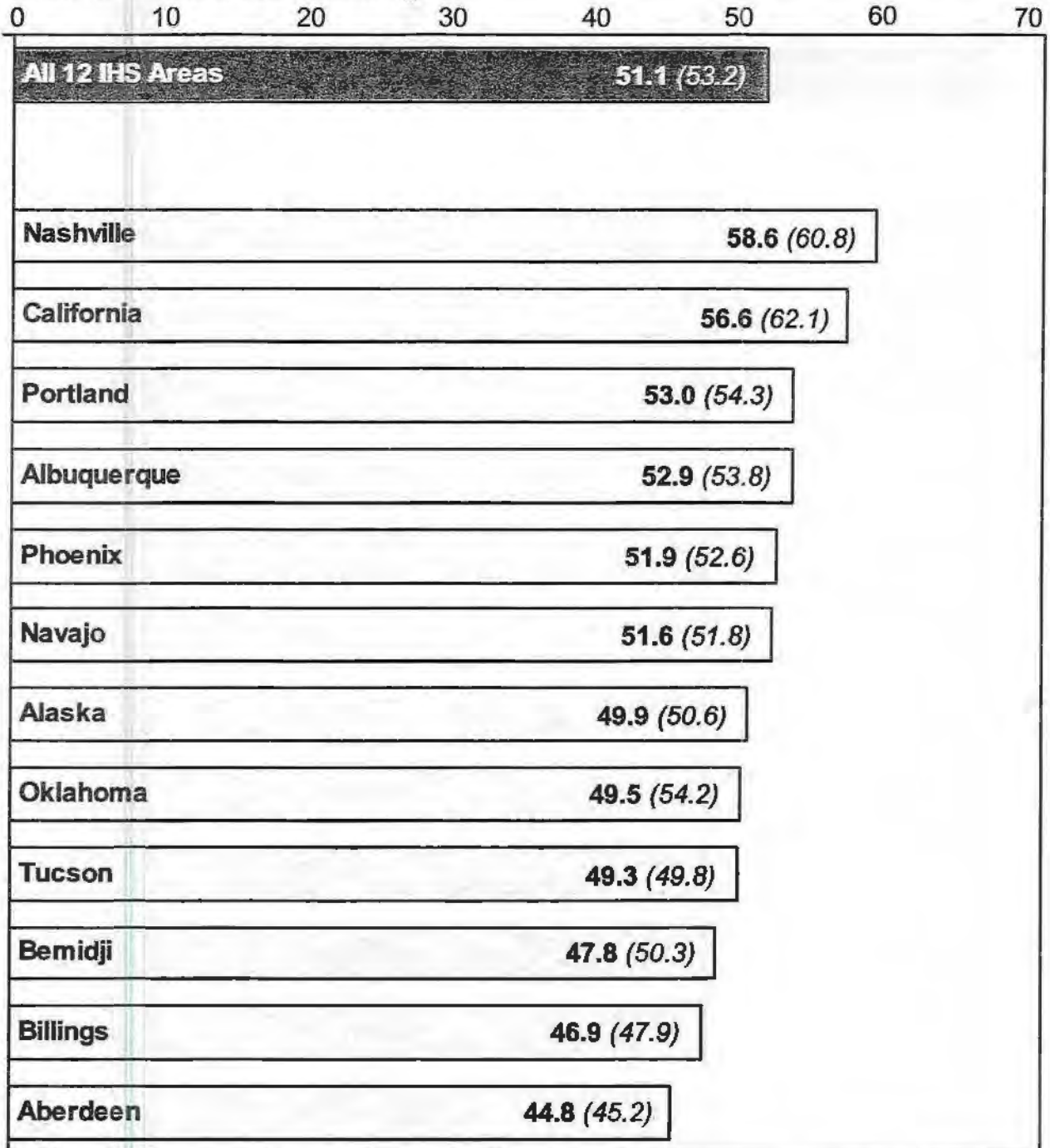


NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart B2. Life Expectancy at 20-24 Years, Males
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 56.2
 U.S. White Population (2004) = 56.6
 U.S. Black Population (2004) = 51.2

Years of Life Remaining



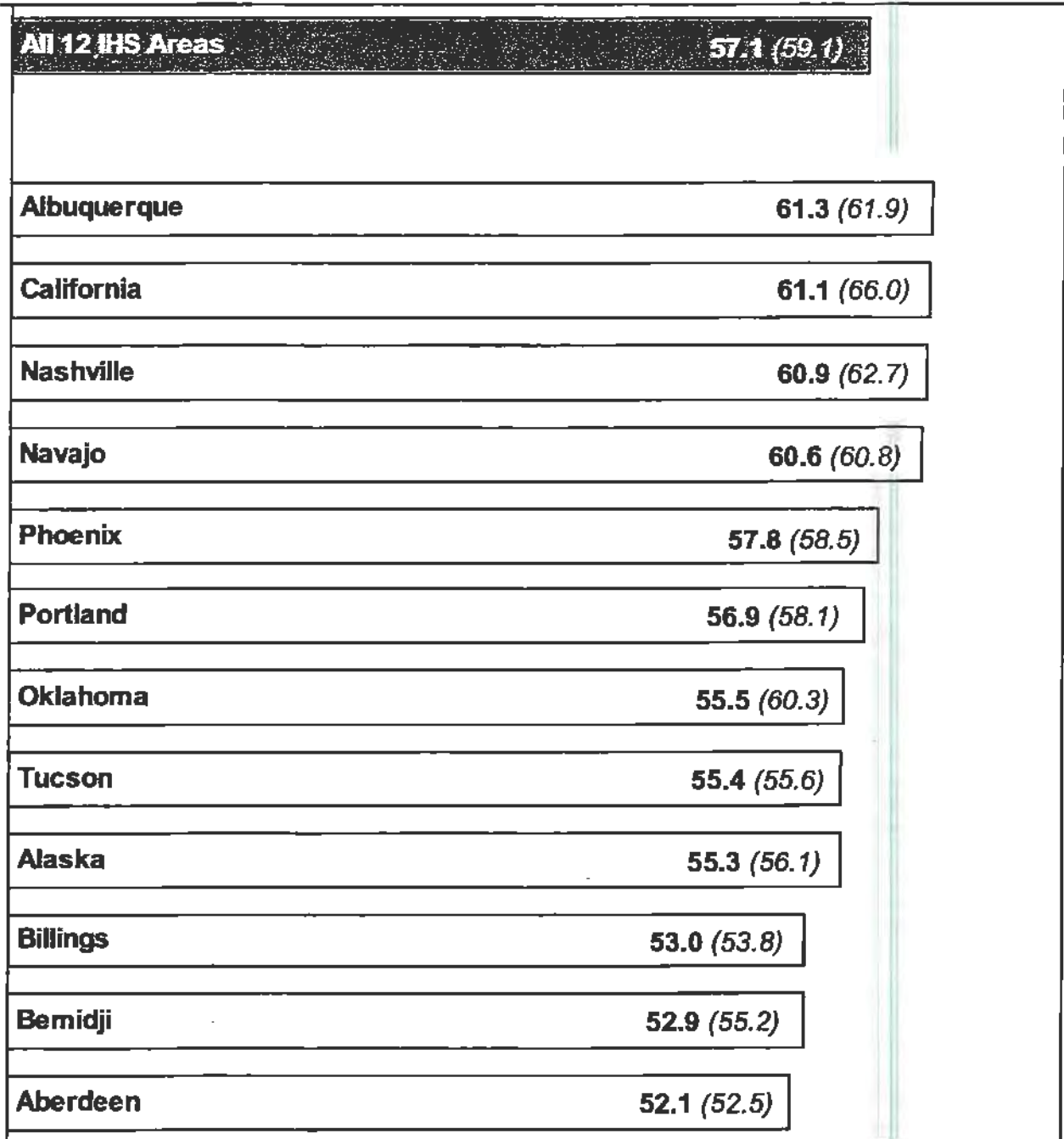
NOTE: Life expectancies **not** adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart B3. Life Expectancy at 20-24 Years, Females
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 61.2
 U.S. White Population (2004) = 61.5
 U.S. Black Population (2004) = 57.7

Years of Life Remaining

0 10 20 30 40 50 60 70



NOTE: Life expectancies **not** adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

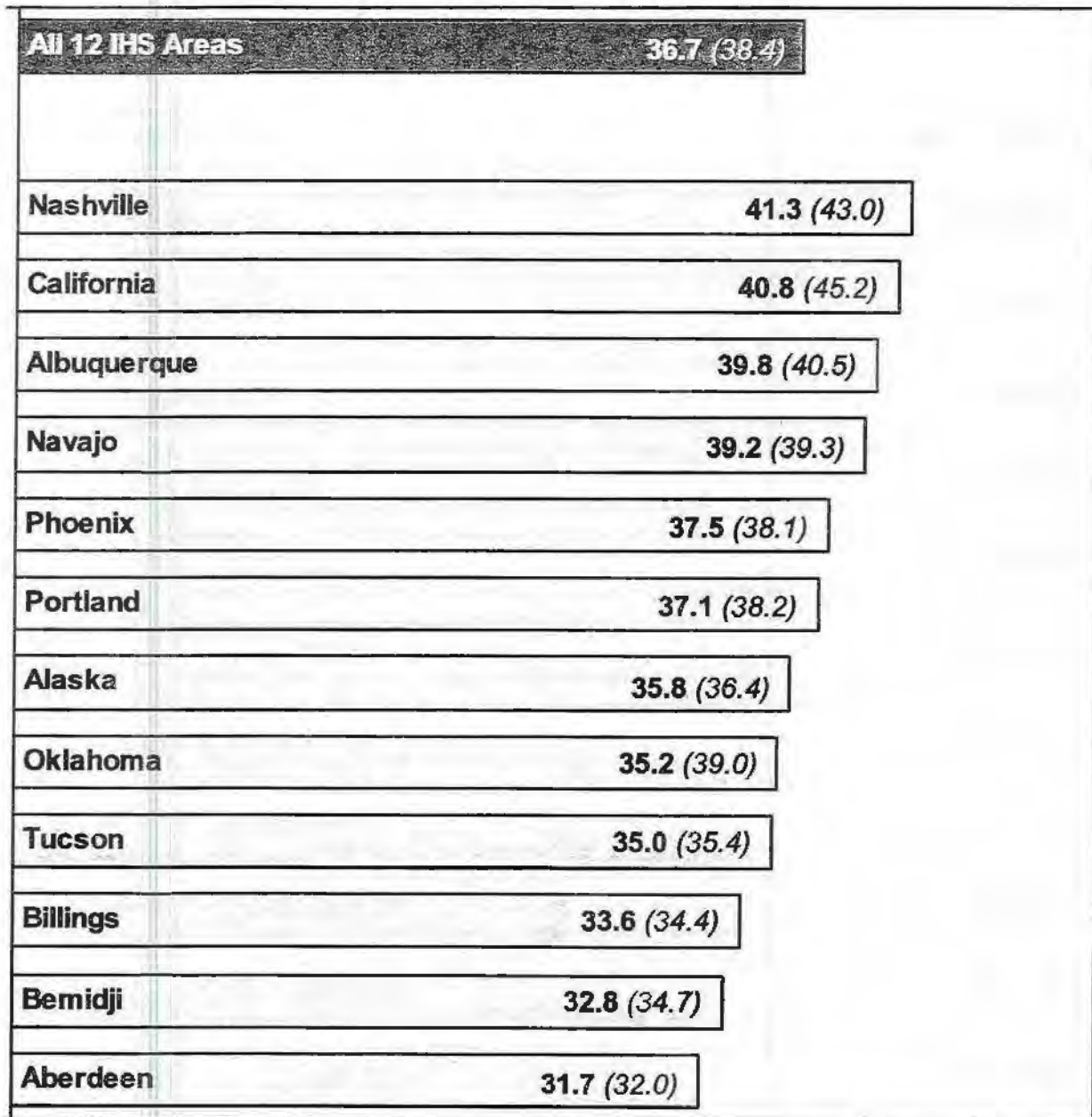
Chart C1. Life Expectancy at 40-44 Years, Both Sexes

CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 39.9
 U.S. White Population (2004) = 40.1
 U.S. Black Population (2004) = 36.3

Years of Life Remaining

0 10 20 30 40 50

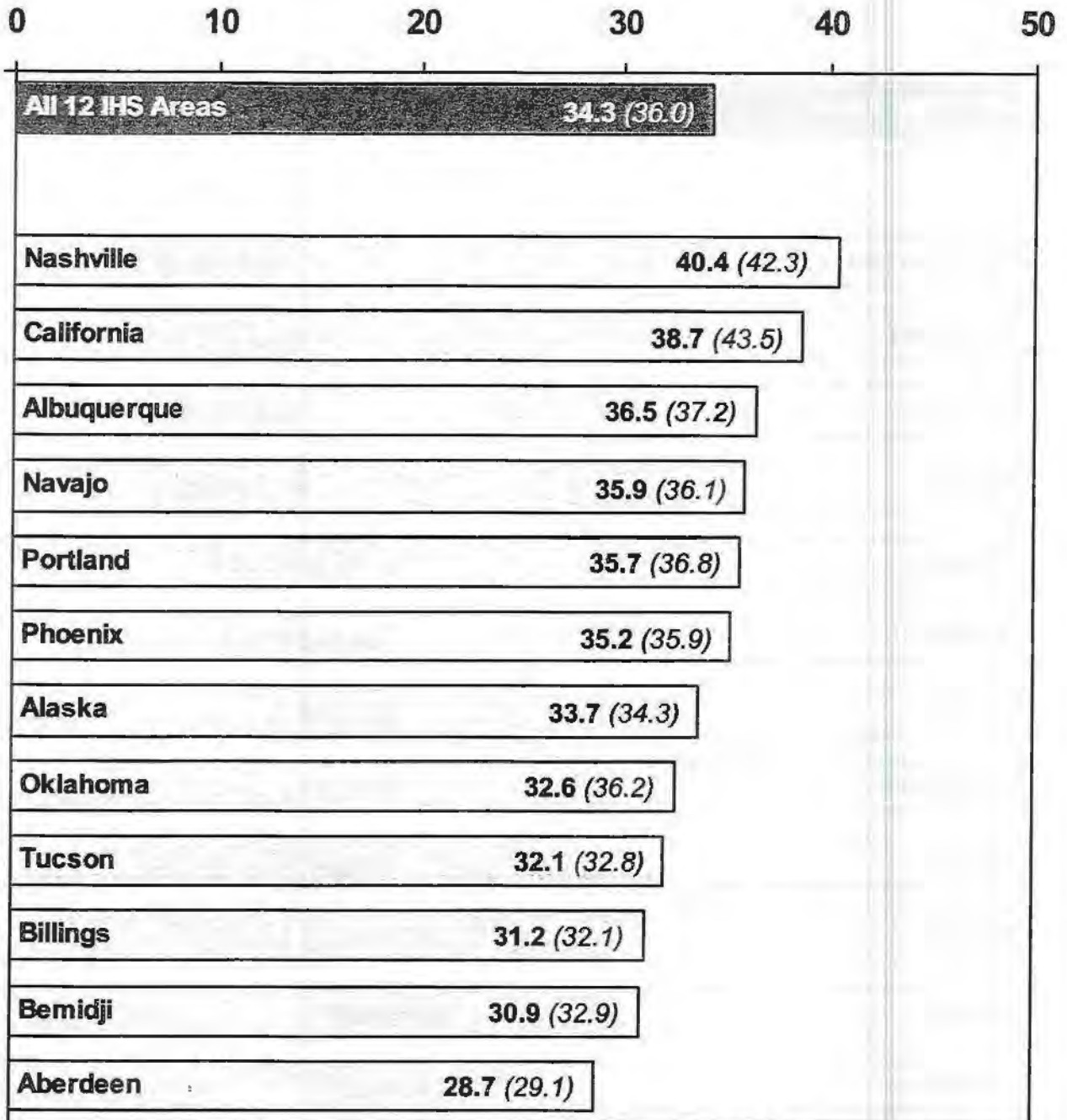


NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart C2. Life Expectancy at 40-44 Years, Males
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 37.6
 U.S. White Population (2004) = 37.9
 U.S. Black Population (2004) = 33.4

Years of Life Remaining



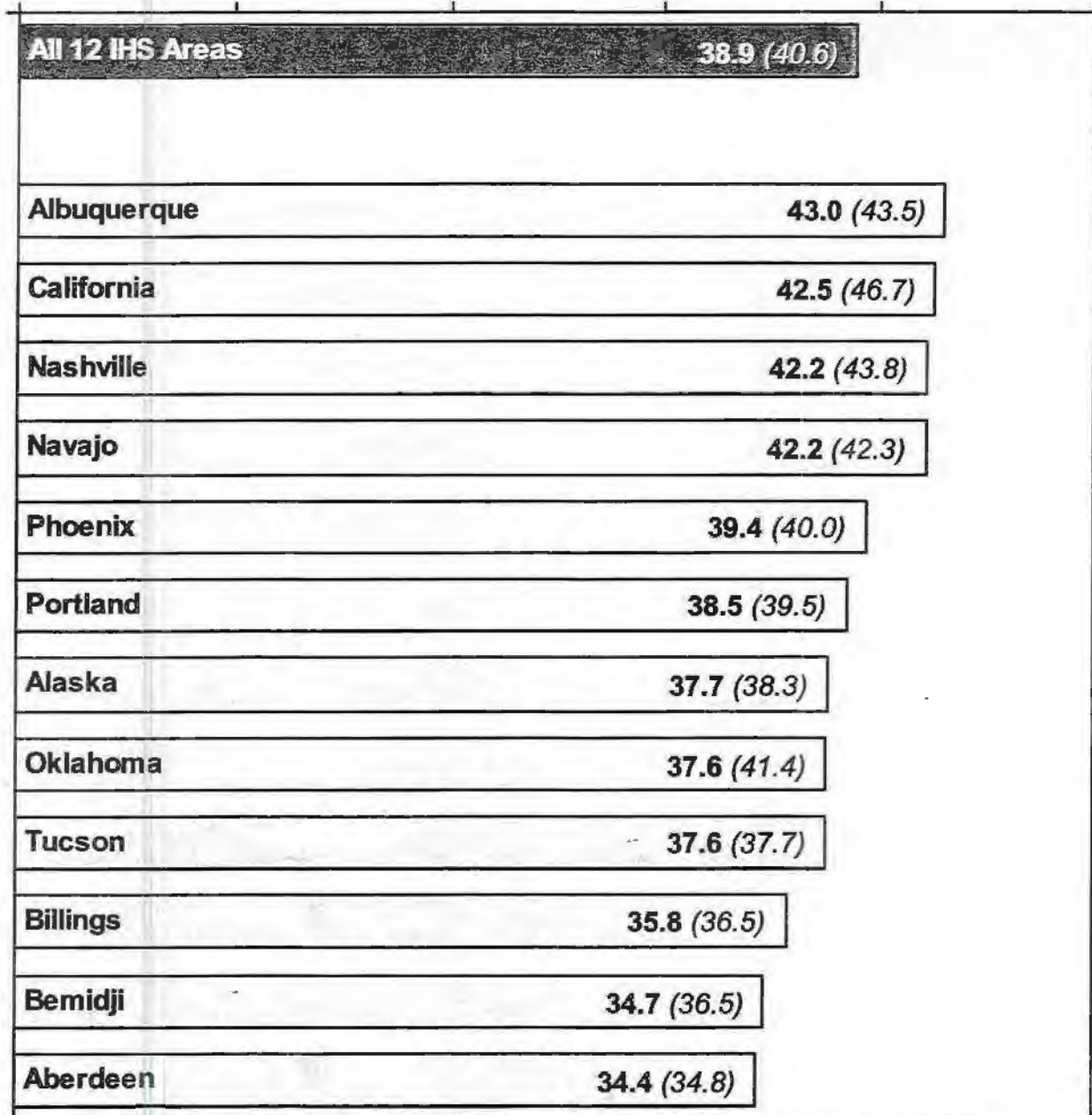
NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart C3. Life Expectancy at 40-44 Years, Females
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 41.9
 U.S. White Population (2004) = 42.1
 U.S. Black Population (2004) = 38.8

Years of Life Remaining

0 10 20 30 40 50

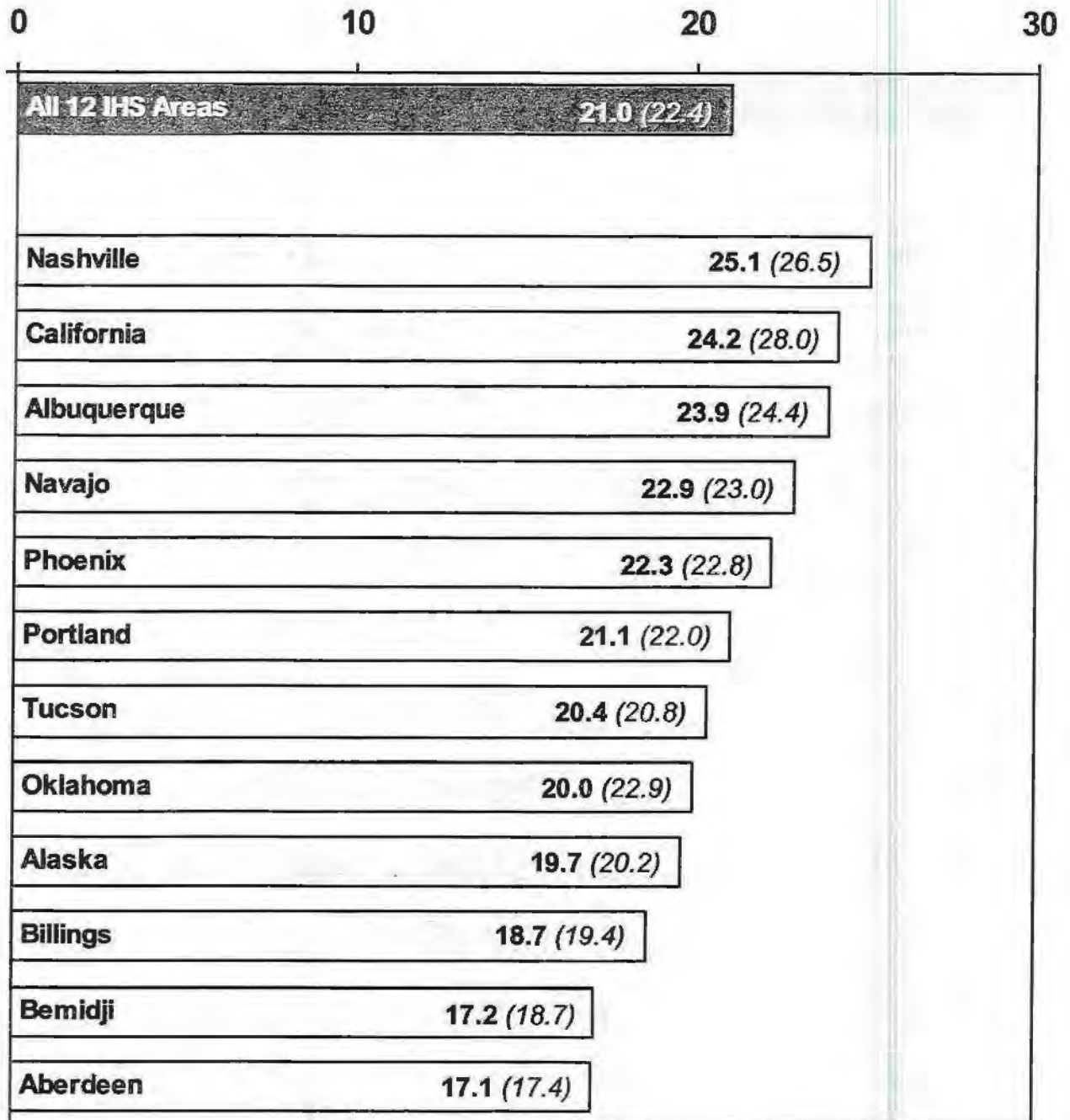


NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart D1. Life Expectancy at 60-64 Years, Both Sexes
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 22.5
 U.S. White Population (2004) = 22.6
 U.S. Black Population (2004) = 20.4

Years of Life Remaining

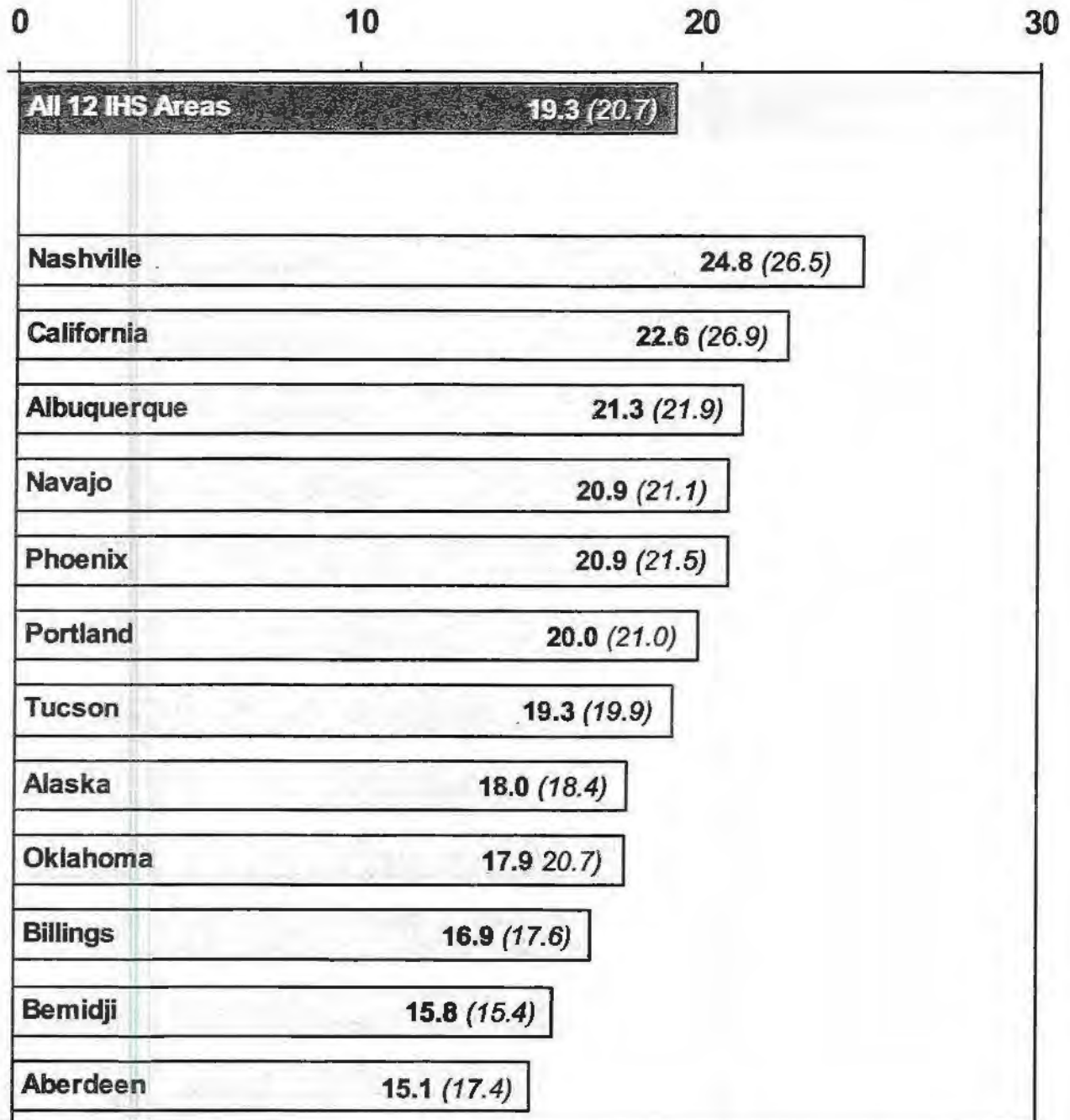


NOTE: Life expectancies **not** adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart D2. Life Expectancy at 60-64 Years, Males
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 20.8
 U.S. White Population (2004) = 20.9
 U.S. Black Population (2004) = 18.2

Years of Life Remaining

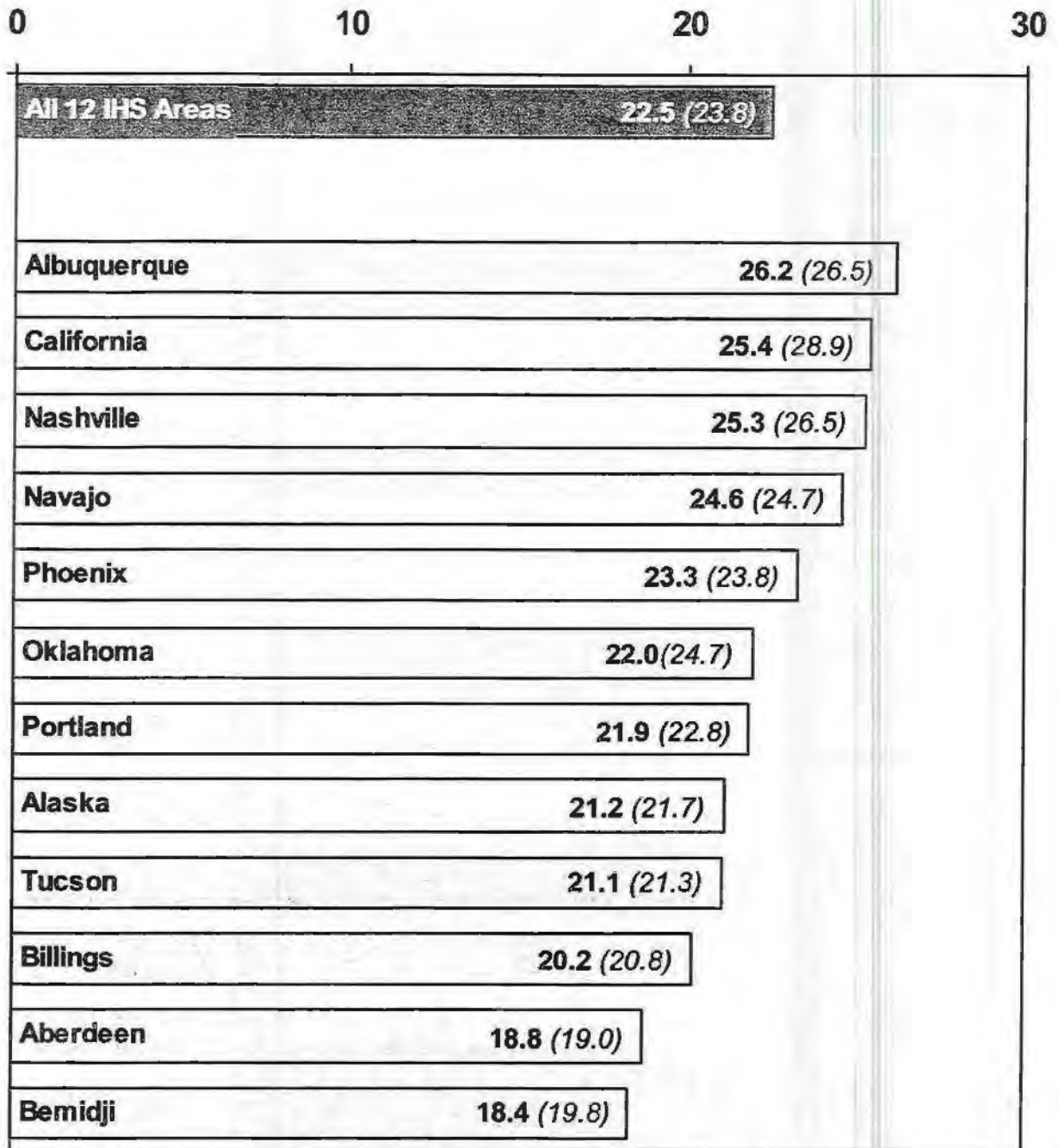


NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart D3. Life Expectancy at 60-64 Years, Females
CY 2003-2005 (Adjusted)

U.S. All Races (2004) = 24.0
 U.S. White Population (2004) = 24.1
 U.S. Black Population (2004) = 22.2

Years of Life Remaining



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Table A1. Life Tables for American Indians and Alaska Natives, Both Sexes in All 12 IHS Areas, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008311	100,000	831	99,291	7,260,303	72.6
1-4 years	0.003233	99,169	321	395,903	7,161,012	72.2
5-9 years	0.001530	98,848	151	493,822	6,765,109	68.4
10-14 years	0.001962	98,697	194	493,115	6,271,287	63.5
15-19 years	0.008236	98,503	811	490,698	5,778,172	58.7
20-24 years	0.010505	97,692	1,026	485,997	5,287,474	54.1
25-29 years	0.012587	96,666	1,217	480,393	4,801,477	49.7
30-34 years	0.015381	95,449	1,468	473,733	4,321,084	45.3
35-39 years	0.019446	93,981	1,828	465,509	3,847,351	40.9
40-44 years	0.024892	92,153	2,294	455,267	3,381,842	36.7
45-49 years	0.031573	89,859	2,837	442,600	2,926,575	32.6
50-54 years	0.042210	87,022	3,673	426,433	2,483,975	28.5
55-59 years	0.056822	83,349	4,736	405,517	2,057,542	24.7
60-64 years	0.085906	78,613	6,753	376,895	1,652,025	21.0
65-69 years	0.117830	71,860	8,467	338,768	1,275,130	17.7
70-74 years	0.160951	63,393	10,203	292,051	936,362	14.8
75-79 years	0.223224	53,190	11,873	236,551	644,311	12.1
80-84 years	0.305334	41,317	12,615	174,902	407,760	9.9
85+ years	1.000000	28,702	28,702	232,858	232,858	8.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A2. Life Tables for American Indians and Alaska Natives, Both Sexes in Aberdeen Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.000000	100,000	0	100,000	6,734,180	67.3
1-4 years	0.003775	100,000	377	399,092	6,634,180	66.3
5-9 years	0.002286	99,623	228	497,484	6,235,088	62.6
10-14 years	0.003089	99,395	307	496,389	5,737,604	57.7
15-19 years	0.012484	99,088	1,237	492,669	5,241,215	52.9
20-24 years	0.016136	97,851	1,579	485,464	4,748,546	48.5
25-29 years	0.014643	96,272	1,410	477,957	4,263,082	44.3
30-34 years	0.025164	94,862	2,387	468,599	3,785,125	39.9
35-39 years	0.023851	92,475	2,206	457,070	3,316,526	35.9
40-44 years	0.034445	90,269	3,109	443,894	2,859,456	31.7
45-49 years	0.045545	87,160	3,970	426,431	2,415,562	27.7
50-54 years	0.066911	83,190	5,566	402,801	1,989,131	23.9
55-59 years	0.086520	77,624	6,716	372,197	1,586,330	20.4
60-64 years	0.139313	70,908	9,878	330,886	1,214,133	17.1
65-69 years	0.182681	61,030	11,149	278,115	883,247	14.5
70-74 years	0.220247	49,881	10,986	222,579	605,132	12.1
75-79 years	0.286365	38,895	11,138	166,896	382,553	9.8
80-84 years	0.393558	27,757	10,924	111,349	215,657	7.8
85+ years	1.000000	16,833	16,833	104,308	104,308	6.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A3. Life Tables for American Indians and Alaska Natives, Both Sexes in Alaska Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.000000	100,000	0	100,000	7,148,007	71.5
1-4 years	0.003260	100,000	326	399,215	7,048,007	70.5
5-9 years	0.001534	99,674	153	497,946	6,648,792	66.7
10-14 years	0.002546	99,521	253	497,122	6,150,846	61.8
15-19 years	0.011527	99,268	1,144	493,777	5,653,724	57.0
20-24 years	0.013038	98,124	1,279	487,549	5,159,947	52.6
25-29 years	0.019875	96,845	1,925	479,579	4,672,398	48.2
30-34 years	0.017635	94,920	1,674	470,595	4,192,819	44.2
35-39 years	0.022260	93,246	2,076	461,237	3,722,224	39.9
40-44 years	0.026669	91,170	2,431	450,024	3,260,987	35.8
45-49 years	0.029699	88,739	2,635	437,477	2,810,963	31.7
50-54 years	0.038652	86,104	3,328	422,658	2,373,486	27.6
55-59 years	0.050630	82,776	4,191	403,944	1,950,828	23.6
60-64 years	0.080375	78,585	6,316	377,801	1,546,884	19.7
65-69 years	0.121231	72,269	8,761	340,100	1,169,083	16.2
70-74 years	0.161641	63,508	10,265	292,474	828,983	13.1
75-79 years	0.242565	53,243	12,915	234,236	536,509	10.1
80-84 years	0.367659	40,328	14,827	164,401	302,273	7.5
85+ years	1.000000	25,501	25,501	137,872	137,872	5.4

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A4. Life Tables for American Indians and Alaska Natives, Both Sexes in Albuquerque Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.000000	100,000	0	100,000	7,628,056	76.3
1-4 years	0.003112	100,000	311	399,251	7,528,056	75.3
5-9 years	0.002080	99,689	207	497,872	7,128,805	71.5
10-14 years	0.002169	99,482	216	496,998	6,630,933	66.7
15-19 years	0.005365	99,266	533	495,136	6,133,935	61.8
20-24 years	0.009864	98,733	974	491,326	5,638,799	57.1
25-29 years	0.009958	97,759	974	486,444	5,147,473	52.7
30-34 years	0.016399	96,785	1,587	480,128	4,661,029	48.2
35-39 years	0.021899	95,198	2,085	470,976	4,180,901	43.9
40-44 years	0.023770	93,113	2,213	460,261	3,709,925	39.8
45-49 years	0.025906	90,900	2,355	448,943	3,249,664	35.7
50-54 years	0.038805	88,545	3,436	434,608	2,800,721	31.6
55-59 years	0.041911	85,109	3,567	417,088	2,366,113	27.8
60-64 years	0.057761	81,542	4,710	396,432	1,949,025	23.9
65-69 years	0.080855	76,832	6,212	369,096	1,552,593	20.2
70-74 years	0.107400	70,620	7,585	334,579	1,183,497	16.8
75-79 years	0.150470	63,035	9,485	291,689	848,918	13.5
80-84 years	0.221484	53,550	11,860	237,963	557,229	10.4
85+ years	1.000000	41,690	41,690	319,266	319,266	7.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A5. Life Tables for American Indians and Alaska Natives, Both Sexes in Bemidji Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.006956	100,000	696	99,406	6,884,098	68.8
1-4 years	0.002927	99,304	291	396,515	6,784,692	68.3
5-9 years	0.001466	99,013	145	494,664	6,388,177	64.5
10-14 years	0.002867	98,868	283	493,800	5,893,513	59.6
15-19 years	0.010296	98,585	1,015	490,651	5,399,713	54.8
20-24 years	0.012254	97,570	1,196	484,978	4,909,062	50.3
25-29 years	0.014186	96,374	1,367	478,571	4,424,084	45.9
30-34 years	0.015720	95,007	1,493	471,463	3,945,513	41.5
35-39 years	0.019811	93,514	1,853	463,114	3,474,050	37.2
40-44 years	0.025393	91,661	2,328	452,726	3,010,936	32.8
45-49 years	0.035853	89,333	3,203	439,106	2,558,210	28.6
50-54 years	0.051960	86,130	4,475	420,078	2,119,104	24.6
55-59 years	0.069482	81,655	5,674	394,823	1,699,026	20.8
60-64 years	0.128383	75,981	9,755	356,546	1,304,203	17.2
65-69 years	0.179234	66,226	11,870	302,346	947,657	14.3
70-74 years	0.226326	54,356	12,302	241,740	645,311	11.9
75-79 years	0.303535	42,054	12,765	178,663	403,571	9.6
80-84 years	0.425557	29,289	12,464	115,141	224,908	7.7
85+ years	1.000000	16,825	16,825	109,767	109,767	6.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A6. Life Tables for American Indians and Alaska Natives, Both Sexes in Billings Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.010063	100,000	1,006	99,142	6,830,685	68.3
1-4 years	0.002570	98,994	254	395,364	6,731,543	68.0
5-9 years	0.001705	98,740	168	493,235	6,336,179	64.2
10-14 years	0.002509	98,572	247	492,389	5,842,944	59.3
15-19 years	0.011194	98,325	1,101	489,159	5,350,555	54.4
20-24 years	0.016067	97,224	1,562	482,370	4,861,396	50.0
25-29 years	0.020972	95,662	2,006	473,468	4,379,026	45.8
30-34 years	0.024530	93,656	2,297	462,784	3,905,558	41.7
35-39 years	0.026505	91,359	2,421	450,973	3,442,774	37.7
40-44 years	0.033994	88,938	3,023	437,445	2,991,801	33.6
45-49 years	0.041343	85,915	3,552	421,193	2,554,356	29.7
50-54 years	0.053172	82,363	4,379	401,470	2,133,163	25.9
55-59 years	0.072092	77,984	5,622	376,591	1,731,693	22.2
60-64 years	0.106509	72,362	7,707	343,355	1,355,102	18.7
65-69 years	0.130763	64,655	8,455	302,772	1,011,747	15.6
70-74 years	0.170278	56,200	9,570	257,632	708,975	12.6
75-79 years	0.293410	46,630	13,682	199,272	451,343	9.7
80-84 years	0.403904	32,948	13,308	131,316	252,071	7.7
85+ years	1.000000	19,640	19,640	120,755	120,755	6.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A7. Life Tables for American Indians and Alaska Natives, Both Sexes in California Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007342	100,000	734	99,374	7,768,294	77.7
1-4 years	0.002362	99,266	235	396,498	7,668,920	77.3
5-9 years	0.000217	99,031	21	495,097	7,272,422	73.4
10-14 years	0.001807	99,010	179	494,709	6,777,325	68.5
15-19 years	0.005482	98,831	542	492,941	6,282,616	63.6
20-24 years	0.005905	98,289	580	490,052	5,789,675	58.9
25-29 years	0.010058	97,709	983	486,173	5,299,623	54.2
30-34 years	0.007943	96,726	768	481,792	4,813,450	49.8
35-39 years	0.014129	95,958	1,356	476,529	4,331,658	45.1
40-44 years	0.016315	94,602	1,543	469,312	3,855,129	40.8
45-49 years	0.021389	93,059	1,990	460,599	3,385,817	36.4
50-54 years	0.031611	91,069	2,879	448,544	2,925,218	32.1
55-59 years	0.040616	88,190	3,582	432,458	2,476,674	28.1
60-64 years	0.070957	84,608	6,004	408,663	2,044,216	24.2
65-69 years	0.104561	78,604	8,219	373,090	1,635,553	20.8
70-74 years	0.151789	70,385	10,684	325,836	1,262,463	17.9
75-79 years	0.197960	59,701	11,818	269,242	936,627	15.7
80-84 years	0.234557	47,883	11,231	211,208	667,385	13.9
85+ years	1.000000	36,652	36,652	456,177	456,177	12.4

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A8. Life Tables for American Indians and Alaska Natives, Both Sexes in Nashville Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.010046	100,000	1,005	99,143	7,809,805	78.1
1-4 years	0.003173	98,995	314	395,224	7,710,662	77.9
5-9 years	0.001516	98,681	150	492,990	7,315,438	74.1
10-14 years	0.001050	98,531	103	492,459	6,822,448	69.2
15-19 years	0.006211	98,428	611	490,771	6,329,989	64.3
20-24 years	0.006540	97,817	640	487,548	5,839,218	59.7
25-29 years	0.005495	97,177	534	484,596	5,351,670	55.1
30-34 years	0.010761	96,643	1,040	480,727	4,867,074	50.4
35-39 years	0.010200	95,603	975	475,670	4,386,347	45.9
40-44 years	0.016304	94,628	1,543	469,442	3,910,677	41.3
45-49 years	0.022443	93,085	2,089	460,495	3,441,235	37.0
50-54 years	0.034226	90,996	3,114	447,623	2,980,740	32.8
55-59 years	0.045190	87,882	3,971	429,995	2,533,117	28.8
60-64 years	0.066818	83,911	5,607	406,129	2,103,122	25.1
65-69 years	0.097051	78,304	7,600	373,091	1,696,993	21.7
70-74 years	0.149996	70,704	10,605	327,624	1,323,902	18.7
75-79 years	0.185291	60,099	11,136	272,921	996,278	16.6
80-84 years	0.258996	48,963	12,681	212,966	723,357	14.8
85+ years	1.000000	36,282	36,282	510,391	510,391	14.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A9. Life Tables for American Indians and Alaska Natives, Both Sexes in Navajo Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008309	100,000	831	99,291	7,460,901	74.6
1-4 years	0.003048	99,169	302	395,949	7,361,610	74.2
5-9 years	0.001382	98,867	137	493,956	6,965,661	70.5
10-14 years	0.002214	98,730	219	493,232	6,471,705	65.5
15-19 years	0.007745	98,511	763	490,846	5,978,473	60.7
20-24 years	0.012546	97,748	1,226	485,796	5,487,627	56.1
25-29 years	0.013211	96,522	1,275	479,533	5,001,831	51.8
30-34 years	0.017463	95,247	1,663	472,256	4,522,298	47.5
35-39 years	0.022009	93,584	2,060	462,966	4,050,042	43.3
40-44 years	0.023128	91,524	2,117	452,547	3,587,076	39.2
45-49 years	0.024573	89,407	2,197	441,850	3,134,529	35.1
50-54 years	0.032510	87,210	2,835	429,353	2,692,679	30.9
55-59 years	0.043333	84,375	3,656	413,207	2,263,326	26.8
60-64 years	0.061566	80,719	4,970	391,694	1,850,119	22.9
65-69 years	0.080503	75,749	6,098	363,958	1,458,425	19.3
70-74 years	0.117429	69,651	8,179	328,283	1,094,467	15.7
75-79 years	0.179843	61,472	11,055	279,987	766,184	12.5
80-84 years	0.255563	50,417	12,885	219,724	486,197	9.6
85+ years	1.000000	37,532	37,532	266,473	266,473	7.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A10. Life Tables for American Indians and Alaska Natives, Both Sexes in Oklahoma Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007777	100,000	778	99,336	7,093,676	70.9
1-4 years	0.004486	99,222	445	395,816	6,994,340	70.5
5-9 years	0.002627	98,777	259	493,168	6,598,524	66.8
10-14 years	0.001187	98,518	117	492,367	6,105,356	62.0
15-19 years	0.008751	98,401	861	490,076	5,612,989	57.0
20-24 years	0.009430	97,540	920	485,491	5,122,913	52.5
25-29 years	0.013694	96,620	1,323	479,907	4,637,422	48.0
30-34 years	0.018611	95,297	1,774	472,241	4,157,515	43.6
35-39 years	0.020359	93,523	1,904	463,036	3,685,274	39.4
40-44 years	0.028823	91,619	2,641	451,766	3,222,238	35.2
45-49 years	0.036445	88,978	3,243	437,237	2,770,472	31.1
50-54 years	0.048257	85,735	4,137	418,902	2,333,235	27.2
55-59 years	0.070768	81,598	5,775	394,298	1,914,333	23.5
60-64 years	0.100228	75,823	7,600	360,916	1,520,036	20.0
65-69 years	0.129227	68,223	8,816	319,737	1,159,119	17.0
70-74 years	0.184990	59,407	10,990	270,199	839,382	14.1
75-79 years	0.237358	48,417	11,492	213,630	569,183	11.8
80-84 years	0.333736	36,925	12,323	153,675	355,553	9.6
85+ years	1.000000	24,602	24,602	201,878	201,878	8.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A11. Life Tables for American Indians and Alaska Natives, Both Sexes in Phoenix Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.007933	100,000	793	99,324	7,360,382	73.6
1-4 years	0.002450	99,207	243	396,243	7,261,058	73.2
5-9 years	0.000928	98,964	92	494,565	6,864,815	69.4
10-14 years	0.001617	98,872	160	494,055	6,370,250	64.4
15-19 years	0.007065	98,712	697	491,999	5,876,195	59.5
20-24 years	0.010772	98,015	1,056	487,540	5,384,196	54.9
25-29 years	0.011876	96,959	1,152	482,015	4,896,656	50.5
30-34 years	0.014556	95,807	1,395	475,697	4,414,641	46.1
35-39 years	0.018431	94,412	1,740	467,875	3,938,944	41.7
40-44 years	0.027915	92,672	2,587	457,160	3,471,069	37.5
45-49 years	0.034943	90,085	3,148	442,996	3,013,909	33.5
50-54 years	0.043714	86,937	3,800	425,708	2,570,913	29.6
55-59 years	0.059466	83,137	4,944	403,964	2,145,205	25.8
60-64 years	0.079483	78,193	6,215	376,083	1,741,241	22.3
65-69 years	0.114257	71,978	8,224	339,948	1,365,158	19.0
70-74 years	0.138096	63,754	8,804	297,272	1,025,210	16.1
75-79 years	0.189963	54,950	10,438	248,904	727,938	13.2
80-84 years	0.245321	44,512	10,920	195,134	479,034	10.8
85+ years	1.000000	33,592	33,592	283,900	283,900	8.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A12. Life Tables for American Indians and Alaska Natives, Both Sexes in Portland Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008410	100,000	841	99,283	7,357,026	73.6
1-4 years	0.003385	99,159	336	395,827	7,257,743	73.2
5-9 years	0.000658	98,823	65	493,935	6,861,916	69.4
10-14 years	0.001556	98,758	154	493,496	6,367,981	64.5
15-19 years	0.006906	98,604	681	491,495	5,874,485	59.6
20-24 years	0.009335	97,923	914	487,421	5,382,990	55.0
25-29 years	0.011156	97,009	1,082	482,434	4,895,569	50.5
30-34 years	0.009696	95,927	930	477,410	4,413,135	46.0
35-39 years	0.017973	94,997	1,707	470,880	3,935,725	41.4
40-44 years	0.021061	93,290	1,965	461,741	3,464,845	37.1
45-49 years	0.033280	91,325	3,039	449,453	3,003,104	32.9
50-54 years	0.036545	88,286	3,226	433,809	2,553,651	28.9
55-59 years	0.049918	85,060	4,246	415,233	2,119,842	24.9
60-64 years	0.075931	80,814	6,136	389,377	1,704,609	21.1
65-69 years	0.109228	74,678	8,157	353,610	1,315,232	17.6
70-74 years	0.157567	66,521	10,482	307,010	961,622	14.5
75-79 years	0.263102	56,039	14,744	243,687	654,612	11.7
80-84 years	0.327549	41,295	13,526	172,504	410,925	10.0
85+ years	1.000000	27,769	27,769	238,421	238,421	8.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A13. Life Tables for American Indians and Alaska Natives, Both Sexes in Tucson Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007252	100,000	725	99,382	7,124,282	71.2
1-4 years	0.000000	99,275	0	397,100	7,024,900	70.8
5-9 years	0.001581	99,275	157	495,940	6,627,800	66.8
10-14 years	0.003334	99,118	330	494,961	6,131,860	61.9
15-19 years	0.007251	98,788	716	492,336	5,636,899	57.1
20-24 years	0.008902	98,072	873	488,264	5,144,563	52.5
25-29 years	0.011910	97,199	1,158	483,200	4,656,299	47.9
30-34 years	0.012893	96,041	1,238	477,243	4,173,099	43.5
35-39 years	0.027175	94,803	2,576	467,820	3,695,856	39.0
40-44 years	0.033675	92,227	3,106	453,691	3,228,036	35.0
45-49 years	0.042185	89,121	3,760	436,732	2,774,345	31.1
50-54 years	0.058724	85,361	5,013	414,962	2,337,613	27.4
55-59 years	0.064905	80,348	5,215	389,376	1,922,651	23.9
60-64 years	0.104712	75,133	7,867	356,827	1,533,275	20.4
65-69 years	0.153171	67,266	10,303	311,346	1,176,448	17.5
70-74 years	0.178865	56,963	10,189	259,935	865,102	15.2
75-79 years	0.174776	46,774	8,175	213,628	605,167	12.9
80-84 years	0.277169	38,599	10,698	166,127	391,539	10.1
85+ years	1.000000	27,901	27,901	225,412	225,412	8.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A14. Life Tables for American Indians and Alaska Natives, Males in 12 IHS Areas, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.009317	100,000	932	99,201	6,941,360	69.4
1-4 years	0.003599	99,068	357	395,424	6,842,159	69.1
5-9 years	0.001655	98,711	163	493,103	6,446,735	65.3
10-14 years	0.002424	98,548	239	492,330	5,953,632	60.4
15-19 years	0.010194	98,309	1,002	489,312	5,461,302	55.6
20-24 years	0.014465	97,307	1,408	483,136	4,971,990	51.1
25-29 years	0.016852	95,899	1,616	475,564	4,488,854	46.8
30-34 years	0.019527	94,283	1,841	466,996	4,013,290	42.6
35-39 years	0.025203	92,442	2,330	456,582	3,546,294	38.4
40-44 years	0.030704	90,112	2,767	443,881	3,089,712	34.3
45-49 years	0.039455	87,345	3,446	428,528	2,645,831	30.3
50-54 years	0.052991	83,899	4,446	408,955	2,217,303	26.4
55-59 years	0.069493	79,453	5,521	384,119	1,808,348	22.8
60-64 years	0.100853	73,932	7,456	351,687	1,424,229	19.3
65-69 years	0.135499	66,476	9,007	310,373	1,072,542	16.1
70-74 years	0.189099	57,469	10,867	260,520	762,169	13.3
75-79 years	0.257048	46,602	11,979	202,835	501,649	10.8
80-84 years	0.340128	34,623	11,776	142,853	298,814	8.6
85+ years	1.000000	22,847	22,847	155,961	155,961	6.8

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A15. Life Tables for American Indians and Alaska Natives, Males in Aberdeen Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.012465	100,000	1,247	98,931	6,279,451	62.8
1-4 years	0.003244	98,753	320	394,252	6,180,520	62.6
5-9 years	0.002260	98,433	222	491,549	5,786,268	58.8
10-14 years	0.003810	98,211	374	490,413	5,294,719	53.9
15-19 years	0.015756	97,837	1,542	485,748	4,804,306	49.1
20-24 years	0.022023	96,295	2,121	476,355	4,318,558	44.8
25-29 years	0.019584	94,174	1,844	466,384	3,842,203	40.8
30-34 years	0.033472	92,330	3,090	454,233	3,375,819	36.6
35-39 years	0.032385	89,240	2,890	439,219	2,921,586	32.7
40-44 years	0.046861	86,350	4,046	421,984	2,482,367	28.7
45-49 years	0.060689	82,304	4,995	399,639	2,060,383	25.0
50-54 years	0.089076	77,309	6,886	370,221	1,660,744	21.5
55-59 years	0.102492	70,423	7,218	334,928	1,290,523	18.3
60-64 years	0.163245	63,205	10,318	291,153	955,595	15.1
65-69 years	0.219024	52,887	11,583	236,134	664,442	12.6
70-74 years	0.296808	41,304	12,259	176,259	428,308	10.4
75-79 years	0.317955	29,045	9,235	121,962	252,049	8.7
80-84 years	0.432808	19,810	8,574	77,016	130,087	6.6
85+ years	1.000000	11,236	11,236	53,071	53,071	4.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A16. Life Tables for American Indians and Alaska Natives, Males in Alaska Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.012047	100,000	1,205	98,967	6,777,526	67.8
1-4 years	0.004188	98,795	414	394,197	6,678,559	67.6
5-9 years	0.001472	98,381	145	491,503	6,284,362	63.9
10-14 years	0.002736	98,236	269	490,718	5,792,859	59.0
15-19 years	0.014806	97,967	1,451	486,601	5,302,141	54.1
20-24 years	0.017826	96,516	1,721	478,425	4,815,540	49.9
25-29 years	0.026420	94,795	2,505	467,881	4,337,115	45.8
30-34 years	0.021840	92,290	2,016	456,611	3,869,234	41.9
35-39 years	0.024499	90,274	2,212	446,027	3,412,623	37.8
40-44 years	0.030754	88,062	2,708	433,774	2,966,596	33.7
45-49 years	0.030445	85,354	2,599	420,588	2,532,822	29.7
50-54 years	0.044959	82,755	3,721	404,954	2,112,234	25.5
55-59 years	0.066752	79,034	5,276	382,607	1,707,280	21.6
60-64 years	0.087883	73,758	6,482	353,165	1,324,673	18.0
65-69 years	0.132111	67,276	8,888	314,664	971,508	14.4
70-74 years	0.222050	58,388	12,965	259,936	656,844	11.2
75-79 years	0.271870	45,423	12,349	196,008	396,908	8.7
80-84 years	0.413262	33,074	13,668	130,245	200,900	6.1
85+ years	1.000000	19,406	19,406	70,655	70,655	3.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A17. Life Tables for American Indians and Alaska Natives, Males in Albuquerque Area, 2003-2005 (Adjusted¹¹)

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008230	100,000	823	99,295	7,137,778	71.4
1-4 years	0.002964	99,177	294	396,010	7,038,483	71.0
5-9 years	0.002630	98,883	260	493,693	6,642,473	67.2
10-14 years	0.002693	98,623	266	492,658	6,148,780	62.3
15-19 years	0.006684	98,357	657	490,321	5,656,122	57.5
20-24 years	0.016675	97,700	1,629	484,567	5,165,801	52.9
25-29 years	0.015952	96,071	1,533	476,626	4,681,234	48.7
30-34 years	0.020584	94,538	1,946	468,019	4,204,608	44.5
35-39 years	0.028813	92,592	2,668	456,515	3,736,589	40.4
40-44 years	0.034556	89,924	3,107	442,121	3,280,074	36.5
45-49 years	0.032159	86,817	2,792	427,444	2,837,953	32.7
50-54 years	0.048544	84,025	4,079	410,455	2,410,509	28.7
55-59 years	0.055605	79,946	4,445	389,146	2,000,054	25.0
60-64 years	0.074657	75,501	5,637	363,917	1,610,908	21.3
65-69 years	0.112651	69,864	7,870	330,091	1,246,991	17.8
70-74 years	0.137595	61,994	8,530	288,914	916,900	14.8
75-79 years	0.181276	53,464	9,692	242,906	627,986	11.7
80-84 years	0.268485	43,772	11,752	188,659	385,080	8.8
85+ years	1.000000	32,020	32,020	196,421	196,421	6.1

¹¹ Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A18. Life Tables for American Indians and Alaska Natives, Males in Bemidji Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007153	100,000	715	99,387	6,615,474	66.2
1-4 years	0.004345	99,285	431	396,116	6,516,087	65.6
5-9 years	0.002227	98,854	220	493,659	6,119,971	61.9
10-14 years	0.003400	98,634	335	492,595	5,626,312	57.0
15-19 years	0.011376	98,299	1,118	489,003	5,133,717	52.2
20-24 years	0.018603	97,181	1,808	481,540	4,644,714	47.8
25-29 years	0.020639	95,373	1,968	472,077	4,163,174	43.7
30-34 years	0.018253	93,405	1,705	462,932	3,691,097	39.5
35-39 years	0.022096	91,700	2,026	453,606	3,228,165	35.2
40-44 years	0.029336	89,674	2,631	442,020	2,774,559	30.9
45-49 years	0.038293	87,043	3,333	427,287	2,332,539	26.8
50-54 years	0.069111	83,710	5,785	404,836	1,905,252	22.8
55-59 years	0.085802	77,925	6,686	373,704	1,500,416	19.3
60-64 years	0.146699	71,239	10,451	331,002	1,126,712	15.8
65-69 years	0.197709	60,788	12,018	274,576	795,710	13.1
70-74 years	0.271647	48,770	13,248	211,147	521,134	10.7
75-79 years	0.360129	35,522	12,793	145,384	309,987	8.7
80-84 years	0.450675	22,729	10,243	87,322	164,603	7.2
85+ years	1.000000	12,486	12,486	77,281	77,281	6.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A19. Life Tables for American Indians and Alaska Natives, Males in Billings Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.012601	100,000	1,260	98,920	6,484,622	64.8
1-4 years	0.003184	98,740	314	394,214	6,385,702	64.7
5-9 years	0.001649	98,426	162	491,680	5,991,488	60.9
10-14 years	0.003934	98,264	387	490,656	5,499,808	56.0
15-19 years	0.014848	97,877	1,453	486,147	5,009,152	51.2
20-24 years	0.023860	96,424	2,301	476,565	4,523,005	46.9
25-29 years	0.029895	94,123	2,814	463,769	4,046,440	43.0
30-34 years	0.029733	91,309	2,715	450,028	3,582,671	39.2
35-39 years	0.026114	88,594	2,314	437,380	3,132,643	35.4
40-44 years	0.041269	86,280	3,561	422,805	2,695,263	31.2
45-49 years	0.055213	82,719	4,567	402,732	2,272,458	27.5
50-54 years	0.068220	78,152	5,332	378,120	1,869,726	23.9
55-59 years	0.071203	72,820	5,185	351,754	1,491,606	20.5
60-64 years	0.131616	67,635	8,902	316,716	1,139,852	16.9
65-69 years	0.159313	58,733	9,357	270,803	823,136	14.0
70-74 years	0.201765	49,376	9,962	222,289	552,333	11.2
75-79 years	0.362823	39,414	14,300	161,048	330,044	8.4
80-84 years	0.355404	25,114	8,926	102,632	168,996	6.7
85+ years	1.000000	16,188	16,188	66,364	66,364	4.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A20. Life Tables for American Indians and Alaska Natives, Males in California Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008618	100,000	862	99,261	7,514,341	75.1
1-4 years	0.003290	99,138	326	395,778	7,415,080	74.8
5-9 years	0.000419	98,812	41	493,946	7,019,302	71.0
10-14 years	0.001315	98,771	130	493,632	6,525,356	66.1
15-19 years	0.007034	98,641	694	491,658	6,031,724	61.1
20-24 years	0.006698	97,947	656	488,151	5,540,066	56.6
25-29 years	0.011060	97,291	1,076	483,837	5,051,915	51.9
30-34 years	0.010191	96,215	980	478,723	4,568,078	47.5
35-39 years	0.018843	95,235	1,794	471,841	4,089,355	42.9
40-44 years	0.019312	93,441	1,805	462,848	3,617,514	38.7
45-49 years	0.026375	91,636	2,417	452,431	3,154,666	34.4
50-54 years	0.037573	89,219	3,352	438,149	2,702,235	30.3
55-59 years	0.049894	85,867	4,284	419,134	2,264,086	26.4
60-64 years	0.075057	81,583	6,123	393,155	1,844,952	22.6
65-69 years	0.118521	75,460	8,944	355,447	1,451,797	19.2
70-74 years	0.155446	66,516	10,340	307,056	1,096,350	16.5
75-79 years	0.235928	56,176	13,253	247,496	789,294	14.1
80-84 years	0.254801	42,923	10,937	186,509	541,798	12.6
85+ years	1.000000	31,986	31,986	355,289	355,289	11.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A21. Life Tables for American Indians and Alaska Natives, Males in Nashville Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.011225	100,000	1,123	99,038	7,686,994	76.9
1-4 years	0.003653	98,877	361	394,651	7,587,956	76.7
5-9 years	0.002210	98,516	218	491,975	7,193,305	73.0
10-14 years	0.001043	98,298	102	491,315	6,701,330	68.2
15-19 years	0.005475	98,196	538	489,781	6,210,015	63.2
20-24 years	0.008299	97,658	811	486,332	5,720,234	58.6
25-29 years	0.006935	96,847	672	482,600	5,233,902	54.0
30-34 years	0.011705	96,175	1,126	478,172	4,751,302	49.4
35-39 years	0.010681	95,049	1,015	472,793	4,273,130	45.0
40-44 years	0.018427	94,034	1,733	465,987	3,800,337	40.4
45-49 years	0.026071	92,301	2,406	455,782	3,334,350	36.1
50-54 years	0.043898	89,895	3,946	440,121	2,878,568	32.0
55-59 years	0.052588	85,949	4,520	418,982	2,438,447	28.4
60-64 years	0.076832	81,429	6,256	392,065	2,019,465	24.8
65-69 years	0.101781	75,173	7,651	357,171	1,627,400	21.6
70-74 years	0.156127	67,522	10,542	311,587	1,270,229	18.8
75-79 years	0.202509	56,980	11,539	255,833	958,642	16.8
80-84 years	0.241435	45,441	10,971	199,011	702,809	15.5
85+ years	1.000000	34,470	34,470	503,798	503,798	14.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A22. Life Tables for American Indians and Alaska Natives, Males in Navajo Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007715	100,000	772	99,338	6,996,535	70.0
1-4 years	0.003395	99,228	337	396,112	6,897,197	69.5
5-9 years	0.001517	98,891	150	494,039	6,501,085	65.7
10-14 years	0.003177	98,741	314	493,166	6,007,046	60.8
15-19 years	0.010912	98,427	1,074	489,741	5,513,880	56.0
20-24 years	0.017902	97,353	1,743	482,557	5,024,139	51.6
25-29 years	0.020083	95,610	1,920	473,379	4,541,582	47.5
30-34 years	0.028851	93,690	2,703	461,962	4,068,203	43.4
35-39 years	0.033605	90,987	3,058	447,548	3,606,241	39.6
40-44 years	0.034425	87,929	3,027	432,339	3,158,693	35.9
45-49 years	0.039360	84,902	3,342	416,561	2,726,354	32.1
50-54 years	0.048421	81,560	3,949	398,438	2,309,793	28.3
55-59 years	0.056545	77,611	4,389	377,604	1,911,355	24.6
60-64 years	0.080992	73,222	5,930	351,815	1,533,751	20.9
65-69 years	0.095653	67,292	6,437	320,732	1,181,936	17.6
70-74 years	0.144390	60,855	8,787	282,584	861,204	14.2
75-79 years	0.209024	52,068	10,883	232,926	578,620	11.1
80-84 years	0.295174	41,185	12,157	174,683	345,694	8.4
85+ years	1.000000	29,028	29,028	171,011	171,011	5.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A23. Life Tables for American Indians and Alaska Natives, Males in Oklahoma Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.009617	100,000	962	99,176	6,771,827	67.7
1-4 years	0.004898	99,038	485	395,000	6,672,651	67.4
5-9 years	0.002581	98,553	254	492,060	6,277,651	63.7
10-14 years	0.001621	98,299	159	491,222	5,785,591	58.9
15-19 years	0.010132	98,140	994	488,485	5,294,369	53.9
20-24 years	0.011858	97,146	1,152	482,949	4,805,884	49.5
25-29 years	0.017649	95,994	1,694	475,849	4,322,935	45.0
30-34 years	0.021465	94,300	2,024	466,642	3,847,086	40.8
35-39 years	0.026629	92,276	2,457	455,445	3,380,444	36.6
40-44 years	0.032721	89,819	2,939	442,001	2,924,999	32.6
45-49 years	0.043865	86,880	3,811	425,335	2,482,998	28.6
50-54 years	0.057089	83,069	4,742	404,104	2,057,663	24.8
55-59 years	0.086990	78,327	6,814	375,410	1,653,559	21.1
60-64 years	0.122255	71,513	8,743	336,489	1,278,149	17.9
65-69 years	0.152491	62,770	9,572	290,462	941,660	15.0
70-74 years	0.219786	53,198	11,692	237,128	651,198	12.2
75-79 years	0.277742	41,506	11,528	178,491	414,070	10.0
80-84 years	0.398417	29,978	11,944	119,196	235,579	7.9
85+ years	1.000000	18,034	18,034	116,383	116,383	6.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A24. Life Tables for American Indians and Alaska Natives, Males in Phoenix Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007781	100,000	778	99,333	7,048,845	70.5
1-4 years	0.002902	99,222	288	396,204	6,949,512	70.0
5-9 years	0.001104	98,934	109	494,367	6,553,308	66.2
10-14 years	0.002394	98,825	237	493,718	6,058,941	61.3
15-19 years	0.008616	98,588	849	491,048	5,565,223	56.4
20-24 years	0.016232	97,739	1,586	484,866	5,074,175	51.9
25-29 years	0.017223	96,153	1,656	476,736	4,589,309	47.7
30-34 years	0.018875	94,497	1,784	468,203	4,112,573	43.5
35-39 years	0.024747	92,713	2,294	458,024	3,644,370	39.3
40-44 years	0.037202	90,419	3,364	443,975	3,186,346	35.2
45-49 years	0.042602	87,055	3,709	426,453	2,742,371	31.5
50-54 years	0.058607	83,346	4,885	405,150	2,315,918	27.8
55-59 years	0.067884	78,461	5,326	379,623	1,910,768	24.4
60-64 years	0.090648	73,135	6,630	349,693	1,531,145	20.9
65-69 years	0.137441	66,505	9,141	310,191	1,181,452	17.8
70-74 years	0.144483	57,364	8,288	266,361	871,261	15.2
75-79 years	0.187451	49,076	9,199	222,208	604,900	12.3
80-84 years	0.254315	39,877	10,141	173,324	382,692	9.6
85+ years	1.000000	29,736	29,736	209,368	209,368	7.0

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A25. Life Tables for American Indians and Alaska Natives, Males in Portland Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.010304	100,000	1,030	99,117	7,142,715	71.4
1-4 years	0.003021	98,970	299	395,170	7,043,598	71.2
5-9 years	0.000434	98,671	43	493,236	6,648,428	67.4
10-14 years	0.001919	98,628	189	492,816	6,155,192	62.4
15-19 years	0.008110	98,439	798	490,416	5,662,376	57.5
20-24 years	0.011807	97,641	1,153	485,422	5,171,960	53.0
25-29 years	0.013949	96,488	1,346	479,165	4,686,538	48.6
30-34 years	0.012066	95,142	1,148	472,954	4,207,373	44.2
35-39 years	0.024485	93,994	2,301	464,412	3,734,419	39.7
40-44 years	0.021086	91,693	1,933	453,799	3,270,007	35.7
45-49 years	0.040408	89,760	3,627	440,173	2,816,208	31.4
50-54 years	0.040015	86,133	3,447	422,494	2,376,035	27.6
55-59 years	0.062967	82,686	5,206	401,034	1,953,541	23.6
60-64 years	0.082634	77,480	6,402	371,968	1,552,507	20.0
65-69 years	0.111475	71,078	7,923	336,031	1,180,539	16.6
70-74 years	0.174681	63,155	11,032	288,542	844,508	13.4
75-79 years	0.310300	52,123	16,174	219,873	555,966	10.7
80-84 years	0.357466	35,949	12,851	146,720	336,093	9.3
85+ years	1.000000	23,098	23,098	189,373	189,373	8.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A26. Life Tables for American Indians and Alaska Natives, Males in Tucson Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.005873	100,000	587	99,497	6,800,700	68.0
1-4 years	0.000000	99,413	0	397,652	6,701,203	67.4
5-9 years	0.001034	99,413	103	496,779	6,303,551	63.4
10-14 years	0.002811	99,310	279	496,071	5,806,772	58.5
15-19 years	0.012487	99,031	1,237	492,398	5,310,701	53.6
20-24 years	0.012001	97,794	1,174	486,136	4,818,303	49.3
25-29 years	0.009336	96,620	902	480,906	4,332,167	44.8
30-34 years	0.016862	95,718	1,614	474,716	3,851,261	40.2
35-39 years	0.036425	94,104	3,428	462,239	3,376,545	35.9
40-44 years	0.045387	90,676	4,115	443,448	2,914,306	32.1
45-49 years	0.068845	86,561	5,959	418,631	2,470,858	28.5
50-54 years	0.082764	80,602	6,671	387,196	2,052,227	25.5
55-59 years	0.083494	73,931	6,173	354,956	1,665,031	22.5
60-64 years	0.114146	67,758	7,734	320,147	1,310,075	19.3
65-69 years	0.142154	60,024	8,533	279,271	989,928	16.5
70-74 years	0.198201	51,491	10,206	232,261	710,657	13.8
75-79 years	0.161052	41,285	6,649	189,676	478,396	11.6
80-84 years	0.328906	34,636	11,392	143,904	288,720	8.3
85+ years	1.000000	23,244	23,244	144,816	144,816	6.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A27. Life Tables for American Indians and Alaska Natives, Females in 12 IHS Areas, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007273	100,000	727	99,384	7,575,652	75.8
1-4 years	0.002841	99,273	282	396,402	7,476,268	75.3
5-9 years	0.001396	98,991	138	494,572	7,079,866	71.5
10-14 years	0.001511	98,853	149	493,928	6,585,294	66.6
15-19 years	0.006128	98,704	605	492,147	6,091,366	61.7
20-24 years	0.006401	98,099	628	489,021	5,599,219	57.1
25-29 years	0.008162	97,471	796	485,481	5,110,198	52.4
30-34 years	0.011241	96,675	1,087	480,795	4,624,717	47.8
35-39 years	0.013813	95,588	1,320	474,794	4,143,922	43.4
40-44 years	0.019414	94,268	1,830	467,005	3,669,128	38.9
45-49 years	0.024330	92,438	2,249	456,941	3,202,123	34.6
50-54 years	0.032346	90,189	2,917	444,094	2,745,182	30.4
55-59 years	0.045086	87,272	3,935	427,105	2,301,088	26.4
60-64 years	0.072651	83,337	6,055	402,303	1,873,983	22.5
65-69 years	0.102355	77,282	7,910	367,386	1,471,680	19.0
70-74 years	0.140875	69,372	9,773	323,290	1,104,294	15.9
75-79 years	0.196661	59,599	11,721	269,420	781,004	13.1
80-84 years	0.281054	47,878	13,456	206,198	511,584	10.7
85+ years	1.000000	34,422	34,422	305,386	305,386	8.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A28. Life Tables for American Indians and Alaska Natives, Females in Aberdeen Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.009116	100,000	912	99,227	7,041,524	70.4
1-4 years	0.004287	99,088	425	395,312	6,942,297	70.1
5-9 years	0.002303	98,663	227	492,685	6,546,985	66.4
10-14 years	0.002401	98,436	236	491,647	6,054,300	61.5
15-19 years	0.008896	98,200	874	489,017	5,562,653	56.6
20-24 years	0.010300	97,326	1,002	484,278	5,073,636	52.1
25-29 years	0.010054	96,324	968	479,341	4,589,358	47.6
30-34 years	0.017803	95,356	1,698	472,749	4,110,017	43.1
35-39 years	0.016119	93,658	1,510	464,691	3,637,268	38.8
40-44 years	0.023009	92,148	2,120	455,718	3,172,577	34.4
45-49 years	0.031736	90,028	2,857	443,472	2,716,859	30.2
50-54 years	0.048666	87,171	4,242	425,892	2,273,387	26.1
55-59 years	0.072399	82,929	6,004	400,524	1,847,495	22.3
60-64 years	0.119616	76,925	9,201	362,771	1,446,971	18.8
65-69 years	0.151341	67,724	10,249	313,970	1,084,200	16.0
70-74 years	0.170717	57,475	9,812	263,711	770,230	13.4
75-79 years	0.264997	47,663	12,631	207,522	506,519	10.6
80-84 years	0.370830	35,032	12,991	143,115	298,997	8.5
85+ years	1.000000	22,041	22,041	155,882	155,882	7.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A29. Life Tables for American Indians and Alaska Natives, Females in Alaska Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.008037	100,000	804	99,318	7,379,090	73.8
1-4 years	0.002211	99,196	219	396,248	7,279,772	73.4
5-9 years	0.001596	98,977	158	494,447	6,883,524	69.5
10-14 years	0.002398	98,819	237	493,560	6,389,077	64.7
15-19 years	0.008003	98,582	789	491,120	5,895,517	59.8
20-24 years	0.007563	97,793	740	487,228	5,404,397	55.3
25-29 years	0.013069	97,053	1,268	482,279	4,917,169	50.7
30-34 years	0.013555	95,785	1,298	475,844	4,434,890	46.3
35-39 years	0.020026	94,487	1,892	467,925	3,959,046	41.9
40-44 years	0.022790	92,595	2,110	457,977	3,491,121	37.7
45-49 years	0.029055	90,485	2,629	446,289	3,033,144	33.5
50-54 years	0.032629	87,856	2,867	432,546	2,586,855	29.4
55-59 years	0.035183	84,989	2,990	417,913	2,154,309	25.3
60-64 years	0.073020	81,999	5,988	395,772	1,736,396	21.2
65-69 years	0.110381	76,011	8,390	359,876	1,340,624	17.6
70-74 years	0.115239	67,621	7,793	319,310	980,748	14.5
75-79 years	0.217703	59,828	13,025	267,386	661,438	11.1
80-84 years	0.333309	46,803	15,600	195,534	394,052	8.4
85+ years	1.000000	31,203	31,203	198,518	198,518	6.4

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A30. Life Tables for American Indians and Alaska Natives, Females in Albuquerque Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.006209	100,000	621	99,473	8,003,783	80.0
1-4 years	0.003233	99,379	321	396,731	7,904,310	79.5
5-9 years	0.001516	99,058	150	494,874	7,507,579	75.8
10-14 years	0.001679	98,908	166	494,165	7,012,705	70.9
15-19 years	0.004002	98,742	395	492,814	6,518,540	66.0
20-24 years	0.003197	98,347	314	490,998	6,025,726	61.3
25-29 years	0.004165	98,033	408	489,204	5,534,728	56.5
30-34 years	0.012262	97,625	1,197	485,284	5,045,524	51.7
35-39 years	0.015548	96,428	1,499	478,567	4,560,240	47.3
40-44 years	0.013804	94,929	1,310	471,542	4,081,673	43.0
45-49 years	0.020544	93,619	1,923	463,607	3,610,131	38.6
50-54 years	0.030427	91,696	2,790	451,927	3,146,524	34.3
55-59 years	0.029797	88,906	2,649	438,300	2,694,597	30.3
60-64 years	0.044079	86,257	3,802	422,254	2,256,297	26.2
65-69 years	0.055320	82,455	4,561	401,305	1,834,043	22.2
70-74 years	0.086685	77,894	6,752	373,186	1,432,738	18.4
75-79 years	0.127177	71,142	9,048	333,652	1,059,552	14.9
80-84 years	0.191566	62,094	11,895	281,128	725,900	11.7
85+ years	1.000000	50,199	50,199	444,772	444,772	8.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A31. Life Tables for American Indians and Alaska Natives, Females in Bemidji Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.006735	100,000	674	99,428	7,163,961	71.6
1-4 years	0.001420	99,326	141	396,959	7,064,533	71.1
5-9 years	0.000665	99,185	66	495,742	6,667,574	67.2
10-14 years	0.002372	99,119	235	495,064	6,171,832	62.3
15-19 years	0.008953	98,884	885	492,412	5,676,768	57.4
20-24 years	0.005563	97,999	545	488,716	5,184,356	52.9
25-29 years	0.007444	97,454	725	485,563	4,695,640	48.2
30-34 years	0.013130	96,729	1,270	480,630	4,210,077	43.5
35-39 years	0.017632	95,459	1,683	473,283	3,729,447	39.1
40-44 years	0.021601	93,776	2,026	464,081	3,256,164	34.7
45-49 years	0.033556	91,750	3,079	451,564	2,792,083	30.4
50-54 years	0.035451	88,671	3,143	435,973	2,340,519	26.4
55-59 years	0.053687	85,528	4,592	416,840	1,904,546	22.3
60-64 years	0.111809	80,936	9,049	383,187	1,487,706	18.4
65-69 years	0.162809	71,887	11,704	331,286	1,104,519	15.4
70-74 years	0.191710	60,183	11,538	273,088	773,233	12.8
75-79 years	0.255634	48,645	12,435	212,910	500,145	10.3
80-84 years	0.408913	36,210	14,807	144,525	287,235	7.9
85+ years	1.000000	21,403	21,403	142,710	142,710	6.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A32. Life Tables for American Indians and Alaska Natives, Females in Billings Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007488	100,000	749	99,365	7,172,346	71.7
1-4 years	0.001916	99,251	190	396,539	7,072,981	71.3
5-9 years	0.001759	99,061	174	494,822	6,676,442	67.4
10-14 years	0.001036	98,887	102	494,205	6,181,620	62.5
15-19 years	0.007223	98,785	714	492,305	5,687,415	57.6
20-24 years	0.008029	98,071	787	488,507	5,195,110	53.0
25-29 years	0.011695	97,284	1,138	483,740	4,706,603	48.4
30-34 years	0.019768	96,146	1,901	476,218	4,222,863	43.9
35-39 years	0.026934	94,245	2,538	465,176	3,746,645	39.8
40-44 years	0.027484	91,707	2,520	452,566	3,281,469	35.8
45-49 years	0.028691	89,187	2,559	439,963	2,828,903	31.7
50-54 years	0.038861	86,628	3,366	425,234	2,388,940	27.6
55-59 years	0.072927	83,262	6,072	402,029	1,963,706	23.6
60-64 years	0.084928	77,190	6,556	370,378	1,561,677	20.2
65-69 years	0.106137	70,634	7,497	335,139	1,191,299	16.9
70-74 years	0.150572	63,137	9,507	292,756	856,160	13.6
75-79 years	0.233036	53,630	12,498	237,681	563,404	10.5
80-84 years	0.438540	41,132	18,038	161,165	325,723	7.9
85+ years	1.000000	23,094	23,094	164,558	164,558	7.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A33. Life Tables for American Indians and Alaska Natives, Females in California Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.006008	100,000	601	99,490	8,006,714	80.1
1-4 years	0.001385	99,399	138	397,258	7,907,224	79.6
5-9 years	0.000000	99,261	0	496,305	7,509,966	75.7
10-14 years	0.002359	99,261	234	495,776	7,013,661	70.7
15-19 years	0.003861	99,027	382	494,268	6,517,885	65.8
20-24 years	0.005068	98,645	500	492,051	6,023,617	61.1
25-29 years	0.008899	98,145	873	488,669	5,531,566	56.4
30-34 years	0.005556	97,272	540	485,078	5,042,897	51.8
35-39 years	0.009373	96,732	907	481,498	4,557,819	47.1
40-44 years	0.013402	95,825	1,284	476,083	4,076,321	42.5
45-49 years	0.016749	94,541	1,584	469,008	3,600,238	38.1
50-54 years	0.025814	92,957	2,400	459,148	3,131,230	33.7
55-59 years	0.031752	90,557	2,875	446,023	2,672,082	29.5
60-64 years	0.067175	87,682	5,890	424,420	2,226,059	25.4
65-69 years	0.092234	81,792	7,544	390,816	1,801,639	22.0
70-74 years	0.151403	74,248	11,241	344,129	1,410,823	19.0
75-79 years	0.166897	63,007	10,516	289,398	1,066,694	16.9
80-84 years	0.220447	52,491	11,571	233,912	777,296	14.8
85+ years	1.000000	40,920	40,920	543,384	543,384	13.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A34. Life Tables for American Indians and Alaska Natives, Females in Nashville Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008749	100,000	875	99,258	7,937,958	79.4
1-4 years	0.002659	99,125	264	395,854	7,838,700	79.1
5-9 years	0.000777	98,861	77	494,091	7,442,846	75.3
10-14 years	0.001068	98,784	105	493,683	6,948,755	70.3
15-19 years	0.006906	98,679	681	491,850	6,455,072	65.4
20-24 years	0.004538	97,998	445	488,945	5,963,222	60.9
25-29 years	0.003878	97,553	378	486,875	5,474,277	56.1
30-34 years	0.009737	97,175	946	483,629	4,987,402	51.3
35-39 years	0.009695	96,229	933	478,921	4,503,773	46.8
40-44 years	0.014163	95,296	1,350	473,282	4,024,852	42.2
45-49 years	0.018897	93,946	1,775	465,587	3,551,570	37.8
50-54 years	0.024774	92,171	2,283	455,493	3,085,983	33.5
55-59 years	0.038097	89,888	3,424	441,387	2,630,490	29.3
60-64 years	0.057866	86,464	5,003	420,437	2,189,103	25.3
65-69 years	0.092653	81,461	7,548	389,151	1,768,666	21.7
70-74 years	0.147662	73,913	10,914	343,243	1,379,515	18.7
75-79 years	0.172675	62,999	10,878	288,475	1,036,272	16.4
80-84 years	0.271403	52,121	14,146	225,711	747,797	14.3
85+ years	1.000000	37,975	37,975	522,086	522,086	13.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A35. Life Tables for American Indians and Alaska Natives, Females in Navajo Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008891	100,000	889	99,246	7,926,445	79.3
1-4 years	0.002686	99,111	266	395,793	7,827,199	79.0
5-9 years	0.001240	98,845	123	493,884	7,431,406	75.2
10-14 years	0.001254	98,722	124	493,330	6,937,522	70.3
15-19 years	0.004454	98,598	439	491,994	6,444,192	65.4
20-24 years	0.007084	98,159	695	489,163	5,952,198	60.6
25-29 years	0.006239	97,464	608	485,888	5,463,035	56.1
30-34 years	0.006591	96,856	638	482,766	4,977,147	51.4
35-39 years	0.011037	96,218	1,062	478,559	4,494,381	46.7
40-44 years	0.012883	95,156	1,226	472,876	4,015,822	42.2
45-49 years	0.011698	93,930	1,099	467,085	3,542,946	37.7
50-54 years	0.018853	92,831	1,750	460,045	3,075,861	33.1
55-59 years	0.031957	91,081	2,911	448,559	2,615,816	28.7
60-64 years	0.046030	88,170	4,058	431,211	2,167,257	24.6
65-69 years	0.068785	84,112	5,786	406,644	1,736,046	20.6
70-74 years	0.097248	78,326	7,617	373,260	1,329,402	17.0
75-79 years	0.157932	70,709	11,167	326,321	956,142	13.5
80-84 years	0.226253	59,542	13,472	264,478	629,821	10.6
85+ years	1.000000	46,070	46,070	365,343	365,343	7.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A36. Life Tables for American Indians and Alaska Natives, Females in Oklahoma Area, 2003-2005(Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.005881	100,000	588	99,501	7,414,427	74.1
1-4 years	0.004028	99,412	400	396,669	7,314,926	73.6
5-9 years	0.002660	99,012	263	494,331	6,918,257	69.9
10-14 years	0.000742	98,749	73	493,580	6,423,926	65.1
15-19 years	0.007208	98,676	711	491,767	5,930,346	60.1
20-24 years	0.006925	97,965	678	488,233	5,438,579	55.5
25-29 years	0.009654	97,287	939	484,224	4,950,346	50.9
30-34 years	0.015814	96,348	1,524	478,123	4,466,122	46.4
35-39 years	0.014218	94,824	1,348	470,907	3,987,999	42.1
40-44 years	0.025227	93,476	2,358	461,794	3,517,092	37.6
45-49 years	0.029618	91,118	2,699	449,291	3,055,298	33.5
50-54 years	0.040208	88,419	3,555	433,746	2,606,007	29.5
55-59 years	0.055821	84,864	4,737	413,179	2,172,261	25.6
60-64 years	0.079731	80,127	6,389	385,460	1,759,082	22.0
65-69 years	0.109348	73,738	8,063	349,298	1,373,622	18.6
70-74 years	0.160845	65,675	10,563	302,899	1,024,324	15.6
75-79 years	0.205855	55,112	11,345	247,902	721,425	13.1
80-84 years	0.288587	43,767	12,631	187,678	473,523	10.8
85+ years	1.000000	31,136	31,136	285,845	285,845	9.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A37. Life Tables for American Indians and Alaska Natives, Females in Phoenix Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008084	100,000	808	99,315	7,663,540	76.6
1-4 years	0.001992	99,192	198	396,284	7,564,225	76.3
5-9 years	0.000747	98,994	74	494,765	7,167,941	72.4
10-14 years	0.000854	98,920	85	494,408	6,673,176	67.5
15-19 years	0.005460	98,835	540	492,950	6,178,768	62.5
20-24 years	0.005364	98,295	527	490,238	5,685,818	57.8
25-29 years	0.006352	97,768	621	487,378	5,195,580	53.1
30-34 years	0.010249	97,147	996	483,371	4,708,202	48.5
35-39 years	0.012032	96,151	1,157	477,997	4,224,831	43.9
40-44 years	0.018872	94,994	1,793	470,723	3,746,834	39.4
45-49 years	0.027959	93,201	2,606	459,923	3,276,111	35.2
50-54 years	0.030613	90,595	2,773	446,462	2,816,188	31.1
55-59 years	0.051671	87,822	4,538	428,437	2,369,726	27.0
60-64 years	0.070230	83,284	5,849	402,527	1,941,289	23.3
65-69 years	0.093421	77,435	7,234	369,777	1,538,762	19.9
70-74 years	0.134847	70,201	9,466	328,175	1,168,985	16.7
75-79 years	0.192052	60,735	11,664	275,239	840,810	13.8
80-84 years	0.238654	49,071	11,711	216,467	565,571	11.5
85+ years	1.000000	37,360	37,360	349,104	349,104	9.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A38. Life Tables for American Indians and Alaska Natives, Females in Portland Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.006231	100,000	623	99,472	7,567,119	75.7
1-4 years	0.003723	99,377	370	396,603	7,467,647	75.1
5-9 years	0.000887	99,007	88	494,791	7,071,044	71.4
10-14 years	0.001196	98,919	118	494,328	6,576,253	66.5
15-19 years	0.005571	98,801	550	492,757	6,081,925	61.6
20-24 years	0.006738	98,251	662	489,701	5,589,168	56.9
25-29 years	0.008159	97,589	796	486,071	5,099,467	52.3
30-34 years	0.007212	96,793	698	482,308	4,613,396	47.7
35-39 years	0.011424	96,095	1,098	477,858	4,131,088	43.0
40-44 years	0.021090	94,997	2,003	470,240	3,653,230	38.5
45-49 years	0.026762	92,994	2,489	459,161	3,182,990	34.2
50-54 years	0.033313	90,505	3,015	445,444	2,723,829	30.1
55-59 years	0.037375	87,490	3,270	429,759	2,278,385	26.0
60-64 years	0.069545	84,220	5,857	407,188	1,848,626	21.9
65-69 years	0.107063	78,363	8,390	371,636	1,441,438	18.4
70-74 years	0.145596	69,973	10,188	325,294	1,069,802	15.3
75-79 years	0.225345	59,785	13,472	266,082	744,508	12.5
80-84 years	0.307641	46,313	14,248	196,419	478,426	10.3
85+ years	1.000000	32,065	32,065	282,007	282,007	8.8

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A39. Life Tables for American Indians and Alaska Natives, Females in Tucson Area, 2003-2005 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008961	100,000	896	99,240	7,422,318	74.2
1-4 years	0.000000	99,104	0	396,416	7,323,078	73.9
5-9 years	0.002141	99,104	212	494,932	6,926,662	69.9
10-14 years	0.004004	98,892	396	493,566	6,431,730	65.0
15-19 years	0.001933	98,496	190	492,049	5,938,164	60.3
20-24 years	0.006035	98,306	593	490,138	5,446,115	55.4
25-29 years	0.014241	97,713	1,392	485,287	4,955,977	50.7
30-34 years	0.008968	96,321	864	479,554	4,470,690	46.4
35-39 years	0.018916	95,457	1,806	472,980	3,991,136	41.8
40-44 years	0.023368	93,651	2,188	463,072	3,518,156	37.6
45-49 years	0.017186	91,463	1,572	453,646	3,055,084	33.4
50-54 years	0.038059	89,891	3,421	441,420	2,601,438	28.9
55-59 years	0.048931	86,470	4,231	422,399	2,160,018	25.0
60-64 years	0.097040	82,239	7,981	392,238	1,737,619	21.1
65-69 years	0.163347	74,258	12,130	342,116	1,345,381	18.1
70-74 years	0.167851	62,128	10,428	285,490	1,003,265	16.1
75-79 years	0.184847	51,700	9,557	235,201	717,775	13.9
80-84 years	0.231773	42,143	9,768	186,620	482,574	11.5
85+ years	1.000000	32,375	32,375	295,954	295,954	9.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Indian Health Service
Rockville MD 20852

JUN 5 2014

TO: See Below
Through: Chief Medical Officer SK
6/5/14

FROM: Director
Office of Public Health Support

SUBJECT: Distribution of the *Life Expectancy, American Indians and Alaska Natives, Data Years: 2005-2007* Report.

I am pleased to send you the current Indian Health Service Life Expectancy Report entitled: *Life Expectancy, American Indians and Alaska Natives, Data Years: 2005-2007*. The Indian Health Service (IHS) Office of Public Health Support (OPHS), Division of Program Statistics (DPS) prepares the *Life Expectancy* report on an annual basis. This report encompasses life tables for the American Indians and Alaska Natives (AI/AN) in the IHS service population by IHS Area and gender for years 2005-2007 with comparable data for the U.S. All Races, White, and Black populations for the mid-year 2006. Life expectancy estimates are adjusted to compensate for misreporting of AI/AN race on state death certificates.

This report was prepared by JoAnn Glakas Pappalardo and Alan Friedman, Demographic Statistics Team (DST), DPS, OPHS. DST acknowledges contributions from Kirk Greenway (Director and Principal Statistician, DPS), Priscilla Sandoval (Program Analyst), Jennifer Joseph (Staff Assistant), and Linda Querec (IHS contractor).

Questions pertaining to the *Life Expectancy, American Indians and Alaska Natives, Data Years: 2005-2007* report can be directed to JoAnn G. Pappalardo, Senior Statistician, IHS, OPHS, DPS (email: joann.pappalardo@ihs.gov).

Please contact Jennifer Joseph, Staff Assistant (301) 443-1180, to request additional copies of this report.

CAPT Francis Frazier
Acting Director, Office of Public Health
Support

Attachments

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DPS Staff



Life Expectancy

American Indians and Alaska Natives

Data Years: 2005-2007

U. S. Department of Health and Human Services
Indian Health Service
Office of Public Health Support
Division of Program Statistics
Demographic Statistics Team

Date Released: May, 2014

**LIFE TABLES FOR THE AMERICAN INDIAN AND ALASKA
NATIVE IHS SERVICE POPULATION BY IHS AREA AND
GENDER, 2005-2007, WITH COMPARABLE DATA FOR THE
U. S. ALL RACES, WHITE, AND BLACK POPULATIONS, 2006**

U. S. Department of Health and Human Services
Indian Health Service
Office of Public Health Support
Division of Program Statistics

This report was prepared by JoAnn Glakas Pappalardo (Senior Statistician) and Alan Freidman (Health Statistician) Demographic Statistics Team (DST), Division of Program Statistics.

Additional American Indian and Alaska Native health status information can be obtained from the Demographic Statistics Team.

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INTRODUCTION

Life tables are a comprehensive measure of the effect of mortality on life expectancy and are a more refined means of measuring mortality levels in a population than crude, age-specific, or age-adjusted mortality rates. They allow comparison of mortality rates between populations without requiring adjustment to an actual standard population in order to account for differences in age distributions between those populations.

Life tables are routinely prepared by the National Center for Health Statistics (NCHS) by race/ethnicity and gender. NCHS does not, however, prepare life tables for the American Indian and Alaska Native (AI/AN) population. The purpose of this report is to provide life tables for the AI/AN population residing in the service area in which the Indian Health Service (IHS) has responsibilities and to make comparisons between Indian life expectancy and the all races, white, and black U.S. populations. This report also includes a discussion of life table definitions and methodology in order to provide a better understanding of life table data. The life tables included in this report are based on three years of data because of the small numbers of American Indian deaths that occur during a single calendar year.

The starting point for the construction of a life table is a series of age-specific mortality rates developed for that population. All other functions in the table evolve from these rates. The other functions include the number of survivors, the number of deaths, the number of person-years lived at a given age, the number of person-years lived after reaching that age, and the expected future life for a person reaching that age.

Life expectancy is not to be confused with life span. Life expectancy, simply put, is the number of years an average person can expect to live and is measurable using current mortality statistics. Life expectancy varies across generations, countries around the world, by race, and by gender. Life span is the maximum number of years a species expects to live under optimum conditions. Life span has probably not changed in recent times; it is a concept that cannot be measured easily.

TYPES OF LIFE TABLES

GENERATION VERSUS PERIOD LIFE TABLES

It is important to understand some basic concepts regarding life tables. There are two different types of life tables: the generation or cohort life table and the current or period life table. The generation life table is based on the mortality experience of a particular birth cohort, which includes all persons born in a particular year. Preparation of a generation life table requires use of the mortality rates actually experienced by that cohort at each age during its lifetime, until all persons in the cohort have died. It provides a longitudinal picture of the actual lifetime experience of a particular group of people. It is difficult to prepare since it requires compilation of mortality data over a very long period of time, (i.e. 100 years or more), depending on the

number of years the last surviving member of the cohort lives. Because of the extended time period required to complete generation life tables, such tables are seldom prepared.

The current or period life table presented in this report is more commonly used as it is based on a "synthetic" instead of a real birth cohort. A synthetic cohort consists of a population distributed by age as it exists at a particular point in time and is cross-sectional in that it crosses numerous generations and includes people born in many different years. A period life table is representative of the combined mortality experience by age of a cross-section of population at a particular point in time, and is developed based on the applicable age-specific mortality rates for a time era. As such, a synthetic cohort does not represent the actual experience of a real cohort. The current life table provides a "snap shot" of current mortality experience and provides an indicator of the long-term results should current mortality rates prevail.

Both current and generation life tables assume a cohort of 100,000 live births as a starting point. All values generated by the life table evolve from the original 100,000 births.

The current life table itself can be interpreted in two ways. The first interpretation is a birth cohort of 100,000 live births aging over time and subject to the mortality conditions shown over its lifetime. The second interpretation is a "stationary population" in which there are 100,000 live births every year with each birth cohort subject to the same age-specific mortality rates over its lifetime, resulting in a population with an unchanging number and age distribution.

COMPLETE VERSUS ABRIDGED LIFE TABLES

Complete life tables contain data by single year of age; they use counts of the population enumerated during a decennial census and deaths for a three-year period centered on the decennial census year. Abridged life tables contain data by five-year age intervals and are usually prepared annually; however, for this report they have been prepared using three-year aggregated data because of the relatively small number of AI/ANs residing in the counties included in the IHS service delivery area. Annual abridged life tables are prepared by using the most recent decennial life table as a standard and adjusting abridged life table functions to that standard.

The methodology used here was developed by NCHS and is referred to as, "The revised method of computing life tables by reference to a 'standard' table." The appendix provides a brief description of the methodology.

NCHS developed a report that discusses the methodology in detail.¹ Guidance on how to interpret a life table is also included in the appendix.

¹ Comparison of Two Methods of Constructing Abridged Life Tables by Reference to a "Standard" Table. Public Health Service Publication Number 1000, Series 2, Number 4. Revised March 1966.

ADJUSTING FOR MISREPORTING OF INDIAN RACE ON STATE DEATH CERTIFICATES

Misreporting of Indian race on state death certificates occurs, especially in areas distant from traditional Indian reservations. In order to determine the degree and scope of the misreporting, IHS conducted a study utilizing the National Death Index (NDI) maintained by NCHS. The results of the NDI study provide sufficient numbers to calculate adjustments to the number of deaths by sex for each IHS Area, for IHS overall, and for five-year age groups. **Adjusted life expectancies** are considered to be a more accurate representation of Indian life expectancy than actual life expectancies since they are "adjusted" to account for misreporting of American Indian race on state death certificates. Therefore, the analyses in this report are based upon the adjusted life expectancies. For more information on adjusting for misreporting of Indian race on state Death certificates, see the *Appendix*.

DATA PRESENTATIONS

A summary table (Table 1) and 12 charts (Charts A1-D3) for AI/AN life expectancies at birth and for persons at several age groups (20-24 years, 40-44 years, and 60-64 years) are presented in this report. Data are provided by gender (all AI/AN, male, and female), and for each IHS Area. For comparison, the table and accompanying charts show the life expectancies for U. S. all races, U. S. white, and U. S. black populations. Life expectancies for other five-year age groups, in addition to those selected for review in this report, are provided in the detailed life expectancy tables found in the *Appendix* at the end of the report.

The life expectancy data presented in this report are based upon data that have been adjusted for the misreporting of AI/AN race on the death certificate. Unadjusted life expectancy data are included in Table 1. Detailed unadjusted life expectancy tables for each of the 12 IHS Areas are available upon request from the Division of Program Statistics. See *Introduction* for contact information.

**LIFE EXPECTANCY AT BIRTH
(TABLE 1 AND CHARTS A1, A2, AND A3)**

Table A. Life expectancy at birth, 2005-2007

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	80.0
2	California	77.8
3	Albuquerque	76.8
4	Phoenix	76.1
5	Navajo	75.6
6	Portland	74.9
7	Tucson	73.5
8	Alaska	71.9
9	Oklahoma	70.5
10	Bemidji	70.2
11	Billings	68.9
12	Aberdeen	68.1

Life expectancy at birth for all twelve IHS Areas was 73.5 years (2005-2007). Comparable data for U.S. population (2006) were all races 77.7, white 78.2, and black 73.2.

For each IHS Area, life expectancies for females were higher than those for males. To measure the magnitude of this difference, ratios between the female life expectancies and the male life expectancies by IHS Area are presented (see Table 1). These ratios varied from 1.04 in Nashville to 1.15 in Navajo. For all twelve IHS Areas this ratio was 1.09 (2005-2007). The comparable female to male ratios for the (2006) U.S. all races, white, and black populations were 1.07, 1.06, and 1.10 respectively.

**YEARS OF LIFE REMAINING FOR PERSONS 20-24 YEARS OF AGE
(TABLE 1 AND CHARTS B1, B2, AND B3)**

Table B. Years of life remaining at 20-24 years, 2005-2007

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	61.5
2	California	59.4
3	Albuquerque	57.9
4	Phoenix	57.4
5	Navajo	57.1
6	Portland	56.4
7	Tucson	54.9
8	Alaska	53.7
9	Oklahoma	52.2
10	Bemidji	51.7
11	Billings	50.5
12	Aberdeen	49.8

The years of life remaining for the age group 20-24 years for all twelve IHS Areas was 55.0 years. Comparable data for U.S. populations (2006) were all races 57.2, white 57.6, and black 53.3 years.

Ratios of female to male years of life remaining for AI/AN in the age group 20-24 years varied from 1.05 for Nashville to 1.20 for Tucson. For all twelve IHS Areas this ratio was 1.12. The comparable ratios for the U.S. all races, white, and black populations were 1.09, 1.08, and 1.07, respectively.

**YEARS OF LIFE REMAINING FOR PERSONS 40-44 YEARS OF AGE
(TABLE 1 AND CHARTS C1, C2, AND C3)**

Table C. Years of life remaining at 40-44 years, 2005-2007

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	43.5
2	California	41.3
3	Albuquerque	40.5
4	Navajo	40.4
5	Phoenix	39.9
6	Portland	38.6
7	Tucson	38.0
8	Alaska	36.8
9	Oklahoma	35.1
10	Billings	34.3
11	Bemidji	34.2
12	Aberdeen	32.6

The years of life remaining for the age group 40-44 years for all twelve IHS Areas was 37.7 years. Comparable data for U.S. populations (2006) were all races 38.4, white 38.6, and black 35.1.

Ratios of female to male years of life remaining for AI/AN in the age group 40-44 years varied from 1.04 for Nashville and Tucson to 1.25. For the twelve IHS Areas this ratio was 1.14. The comparable ratios for the U.S. all races, white, and black populations were 1.11, 1.11, and 1.17 respectively.

**YEARS OF LIFE REMAINING FOR PERSONS 60-64 YEARS OF AGE
(TABLE 1 AND CHARTS D1, D2, AND D3)**

Table D. Years of life remaining at 60-64 years, 2005-2007

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	27.3
2	California	24.9
3	Phoenix	24.6
4	Albuquerque	24.5
5	Navajo	24.3
6	Tucson	23.2
7	Portland	22.2
8	Alaska	21.1
9	Oklahoma	20.2
10	Billings	19.8
11	Bemidji	18.8
12	Aberdeen	18.4

The years of life remaining for the age group 60-64 years for all twelve IHS Areas was 22.1 years. Comparable data for U.S. populations (2006) were all races 21.2, white 21.3, and black 19.4 years.

Ratios of female to male years of life remaining for AI/AN in the age group 60-64 varied from 0.98 for Nashville to 1.29 for Tucson. For the twelve IHS Areas this ratio was 1.16. The comparable ratios for the U.S. all races, white, and black populations were 1.15, 1.15, and 1.23 respectively.

Table 1. LIFE EXPECTANCY AT SELECTED AGES AND RELATIVE RANKINGS OF AMERICAN INDIANS AND ALASKA NATIVES RESIDING IN IHS SERVICE AREAS, 2005-2007

A. LIFE EXPECTANCY AT BIRTH (Years of life remaining)

	Both Sexes			Male			Female			Ratio (Female: Male)
	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	
IHS (All 12 Areas)	76.0	73.5		72.7	70.2		79.2	76.8		1.09
Aberdeen	68.5	68.1	(12)	64.2	64.2	(12)	72.5	72.0	(12)	1.12
Alaska	72.8	71.9	(8)	69.9	69.0	(7)	75.7	74.8	(8)	1.08
Albuquerque	77.6	76.8	(3)	73.7	72.8	(4)	81.2	80.5	(4)	1.11
Bemidji	73.0	70.2	(10)	70.3	67.5	(9)	75.6	72.9	(10)	1.08
Billings	70.0	68.9	(11)	67.0	65.8	(11)	73.0	72.0	(11)	1.09
California	83.8	77.8	(2)	80.9	74.7	(2)	86.5	80.8	(3)	1.08
Nashville	82.6	80.0	(1)	82.1	78.8	(1)	84.1	82.2	(1)	1.04
Navajo	75.9	75.6	(5)	70.7	70.4	(6)	81.2	81.0	(2)	1.15
Oklahoma	76.2	70.5	(9)	73.0	67.4	(10)	79.2	73.5	(9)	1.09
Phoenix	76.9	76.1	(4)	73.7	72.8	(4)	79.9	79.2	(5)	1.09
Portland	76.5	74.9	(6)	74.4	72.9	(3)	78.4	76.9	(7)	1.05
Tucson	74.0	73.5	(7)	69.3	68.9	(8)	78.8	78.5	(6)	1.14
U.S. All Races (2006)	77.7			75.1			80.2			1.07
U.S. White (2006)	78.2			75.7			80.6			1.06
U.S. Black (2006)	73.2			69.7			76.5			1.10

B. LIFE EXPECTANCY, PERSONS 20-24 YEARS (Years of life remaining)

	Both Sexes			Male			Female			Ratio (Female: Male)
	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	
IHS (12 Areas)	57.3	55.0		54.2	51.9		60.3	58.1		1.12
Aberdeen	50.2	49.8	(12)	46.7	46.3	(12)	53.6	53.2	(12)	1.15
Alaska	54.5	53.7	(8)	51.9	51.1	(7)	57.1	56.2	(8)	1.10
Albuquerque	58.7	57.9	(3)	55.0	54.0	(5)	62.1	61.5	(4)	1.14
Bemidji	54.3	51.7	(10)	51.8	49.2	(9)	56.7	54.2	(10)	1.10
Billings	51.6	50.5	(11)	48.6	47.5	(11)	54.4	53.5	(11)	1.13
California	64.7	59.4	(2)	61.8	56.3	(2)	67.3	62.4	(2)	1.11
Nashville	63.6	61.5	(1)	63.2	60.5	(1)	65.1	63.3	(1)	1.05
Navajo	57.2	57.1	(5)	52.3	52.1	(6)	62.3	62.1	(3)	1.19
Oklahoma	57.3	52.2	(9)	54.2	49.2	(9)	60.2	55.1	(9)	1.12
Phoenix	58.2	57.4	(4)	55.2	54.4	(4)	61.1	60.3	(5)	1.11
Portland	57.8	56.4	(6)	56.0	54.6	(3)	59.4	58.1	(7)	1.06
Tucson	55.4	54.9	(7)	50.7	50.1	(8)	60.1	60.0	(6)	1.20
U.S. All Races (2006)	57.2			54.8			60.0			1.09
U.S. White (2006)	57.6			55.2			59.8			1.08
U.S. Black (2006)	53.3			52.5			56.4			1.07

() = Area Office rank.

UNADJ = Unadjusted; data not adjusted to compensate for misreporting of AI/AN race on state death certificates.

ADJ = Adjusted; data adjusted to compensate for misreporting of AI/AN race on state death certificates.

Table 1. (Continued) LIFE EXPECTANCY AT SELECTED AGES AND RELATIVE RANKINGS OF AMERICAN INDIANS AND ALASKA NATIVES RESIDING IN IHS SERVICE AREAS, 2005-2007

C. LIFE EXPECTANCY, PERSONS 40-44 YEARS (Years of life remaining)

	Both Sexes			Male			Female			Ratio (Female: Male)
	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	
IHS (12 Areas)	39.6	37.7		37.0	35.1		41.8	40.0		1.14
Aberdeen	33.0	32.6	(12)	30.2	29.9	(12)	35.6	35.2	(12)	1.18
Alaska	37.5	36.8	(8)	35.4	34.8	(7)	39.3	38.7	(8)	1.11
Albuquerque	41.1	40.5	(3)	38.4	37.6	(3)	43.4	43.0	(4)	1.14
Bemidji	36.2	34.2	(11)	34.1	32.0	(11)	38.2	36.3	(10)	1.13
Billings	35.2	34.3	(10)	33.1	32.2	(10)	37.1	36.2	(11)	1.12
California	45.8	41.3	(2)	43.4	38.5	(2)	48.0	43.8	(2)	1.14
Nashville	45.2	43.5	(1)	45.3	42.9	(1)	46.1	44.7	(1)	1.04
Navajo	40.5	40.4	(4)	36.9	36.8	(6)	43.9	43.8	(2)	1.19
Oklahoma	39.1	35.1	(9)	36.4	32.5	(9)	41.5	37.5	(9)	1.15
Phoenix	40.5	39.9	(5)	38.2	37.5	(4)	42.6	42.0	(6)	1.12
Portland	39.7	38.6	(6)	38.4	37.2	(5)	40.7	39.6	(7)	1.06
Tucson	38.4	38.0	(7)	34.5	33.8	(8)	42.2	42.1	(5)	1.25
U.S. All Races (2006)	38.4			36.3			40.3			1.11
U.S. White (2006)	38.6			36.6			40.5			1.11
U.S. Black (2006)	35.1			32.2			37.6			1.17

D. LIFE EXPECTANCY, PERSONS 60-64 YEARS (Years of life remaining)

	Both Sexes			Male			Female			Ratio (Female: Male)
	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	
IHS (12 Areas)	23.6	22.1		21.9	20.3		25.0	23.6		1.16
Aberdeen	18.7	18.4	(12)	16.8	16.5	(12)	20.2	19.9	(12)	1.21
Alaska	21.6	21.1	(8)	20.0	19.5	(8)	22.8	22.3	(8)	1.14
Albuquerque	25.0	24.5	(4)	23.3	22.6	(4)	26.3	25.9	(5)	1.15
Bemidji	20.5	18.8	(11)	18.9	17.2	(11)	21.7	20.2	(11)	1.17
Billings	20.5	19.8	(10)	19.1	18.3	(9)	21.7	21.1	(10)	1.15
California	28.8	24.9	(2)	27.0	22.8	(3)	30.2	26.7	(2)	1.17
Nashville	28.9	27.3	(1)	30.2	28.0	(1)	28.7	27.5	(1)	0.98
Navajo	24.4	24.3	(5)	22.2	22.1	(5)	26.3	26.3	(3)	1.19
Oklahoma	19.8	20.2	(9)	21.1	18.1	(10)	24.9	21.9	(9)	1.21
Phoenix	25.2	24.6	(3)	23.9	23.3	(2)	26.2	25.6	(6)	1.10
Portland	23.2	22.2	(7)	22.2	21.2	(6)	23.8	22.9	(7)	1.08
Tucson	23.5	23.2	(6)	20.7	20.2	(7)	26.2	26.1	(4)	1.29
U.S. All Races (2006)	21.2			19.6			22.5			1.15
U.S. White (2006)	21.3			19.7			22.6			1.15
U.S. Black (2006)	19.4			17.2			21.1			1.23

() = Area Office rank.

UNADJ = Unadjusted; data not adjusted to compensate for misreporting of AI/AN race on state death certificates.

ADJ = Adjusted; data adjusted to compensate for misreporting of AI/AN race on state death certificates.

APPENDIX

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CONSTRUCTING ABRIDGED LIFE TABLES

LIFE TABLE VALUES

The life tables in this report include the basic life table functions commonly shown as part of a published life table. The columns in a life table are identified by mathematical symbols as described below.

- ${}_nQ_x$ The probability of dying during the age interval.
- l_x The number of persons out of the original 100,000 live births who are still alive at the beginning of the age interval.
- ${}_nd_x$ The number dying during the specified age interval.
- ${}_nL_x$ The number of person-years lived during the specified age interval.
- T_x The total number of person-years that will be lived from the beginning of the specified age interval until the last person in the cohort dies.
- e_x^o Life expectancy, the average number of years remaining in the lifetime of a person alive at the beginning of the specified age interval.

PRELIMINARY LIFE TABLE DATA

The following preliminary life table data are not published as part of a life table but are used to generate the life table values described above. Some of these data are fixed constants which have been developed by NCHS for standardizing the abridged tables to the complete decennial life tables. Other preliminary data include mortality and population data used to develop mortality rates. The preliminary data are as follows:

- ${}_nA_x$ A set of constants derived by NCHS from the complete decennial life table used as the standard table. These constants are used as adjustment factors to convert the age-specific mortality rates into ${}_nq_x$, the probability of dying for each age interval. The conversion of the observed ${}_nM_x$ to the ${}_nq_x$ in the abridged life table is based on the relationship of the ${}_nM_x$ to the ${}_nq_x$ in the table being used as the standard. The A constant differs by race and by gender.
- ${}_nB_x$ A set of constants derived by NCHS from the complete decennial life table that is used as the standard table. These constants represent the distribution of deaths within the age interval. They are used to compute ${}_nL_x$, the number of person years lived during the age interval. Their computation assumes that the age distribution of those dying within the interval is the same within the abridged table as it is within the standard table. The B constant differs by race and by gender.

- ${}_n P_x$ The estimated midyear population for the age interval.
- ${}_n D_x$ The number of deaths for the age interval.
- ${}_n M_x$ The age-specific death rate for the age interval.
- $1 + {}_n A_x * {}_n M_x$ A set of adjustment factors used to convert the observed population age-specific mortality rates into the probability of dying, or ${}_n q_x$ using the ${}_n A_x$ constant defined above.

Several additional factors that are called into the computations within columns of the spreadsheet are not normally shown individually in a life table. These include an F factor, a separation factor, and an end value constant. These computations are prepared for both genders combined and for each gender separately using different constants for the factors for each of these three population groups.

The **F factor** is used to adjust proportionately the age-specific death rates for the number of deaths with age not stated. It is computed for each life table based on number of deaths not stated in the population under study.

The **separation factor** is a constant developed by NCHS that is incorporated into the formula computing the infant mortality rate. Normally, the infant mortality rate is computed simply by dividing the number of infant deaths in a given year by the number of births in that year even though infant deaths do not always occur in the year of birth. The purpose of the separation factor is to separate infants dying at less than one year of age into those born in that same year from those born in the previous year. The infant mortality rate is then computed in two parts, using the appropriate number of births as the denominator for the infant deaths which have been "separated" by year of birth.

The **end-value constant** is developed by NCHS and used to compute the number of remaining person-years lived for those age 85 years and older. This is necessary because this age group is an open-ended interval.

HOW TO INTERPRET A LIFE TABLE

Although a life table contains a multitude of numbers and formulas, the primary interest of a life table user is most likely one number, the expected years of life at birth. This number (the expected years of life at birth) is shown as the first number in column seven on each of the life tables (A1-A39). The purpose of all other numbers and formulas within the table is the generation of that number. Life tables are usually prepared by gender because of the substantial difference found between the life expectancy of males and females.

In order to understand the life table concept it is important to understand life table functions and how they are interrelated.

Preliminary life table data are not presented in this report except for ${}_nB_x$ that is used to compute ${}_nQ_x$, the proportion or probability of dying during the age interval. The first step in the generation of ${}_nQ_x$ is the computation of the age-specific death rate, or ${}_nM_x$, from the number of deaths and the population within the age group. ${}_nM_x$ may differ slightly from the age-specific mortality rates that we normally use because the number of deaths with age not stated are distributed proportionally among the age groups in the computation of ${}_nM_x$. ${}_nM_x$ also differs from the normal infant mortality rate due to use of the separation factor as discussed earlier.

The second step toward computing ${}_nQ_x$ is the development of the adjustment factor, based on the relationship of the age-specific death rates to the probability of dying, ${}_nA_x$, that was found in the life table used as the standard. The age-specific death rates computed for the life table are then converted to the probability of dying within the interval by multiplying the rate times the length of the age interval and then dividing by the adjustment factor.

The next two life table columns, l_x and ${}_nd_x$, are interrelated. The first row of column l_x is the beginning cohort of 100,000 live births used as a starting point for any life table. The first row of column ${}_nd_x$ is the number of those 100,000 who die during this age interval. For each of the succeeding age groups, l_x is the number from the original cohort of 100,000 births who survive to the exact age at the beginning of the age interval. This number is computed by subtracting the number dying, or ${}_nd_x$, in the previous age interval from the number alive at the beginning of that previous interval. The number dying is computed by applying the probability of dying during the interval, ${}_nQ_x$, to the number alive at the beginning of the interval, l_x .

Columns ${}_nL_x$ and T_x are both related to the stationary population. ${}_nL_x$ differs from l_x in that l_x is the number of survivors from a single birth cohort of 100,000 births who survive *to* the beginning of an age interval, while ${}_nL_x$ is the total number of survivors *within* the age interval based on multiple birth cohorts of 100,000 births each, the number of cohorts depending on the number of years in the age interval identified. For example, the first age group in the life table consists of one birth cohort of 100,000 births. The second age interval is a four-year interval composed of four birth cohorts totaling 400,000 births. The remaining age groups (with the exception of 85+ years) are in five-year intervals of five birth cohorts totaling 500,000 births as a beginning population. ${}_nL_x$ is computed by multiplying the number of single cohort survivors

at the beginning of the interval, or l_x , by the number of cohorts (based on the size of the age interval) within the age interval and then subtracting deaths for the age interval, ${}_n d_x$, which has been adjusted by ${}_n B_x$, a conversion factor derived from the "standard" life table.

T_x is the total number of survivors in the specified age group and all older age groups. It is computed by adding ${}_n L_x$ for the specified age interval to the sum of the ${}_n L_x$'s of older age groups.

Finally e_x^o , or life expectancy, is computed by dividing T_x by l_x for each age interval.

ADJUSTING FOR MISREPORTING OF INDIAN RACE ON STATE DEATH CERTIFICATES

Misreporting of Indian race on state death certificates occurs, especially in areas distant from traditional Indian reservations. In order to determine the degree and scope of the misreporting, IHS conducted a study utilizing the National Death Index (NDI) maintained by the NCHS. The study involved matching IHS patient records of those patients who could have died during 1986 through 1988 with all death records of U.S. residents for 1986 through 1988 as contained on the NDI. The results were published in a document entitled, *Adjusting for Miscoding of Indian Race on State Death Certificates*, November 1996. The study revealed that on 10.9 percent of the matched IHS-NDI records, the race reported for the decedent was other than American Indian or Alaska Native. The percentage of records with inconsistent classification of race ranged from 1.2 percent in the Navajo Area to 28.0 and 30.4 percents in the Oklahoma and California Areas, respectively.

The results of the NDI study provide sufficient numbers to calculate adjustments for each IHS Area, IHS overall, and selected age groups. In addition to these adjustments based on the study findings, IHS assumed the following; a) the results from 1986-88 apply to years beyond 1988 and b) IHS age-group adjustments applied also to each Area. These assumptions cannot be statistically supported by the results of the study. However, IHS felt that it was necessary to adjust all of the death data in this report to provide a meaningful and comprehensive look at life expectancy. IHS also believes that they are reasonable adjustments.

IHS has more specific adjustment factors for the age group less than one year. These are derived from the linked birth/infant death data sets produced by the NCHS. IHS is assuming that data years 1994-96 can be adjusted based on the results from prior years of the linked data sets, which is not statistically sound but reasonable. These adjustments for 1994-96 take precedent over the NDI adjustments for the under one-year age group, described above.

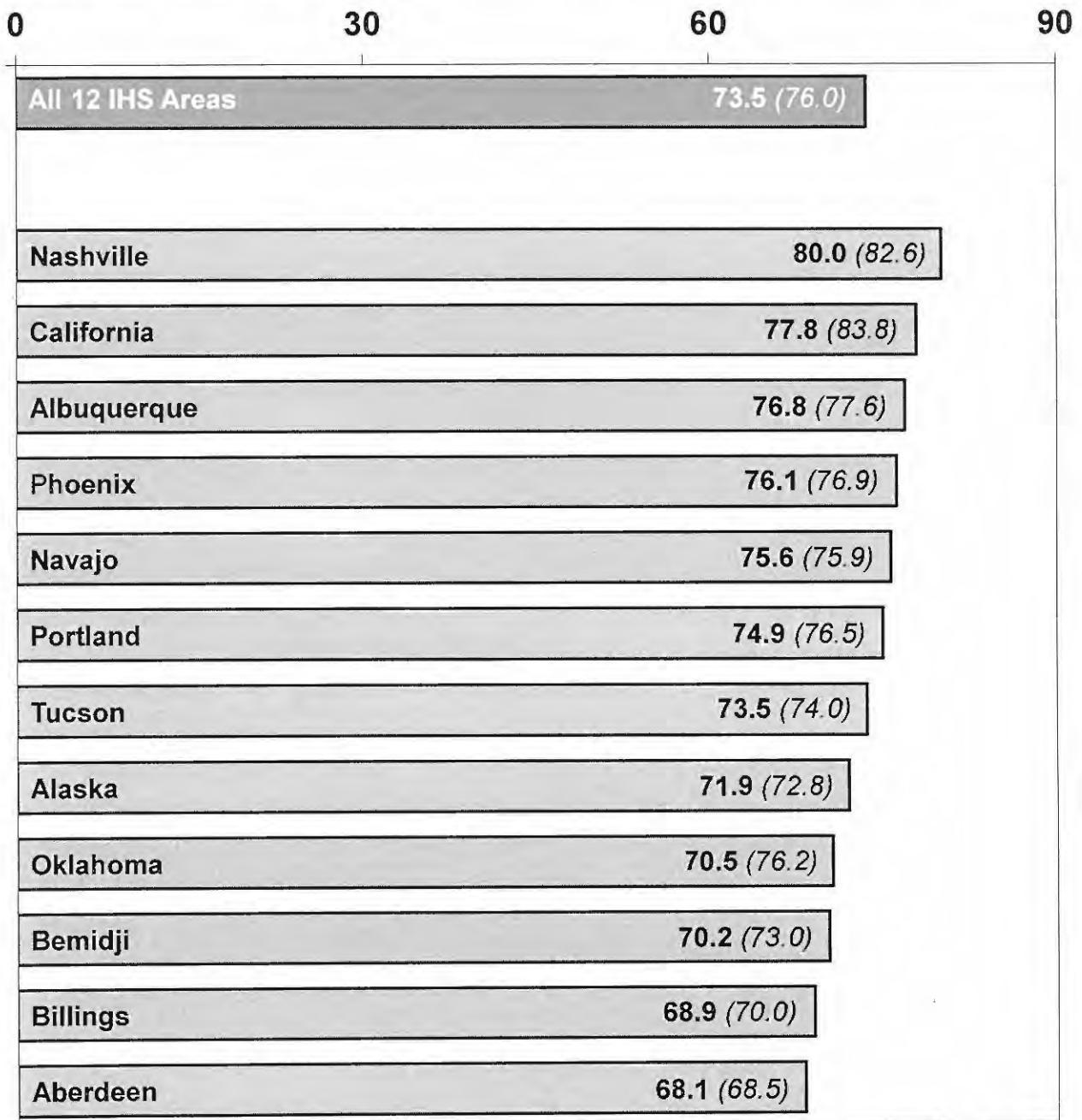
Adjusted life expectancies are considered a more accurate representation of Indian life expectancy than actual life expectancies because the "actual" data upon which they are based has been "adjusted" to account for misreporting of Indian race on death certificates. Therefore, the analyses in this report are based upon adjusted life expectancies.

Chart A1. Life Expectancy at Birth, Both Sexes

CY 2005-2007(Adjusted)

U.S. All Races (2006) = 77.7
 U.S. White Population (2006) = 78.2
 U.S. Black Population (2006) = 73.2

Years of Life Remaining



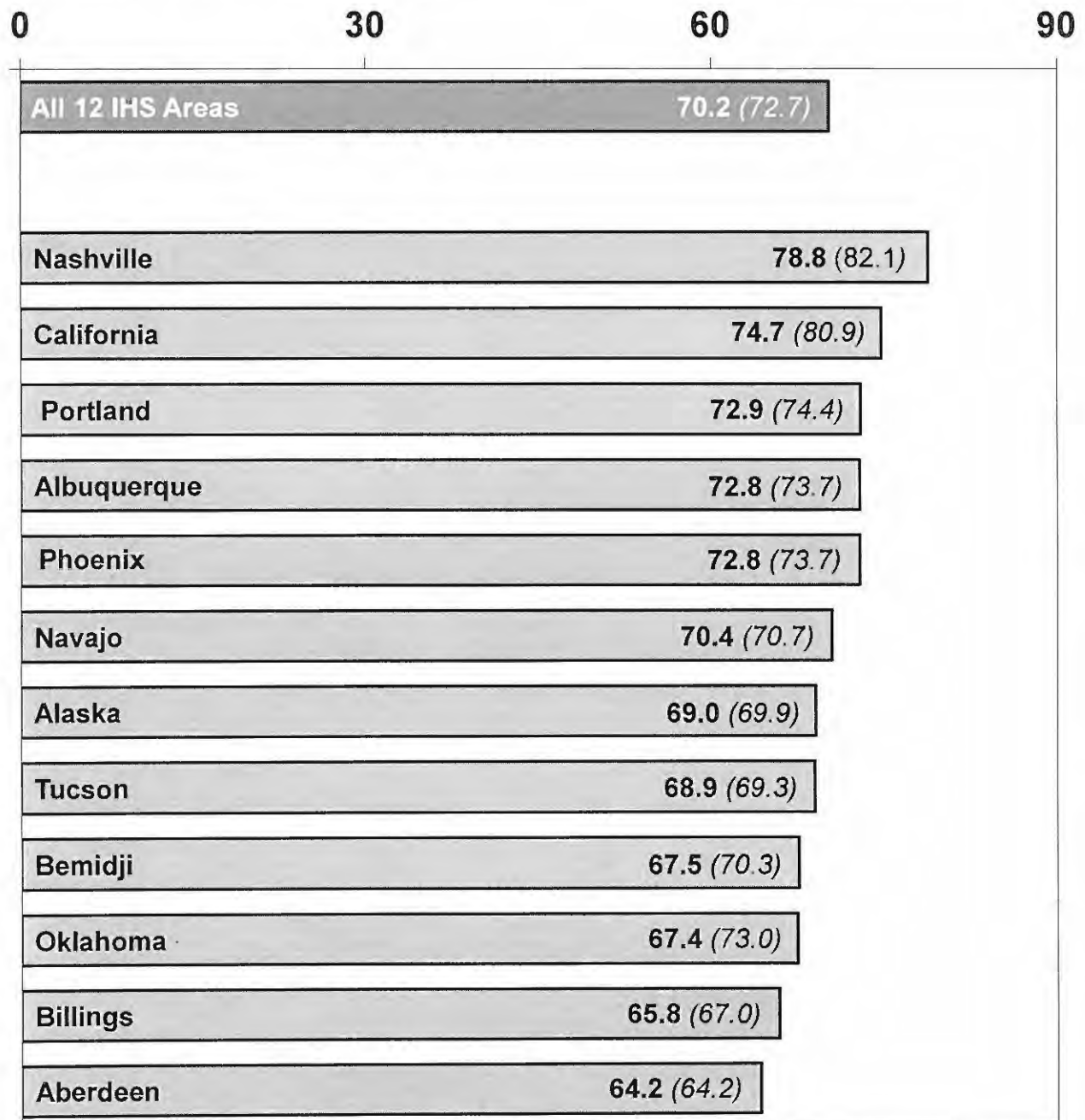
NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart A2. Life Expectancy at Birth, Males

CY 2005-2007(Adjusted)

U.S. All Races (2006) = 75.1
 U.S. White Population (2006) = 75.7
 U.S. Black Population (2006) = 69.7

Years of Life Remaining



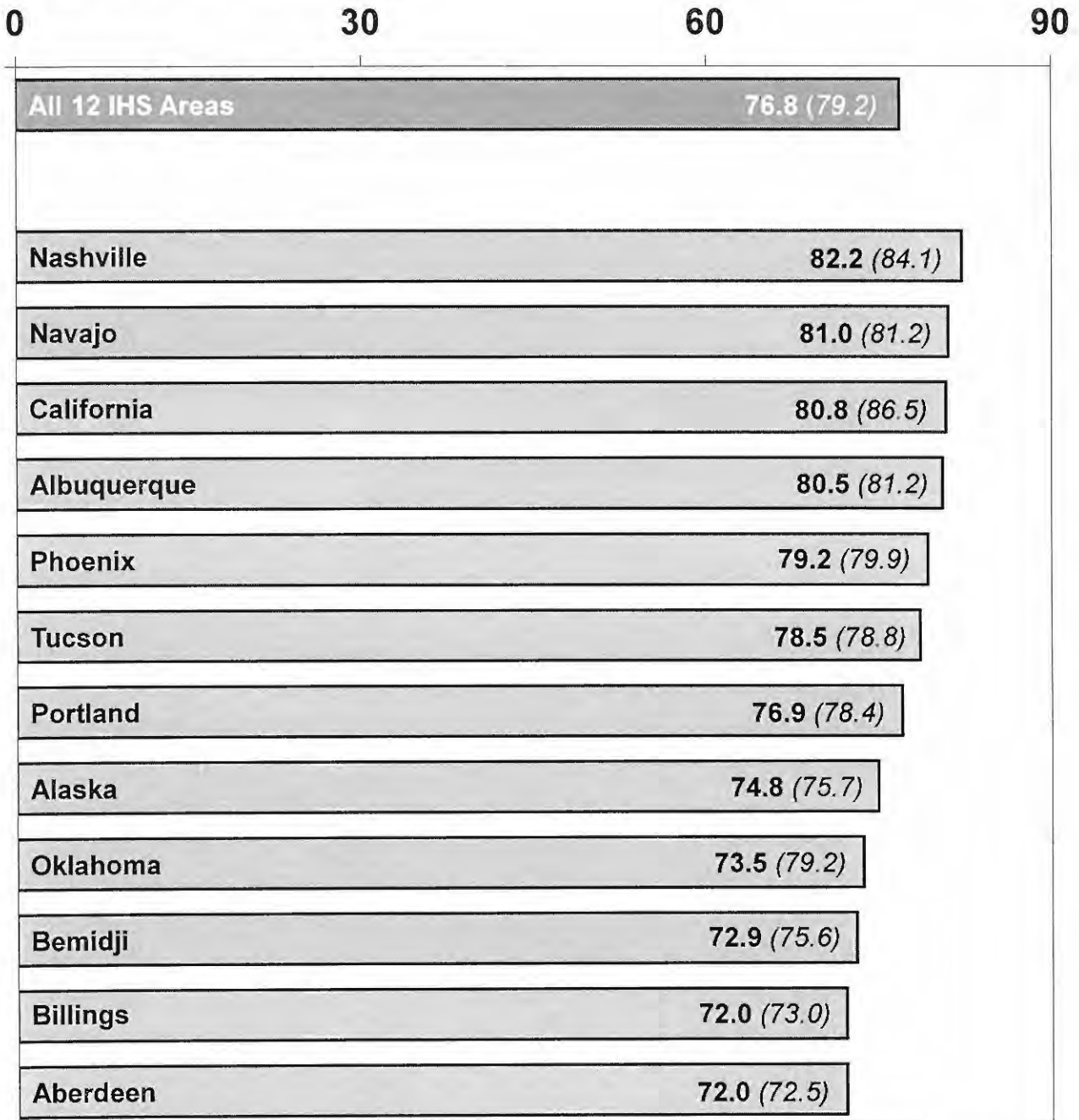
NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart A3. Life Expectancy at Birth, Females

CY 2005-2007(Adjusted)

U.S. All Races (2006) = 80.2
 U.S. White Population (2006) = 80.6
 U.S. Black Population (2006) = 76.5

Years of Life Remaining



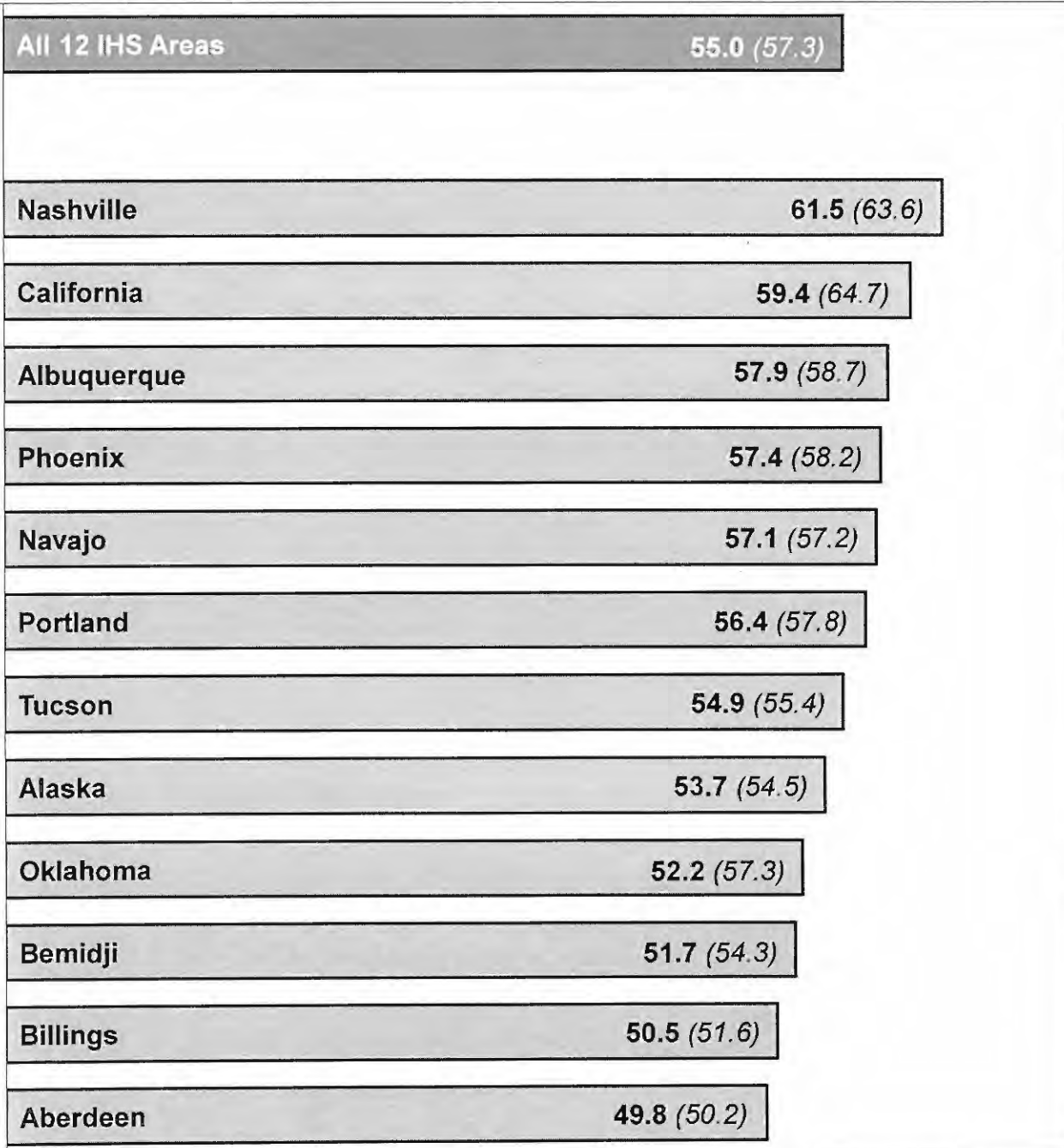
NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart B1. Life Expectancy at 20-24 Years, Both Sexes CY 2005-2007(Adjusted)

U.S. All Races (2006) = 57.2
 U.S. White Population (2006) = 57.6
 U.S. Black Population (2006) = 53.3

Years of Life Remaining

0 10 20 30 40 50 60 70



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart B2. Life Expectancy at 20-24 Years, Males

CY 2005-2007(Adjusted)

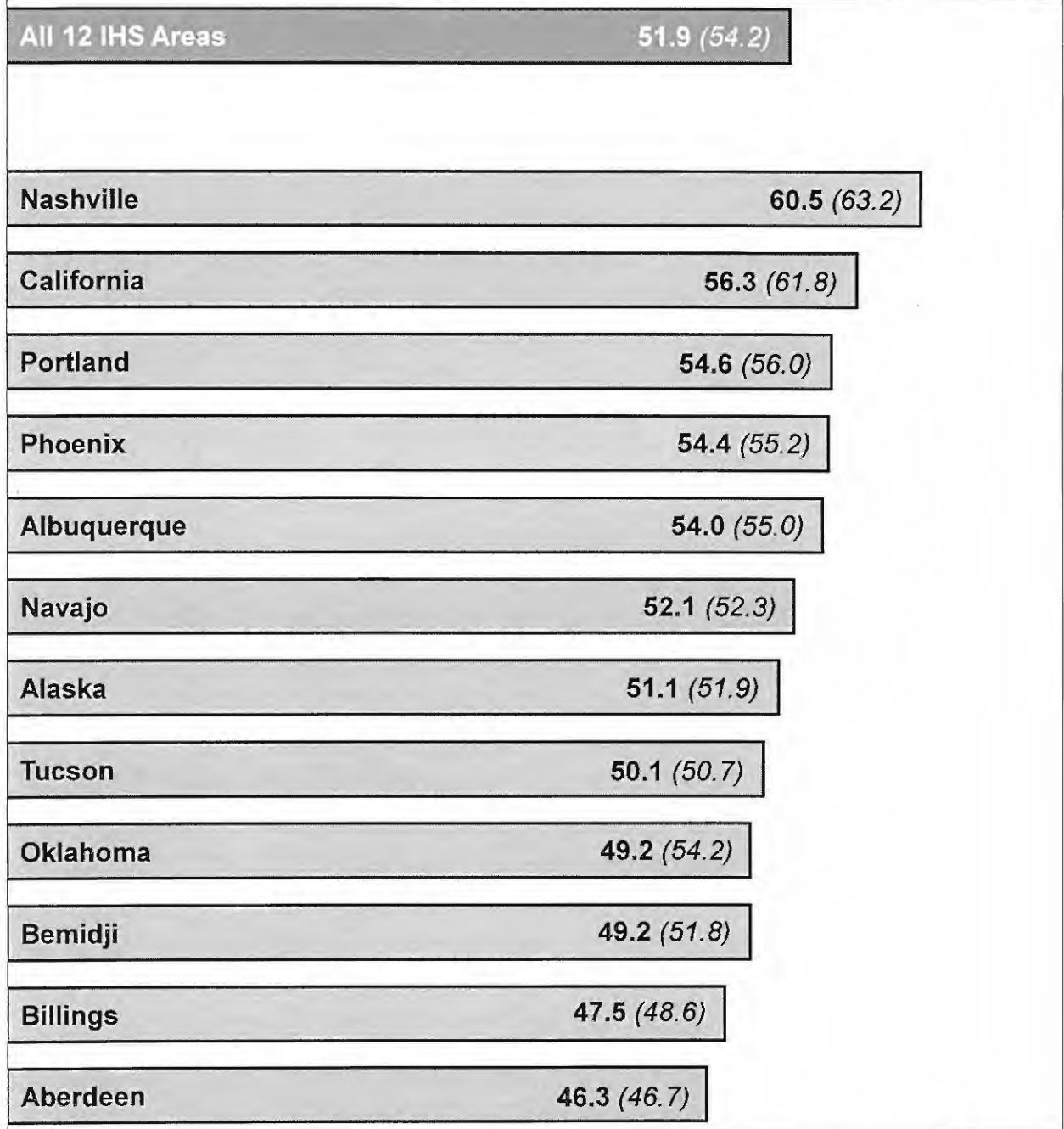
U.S. All Races (2006) = 54.8

U.S. White Population (2006) = 55.2

U.S. Black Population (2006) = 52.5

Years of Life Remaining

0 10 20 30 40 50 60 70



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

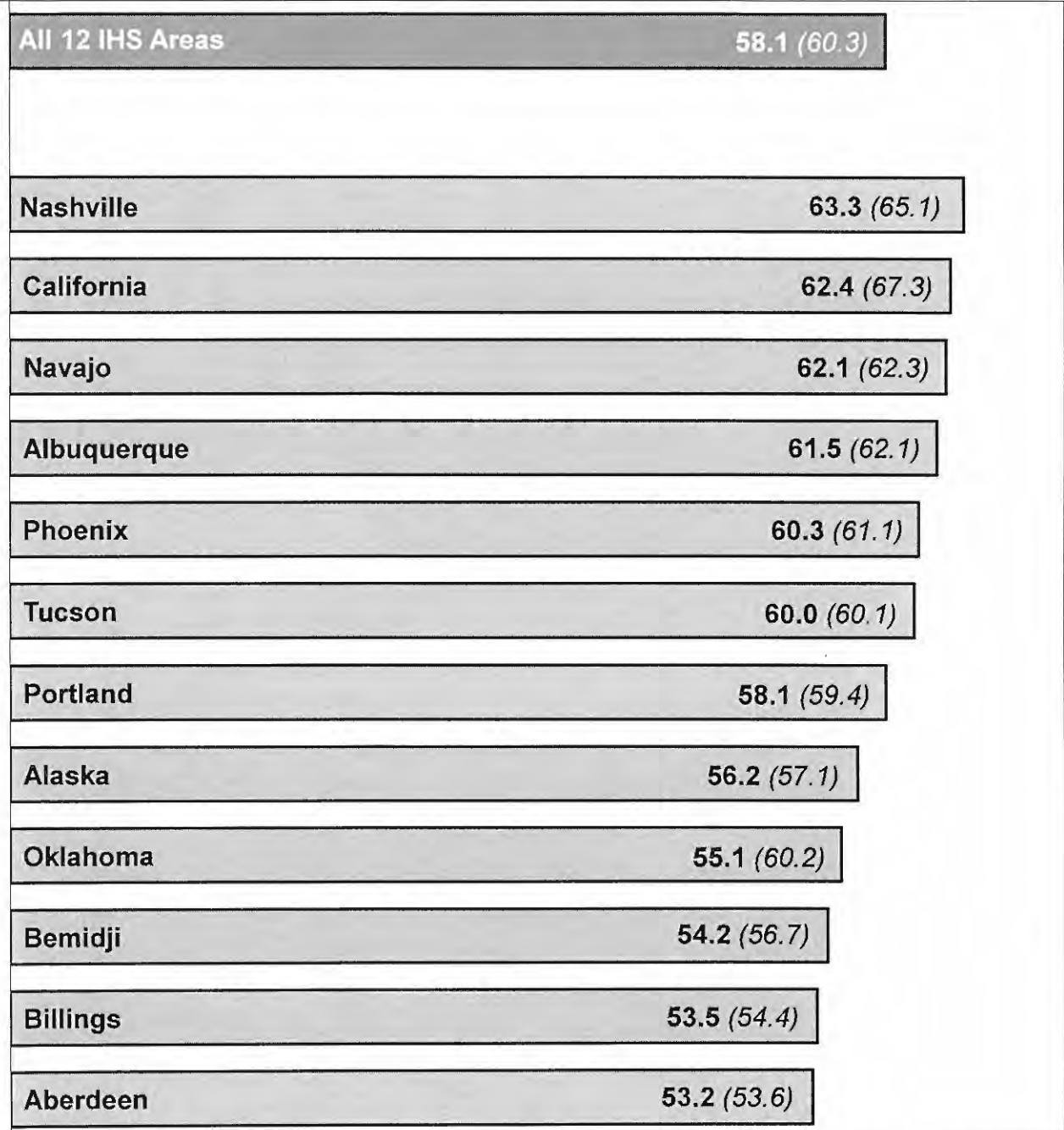
Chart B3. Life Expectancy at 20-24 Years, Females

CY 2005-2007(Adjusted)

U.S. All Races (2006) = 60.0
 U.S. White Population (2006) = 59.8
 U.S. Black Population (2006) = 56.4

Years of Life Remaining

0 10 20 30 40 50 60 70



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

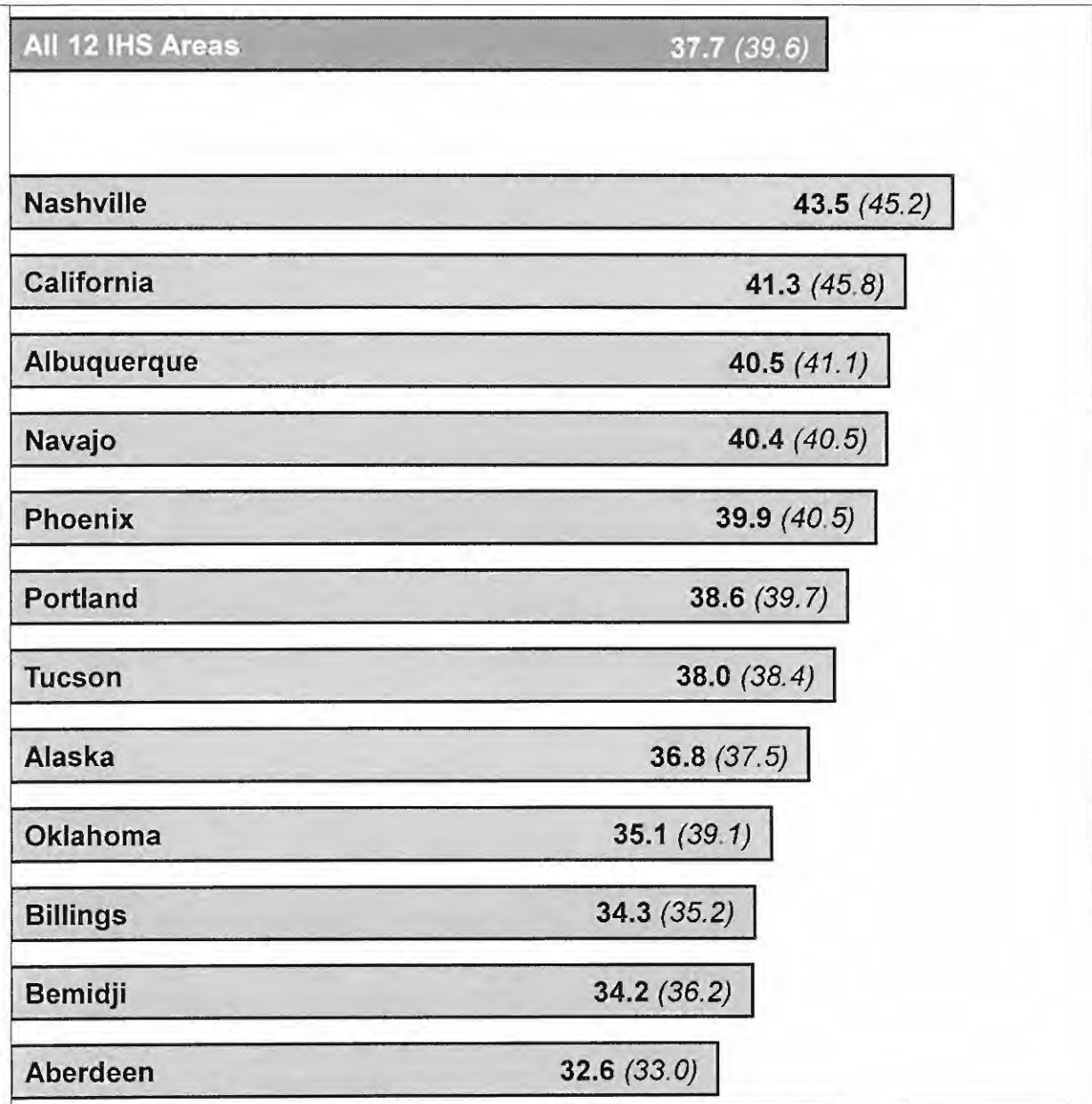
Chart C1. Life Expectancy at 40-44 Years, Both Sexes

CY 2005-2006(Adjusted)

U.S. All Races (2006) = 38.4
 U.S. White Population (2006) = 38.6
 U.S. Black Population (2006) = 35.1

Years of Life Remaining

0 10 20 30 40 50



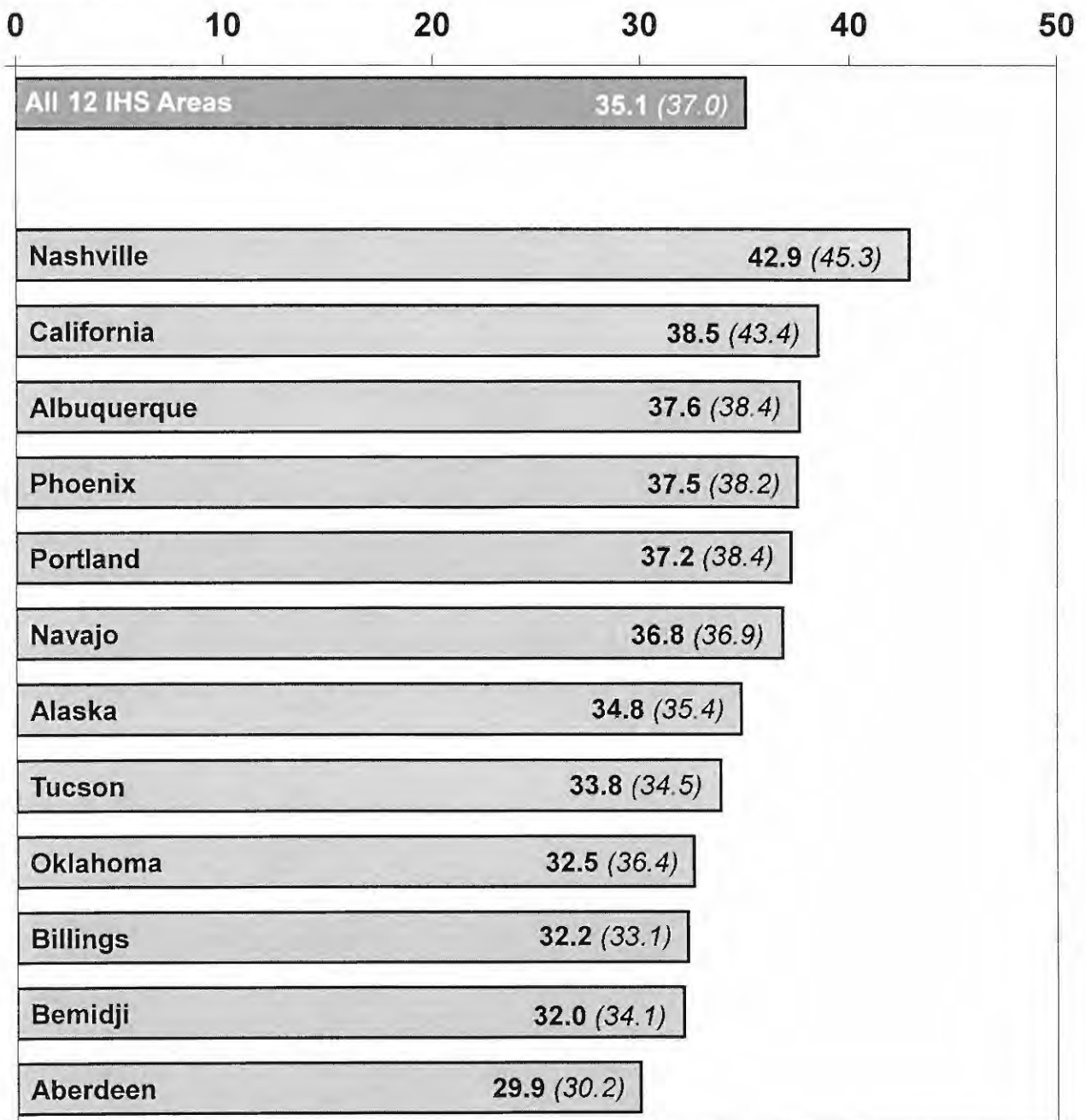
NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart C2. Life Expectancy at 40-44 Years, Males

CY 2005-2007(Adjusted)

U.S. All Races (2006) = 36.3
 U.S. White Population (2006) = 36.6
 U.S. Black Population (2006) = 32.2

Years of Life Remaining



NOTE: Life expectancies **not** adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart C3. Life Expectancy at 40-44 Years, Females

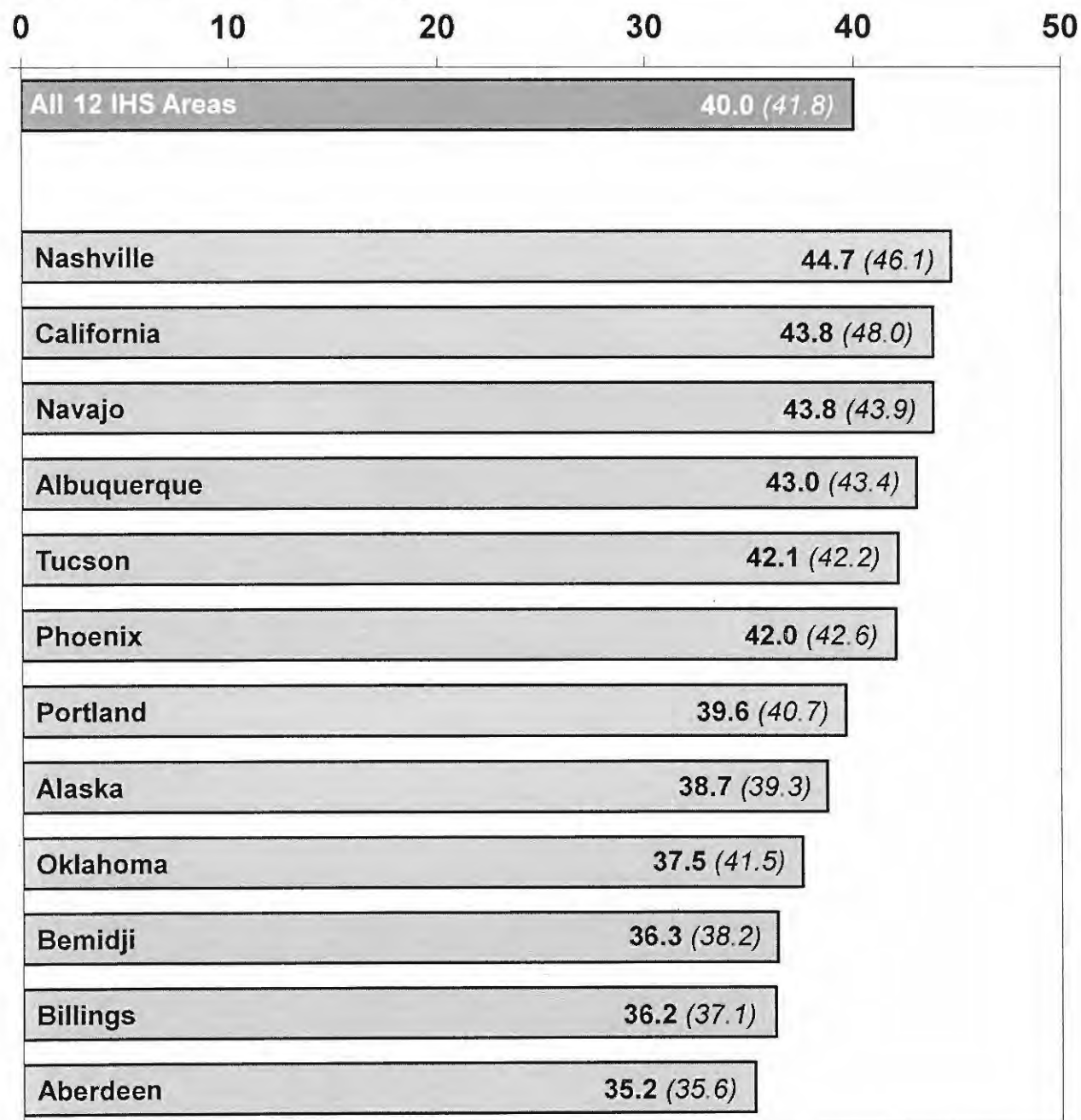
CY 2005-2007(Adjusted)

U.S. All Races (2006) = 40.3

U.S. White Population (2006) = 40.5

U.S. Black Population (2006) = 37.6

Years of Life Remaining

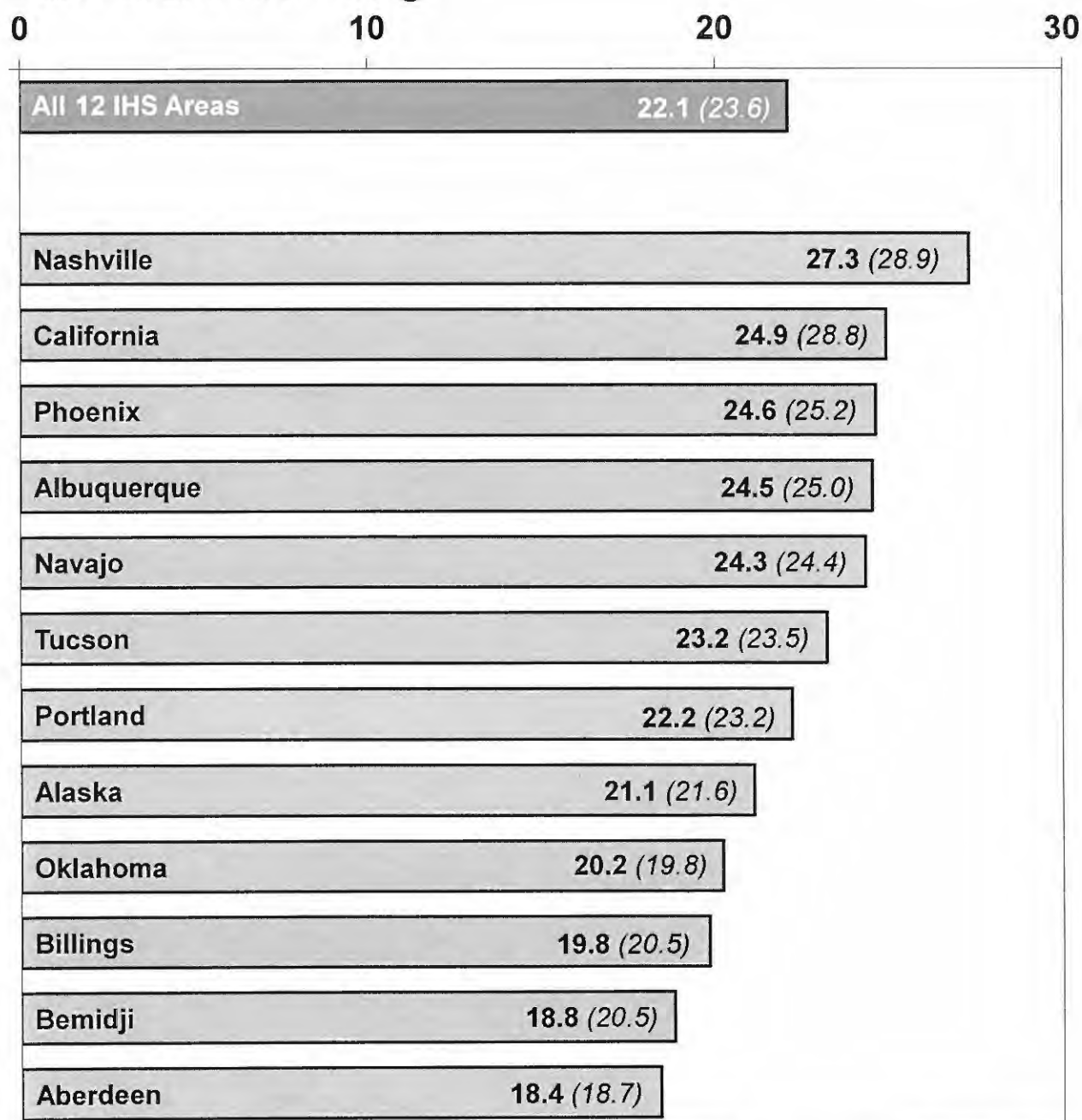


NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart D1. Life Expectancy at 60-64 Years, Both Sexes CY 2005-2007(Adjusted)

U.S. All Races (2006) = 21.2
 U.S. White Population (2006) = 21.3
 U.S. Black Population (2006) = 19.4

Years of Life Remaining

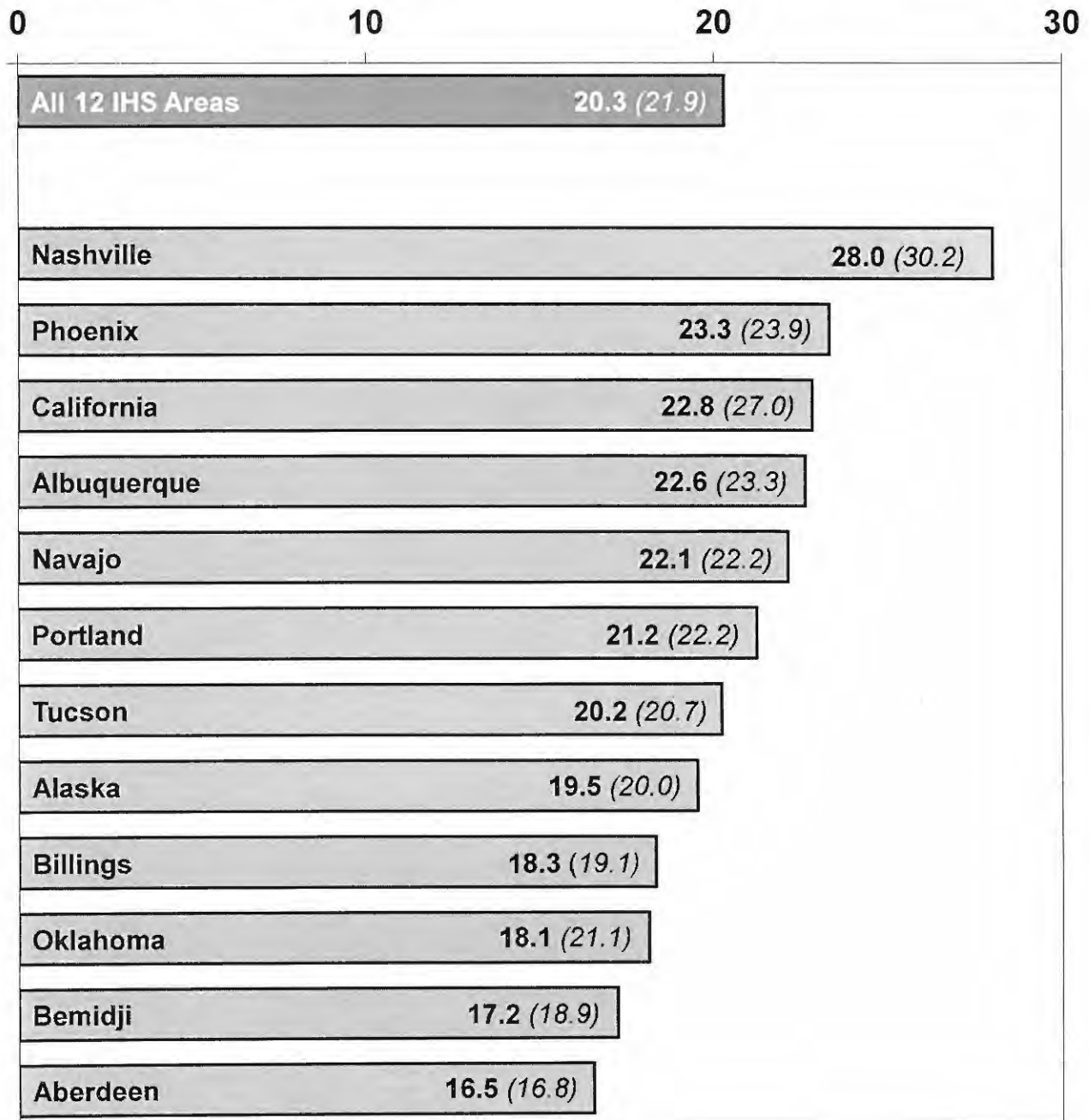


NOTE: Life expectancies **not** adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart D2. Life Expectancy at 60-64 Years, Males
CY 2005-2007(Adjusted)

U.S. All Races (2006) = 19.6
 U.S. White Population (2006) = 19.7
 U.S. Black Population (2006) = 17.2

Years of Life Remaining



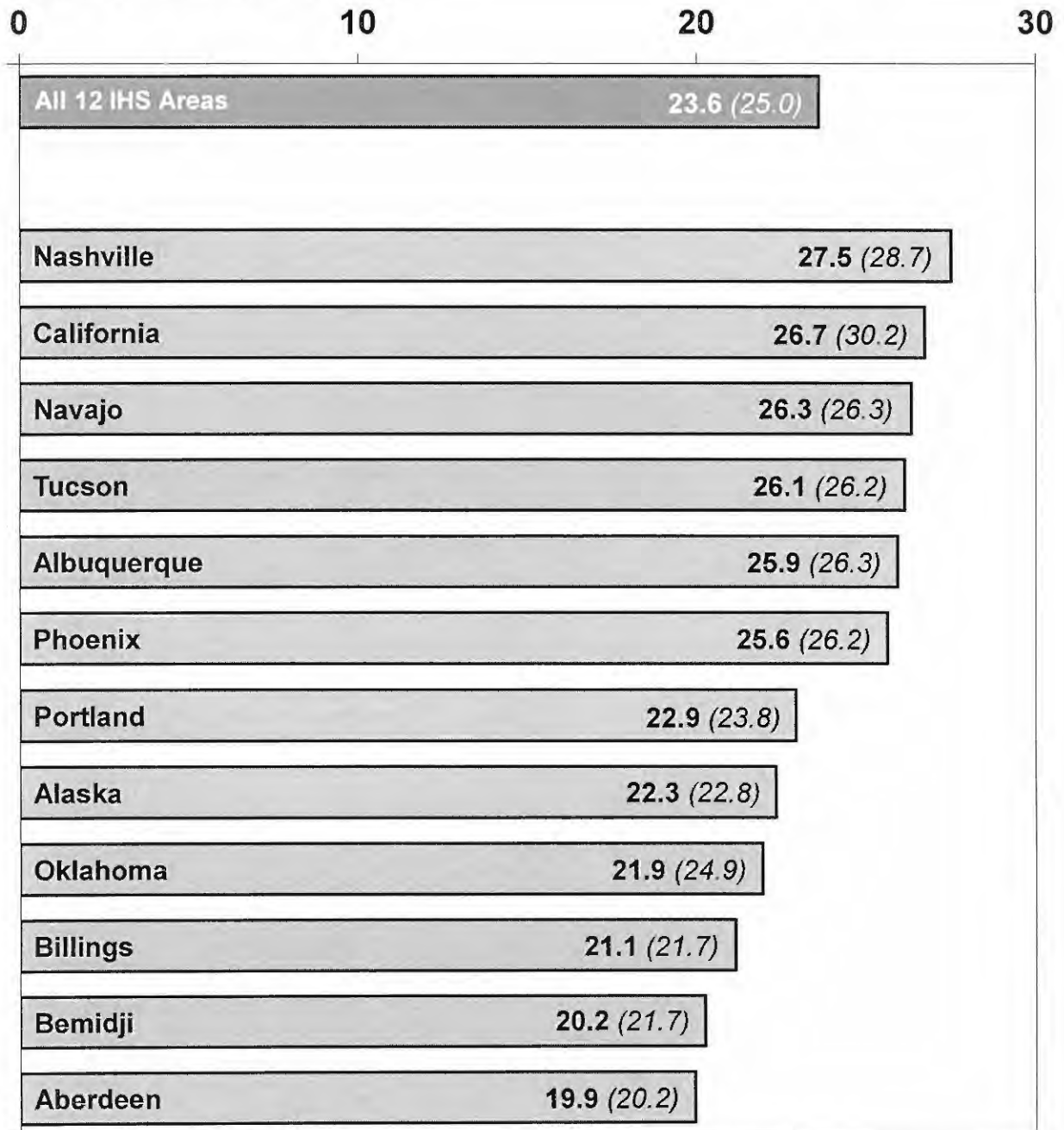
NOTE: Life expectancies **not** adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart D3. Life Expectancy at 60-64 Years, Females

CY 2005-2007(Adjusted)

U.S. All Races (2006) = 22.5
 U.S. White Population (2006) = 22.6
 U.S. Black Population (2006) = 21.1

Years of Life Remaining



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Table A1. Life Tables for American Indians and Alaska Natives, Both Sexes in All 12 IHS Areas, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008652	100,000	865	99,262	7,350,123	73.5
1-4 years	0.003463	99,135	343	395,714	7,250,861	73.1
5-9 years	0.001436	98,792	142	493,567	6,855,147	69.4
10-14 years	0.001613	98,650	159	492,947	6,361,580	64.5
15-19 years	0.007947	98,491	783	490,701	5,868,633	59.6
20-24 years	0.010833	97,708	1,058	486,000	5,377,932	55.0
25-29 years	0.012435	96,650	1,202	480,349	4,891,932	50.6
30-34 years	0.015583	95,448	1,487	473,682	4,411,583	46.2
35-39 years	0.019128	93,961	1,797	465,483	3,937,901	41.9
40-44 years	0.026127	92,164	2,408	455,049	3,472,418	37.7
45-49 years	0.031247	89,756	2,805	442,161	3,017,369	33.6
50-54 years	0.040950	86,951	3,561	426,342	2,575,208	29.6
55-59 years	0.054972	83,390	4,584	406,082	2,148,866	25.8
60-64 years	0.079807	78,806	6,289	378,971	1,742,784	22.1
65-69 years	0.112429	72,517	8,153	342,815	1,363,813	18.8
70-74 years	0.157073	64,364	10,110	297,133	1,020,998	15.9
75-79 years	0.205877	54,254	11,170	243,612	723,865	13.3
80-84 years	0.287256	43,084	12,376	184,337	480,253	11.1
85+ years	1.000000	30,708	30,708	295,916	295,916	9.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A2. Life Tables for American Indians and Alaska Natives, Both Sexes in Aberdeen Area, 2005-2007 (Adjusted¹⁾)

Period of life between exact ages stated in years (1)	Proportion of persons alive at beginning of age interval dying during interval (2)	Number of living at beginning of age interval (3)	Number dying during age interval (4)	Person-years lived in the age interval (5)	Total number of person-years lived in this and all subsequent age intervals (6)	Average number of years remaining at beginning of age interval (7)
x to $x+n$	nq_x	l_x	nd_x	nl_x	T_x	Ex
Under 1 year	0.011053	100,000	1,105	99,057	6,807,438	68.1
1-4 years	0.003415	98,895	338	394,766	6,708,381	67.8
5-9 years	0.000973	98,557	96	492,519	6,313,615	64.1
10-14 years	0.001565	98,461	154	492,011	5,821,096	59.1
15-19 years	0.011697	98,307	1,150	488,959	5,329,085	54.2
20-24 years	0.013799	97,157	1,341	482,565	4,840,126	49.8
25-29 years	0.013205	95,816	1,265	476,027	4,357,561	45.5
30-34 years	0.017965	94,551	1,699	468,690	3,881,534	41.1
35-39 years	0.025395	92,852	2,358	458,589	3,412,844	36.8
40-44 years	0.042630	90,494	3,858	443,224	2,954,255	32.6
45-49 years	0.039425	86,636	3,416	425,119	2,511,031	29.0
50-54 years	0.062234	83,220	5,179	403,865	2,085,912	25.1
55-59 years	0.087554	78,041	6,833	374,005	1,682,047	21.6
60-64 years	0.132078	71,208	9,405	333,519	1,308,042	18.4
65-69 years	0.167097	61,803	10,327	283,973	974,523	15.8
70-74 years	0.212667	51,476	10,947	230,649	690,550	13.4
75-79 years	0.268074	40,529	10,865	175,742	459,901	11.3
80-84 years	0.343535	29,664	10,191	122,725	284,159	9.6
85+ years	1.000000	19,473	19,473	161,434	161,434	8.3

Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A3. Life Tables for American Indians and Alaska Natives, Both Sexes in Alaska Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.010002	100,000	1,000	99,147	7,192,210	71.9
1-4 years	0.002340	99,000	232	395,441	7,093,063	71.6
5-9 years	0.002111	98,768	209	493,261	6,697,622	67.8
10-14 years	0.003331	98,559	328	492,169	6,204,361	63.0
15-19 years	0.009847	98,231	967	488,989	5,712,192	58.2
20-24 years	0.013173	97,264	1,281	483,244	5,223,203	53.7
25-29 years	0.015720	95,983	1,509	476,273	4,739,959	49.4
30-34 years	0.018900	94,474	1,786	468,097	4,263,686	45.1
35-39 years	0.022343	92,688	2,071	458,459	3,795,589	41.0
40-44 years	0.025614	90,617	2,321	447,523	3,337,130	36.8
45-49 years	0.031042	88,296	2,741	435,012	2,889,607	32.7
50-54 years	0.043681	85,555	3,737	418,947	2,454,595	28.7
55-59 years	0.051183	81,818	4,188	399,161	2,035,648	24.9
60-64 years	0.072359	77,630	5,617	374,700	1,636,487	21.1
65-69 years	0.105320	72,013	7,584	341,674	1,261,787	17.5
70-74 years	0.166623	64,429	10,735	295,932	920,113	14.3
75-79 years	0.231535	53,694	12,432	237,687	624,181	11.6
80-84 years	0.312058	41,262	12,876	173,971	386,494	9.4
85+ years	1.000000	28,386	28,386	212,523	212,523	7.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A4. Life Tables for American Indians and Alaska Natives, Both Sexes in Albuquerque Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007178	100,000	718	99,388	7,676,604	76.8
1-4 years	0.002633	99,282	261	396,499	7,577,216	76.3
5-9 years	0.000388	99,021	38	495,000	7,180,717	72.5
10-14 years	0.001396	98,983	138	494,652	6,685,717	67.5
15-19 years	0.004271	98,845	422	493,280	6,191,065	62.6
20-24 years	0.010202	98,423	1,004	489,704	5,697,785	57.9
25-29 years	0.010704	97,419	1,043	484,578	5,208,081	53.5
30-34 years	0.012642	96,376	1,218	478,966	4,723,503	49.0
35-39 years	0.020488	95,158	1,950	471,100	4,244,537	44.6
40-44 years	0.023345	93,208	2,176	460,825	3,773,437	40.5
45-49 years	0.029026	91,032	2,642	448,925	3,312,612	36.4
50-54 years	0.035529	88,390	3,140	434,532	2,863,687	32.4
55-59 years	0.036708	85,250	3,129	418,832	2,429,155	28.5
60-64 years	0.061219	82,121	5,027	398,568	2,010,323	24.5
65-69 years	0.086475	77,094	6,667	369,303	1,611,755	20.9
70-74 years	0.112813	70,427	7,945	332,735	1,242,452	17.6
75-79 years	0.160175	62,482	10,008	287,629	909,717	14.6
80-84 years	0.228170	52,474	11,973	232,299	622,088	11.9
85+ years	1.000000	40,501	40,501	389,789	389,789	9.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A5. Life Tables for American Indians and Alaska Natives, Both Sexes in Bemidji Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008741	100,000	874	99,254	7,021,216	70.2
1-4 years	0.003814	99,126	378	395,593	6,921,962	69.8
5-9 years	0.001153	98,748	114	493,424	6,526,369	66.1
10-14 years	0.001672	98,634	165	492,855	6,032,945	61.2
15-19 years	0.008169	98,469	804	490,544	5,540,090	56.3
20-24 years	0.012257	97,665	1,197	485,451	5,049,546	51.7
25-29 years	0.013073	96,468	1,261	479,297	4,564,095	47.3
30-34 years	0.015594	95,207	1,485	472,482	4,084,798	42.9
35-39 years	0.017761	93,722	1,665	464,606	3,612,316	38.5
40-44 years	0.026878	92,057	2,474	454,356	3,147,710	34.2
45-49 years	0.034452	89,583	3,086	440,633	2,693,354	30.1
50-54 years	0.051918	86,497	4,491	421,875	2,252,721	26.0
55-59 years	0.069582	82,006	5,706	396,502	1,830,846	22.3
60-64 years	0.111362	76,300	8,497	361,153	1,434,344	18.8
65-69 years	0.151931	67,803	10,301	314,036	1,073,191	15.8
70-74 years	0.206938	57,502	11,899	258,455	759,155	13.2
75-79 years	0.271035	45,603	12,360	197,410	500,700	11.0
80-84 years	0.370208	33,243	12,307	135,306	303,290	9.1
85+ years	1.000000	20,936	20,936	167,984	167,984	8.0

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A6. Life Tables for American Indians and Alaska Natives, Both Sexes in Billings Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.010086	100,000	1,009	99,139	6,892,062	68.9
1-4 years	0.003323	98,991	329	395,172	6,792,923	68.6
5-9 years	0.001890	98,662	187	492,792	6,397,751	64.8
10-14 years	0.001292	98,475	127	492,133	5,904,959	60.0
15-19 years	0.009594	98,348	944	489,625	5,412,826	55.0
20-24 years	0.018756	97,404	1,827	482,633	4,923,201	50.5
25-29 years	0.019975	95,577	1,909	473,278	4,440,568	46.5
30-34 years	0.022683	93,668	2,125	463,256	3,967,290	42.4
35-39 years	0.028733	91,543	2,630	451,390	3,504,034	38.3
40-44 years	0.038238	88,913	3,400	436,417	3,052,644	34.3
45-49 years	0.045102	85,513	3,857	418,463	2,616,227	30.6
50-54 years	0.045735	81,656	3,735	399,456	2,197,764	26.9
55-59 years	0.078027	77,921	6,080	375,190	1,798,308	23.1
60-64 years	0.100087	71,841	7,190	341,988	1,423,118	19.8
65-69 years	0.118675	64,651	7,672	304,651	1,081,130	16.7
70-74 years	0.183009	56,979	10,428	259,431	776,479	13.6
75-79 years	0.242762	46,551	11,301	204,773	517,048	11.1
80-84 years	0.409586	35,250	14,438	139,988	312,275	8.9
85+ years	1.000000	20,812	20,812	172,287	172,287	8.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A7. Life Tables for American Indians and Alaska Natives, Both Sexes in California Area, 2005-2007(Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007902	100,000	790	99,326	7,783,487	77.8
1-4 years	0.005279	99,210	524	395,578	7,684,161	77.5
5-9 years	0.000363	98,686	36	493,330	7,288,583	73.9
10-14 years	0.001991	98,650	196	492,876	6,795,253	68.9
15-19 years	0.006186	98,454	609	490,906	6,302,377	64.0
20-24 years	0.005070	97,845	496	488,034	5,811,471	59.4
25-29 years	0.009352	97,349	910	484,549	5,323,437	54.7
30-34 years	0.010665	96,439	1,028	479,735	4,838,888	50.2
35-39 years	0.013018	95,411	1,242	474,068	4,359,153	45.7
40-44 years	0.018253	94,169	1,719	466,725	3,885,085	41.3
45-49 years	0.020773	92,450	1,920	457,719	3,418,360	37.0
50-54 years	0.033002	90,530	2,988	445,591	2,960,641	32.7
55-59 years	0.043084	87,542	3,772	428,767	2,515,050	28.7
60-64 years	0.066602	83,770	5,579	405,491	2,086,283	24.9
65-69 years	0.095949	78,191	7,502	372,763	1,680,792	21.5
70-74 years	0.143315	70,689	10,131	328,707	1,308,029	18.5
75-79 years	0.186459	60,558	11,292	274,830	979,322	16.2
80-84 years	0.232727	49,266	11,466	217,533	704,492	14.3
85+ years	1.000000	37,800	37,800	486,959	486,959	12.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A8. Life Tables for American Indians and Alaska Natives, Both Sexes in Nashville Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.011105	100,000	1,111	99,052	8,002,156	80.0
1-4 years	0.003264	98,889	323	394,778	7,903,104	79.9
5-9 years	0.000375	98,566	37	492,728	7,508,326	76.2
10-14 years	0.000876	98,529	86	492,481	7,015,598	71.2
15-19 years	0.004335	98,443	427	491,259	6,523,117	66.3
20-24 years	0.008480	98,016	831	488,085	6,031,858	61.5
25-29 years	0.005895	97,185	573	484,542	5,543,773	57.0
30-34 years	0.012622	96,612	1,219	480,143	5,059,231	52.4
35-39 years	0.009860	95,393	941	474,702	4,579,088	48.0
40-44 years	0.016588	94,452	1,567	468,505	4,104,386	43.5
45-49 years	0.024030	92,885	2,232	459,158	3,635,881	39.1
50-54 years	0.031039	90,653	2,814	446,617	3,176,723	35.0
55-59 years	0.042332	87,839	3,718	430,380	2,730,106	31.1
60-64 years	0.065856	84,121	5,540	407,339	2,299,726	27.3
65-69 years	0.095176	78,581	7,479	374,769	1,892,387	24.1
70-74 years	0.122804	71,102	8,732	334,188	1,517,618	21.3
75-79 years	0.166895	62,370	10,409	286,076	1,183,430	19.0
80-84 years	0.193502	51,961	10,055	234,552	897,354	17.3
85+ years	1.000000	41,906	41,906	662,802	662,802	15.8

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A9. Life Tables for American Indians and Alaska Natives, Both Sexes in Navajo Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007325	100,000	733	99,375	7,563,921	75.6
1-4 years	0.002715	99,267	270	396,418	7,464,546	75.2
5-9 years	0.001290	98,997	128	494,631	7,068,128	71.4
10-14 years	0.001409	98,869	139	494,080	6,573,497	66.5
15-19 years	0.008021	98,730	792	491,876	6,079,417	61.6
20-24 years	0.012169	97,938	1,192	486,828	5,587,541	57.1
25-29 years	0.014837	96,746	1,435	480,267	5,100,713	52.7
30-34 years	0.020888	95,311	1,991	471,791	4,620,446	48.5
35-39 years	0.021755	93,320	2,030	461,718	4,148,655	44.5
40-44 years	0.025988	91,290	2,372	450,765	3,686,937	40.4
45-49 years	0.027277	88,918	2,425	438,867	3,236,172	36.4
50-54 years	0.031564	86,493	2,730	426,016	2,797,305	32.3
55-59 years	0.038467	83,763	3,222	411,176	2,371,289	28.3
60-64 years	0.055396	80,541	4,462	392,020	1,960,113	24.3
65-69 years	0.074184	76,079	5,644	366,709	1,568,093	20.6
70-74 years	0.115920	70,435	8,165	332,237	1,201,384	17.1
75-79 years	0.148179	62,270	9,227	288,503	869,147	14.0
80-84 years	0.241757	53,043	12,823	233,010	580,644	10.9
85+ years	1.000000	40,220	40,220	347,634	347,634	8.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A10. Life Tables for American Indians and Alaska Natives, Both Sexes in Oklahoma Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008522	100,000	852	99,273	7,050,874	70.5
1-4 years	0.004841	99,148	480	395,436	6,951,601	70.1
5-9 years	0.002574	98,668	254	492,637	6,556,165	66.4
10-14 years	0.001566	98,414	154	491,776	6,063,528	61.6
15-19 years	0.008809	98,260	866	489,360	5,571,752	56.7
20-24 years	0.011718	97,394	1,141	484,230	5,082,392	52.2
25-29 years	0.015765	96,253	1,517	477,604	4,598,162	47.8
30-34 years	0.019191	94,736	1,818	469,330	4,120,558	43.5
35-39 years	0.021124	92,918	1,963	459,869	3,651,228	39.3
40-44 years	0.032494	90,955	2,955	447,693	3,191,359	35.1
45-49 years	0.038399	88,000	3,379	432,026	2,743,666	31.2
50-54 years	0.048451	84,621	4,100	413,419	2,311,640	27.3
55-59 years	0.070200	80,521	5,653	389,203	1,898,221	23.6
60-64 years	0.094994	74,868	7,112	357,310	1,509,018	20.2
65-69 years	0.139325	67,756	9,440	315,889	1,151,708	17.0
70-74 years	0.192328	58,316	11,216	264,192	835,819	14.3
75-79 years	0.247818	47,100	11,672	206,599	571,627	12.1
80-84 years	0.335567	35,428	11,888	147,283	365,028	10.3
85+ years	1.000000	23,540	23,540	217,745	217,745	9.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A11. Life Tables for American Indians and Alaska Natives, Both Sexes in Phoenix Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007005	100,000	701	99,402	7,606,395	76.1
1-4 years	0.003150	99,299	313	396,442	7,506,993	75.6
5-9 years	0.001153	98,986	114	494,614	7,110,551	71.8
10-14 years	0.001592	98,872	157	494,061	6,615,937	66.9
15-19 years	0.007131	98,715	704	491,998	6,121,876	62.0
20-24 years	0.009458	98,011	927	487,829	5,629,878	57.4
25-29 years	0.009650	97,084	937	483,159	5,142,049	53.0
30-34 years	0.012939	96,147	1,244	477,759	4,658,890	48.5
35-39 years	0.019222	94,903	1,824	470,128	4,181,131	44.1
40-44 years	0.024737	93,079	2,302	459,878	3,711,003	39.9
45-49 years	0.032542	90,777	2,954	446,914	3,251,125	35.8
50-54 years	0.040212	87,823	3,532	430,771	2,804,211	31.9
55-59 years	0.054036	84,291	4,555	410,656	2,373,440	28.2
60-64 years	0.067943	79,736	5,418	385,706	1,962,784	24.6
65-69 years	0.109937	74,318	8,170	351,778	1,577,078	21.2
70-74 years	0.121165	66,148	8,015	311,169	1,225,300	18.5
75-79 years	0.147320	58,133	8,564	269,460	914,131	15.7
80-84 years	0.224241	49,569	11,115	219,929	644,671	13.0
85+ years	1.000000	38,454	38,454	424,742	424,742	11.0

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A12. Life Tables for American Indians and Alaska Natives, Both Sexes in Portland Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008659	100,000	866	99,261	7,493,323	74.9
1-4 years	0.003036	99,134	301	395,811	7,394,062	74.6
5-9 years	0.001627	98,833	161	493,719	6,998,251	70.8
10-14 years	0.001103	98,672	109	493,152	6,504,532	65.9
15-19 years	0.007728	98,563	762	491,108	6,011,380	61.0
20-24 years	0.009041	97,801	884	486,883	5,520,272	56.4
25-29 years	0.010195	96,917	988	482,200	5,033,389	51.9
30-34 years	0.010564	95,929	1,013	477,221	4,551,189	47.4
35-39 years	0.015393	94,916	1,461	471,066	4,073,968	42.9
40-44 years	0.018659	93,455	1,744	463,095	3,602,902	38.6
45-49 years	0.027142	91,711	2,489	452,681	3,139,807	34.2
50-54 years	0.034927	89,222	3,116	438,749	2,687,126	30.1
55-59 years	0.044966	86,106	3,872	421,350	2,248,377	26.1
60-64 years	0.074101	82,234	6,094	396,578	1,827,027	22.2
65-69 years	0.099533	76,140	7,578	362,324	1,430,449	18.8
70-74 years	0.151491	68,562	10,387	317,447	1,068,125	15.6
75-79 years	0.210138	58,175	12,225	260,605	750,678	12.9
80-84 years	0.303926	45,950	13,965	194,676	490,073	10.7
85+ years	1.000000	31,985	31,985	295,397	295,397	9.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A13. Life Tables for American Indians and Alaska Natives, Both Sexes in Tucson Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008606	100,000	861	99,266	7,347,604	73.5
1-4 years	0.000547	99,139	54	396,426	7,248,338	73.1
5-9 years	0.002137	99,085	212	494,838	6,851,912	69.2
10-14 years	0.001509	98,873	149	494,081	6,357,074	64.3
15-19 years	0.009795	98,724	967	491,454	5,862,993	59.4
20-24 years	0.012921	97,757	1,263	485,753	5,371,539	54.9
25-29 years	0.012551	96,494	1,211	479,547	4,885,786	50.6
30-34 years	0.013856	95,283	1,320	473,257	4,406,239	46.2
35-39 years	0.027144	93,963	2,551	463,680	3,932,982	41.9
40-44 years	0.034284	91,412	3,134	449,549	3,469,302	38.0
45-49 years	0.034767	88,278	3,069	434,148	3,019,753	34.2
50-54 years	0.047473	85,209	4,045	416,489	2,585,605	30.3
55-59 years	0.058798	81,164	4,772	394,506	2,169,116	26.7
60-64 years	0.084059	76,392	6,421	366,585	1,774,610	23.2
65-69 years	0.108741	69,971	7,609	331,404	1,408,025	20.1
70-74 years	0.147476	62,362	9,197	289,352	1,076,621	17.3
75-79 years	0.193029	53,165	10,262	240,415	787,269	14.8
80-84 years	0.284804	42,903	12,219	183,827	546,854	12.7
85+ years	1.000000	30,684	30,684	363,027	363,027	11.8

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A14. Life Tables for American Indians and Alaska Natives, Males in All 12 IHS Areas, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.009909	100,000	991	99,151	7,017,187	70.2
1-4 years	0.003944	99,009	390	395,110	6,918,036	69.9
5-9 years	0.001543	98,619	152	492,673	6,522,926	66.1
10-14 years	0.001916	98,467	189	492,011	6,030,253	61.2
15-19 years	0.009910	98,278	974	489,219	5,538,242	56.4
20-24 years	0.014942	97,304	1,454	483,010	5,049,023	51.9
25-29 years	0.016916	95,850	1,621	475,306	4,566,013	47.6
30-34 years	0.019868	94,229	1,872	466,652	4,090,707	43.4
35-39 years	0.024111	92,357	2,227	456,406	3,624,055	39.2
40-44 years	0.032746	90,130	2,951	443,527	3,167,649	35.1
45-49 years	0.038832	87,179	3,385	427,843	2,724,122	31.2
50-54 years	0.052290	83,794	4,382	408,582	2,296,279	27.4
55-59 years	0.067841	79,412	5,387	384,233	1,887,697	23.8
60-64 years	0.093549	74,025	6,925	353,432	1,503,464	20.3
65-69 years	0.128032	67,100	8,591	314,509	1,150,032	17.1
70-74 years	0.184475	58,509	10,793	265,902	835,523	14.3
75-79 years	0.231774	47,716	11,059	210,722	569,621	11.9
80-84 years	0.320609	36,657	11,753	153,082	358,899	9.8
85+ years	1.000000	24,904	24,904	205,817	205,817	8.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A15. Life Tables for American Indians and Alaska Natives, Males in Aberdeen Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.013145	100,000	1,315	98,873	6,418,692	64.2
1-4 years	0.003798	98,685	375	393,849	6,319,819	64.0
5-9 years	0.001363	98,310	134	491,178	5,925,970	60.3
10-14 years	0.002320	98,176	228	490,489	5,434,792	55.4
15-19 years	0.017342	97,948	1,699	485,953	4,944,303	50.5
20-24 years	0.018373	96,249	1,768	476,977	4,458,350	46.3
25-29 years	0.021682	94,481	2,049	467,420	3,981,373	42.1
30-34 years	0.021208	92,432	1,960	457,455	3,513,953	38.0
35-39 years	0.033312	90,472	3,014	445,079	3,056,498	33.8
40-44 years	0.054327	87,458	4,751	425,823	2,611,419	29.9
45-49 years	0.052138	82,707	4,312	403,278	2,185,596	26.4
50-54 years	0.081667	78,395	6,402	376,798	1,782,318	22.7
55-59 years	0.103540	71,993	7,454	342,216	1,405,520	19.5
60-64 years	0.151930	64,539	9,805	299,059	1,063,304	16.5
65-69 years	0.189332	54,734	10,363	248,350	764,245	14.0
70-74 years	0.263283	44,371	11,682	193,018	515,895	11.6
75-79 years	0.310367	32,689	10,146	137,887	322,877	9.9
80-84 years	0.388037	22,543	8,748	90,234	184,990	8.2
85+ years	1.000000	13,795	13,795	94,756	94,756	6.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A16. Life Tables for American Indians and Alaska Natives, Males in Alaska Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.011037	100,000	1,104	99,054	6,900,132	69.0
1-4 years	0.003464	98,896	343	394,769	6,801,078	68.8
5-9 years	0.002161	98,553	213	492,174	6,406,309	65.0
10-14 years	0.004312	98,340	424	490,972	5,914,135	60.1
15-19 years	0.012909	97,916	1,264	486,763	5,423,163	55.4
20-24 years	0.019794	96,652	1,913	478,642	4,936,400	51.1
25-29 years	0.020735	94,739	1,964	468,917	4,457,758	47.1
30-34 years	0.022041	92,775	2,045	458,966	3,988,841	43.0
35-39 years	0.023107	90,730	2,096	448,587	3,529,875	38.9
40-44 years	0.029218	88,634	2,590	436,919	3,081,288	34.8
45-49 years	0.034921	86,044	3,005	423,072	2,644,369	30.7
50-54 years	0.055705	83,039	4,626	404,229	2,221,297	26.8
55-59 years	0.061734	78,413	4,841	380,538	1,817,068	23.2
60-64 years	0.076503	73,572	5,628	354,293	1,436,530	19.5
65-69 years	0.097537	67,944	6,627	323,528	1,082,237	15.9
70-74 years	0.222799	61,317	13,661	272,863	758,709	12.4
75-79 years	0.262666	47,656	12,518	206,747	485,846	10.2
80-84 years	0.335702	35,138	11,796	145,376	279,099	7.9
85+ years	1.000000	23,342	23,342	133,723	133,723	5.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A17. Life Tables for American Indians and Alaska Natives, Males in Albuquerque Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008458	100,000	846	99,275	7,277,654	72.8
1-4 years	0.003023	99,154	300	395,904	7,178,379	72.4
5-9 years	0.000387	98,854	38	494,165	6,782,475	68.6
10-14 years	0.001756	98,816	174	493,781	6,288,310	63.6
15-19 years	0.004955	98,642	489	492,120	5,794,529	58.7
20-24 years	0.017565	98,153	1,724	486,603	5,302,409	54.0
25-29 years	0.014576	96,429	1,406	478,724	4,815,806	49.9
30-34 years	0.020022	95,023	1,903	470,547	4,337,082	45.6
35-39 years	0.027999	93,120	2,607	459,303	3,866,535	41.5
40-44 years	0.035532	90,513	3,216	444,803	3,407,232	37.6
45-49 years	0.033793	87,297	2,950	429,468	2,962,429	33.9
50-54 years	0.047992	84,347	4,048	412,139	2,532,961	30.0
55-59 years	0.049039	80,299	3,938	392,118	2,120,822	26.4
60-64 years	0.083784	76,361	6,398	366,382	1,728,704	22.6
65-69 years	0.102459	69,963	7,168	332,301	1,362,322	19.5
70-74 years	0.130522	62,795	8,196	293,743	1,030,021	16.4
75-79 years	0.170611	54,599	9,315	249,530	736,278	13.5
80-84 years	0.247878	45,284	11,225	197,574	486,748	10.7
85+ years	1.000000	34,059	34,059	289,174	289,174	8.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A18. Life Tables for American Indians and Alaska Natives, Males in Bemidji Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008870	100,000	887	99,240	6,753,478	67.5
1-4 years	0.004842	99,113	480	395,312	6,654,238	67.1
5-9 years	0.001951	98,633	192	492,632	6,258,926	63.5
10-14 years	0.002073	98,441	204	491,855	5,766,294	58.6
15-19 years	0.009919	98,237	974	489,014	5,274,439	53.7
20-24 years	0.016022	97,263	1,558	482,554	4,785,425	49.2
25-29 years	0.019890	95,705	1,904	473,893	4,302,871	45.0
30-34 years	0.015012	93,801	1,408	465,625	3,828,978	40.8
35-39 years	0.018657	92,393	1,724	457,801	3,363,353	36.4
40-44 years	0.033221	90,669	3,012	446,075	2,905,552	32.0
45-49 years	0.041118	87,657	3,604	429,713	2,459,477	28.1
50-54 years	0.063356	84,053	5,325	407,642	2,029,764	24.1
55-59 years	0.081405	78,728	6,409	378,379	1,622,122	20.6
60-64 years	0.126968	72,319	9,182	339,461	1,243,743	17.2
65-69 years	0.170328	63,137	10,754	289,409	904,282	14.3
70-74 years	0.252430	52,383	13,223	229,274	614,873	11.7
75-79 years	0.321601	39,160	12,594	164,076	385,599	9.8
80-84 years	0.376158	26,566	9,993	107,150	221,523	8.3
85+ years	1.000000	16,573	16,573	114,373	114,373	6.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A19. Life Tables for American Indians and Alaska Natives, Males in Billings Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.012756	100,000	1,276	98,906	6,576,387	65.8
1-4 years	0.005193	98,724	513	393,678	6,477,481	65.6
5-9 years	0.002077	98,211	204	490,489	6,083,803	61.9
10-14 years	0.001021	98,007	100	489,863	5,593,314	57.1
15-19 years	0.008192	97,907	802	487,748	5,103,451	52.1
20-24 years	0.026410	97,105	2,565	479,333	4,615,703	47.5
25-29 years	0.024381	94,540	2,305	467,092	4,136,370	43.8
30-34 years	0.029217	92,235	2,695	454,706	3,669,278	39.8
35-39 years	0.038010	89,540	3,403	439,480	3,214,572	35.9
40-44 years	0.043946	86,137	3,785	421,549	2,775,092	32.2
45-49 years	0.063341	82,352	5,216	399,353	2,353,543	28.6
50-54 years	0.051972	77,136	4,009	376,176	1,954,190	25.3
55-59 years	0.082072	73,127	6,002	351,343	1,578,014	21.6
60-64 years	0.121988	67,125	8,188	315,887	1,226,671	18.3
65-69 years	0.127481	58,937	7,513	276,328	910,784	15.5
70-74 years	0.222051	51,424	11,419	228,932	634,456	12.3
75-79 years	0.273487	40,005	10,941	172,465	405,524	10.1
80-84 years	0.417256	29,064	12,127	114,156	233,059	8.0
85+ years	1.000000	16,937	16,937	118,903	118,903	7.0

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A20. Life Tables for American Indians and Alaska Natives, Males in California Area, 2005-2007(Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008759	100,000	876	99,249	7,474,116	74.7
1-4 years	0.005207	99,124	516	395,271	7,374,867	74.4
5-9 years	0.000000	98,608	0	493,040	6,979,596	70.8
10-14 years	0.001555	98,608	153	492,777	6,486,556	65.8
15-19 years	0.007001	98,455	689	490,739	5,993,779	60.9
20-24 years	0.006565	97,766	642	487,280	5,503,040	56.3
25-29 years	0.011301	97,124	1,098	482,949	5,015,760	51.6
30-34 years	0.013779	96,026	1,323	476,954	4,532,811	47.2
35-39 years	0.017316	94,703	1,640	469,553	4,055,857	42.8
40-44 years	0.020246	93,063	1,884	460,768	3,586,304	38.5
45-49 years	0.029911	91,179	2,727	449,409	3,125,536	34.3
50-54 years	0.040365	88,452	3,570	433,797	2,676,127	30.3
55-59 years	0.053224	84,882	4,518	413,652	2,242,330	26.4
60-64 years	0.073399	80,364	5,899	387,600	1,828,678	22.8
65-69 years	0.117409	74,465	8,743	350,963	1,441,078	19.4
70-74 years	0.168005	65,722	11,042	301,353	1,090,115	16.6
75-79 years	0.200812	54,680	10,980	245,741	788,762	14.4
80-84 years	0.291285	43,700	12,729	185,788	543,021	12.4
85+ years	1.000000	30,971	30,971	357,233	357,233	11.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A21. Life Tables for American Indians and Alaska Natives, Males in Nashville Area, 2005-2007 (Adjusted¹¹)

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.013090	100,000	1,309	98,878	7,877,708	78.8
1-4 years	0.003736	98,691	369	393,888	7,778,830	78.8
5-9 years	0.000365	98,322	36	491,510	7,384,942	75.1
10-14 years	0.001050	98,286	103	491,253	6,893,432	70.1
15-19 years	0.004522	98,183	444	489,925	6,402,179	65.2
20-24 years	0.011186	97,739	1,093	486,056	5,912,254	60.5
25-29 years	0.009229	96,646	892	481,060	5,426,198	56.1
30-34 years	0.015683	95,754	1,502	475,165	4,945,138	51.6
35-39 years	0.010537	94,252	993	468,861	4,469,973	47.4
40-44 years	0.020097	93,259	1,874	461,772	4,001,112	42.9
45-49 years	0.026615	91,385	2,432	451,140	3,539,340	38.7
50-54 years	0.044366	88,953	3,946	435,411	3,088,200	34.7
55-59 years	0.058176	85,007	4,945	413,260	2,652,789	31.2
60-64 years	0.082804	80,062	6,629	384,330	2,239,529	28.0
65-69 years	0.100072	73,433	7,349	349,209	1,855,199	25.3
70-74 years	0.125155	66,084	8,271	310,003	1,505,990	22.8
75-79 years	0.191833	57,813	11,090	261,129	1,195,987	20.7
80-84 years	0.207038	46,723	9,673	208,757	934,858	20.0
85+ years	1.000000	37,050	37,050	726,101	726,101	19.6

¹¹ Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A22. Life Tables for American Indians and Alaska Natives, Males in Navajo Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008792	100,000	879	99,247	7,044,404	70.4
1-4 years	0.002937	99,121	291	395,793	6,945,157	70.1
5-9 years	0.001596	98,830	158	493,711	6,549,364	66.3
10-14 years	0.001996	98,672	197	493,022	6,055,653	61.4
15-19 years	0.010523	98,475	1,036	490,066	5,562,631	56.5
20-24 years	0.017555	97,439	1,710	483,067	5,072,565	52.1
25-29 years	0.023085	95,729	2,210	473,269	4,589,498	47.9
30-34 years	0.032954	93,519	3,082	460,197	4,116,229	44.0
35-39 years	0.034117	90,437	3,085	444,733	3,656,032	40.4
40-44 years	0.039000	87,352	3,407	428,537	3,211,299	36.8
45-49 years	0.037927	83,945	3,184	412,152	2,782,762	33.1
50-54 years	0.048377	80,761	3,907	394,543	2,370,610	29.4
55-59 years	0.055407	76,854	4,258	374,131	1,976,067	25.7
60-64 years	0.072595	72,596	5,270	350,276	1,601,936	22.1
65-69 years	0.095107	67,326	6,403	320,985	1,251,660	18.6
70-74 years	0.137950	60,923	8,404	283,870	930,675	15.3
75-79 years	0.175143	52,519	9,198	239,425	646,805	12.3
80-84 years	0.286077	43,321	12,393	184,757	407,380	9.4
85+ years	1.000000	30,928	30,928	222,623	222,623	7.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A23. Life Tables for American Indians and Alaska Natives, Males in Oklahoma Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.009818	100,000	982	99,158	6,743,670	67.4
1-4 years	0.005203	99,018	515	394,849	6,644,512	67.1
5-9 years	0.002471	98,503	243	491,840	6,249,663	63.4
10-14 years	0.001754	98,260	172	491,005	5,757,823	58.6
15-19 years	0.010192	98,088	1,000	488,211	5,266,818	53.7
20-24 years	0.014288	97,088	1,387	482,092	4,778,607	49.2
25-29 years	0.018403	95,701	1,761	474,221	4,296,515	44.9
30-34 years	0.023956	93,940	2,250	464,299	3,822,294	40.7
35-39 years	0.024676	91,690	2,262	452,986	3,357,995	36.6
40-44 years	0.037537	89,428	3,357	439,037	2,905,009	32.5
45-49 years	0.044361	86,071	3,818	421,273	2,465,972	28.7
50-54 years	0.060421	82,253	4,970	399,483	2,044,699	24.9
55-59 years	0.088117	77,283	6,810	370,199	1,645,216	21.3
60-64 years	0.110359	70,473	7,777	333,618	1,275,017	18.1
65-69 years	0.168411	62,696	10,559	287,681	941,399	15.0
70-74 years	0.225145	52,137	11,738	231,710	653,718	12.5
75-79 years	0.277767	40,399	11,221	173,729	422,008	10.4
80-84 years	0.392974	29,178	11,466	116,424	248,279	8.5
85+ years	1.000000	17,712	17,712	131,855	131,855	7.4

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A24. Life Tables for American Indians and Alaska Natives, Males in Phoenix Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007438	100,000	744	99,362	7,284,957	72.8
1-4 years	0.003719	99,256	369	396,148	7,185,595	72.4
5-9 years	0.001144	98,887	113	494,121	6,789,447	68.7
10-14 years	0.001944	98,774	192	493,540	6,295,326	63.7
15-19 years	0.009709	98,582	957	490,777	5,801,786	58.9
20-24 years	0.014097	97,625	1,376	484,803	5,311,009	54.4
25-29 years	0.013575	96,249	1,307	478,065	4,826,206	50.1
30-34 years	0.016910	94,942	1,606	470,855	4,348,141	45.8
35-39 years	0.024496	93,336	2,286	461,158	3,877,286	41.5
40-44 years	0.033170	91,050	3,020	447,961	3,416,128	37.5
45-49 years	0.041203	88,030	3,627	431,523	2,968,167	33.7
50-54 years	0.052475	84,403	4,429	411,516	2,536,644	30.1
55-59 years	0.066426	79,974	5,312	387,221	2,125,128	26.6
60-64 years	0.079870	74,662	5,963	358,936	1,737,907	23.3
65-69 years	0.116261	68,699	7,987	323,980	1,378,971	20.1
70-74 years	0.134447	60,712	8,163	283,410	1,054,991	17.4
75-79 years	0.150783	52,549	7,924	242,784	771,581	14.7
80-84 years	0.223924	44,625	9,993	197,445	528,797	11.8
85+ years	1.000000	34,632	34,632	331,352	331,352	9.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A25. Life Tables for American Indians and Alaska Natives, Males in Portland Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.010229	100,000	1,023	99,123	7,288,337	72.9
1-4 years	0.002971	98,977	294	395,210	7,189,214	72.6
5-9 years	0.002136	98,683	211	492,829	6,794,004	68.8
10-14 years	0.001381	98,472	136	492,127	6,301,175	64.0
15-19 years	0.010004	98,336	984	489,487	5,809,048	59.1
20-24 years	0.012191	97,352	1,187	483,894	5,319,561	54.6
25-29 years	0.015074	96,165	1,450	477,297	4,835,667	50.3
30-34 years	0.011110	94,715	1,052	471,050	4,358,370	46.0
35-39 years	0.018786	93,663	1,760	464,064	3,887,320	41.5
40-44 years	0.020910	91,903	1,922	454,876	3,423,256	37.2
45-49 years	0.032793	89,981	2,951	442,886	2,968,380	33.0
50-54 years	0.038643	87,030	3,363	427,178	2,525,494	29.0
55-59 years	0.049210	83,667	4,117	408,532	2,098,316	25.1
60-64 years	0.082020	79,550	6,525	382,021	1,689,784	21.2
65-69 years	0.100621	73,025	7,348	347,171	1,307,763	17.9
70-74 years	0.157824	65,677	10,365	302,799	960,592	14.6
75-79 years	0.234633	55,312	12,978	243,868	657,793	11.9
80-84 years	0.299743	42,334	12,689	179,061	413,925	9.8
85+ years	1.000000	29,645	29,645	234,864	234,864	7.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A26. Life Tables for American Indians and Alaska Natives, Males in Tucson Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008516	100,000	852	99,270	6,861,901	68.6
1-4 years	0.001027	99,148	102	396,350	6,762,631	68.2
5-9 years	0.001040	99,046	103	494,944	6,366,281	64.3
10-14 years	0.000978	98,943	97	494,549	5,871,337	59.3
15-19 years	0.012758	98,846	1,261	491,420	5,376,788	54.4
20-24 years	0.019987	97,585	1,950	483,218	4,885,368	50.1
25-29 years	0.015454	95,635	1,478	474,579	4,402,150	46.0
30-34 years	0.017012	94,157	1,602	466,940	3,927,571	41.7
35-39 years	0.039488	92,555	3,655	453,946	3,460,631	37.4
40-44 years	0.053186	88,900	4,728	433,088	3,006,685	33.8
45-49 years	0.046596	84,172	3,922	411,531	2,573,597	30.6
50-54 years	0.062071	80,250	4,981	389,442	2,162,066	26.9
55-59 years	0.074887	75,269	5,637	362,922	1,772,624	23.6
60-64 years	0.094233	69,632	6,562	332,342	1,409,702	20.2
65-69 years	0.130939	63,070	8,258	295,173	1,077,360	17.1
70-74 years	0.207365	54,812	11,366	246,003	782,187	14.3
75-79 years	0.241531	43,446	10,494	190,796	536,184	12.3
80-84 years	0.349839	32,952	11,528	135,135	345,388	10.5
85+ years	1.000000	21,424	21,424	210,253	210,253	9.8

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A27. Life Tables for American Indians and Alaska Natives, Females in All 12 IHS Areas, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007360	100,000	736	99,376	7,678,118	76.8
1-4 years	0.002953	99,264	293	396,339	7,578,742	76.3
5-9 years	0.001320	98,971	131	494,492	7,182,403	72.6
10-14 years	0.001319	98,840	130	493,906	6,687,911	67.7
15-19 years	0.005844	98,710	577	492,241	6,194,005	62.7
20-24 years	0.006586	98,133	646	489,148	5,701,764	58.1
25-29 years	0.007777	97,487	758	485,650	5,212,616	53.5
30-34 years	0.011273	96,729	1,090	481,058	4,726,966	48.9
35-39 years	0.014210	95,639	1,359	474,956	4,245,908	44.4
40-44 years	0.019792	94,280	1,866	466,980	3,770,952	40.0
45-49 years	0.024257	92,414	2,242	456,838	3,303,972	35.8
50-54 years	0.030689	90,172	2,767	444,361	2,847,134	31.6
55-59 years	0.043022	87,405	3,760	428,182	2,402,773	27.5
60-64 years	0.067563	83,645	5,651	404,803	1,974,591	23.6
65-69 years	0.098823	77,994	7,708	371,432	1,569,788	20.1
70-74 years	0.137295	70,286	9,650	328,156	1,198,356	17.0
75-79 years	0.185360	60,636	11,239	275,780	870,200	14.4
80-84 years	0.263585	49,397	13,020	214,868	594,420	12.0
85+ years	1.000000	36,377	36,377	379,552	379,552	10.4

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A28. Life Tables for American Indians and Alaska Natives, Females in Aberdeen Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008920	100,000	892	99,244	7,193,365	71.9
1-4 years	0.003000	99,108	297	395,705	7,094,121	71.6
5-9 years	0.000566	98,811	56	493,900	6,698,416	67.8
10-14 years	0.000799	98,755	79	493,597	6,204,516	62.8
15-19 years	0.005793	98,676	572	492,082	5,710,919	57.9
20-24 years	0.009167	98,104	899	488,410	5,218,837	53.2
25-29 years	0.005205	97,205	506	484,833	4,730,427	48.7
30-34 years	0.015122	96,699	1,462	480,025	4,245,594	43.9
35-39 years	0.018150	95,237	1,729	472,064	3,765,569	39.5
40-44 years	0.031474	93,508	2,943	460,569	3,293,505	35.2
45-49 years	0.028103	90,565	2,545	446,885	2,832,936	31.3
50-54 years	0.045916	88,020	4,042	430,607	2,386,051	27.1
55-59 years	0.073177	83,978	6,145	405,438	1,955,444	23.3
60-64 years	0.115255	77,833	8,971	367,857	1,550,006	19.9
65-69 years	0.148727	68,862	10,242	319,677	1,182,149	17.2
70-74 years	0.178880	58,620	10,486	267,810	862,472	14.7
75-79 years	0.237407	48,134	11,427	212,812	594,662	12.4
80-84 years	0.315445	36,707	11,579	154,973	381,850	10.4
85+ years	1.000000	25,128	25,128	226,877	226,877	9.0

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A29. Life Tables for American Indians and Alaska Natives, Females in Alaska Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008874	100,000	887	99,248	7,482,129	74.8
1-4 years	0.001138	99,113	113	396,176	7,382,881	74.5
5-9 years	0.002047	99,000	203	494,437	6,986,705	70.6
10-14 years	0.002341	98,797	231	493,463	6,492,268	65.7
15-19 years	0.006583	98,566	649	491,357	5,998,805	60.9
20-24 years	0.005736	97,917	562	488,266	5,507,448	56.2
25-29 years	0.010363	97,355	1,009	484,399	5,019,182	51.6
30-34 years	0.015760	96,346	1,518	478,127	4,534,783	47.1
35-39 years	0.021615	94,828	2,050	469,254	4,056,656	42.8
40-44 years	0.022036	92,778	2,044	459,048	3,587,402	38.7
45-49 years	0.027430	90,734	2,489	447,861	3,128,354	34.5
50-54 years	0.032248	88,245	2,846	434,541	2,680,493	30.4
55-59 years	0.040941	85,399	3,496	418,773	2,245,952	26.3
60-64 years	0.068477	81,903	5,608	396,195	1,827,179	22.3
65-69 years	0.113040	76,295	8,624	360,733	1,430,984	18.8
70-74 years	0.123589	67,671	8,363	318,185	1,070,251	15.8
75-79 years	0.204510	59,308	12,129	266,971	752,066	12.7
80-84 years	0.292999	47,179	13,823	201,797	485,095	10.3
85+ years	1.000000	33,356	33,356	283,298	283,298	8.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A30. Life Tables for American Indians and Alaska Natives, Females in Albuquerque Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.005904	100,000	590	99,500	8,054,805	80.5
1-4 years	0.002237	99,410	222	397,097	7,955,305	80.0
5-9 years	0.000388	99,188	39	495,832	7,558,208	76.2
10-14 years	0.001051	99,149	104	495,510	7,062,376	71.2
15-19 years	0.003567	99,045	353	494,424	6,566,866	66.3
20-24 years	0.002983	98,692	294	492,770	6,072,442	61.5
25-29 years	0.006915	98,398	680	490,389	5,579,672	56.7
30-34 years	0.005556	97,718	543	487,301	5,089,283	52.1
35-39 years	0.013253	97,175	1,288	482,805	4,601,982	47.4
40-44 years	0.012161	95,887	1,166	476,673	4,119,177	43.0
45-49 years	0.024850	94,721	2,354	468,111	3,642,504	38.5
50-54 years	0.024940	92,367	2,304	456,424	3,174,393	34.4
55-59 years	0.026026	90,063	2,344	444,802	2,717,969	30.2
60-64 years	0.042012	87,719	3,685	429,842	2,273,167	25.9
65-69 years	0.073980	84,034	6,217	405,218	1,843,325	21.9
70-74 years	0.101188	77,817	7,874	370,095	1,438,107	18.5
75-79 years	0.152484	69,943	10,665	323,715	1,068,012	15.3
80-84 years	0.215296	59,278	12,762	264,910	744,297	12.6
85+ years	1.000000	46,516	46,516	479,387	479,387	10.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A31. Life Tables for American Indians and Alaska Natives, Females in Bemidji Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008620	100,000	862	99,269	7,290,929	72.9
1-4 years	0.002718	99,138	269	395,894	7,191,660	72.5
5-9 years	0.000333	98,869	33	494,253	6,795,766	68.7
10-14 years	0.001264	98,836	125	493,898	6,301,513	63.8
15-19 years	0.006216	98,711	614	492,162	5,807,615	58.8
20-24 years	0.008193	98,097	804	488,598	5,315,453	54.2
25-29 years	0.006135	97,293	597	485,059	4,826,855	49.6
30-34 years	0.016254	96,696	1,572	479,749	4,341,796	44.9
35-39 years	0.016894	95,124	1,607	471,790	3,862,047	40.6
40-44 years	0.020866	93,517	1,951	462,963	3,390,257	36.3
45-49 years	0.028028	91,566	2,566	451,841	2,927,294	32.0
50-54 years	0.041000	89,000	3,649	436,430	2,475,453	27.8
55-59 years	0.058136	85,351	4,962	415,085	2,039,023	23.9
60-64 years	0.097182	80,389	7,812	383,390	1,623,938	20.2
65-69 years	0.136306	72,577	9,893	339,091	1,240,548	17.1
70-74 years	0.168553	62,684	10,566	287,937	901,457	14.4
75-79 years	0.231508	52,118	12,066	231,174	613,520	11.8
80-84 years	0.366697	40,052	14,687	164,031	382,346	9.5
85+ years	1.000000	25,365	25,365	218,315	218,315	8.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A32. Life Tables for American Indians and Alaska Natives, Females in Billings Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007400	100,000	740	99,372	7,203,241	72.0
1-4 years	0.001363	99,260	135	396,710	7,103,869	71.6
5-9 years	0.001681	99,125	167	495,162	6,707,159	67.7
10-14 years	0.001590	98,958	157	494,435	6,211,997	62.8
15-19 years	0.010838	98,801	1,071	491,575	5,717,562	57.9
20-24 years	0.011110	97,730	1,086	486,101	5,225,987	53.5
25-29 years	0.015209	96,644	1,470	479,758	4,739,886	49.0
30-34 years	0.016502	95,174	1,571	472,141	4,260,128	44.8
35-39 years	0.020149	93,603	1,886	463,520	3,787,987	40.5
40-44 years	0.033201	91,717	3,045	451,372	3,324,467	36.2
45-49 years	0.027774	88,672	2,463	437,612	2,873,095	32.4
50-54 years	0.040119	86,209	3,459	422,921	2,435,483	28.3
55-59 years	0.074135	82,750	6,135	399,321	2,012,562	24.3
60-64 years	0.079995	76,615	6,129	368,517	1,613,241	21.1
65-69 years	0.110901	70,486	7,817	333,629	1,244,724	17.7
70-74 years	0.158497	62,669	9,933	289,389	911,095	14.5
75-79 years	0.216547	52,736	11,420	235,839	621,706	11.8
80-84 years	0.404334	41,316	16,705	165,373	385,867	9.3
85+ years	1.000000	24,611	24,611	220,494	220,494	9.0

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A33. Life Tables for American Indians and Alaska Natives, Females in California Area, 2005-2007(Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007049	100,000	705	99,402	8,082,407	80.8
1-4 years	0.005298	99,295	526	395,893	7,983,005	80.4
5-9 years	0.000749	98,769	74	493,640	7,587,112	76.8
10-14 years	0.002501	98,695	247	492,917	7,093,472	71.9
15-19 years	0.005284	98,448	520	491,060	6,600,555	67.0
20-24 years	0.003543	97,928	347	488,825	6,109,495	62.4
25-29 years	0.007140	97,581	697	486,264	5,620,670	57.6
30-34 years	0.007432	96,884	720	482,711	5,134,406	53.0
35-39 years	0.008609	96,164	828	478,846	4,651,695	48.4
40-44 years	0.016300	95,336	1,554	472,999	4,172,849	43.8
45-49 years	0.012259	93,782	1,150	466,226	3,699,850	39.5
50-54 years	0.026057	92,632	2,414	457,490	3,233,624	34.9
55-59 years	0.033255	90,218	3,000	444,034	2,776,134	30.8
60-64 years	0.060295	87,218	5,259	423,599	2,332,100	26.7
65-69 years	0.077035	81,959	6,314	394,609	1,908,501	23.3
70-74 years	0.123218	75,645	9,321	355,745	1,513,892	20.0
75-79 years	0.174627	66,324	11,582	303,384	1,158,147	17.5
80-84 years	0.190838	54,742	10,447	247,940	854,763	15.6
85+ years	1.000000	44,295	44,295	606,823	606,823	13.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A34. Life Tables for American Indians and Alaska Natives, Females in Nashville Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.009001	100,000	900	99,237	8,198,482	82.0
1-4 years	0.002753	99,100	273	395,732	8,099,245	81.7
5-9 years	0.000386	98,827	38	494,030	7,703,513	77.9
10-14 years	0.000707	98,789	70	493,787	7,209,483	73.0
15-19 years	0.004100	98,719	405	492,676	6,715,696	68.0
20-24 years	0.005479	98,314	539	490,305	6,223,020	63.3
25-29 years	0.002101	97,775	205	488,392	5,732,715	58.6
30-34 years	0.009271	97,570	905	485,702	5,244,323	53.7
35-39 years	0.009146	96,665	884	481,218	4,758,621	49.2
40-44 years	0.013079	95,781	1,253	475,937	4,277,403	44.7
45-49 years	0.021403	94,528	2,023	467,919	3,801,466	40.2
50-54 years	0.018279	92,505	1,691	458,553	3,333,547	36.0
55-59 years	0.026926	90,814	2,445	448,320	2,874,994	31.7
60-64 years	0.050277	88,369	4,443	431,292	2,426,674	27.5
65-69 years	0.090754	83,926	7,617	401,310	1,995,382	23.8
70-74 years	0.122602	76,309	9,356	358,980	1,594,072	20.9
75-79 years	0.148101	66,953	9,916	310,591	1,235,092	18.4
80-84 years	0.183993	57,037	10,494	259,299	924,501	16.2
85+ years	1.000000	46,543	46,543	665,202	665,202	14.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A35. Life Tables for American Indians and Alaska Natives, Females in Navajo Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.005850	100,000	585	99,504	8,095,081	81.0
1-4 years	0.002483	99,415	247	397,056	7,995,577	80.4
5-9 years	0.000975	99,168	97	495,571	7,598,521	76.6
10-14 years	0.000818	99,071	81	495,172	7,102,950	71.7
15-19 years	0.005412	98,990	536	493,734	6,607,778	66.8
20-24 years	0.006656	98,454	655	490,732	6,114,044	62.1
25-29 years	0.006200	97,799	606	487,568	5,623,312	57.5
30-34 years	0.009044	97,193	879	483,879	5,135,744	52.8
35-39 years	0.010299	96,314	992	479,206	4,651,865	48.3
40-44 years	0.014056	95,322	1,340	473,436	4,172,659	43.8
45-49 years	0.017799	93,982	1,673	466,006	3,699,223	39.4
50-54 years	0.017310	92,309	1,598	457,792	3,233,217	35.0
55-59 years	0.023324	90,711	2,116	448,578	2,775,425	30.6
60-64 years	0.041521	88,595	3,679	434,237	2,326,847	26.3
65-69 years	0.057675	84,916	4,898	412,800	1,892,610	22.3
70-74 years	0.100583	80,018	8,048	380,680	1,479,810	18.5
75-79 years	0.127542	71,970	9,179	337,472	1,099,130	15.3
80-84 years	0.208975	62,791	13,122	281,586	761,658	12.1
85+ years	1.000000	49,669	49,669	480,072	480,072	9.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A36. Life Tables for American Indians and Alaska Natives, Females in Oklahoma Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007194	100,000	719	99,390	7,352,272	73.5
1-4 years	0.004432	99,281	440	396,048	7,252,882	73.1
5-9 years	0.002668	98,841	264	493,473	6,856,834	69.4
10-14 years	0.001391	98,577	137	492,576	6,363,361	64.6
15-19 years	0.007248	98,440	714	490,580	5,870,785	59.6
20-24 years	0.009090	97,726	888	486,545	5,380,205	55.1
25-29 years	0.013035	96,838	1,262	481,218	4,893,660	50.5
30-34 years	0.014548	95,576	1,390	474,581	4,412,442	46.2
35-39 years	0.017619	94,186	1,659	466,976	3,937,861	41.8
40-44 years	0.027736	92,527	2,566	456,557	3,470,885	37.5
45-49 years	0.032984	89,961	2,967	442,881	3,014,328	33.5
50-54 years	0.037482	86,994	3,261	427,311	2,571,447	29.6
55-59 years	0.053937	83,733	4,516	408,044	2,144,136	25.6
60-64 years	0.081161	79,217	6,429	380,815	1,736,092	21.9
65-69 years	0.113543	72,788	8,265	344,062	1,355,277	18.6
70-74 years	0.170181	64,523	10,981	296,131	1,011,215	15.7
75-79 years	0.224202	53,542	12,004	238,445	715,084	13.4
80-84 years	0.295405	41,538	12,271	177,421	476,639	11.5
85+ years	1.000000	29,267	29,267	299,218	299,218	10.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A37. Life Tables for American Indians and Alaska Natives, Females in Phoenix Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.006573	100,000	657	99,443	7,916,837	79.2
1-4 years	0.002573	99,343	256	396,746	7,817,394	78.7
5-9 years	0.001160	99,087	115	495,116	7,420,648	74.9
10-14 years	0.001254	98,972	124	494,580	6,925,532	70.0
15-19 years	0.004523	98,848	447	493,226	6,430,952	65.1
20-24 years	0.004793	98,401	472	490,897	5,937,726	60.3
25-29 years	0.005642	97,929	553	488,343	5,446,829	55.6
30-34 years	0.008989	97,376	875	484,803	4,958,486	50.9
35-39 years	0.013879	96,501	1,339	479,313	4,473,683	46.4
40-44 years	0.016361	95,162	1,557	472,122	3,994,370	42.0
45-49 years	0.024564	93,605	2,299	462,660	3,522,248	37.6
50-54 years	0.029543	91,306	2,697	450,196	3,059,588	33.5
55-59 years	0.042593	88,609	3,774	434,169	2,609,392	29.4
60-64 years	0.057754	84,835	4,900	412,536	2,175,223	25.6
65-69 years	0.104574	79,935	8,359	379,571	1,762,687	22.1
70-74 years	0.112195	71,576	8,031	338,511	1,383,116	19.3
75-79 years	0.144271	63,545	9,168	295,374	1,044,605	16.4
80-84 years	0.224597	54,377	12,213	241,759	749,231	13.8
85+ years	1.000000	42,164	42,164	507,472	507,472	12.0

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A38. Life Tables for American Indians and Alaska Natives, Females in Portland Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007011	100,000	701	99,406	7,685,135	76.9
1-4 years	0.003086	99,299	306	396,447	7,585,729	76.4
5-9 years	0.001098	98,993	109	494,663	7,189,282	72.6
10-14 years	0.000822	98,884	81	494,237	6,694,619	67.7
15-19 years	0.005279	98,803	522	492,831	6,200,382	62.8
20-24 years	0.005728	98,281	563	490,083	5,707,551	58.1
25-29 years	0.005060	97,718	494	487,427	5,217,468	53.4
30-34 years	0.009976	97,224	970	483,818	4,730,041	48.7
35-39 years	0.011963	96,254	1,151	478,527	4,246,223	44.1
40-44 years	0.016509	95,103	1,570	471,796	3,767,696	39.6
45-49 years	0.022116	93,533	2,069	462,836	3,295,900	35.2
50-54 years	0.031485	91,464	2,880	450,556	2,833,064	31.0
55-59 years	0.040985	88,584	3,631	434,380	2,382,508	26.9
60-64 years	0.066552	84,953	5,654	411,335	1,948,128	22.9
65-69 years	0.098513	79,299	7,812	377,706	1,536,793	19.4
70-74 years	0.148583	71,487	10,622	331,817	1,159,087	16.2
75-79 years	0.190909	60,865	11,620	275,997	827,270	13.6
80-84 years	0.307271	49,245	15,132	208,898	551,273	11.2
85+ years	1.000000	34,113	34,113	342,375	342,375	10.0

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A39. Life Tables for American Indians and Alaska Natives, Females in Tucson Area, 2005-2007 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008758	100,000	876	99,257	7,852,999	78.5
1-4 years	0.000000	99,124	0	396,496	7,753,742	78.2
5-9 years	0.003283	99,124	325	494,719	7,357,246	74.2
10-14 years	0.002107	98,799	208	493,525	6,862,527	69.5
15-19 years	0.006592	98,591	650	491,480	6,369,002	64.6
20-24 years	0.005936	97,941	581	488,341	5,877,522	60.0
25-29 years	0.009905	97,360	964	484,530	5,389,181	55.4
30-34 years	0.010764	96,396	1,038	479,516	4,904,651	50.9
35-39 years	0.015935	95,358	1,520	473,167	4,425,135	46.4
40-44 years	0.017507	93,838	1,643	465,298	3,951,968	42.1
45-49 years	0.023318	92,195	2,150	455,957	3,486,670	37.8
50-54 years	0.035803	90,045	3,224	442,653	3,030,713	33.7
55-59 years	0.044289	86,821	3,845	425,062	2,588,060	29.8
60-64 years	0.075605	82,976	6,273	399,980	2,162,998	26.1
65-69 years	0.088683	76,703	6,802	367,156	1,763,018	23.0
70-74 years	0.097068	69,901	6,785	333,141	1,395,862	20.0
75-79 years	0.160752	63,116	10,146	290,845	1,062,721	16.8
80-84 years	0.235143	52,970	12,456	234,124	771,876	14.6
85+ years	1.000000	40,514	40,514	537,752	537,752	13.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

TO: See Below

FROM: Director,
Division of Program Statistics


SUBJECT: Distribution of the *Life Expectancy, American Indians and Alaska Natives, Data Years: 2007-2009* Report.

I am pleased to send you the current Indian Health Service Life Expectancy Report entitled: *Life Expectancy, American Indians and Alaska Natives, Data Years: 2007-2009*. The Indian Health Service (IHS) Office of Public Health Support (OPHS), Division of Program Statistics (DPS) prepares the *Life Expectancy* report on an annual basis. This report encompasses life tables for the American Indians and Alaska Natives (AI/AN) in the IHS service population by IHS Area and gender for years 2007-2009 with comparable data for the U.S. All Races, White, and Black populations for the mid-year 2008. Life expectancy estimates are adjusted for the misreporting of AI/AN race on state death certificates.

This report was prepared by JoAnn Glakas Pappalardo and Alan Friedman, Demographic Statistics Team (DST), DPS, OPHS. DST acknowledges contributions from Priscilla Sandoval (Program Analyst), Jennifer Joseph (Staff Assistant), and Linda Querec (IHS contractor).

Questions pertaining to the *Life Expectancy, American Indians and Alaska Natives, Data Years: 2007-2009* report can be directed to JoAnn G. Pappalardo, Senior Statistician, IHS, OPHS, DPS (email: joann.pappalardo@ihs.gov).

Please contact Jennifer Joseph, Staff Assistant, (301) 443-1180, to request additional copies of this report.


/Kirk Greenway/
Kirk Greenway

Attachments

Page 2 – See Below

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Life Expectancy

American Indians and Alaska Natives

Data Years: 2007-2009

U. S. Department of Health and Human Services
Indian Health Service
Office of Public Health Support
Division of Program Statistics
Demographic Statistics Team

Date Released: December, 2014

**LIFE TABLES FOR THE AMERICAN INDIAN AND ALASKA
NATIVE IHS SERVICE POPULATION BY IHS AREA AND
GENDER, 2007-2009, WITH COMPARABLE DATA FOR THE
U. S. ALL RACES, WHITE, AND BLACK POPULATIONS, 2008**

U. S. Department of Health and Human Services
Indian Health Service
Office of Public Health Support
Division of Program Statistics

This report was prepared by JoAnn Glakas Pappalardo (Senior Statistician) and Alan Freidman (Health Statistician) Demographic Statistics Team (DST), Division of Program Statistics.

Additional American Indian and Alaska Native health status information can be obtained from the Demographic Statistics Team.

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INTRODUCTION

Life tables are a comprehensive measure of the effect of mortality on life expectancy and are a more refined means of measuring mortality levels in a population than crude, age-specific, or age-adjusted mortality rates. They allow comparison of mortality rates between populations without requiring adjustment to an actual standard population in order to account for differences in age distributions between those populations.

Life tables are routinely prepared by the National Center for Health Statistics (NCHS) by race/ethnicity and gender. NCHS does not, however, prepare life tables for the American Indian and Alaska Native (AI/AN) population. The purpose of this report is to provide life tables for the AI/AN population residing in the service area in which the Indian Health Service (IHS) has responsibilities and to make comparisons between Indian life expectancy and the all races, white, and black U.S. populations. This report also includes a discussion of life table definitions and methodology in order to provide a better understanding of life table data. The life tables included in this report are based on three years of data because of the small numbers of American Indian deaths that occur during a single calendar year.

The starting point for the construction of a life table is a series of age-specific mortality rates developed for that population. All other functions in the table evolve from these rates. The other functions include the number of survivors, the number of deaths, the number of person-years lived at a given age, the number of person-years lived after reaching that age, and the expected future life for a person reaching that age.

Life expectancy is not to be confused with life span. Life expectancy, simply put, is the number of years an average person can expect to live and is measurable using current mortality statistics. Life expectancy varies across generations, countries around the world, by race, and by gender. Life span is the maximum number of years a species expects to live under optimum conditions. Life span has probably not changed in recent times; it is a concept that cannot be measured easily.

TYPES OF LIFE TABLES

GENERATION VERSUS PERIOD LIFE TABLES

It is important to understand some basic concepts regarding life tables. There are two different types of life tables: the generation or cohort life table and the current or period life table. The generation life table is based on the mortality experience of a particular birth cohort, which includes all persons born in a particular year. Preparation of a generation life table requires use of the mortality rates actually experienced by that cohort at each age during its lifetime, until all persons in the cohort have died. It provides a longitudinal picture of the actual lifetime experience of a particular group of people. It is difficult to prepare since it requires compilation of mortality data over a very long period of time, (i.e. 100 years or more), depending on the

number of years the last surviving member of the cohort lives. Because of the extended time period required to complete generation life tables, such tables are seldom prepared.

The current or period life table presented in this report is more commonly used as it is based on a "synthetic" instead of a real birth cohort. A synthetic cohort consists of a population distributed by age as it exists at a particular point in time and is cross-sectional in that it crosses numerous generations and includes people born in many different years. A period life table is representative of the combined mortality experience by age of a cross-section of population at a particular point in time, and is developed based on the applicable age-specific mortality rates for a time era. As such, a synthetic cohort does not represent the actual experience of a real cohort. The current life table provides a "snap shot" of current mortality experience and provides an indicator of the long-term results should current mortality rates prevail.

Both current and generation life tables assume a cohort of 100,000 live births as a starting point. All values generated by the life table evolve from the original 100,000 births.

The current life table itself can be interpreted in two ways. The first interpretation is a birth cohort of 100,000 live births aging over time and subject to the mortality conditions shown over its lifetime. The second interpretation is a "stationary population" in which there are 100,000 live births every year with each birth cohort subject to the same age-specific mortality rates over its lifetime, resulting in a population with an unchanging number and age distribution.

COMPLETE VERSUS ABRIDGED LIFE TABLES

Complete life tables contain data by single year of age; they use counts of the population enumerated during a decennial census and deaths for a three-year period centered on the decennial census year. Abridged life tables contain data by five-year age intervals and are usually prepared annually; however, for this report they have been prepared using three-year aggregated data because of the relatively small number of AI/ANs residing in the counties included in the IHS service delivery area. Annual abridged life tables are prepared by using the most recent decennial life table as a standard and adjusting abridged life table functions to that standard.

The methodology used here was developed by NCHS and is referred to as, "The revised method of computing life tables by reference to a 'standard' table." The appendix provides a brief description of the methodology.

NCHS developed a report that discusses the methodology in detail.¹ Guidance on how to interpret a life table is also included in the appendix.

¹ Comparison of Two Methods of Constructing Abridged Life Tables by Reference to a "Standard" Table. Public Health Service Publication Number 1000, Series 2, Number 4. Revised March 1966.

ADJUSTING FOR MISREPORTING OF INDIAN RACE ON STATE DEATH CERTIFICATES

Misreporting of Indian race on state death certificates occurs, especially in areas distant from traditional Indian reservations. In order to determine the degree and scope of the misreporting, IHS conducted a study utilizing the National Death Index (NDI) maintained by NCHS. The results of the NDI study provide sufficient numbers to calculate adjustments to the number of deaths by sex for each IHS Area, for IHS overall, and for five-year age groups. **Adjusted life expectancies** are considered to be a more accurate representation of Indian life expectancy than actual life expectancies since they are "adjusted" to account for misreporting of American Indian race on state death certificates. Therefore, the analyses in this report are based upon the adjusted life expectancies. For more information on adjusting for misreporting of Indian race on state Death certificates, see the *Appendix*.

DATA PRESENTATIONS

A summary table (Table 1) and 12 charts (Charts A1-D3) for AI/AN life expectancies at birth and for persons at several age groups (20-24 years, 40-44 years, and 60-64 years) are presented in this report. Data are provided by gender (all AI/AN, male, and female), and for each IHS Area. For comparison, the table and accompanying charts show the life expectancies for U. S. all races, U. S. white, and U. S. black populations. Life expectancies for other five-year age groups, in addition to those selected for review in this report, are provided in the detailed life expectancy tables found in the *Appendix* at the end of the report.

The life expectancy data presented in this report are based upon data that have been adjusted for the misreporting of AI/AN race on the death certificate. Unadjusted life expectancy data are included in Table 1. Detailed unadjusted life expectancy tables for each of the 12 IHS Areas are available upon request from the Division of Program Statistics. See *Introduction* for contact information.

**LIFE EXPECTANCY AT BIRTH
(TABLE 1 AND CHARTS A1, A2, AND A3)**

Table A. Life expectancy at birth, 2007-2009

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	82.3
2	California	77.3
3	Albuquerque	76.4
4	Phoenix	76.2
5	Navajo	75.9
6	Portland	74.9
7	Tucson	73.3
8	Alaska	72.3
9	Bemidji	70.6
10	Oklahoma	70.3
11	Great Plains (Aberdeen)	69.6
12	Billings	69.4

Life expectancy at birth for all twelve IHS Areas was 73.7 years (2007-2009). Comparable data for U.S. population (2008) were all races 78.1, white 78.5, and black 74.0.

For each IHS Area, life expectancies for females were higher than those for males. To measure the magnitude of this difference, ratios between the female life expectancies and the male life expectancies by IHS Area are presented (see Table 1). These ratios varied from 1.04 in Nashville to 1.14 in Navajo. For all twelve IHS Areas this ratio was 1.10 (2007-2009). The comparable female to male ratios for the (2008) U.S. all races, white, and black populations were 1.07, 1.06, and 1.04 respectively.

**YEARS OF LIFE REMAINING FOR PERSONS 20-24 YEARS OF AGE
(TABLE 1 AND CHARTS B1, B2, AND B3)**

Table B. Years of life remaining at 20-24 years, 2007-2009

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	63.6
2	California	58.7
3	Albuquerque	57.6
4	Phoenix	57.3
5	Navajo	57.2
6	Portland	56.2
7	Tucson	54.7
8	Alaska	54.2
9	Bemidji	52.1
10	Oklahoma	52.0
11	Great Plains (Aberdeen)	51.4
12	Billings	51.2

The years of life remaining for the age group 20-24 years for all twelve IHS Areas was 55.2 years. Comparable data for U.S. populations (2008) were all races 57.6, white 57.9, and black 54.1 years.

Ratios of female to male years of life remaining for AI/AN in the age group 20-24 years varied from 1.04 for Nashville to 1.18 for Navajo. For all twelve IHS Areas this ratio was 1.12. The comparable ratios for the U.S. all races, white, and black populations were 1.09, 1.08, and 1.12, respectively.

**YEARS OF LIFE REMAINING FOR PERSONS 40-44 YEARS OF AGE
(TABLE 1 AND CHARTS C1, C2, AND C3)**

Table C. Years of life remaining at 40-44 years, 2007-2009

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	45.6
2	Navajo	40.7
3	California	40.7
4	Albuquerque	40.5
5	Phoenix	39.9
6	Portland	38.4
7	Tucson	37.6
8	Alaska	37.1
9	Billings	35.3
10	Oklahoma	35.1
11	Bemidji	34.5
12	Great Plains (Aberdeen)	34.1

The years of life remaining for the age group 40-44 years for all twelve IHS Areas was 38.0 years. Comparable data for U.S. populations (2008) were all races 38.7, white 38.9, and black 34.8.

Ratios of female to male years of life remaining for AI/AN in the age group 40-44 years varied from 1.04 for Nashville and Oklahoma to 1.19. For the twelve IHS Areas this ratio was 1.14. The comparable ratios for the U.S. all races, white, and black populations were 1.11, 1.11, and 1.16 respectively.

**YEARS OF LIFE REMAINING FOR PERSONS 60-64 YEARS OF AGE
(TABLE 1 AND CHARTS D1, D2, AND D3)**

Table D. Years of life remaining at 60-64 years, 2007-2009

	IHS AREA	ADJUSTED (Years of Life Remaining)
1	Nashville	29.7
2	Navajo	24.9
3	California	24.8
4	Albuquerque	24.6
5	Phoenix	24.6
6	Tucson	23.7
7	Portland	22.6
8	Alaska	21.6
9	Billings	20.5
10	Oklahoma	20.4
11	Great Plains (Aberdeen)	19.5
12	Bemidji	19.3

The years of life remaining for the age group 60-64 years for all twelve IHS Areas was 22.6 years. Comparable data for U.S. populations (2008) were all races 21.5, white 21.6, and black 19.8 years.

Ratios of female to male years of life remaining for AI/AN in the age group 60-64 varied from 1.00 for Nashville to 1.26 for Oklahoma. For the twelve IHS Areas this ratio was 1.17. The comparable ratios for the U.S. all races, white, and black populations were 1.15, 1.15, and 1.09 respectively.

Table 1. LIFE EXPECTANCY AT SELECTED AGES AND RELATIVE RANKINGS OF AMERICAN INDIANS AND ALASKA NATIVES RESIDING IN IHS SERVICE AREAS, 2007-2009

A. LIFE EXPECTANCY AT BIRTH (Years of life remaining)

	Both Sexes			Male			Female			Ratio (Female: Male)
	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	
IHS (All 12 Areas)	76.3	73.7		73.0	70.4		79.5	77.1		1.1
Alaska	73.3	72.3	(8)	70.8	69.9	(7)	75.8	74.8	(6)	1.1
Albuquerque	77.2	76.4	(3)	73.7	72.7	(5)	80.5	79.8	(4)	1.1
Bemidji	73.4	70.6	(9)	70.5	67.7	(9)	76.4	73.6	(10)	1.1
Billings	70.6	69.4	(12)	67.5	66.3	(11)	73.6	72.6	(12)	1.1
California	83.4	77.3	(2)	80.5	74.2	(2)	86.1	80.5	(3)	1.1
Great Plains	70.1	69.8	(11)	66.2	65.8	(12)	73.8	73.3	(11)	1.1
Nashville	84.9	82.3	(1)	84.0	80.9	(1)	86.4	84.1	(1)	1.0
Navajo	76.1	75.9	(5)	71.3	71.1	(6)	80.9	80.7	(2)	1.1
Oklahoma	76.1	70.3	(10)	72.4	66.7	(10)	79.7	74.0	(9)	1.1
Phoenix	77.0	76.2	(4)	74.0	73.0	(3)	80.0	79.3	(5)	1.1
Portland	76.5	74.9	(8)	74.3	72.8	(4)	78.4	76.9	(7)	1.1
Tucson	74.0	73.3	(7)	70.2	69.3	(8)	77.5	77.0	(6)	1.1
<i>U.S. All Races (2008)</i>	78.1			75.6			80.6			1.1
<i>U.S. White (2008)</i>	78.5			76.1			80.9			1.1
<i>U.S. Black (2008)</i>	74.0			70.6			77.2			1.1

B. LIFE EXPECTANCY, PERSONS 20-24 YEARS (Years of life remaining)

	Both Sexes			Male			Female			Ratio (Female: Male)
	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	
IHS (12 Areas)	57.6	55.2		54.4	52.0		60.6	58.4		1.1
Alaska	55.1	54.2	(8)	52.7	51.9	(7)	57.3	56.5	(8)	1.1
Albuquerque	58.4	57.6	(3)	55.1	54.1	(5)	61.5	60.9	(4)	1.1
Bemidji	54.7	52.1	(9)	52.0	49.4	(9)	57.4	54.7	(11)	1.1
Billings	52.3	51.2	(12)	49.3	48.1	(12)	55.3	54.3	(12)	1.1
California	64.2	58.7	(2)	61.3	55.6	(2)	66.8	61.8	(2)	1.1
Great Plains	51.8	51.4	(11)	48.2	47.8	(11)	55.2	54.8	(10)	1.1
Nashville	65.8	63.6	(1)	65.1	62.4	(1)	67.1	65.2	(1)	1.0
Navajo	57.4	57.2	(5)	52.8	52.5	(6)	62.0	61.8	(3)	1.2
Oklahoma	57.3	52	(10)	53.7	48.5	(10)	60.7	55.5	(9)	1.1
Phoenix	58.1	57.3	(4)	55.1	54.3	(3)	61.0	60.3	(5)	1.1
Portland	57.6	56.2	(8)	55.7	54.3	(4)	59.4	58.1	(7)	1.1
Tucson	55.1	54.7	(7)	51.5	50.8	(8)	58.4	58.2	(6)	1.1
<i>U.S. All Races (2008)</i>	57.6			55.2			59.9			1.1
<i>U.S. White (2008)</i>	57.9			55.5			60.1			1.1
<i>U.S. Black (2008)</i>	54.1			50.8			57.0			1.1

() = Area Office rank.

UNADJ = Unadjusted; data not adjusted to compensate for misreporting of AI/AN race on state death certificates.

ADJ = Adjusted; data adjusted to compensate for misreporting of AI/AN race on state death certificates.

Table 1. (Continued) LIFE EXPECTANCY AT SELECTED AGES AND RELATIVE RANKINGS OF AMERICAN INDIANS AND ALASKA NATIVES RESIDING IN IHS SERVICE AREAS, 2007-2009

C. LIFE EXPECTANCY, PERSONS 40-44 YEARS (Years of life remaining)

	Both Sexes			Male			Female			Ratio (Female: Male)
	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	
IHS (12 Areas)	39.9	38		37.4	35.3		42.2	40.4		1.1
Alaska	37.8	37.1	(8)	36.2	35.5	(7)	39.3	38.6	(8)	1.1
Albuquerque	41.2	40.5	(4)	38.6	37.7	(3)	43.4	42.9	(4)	1.1
Bemidji	36.6	34.5	(11)	34.1	32.1	(10)	39.0	36.9	(11)	1.1
Billings	36.2	35.3	(9)	33.7	32.8	(9)	38.4	37.8	(10)	1.1
California	45.4	40.7	(2)	42.9	37.9	(2)	47.7	43.4	(3)	1.1
Great Plains	34.5	34.1	(12)	31.6	31.2	(12)	37.1	36.7	(12)	1.2
Nashville	47.4	45.6	(1)	47.2	44.8	(1)	48.3	46.7	(1)	1.0
Navajo	40.8	40.7	(3)	37.6	37.4	(5)	43.8	43.6	(2)	1.2
Oklahoma	39.2	35.1	(10)	36.1	32.0	(11)	42.1	38.1	(9)	1.2
Phoenix	40.5	39.9	(5)	38.3	37.6	(4)	42.6	42.1	(5)	1.1
Portland	39.5	38.4	(6)	38.0	36.9	(8)	40.8	39.7	(7)	1.1
Tucson	38.1	37.6	(7)	35.3	34.6	(8)	40.4	40.2	(6)	1.2
U.S. All Races (2008)	38.7			36.7			40.6			1.1
U.S. White (2008)	39.9			38.2			41.9			1.1
U.S. Black (2008)	35.7			32.9			38.1			1.2

D. LIFE EXPECTANCY, PERSONS 60-64 YEARS (Years of life remaining)

	Both Sexes			Male			Female			Ratio (Female: Male)
	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	UNADJ	ADJ	RANK (ADJ)	
IHS (12 Areas)	24.2	22.6		22.4	20.7		25.7	24.2		1.2
Alaska	22.2	21.6	(8)	20.7	20.1	(8)	23.4	22.9	(8)	1.1
Albuquerque	25.2	24.6	(4)	23.8	23.1	(3)	26.2	25.8	(4)	1.1
Bemidji	21.0	19.3	(12)	19.1	17.4	(12)	22.7	21.1	(11)	1.2
Billings	21.2	20.5	(9)	19.4	18.7	(9)	22.6	22.0	(10)	1.2
California	28.7	24.8	(3)	26.9	22.6	(4)	30.3	26.8	(2)	1.2
Great Plains	19.8	19.5	(11)	18.0	17.7	(11)	21.3	21.0	(12)	1.2
Nashville	31.3	29.7	(1)	32.1	29.9	(1)	31.1	29.9	(1)	1.0
Navajo	25.0	24.9	(2)	22.8	22.6	(5)	26.7	26.7	(3)	1.2
Oklahoma	23.6	20.4	(10)	21.2	17.9	(10)	25.6	22.6	(9)	1.3
Phoenix	25.1	24.6	(5)	24.0	23.4	(2)	26.1	25.6	(5)	1.1
Portland	23.6	22.6	(7)	22.3	21.4	(7)	24.5	23.6	(7)	1.1
Tucson	24.1	23.7	(6)	22.3	21.7	(6)	25.4	25.1	(6)	1.2
U.S. All Races (2008)	21.5			19.9			22.8			1.1
U.S. White (2008)	21.8			20.0			23.0			1.1
U.S. Black (2008)	19.8			17.6			21.5			1.2

() = Area Office rank.

UNADJ = Unadjusted; data not adjusted to compensate for misreporting of AI/AN race on state death certificates.

ADJ = Adjusted; data adjusted to compensate for misreporting of AI/AN race on state death certificates.

APPENDIX

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CONSTRUCTING ABRIDGED LIFE TABLES

LIFE TABLE VALUES

The life tables in this report include the basic life table functions commonly shown as part of a published life table. The columns in a life table are identified by mathematical symbols as described below.

- ${}_nq_x$ The probability of dying during the age interval.
- l_x The number of persons out of the original 100,000 live births who are still alive at the beginning of the age interval.
- ${}_nd_x$ The number dying during the specified age interval.
- ${}_nL_x$ The number of person-years lived during the specified age interval.
- T_x The total number of person-years that will be lived from the beginning of the specified age interval until the last person in the cohort dies.
- e_x^o Life expectancy, the average number of years remaining in the lifetime of a person alive at the beginning of the specified age interval.

PRELIMINARY LIFE TABLE DATA

The following preliminary life table data are not published as part of a life table but are used to generate the life table values described above. Some of these data are fixed constants which have been developed by NCHS for standardizing the abridged tables to the complete decennial life tables. Other preliminary data include mortality and population data used to develop mortality rates. The preliminary data are as follows:

- ${}_nA_x$ A set of constants derived by NCHS from the complete decennial life table used as the standard table. These constants are used as adjustment factors to convert the age-specific mortality rates into ${}_nq_x$, the probability of dying for each age interval. The conversion of the observed ${}_nM_x$ to the ${}_nq_x$ in the abridged life table is based on the relationship of the ${}_nM_x$ to the ${}_nq_x$ in the table being used as the standard. The A constant differs by race and by gender.
- ${}_nB_x$ A set of constants derived by NCHS from the complete decennial life table that is used as the standard table. These constants represent the distribution of deaths within the age interval. They are used to compute ${}_nL_x$, the number of person years lived during the age interval. Their computation assumes that the age distribution of those dying within the interval is the same within the abridged table as it is within the standard table. The B constant differs by race and by gender.

- ${}_n P_x$ The estimated midyear population for the age interval.
- ${}_n D_x$ The number of deaths for the age interval.
- ${}_n M_x$ The age-specific death rate for the age interval.
- $1+{}_n A_x * {}_n M_x$ A set of adjustment factors used to convert the observed population age-specific mortality rates into the probability of dying, or ${}_n q_x$ using the ${}_n A_x$ constant defined above.

Several additional factors that are called into the computations within columns of the spreadsheet are not normally shown individually in a life table. These include an F factor, a separation factor, and an end value constant. These computations are prepared for both genders combined and for each gender separately using different constants for the factors for each of these three population groups.

The **F factor** is used to adjust proportionately the age-specific death rates for the number of deaths with age not stated. It is computed for each life table based on number of deaths not stated in the population under study.

The **separation factor** is a constant developed by NCHS that is incorporated into the formula computing the infant mortality rate. Normally, the infant mortality rate is computed simply by dividing the number of infant deaths in a given year by the number of births in that year even though infant deaths do not always occur in the year of birth. The purpose of the separation factor is to separate infants dying at less than one year of age into those born in that same year from those born in the previous year. The infant mortality rate is then computed in two parts, using the appropriate number of births as the denominator for the infant deaths which have been "separated" by year of birth.

The **end-value constant** is developed by NCHS and used to compute the number of remaining person-years lived for those age 85 years and older. This is necessary because this age group is an open-ended interval.

HOW TO INTERPRET A LIFE TABLE

Although a life table contains a multitude of numbers and formulas, the primary interest of a life table user is most likely one number, the expected years of life at birth. This number (the expected years of life at birth) is shown as the first number in column seven on each of the life tables (A1-A39). The purpose of all other numbers and formulas within the table is the generation of that number. Life tables are usually prepared by gender because of the substantial difference found between the life expectancy of males and females.

In order to understand the life table concept it is important to understand life table functions and how they are interrelated.

Preliminary life table data are not presented in this report except for ${}_nB_x$ that is used to compute ${}_nQ_x$, the proportion or probability of dying during the age interval. The first step in the generation of ${}_nQ_x$ is the computation of the age-specific death rate, or ${}_nM_x$, from the number of deaths and the population within the age group. ${}_nM_x$ may differ slightly from the age-specific mortality rates that we normally use because the number of deaths with age not stated are distributed proportionally among the age groups in the computation of ${}_nM_x$. ${}_nM_x$ also differs from the normal infant mortality rate due to use of the separation factor as discussed earlier.

The second step toward computing ${}_nQ_x$ is the development of the adjustment factor, based on the relationship of the age-specific death rates to the probability of dying, ${}_nA_x$, that was found in the life table used as the standard. The age-specific death rates computed for the life table are then converted to the probability of dying within the interval by multiplying the rate times the length of the age interval and then dividing by the adjustment factor.

The next two life table columns, l_x and ${}_nd_x$, are interrelated. The first row of column l_x is the beginning cohort of 100,000 live births used as a starting point for any life table. The first row of column ${}_nd_x$ is the number of those 100,000 who die during this age interval. For each of the succeeding age groups, l_x is the number from the original cohort of 100,000 births who survive to the exact age at the beginning of the age interval. This number is computed by subtracting the number dying, or ${}_nd_x$, in the previous age interval from the number alive at the beginning of that previous interval. The number dying is computed by applying the probability of dying during the interval, ${}_nQ_x$, to the number alive at the beginning of the interval, l_x .

Columns ${}_nL_x$ and T_x are both related to the stationary population. ${}_nL_x$ differs from l_x in that l_x is the number of survivors from a single birth cohort of 100,000 births who survive to the beginning of an age interval, while ${}_nL_x$ is the total number of survivors *within* the age interval based on multiple birth cohorts of 100,000 births each, the number of cohorts depending on the number of years in the age interval identified. For example, the first age group in the life table consists of one birth cohort of 100,000 births. The second age interval is a four-year interval composed of four birth cohorts totaling 400,000 births. The remaining age groups (with the exception of 85+ years) are in five-year intervals of five birth cohorts totaling 500,000 births as a beginning population. ${}_nL_x$ is computed by multiplying the number of single cohort survivors

at the beginning of the interval, or l_x , by the number of cohorts (based on the size of the age interval) within the age interval and then subtracting deaths for the age interval, ${}_n d_x$, which has been adjusted by ${}_n B_x$, a conversion factor derived from the "standard" life table.

T_x is the total number of survivors in the specified age group and all older age groups. It is computed by adding ${}_n L_x$ for the specified age interval to the sum of the ${}_n L_x$'s of older age groups.

Finally e_x^0 , or life expectancy, is computed by dividing T_x by l_x for each age interval.

ADJUSTING FOR MISREPORTING OF INDIAN RACE ON STATE DEATH CERTIFICATES

Misreporting of Indian race on state death certificates occurs, especially in areas distant from traditional Indian reservations. In order to determine the degree and scope of the misreporting, IHS conducted a study utilizing the National Death Index (NDI) maintained by the NCHS. The study involved matching IHS patient records of those patients who could have died during 1986 through 1988 with all death records of U.S. residents for 1986 through 1988 as contained on the NDI. The results were published in a document entitled, *Adjusting for Miscoding of Indian Race on State Death Certificates*, November 1996. The study revealed that on 10.9 percent of the matched IHS-NDI records, the race reported for the decedent was other than American Indian or Alaska Native. The percentage of records with inconsistent classification of race ranged from 1.2 percent in the Navajo Area to 28.0 and 30.4 percents in the Oklahoma and California Areas, respectively.

The results of the NDI study provide sufficient numbers to calculate adjustments for each IHS Area, IHS overall, and selected age groups. In addition to these adjustments based on the study findings, IHS assumed the following; a) the results from 1986-88 apply to years beyond 1988 and b) IHS age-group adjustments applied also to each Area. These assumptions cannot be statistically supported by the results of the study. However, IHS felt that it was necessary to adjust all of the death data in this report to provide a meaningful and comprehensive look at life expectancy. IHS also believes that they are reasonable adjustments.

IHS has more specific adjustment factors for the age group less than one year. These are derived from the linked birth/infant death data sets produced by the NCHS. IHS is assuming that data years 1994-96 can be adjusted based on the results from prior years of the linked data sets, which is not statistically sound but reasonable. These adjustments for 1994-96 take precedent over the NDI adjustments for the under one-year age group, described above.

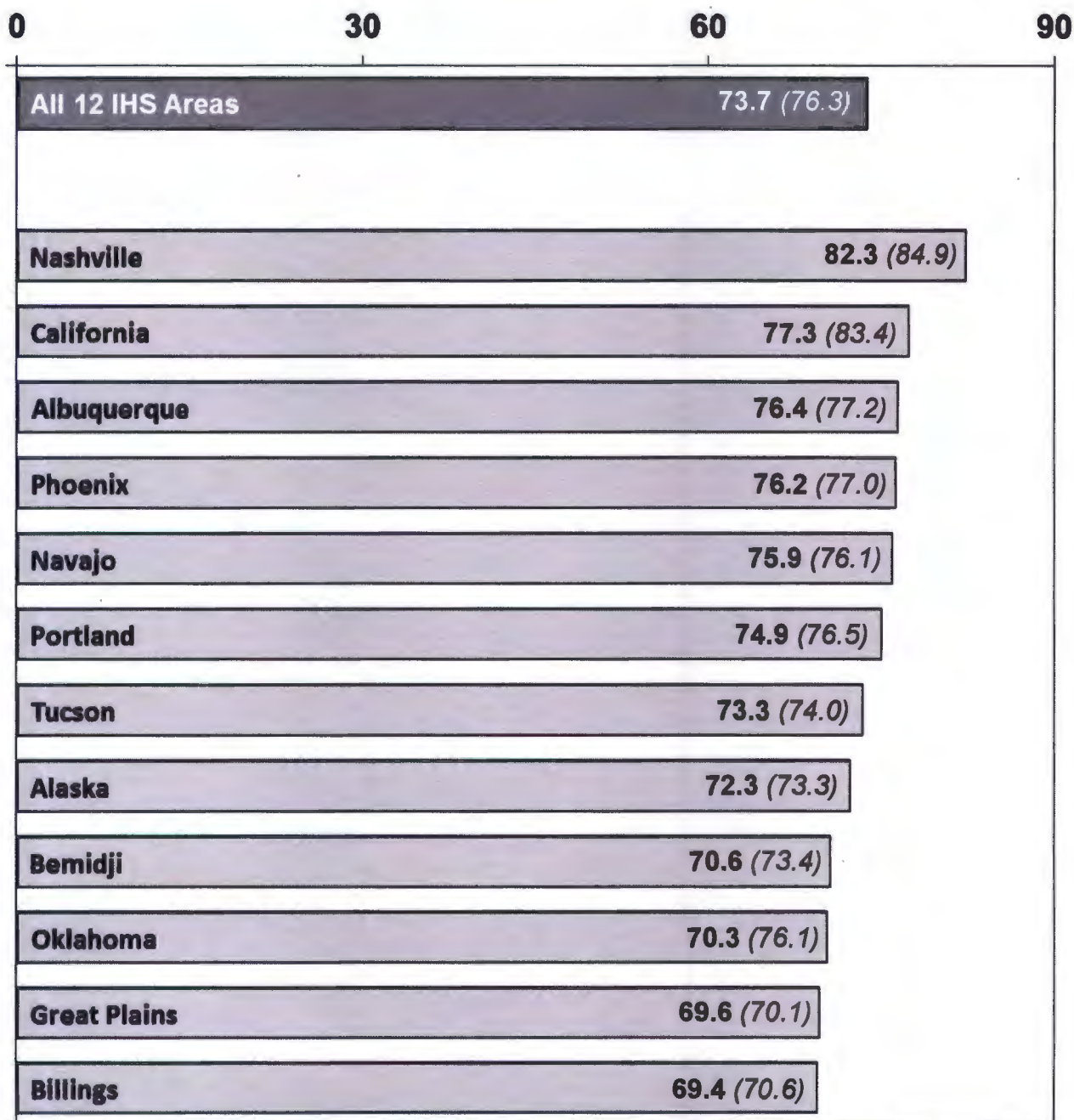
Adjusted life expectancies are considered a more accurate representation of Indian life expectancy than actual life expectancies because the "actual" data upon which they are based has been "adjusted" to account for misreporting of Indian race on death certificates. Therefore, the analyses in this report are based upon adjusted life expectancies.

Chart A1. Life Expectancy at Birth, Both Sexes

CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 78.1
 U.S. White Population (2008) = 78.5
 U.S. Black Population (2008) = 74.0

Years of Life Remaining



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart A2. Life Expectancy at Birth, Males

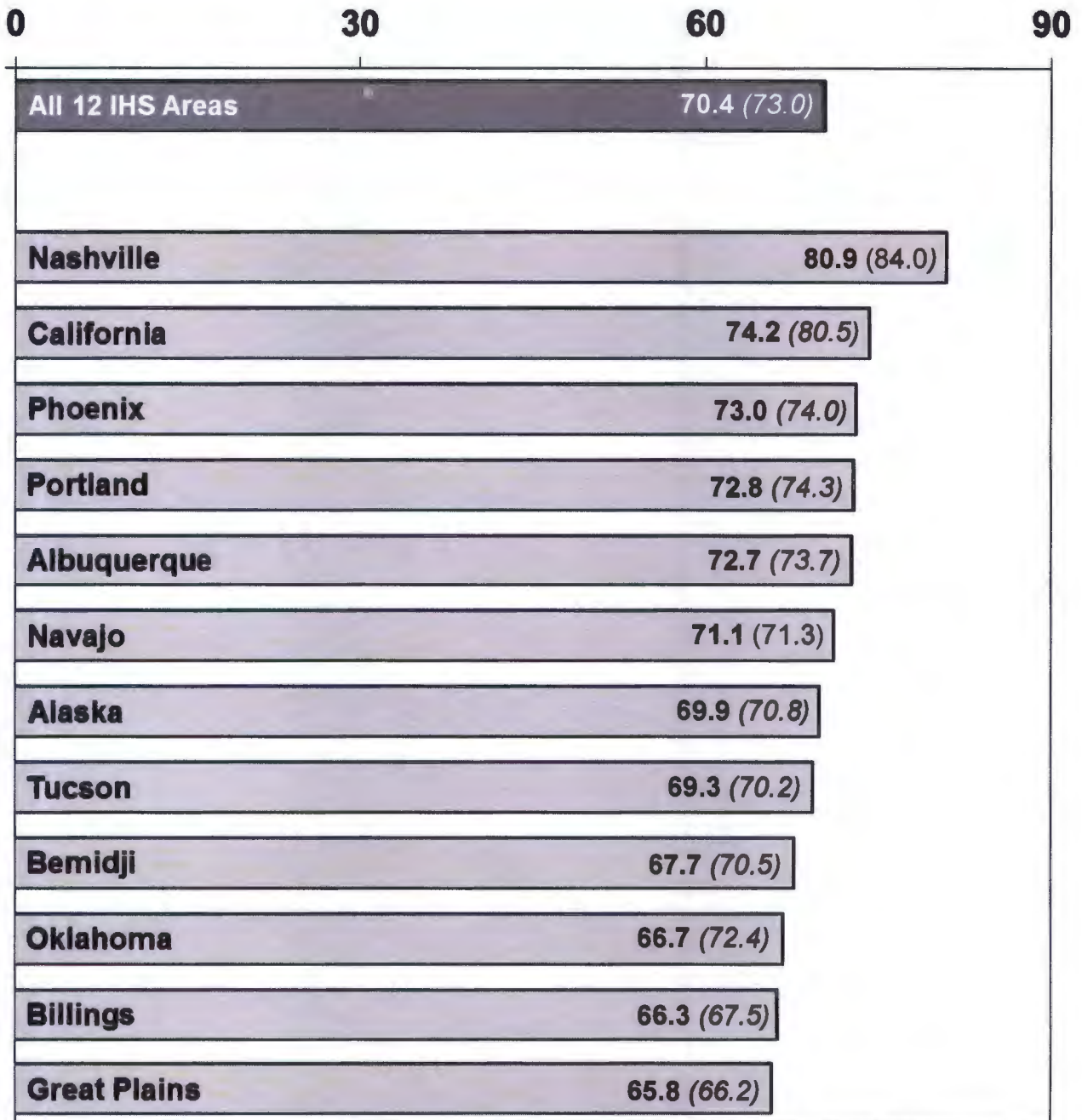
CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 75.6

U.S. White Population (2008) = 76.1

U.S. Black Population (2008) = 70.6

Years of Life Remaining



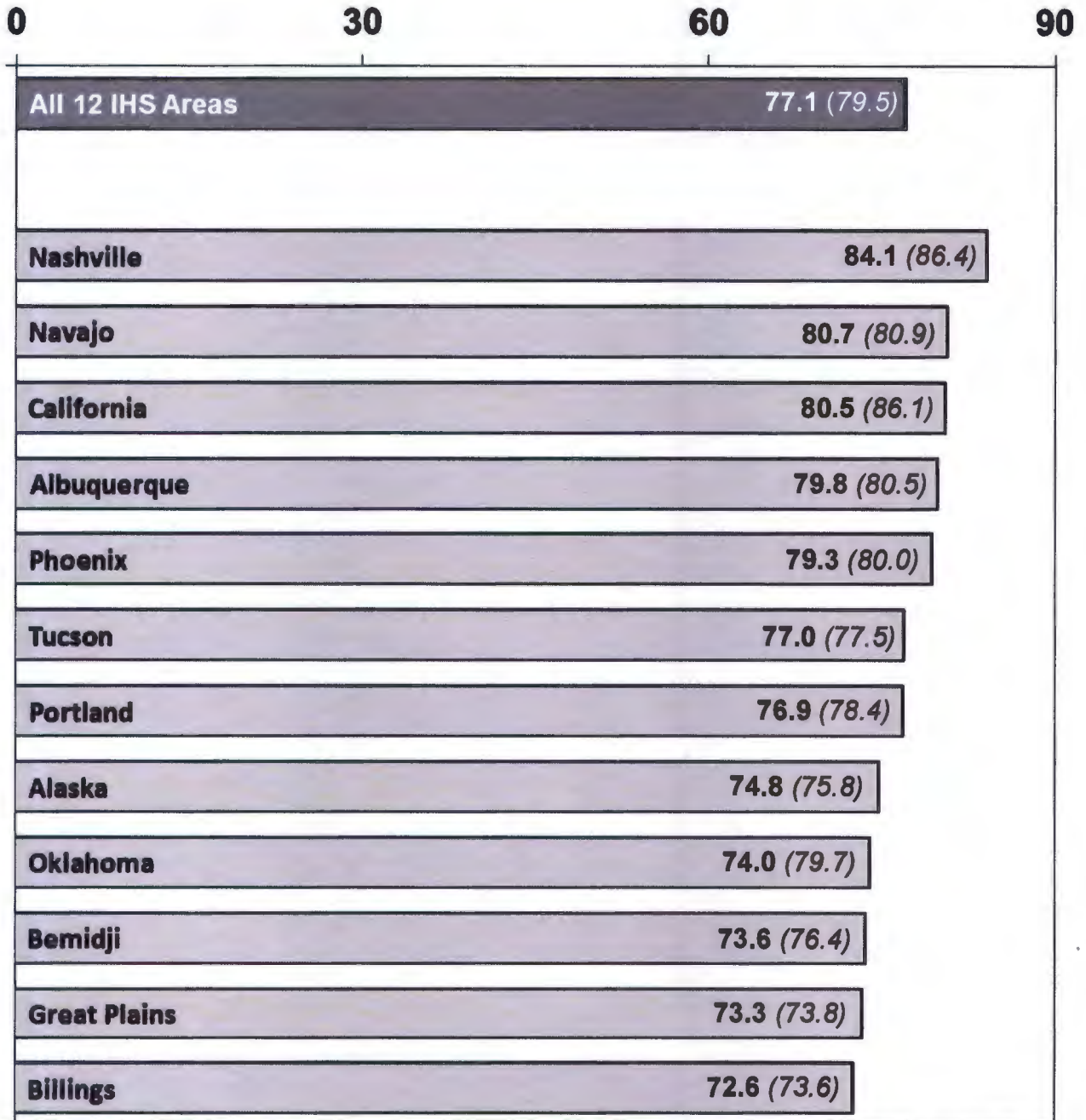
NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart A3. Life Expectancy at Birth, Females

CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 80.6
 U.S. White Population (2008) = 80.9
 U.S. Black Population (2008) = 77.2

Years of Life Remaining



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart B1. Life Expectancy at 20-24 Years, Both Sexes
CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 57.6
 U.S. White Population (2008) = 57.9
 U.S. Black Population (2008) = 54.1

Years of Life Remaining



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart B2. Life Expectancy at 20-24 Years, Males
CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 55.2
 U.S. White Population (2008) = 55.5
 U.S. Black Population (2008) = 50.8

Years of Life Remaining



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart B3. Life Expectancy at 20-24 Years, Females

CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 59.9

U.S. White Population (2008) = 60.1

U.S. Black Population (2008) = 57.0

Years of Life Remaining



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses (·).

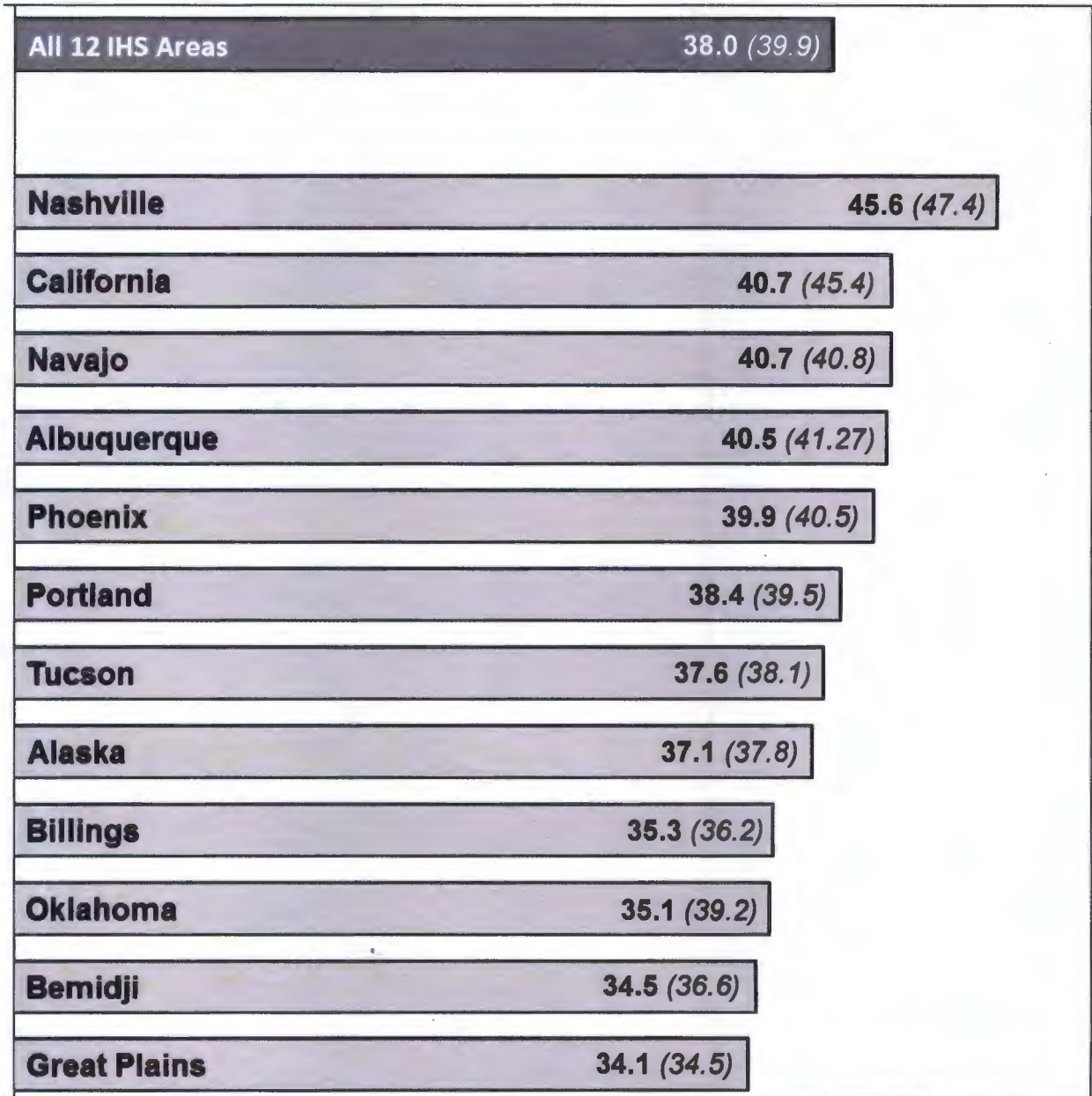
Chart C1. Life Expectancy at 40-44 Years, Both Sexes

CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 38.7
 U.S. White Population (2008) = 38.9
 U.S. Black Population (2008) = 35.7

Years of Life Remaining

0 10 20 30 40 50



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart C2. Life Expectancy at 40-44 Years, Males

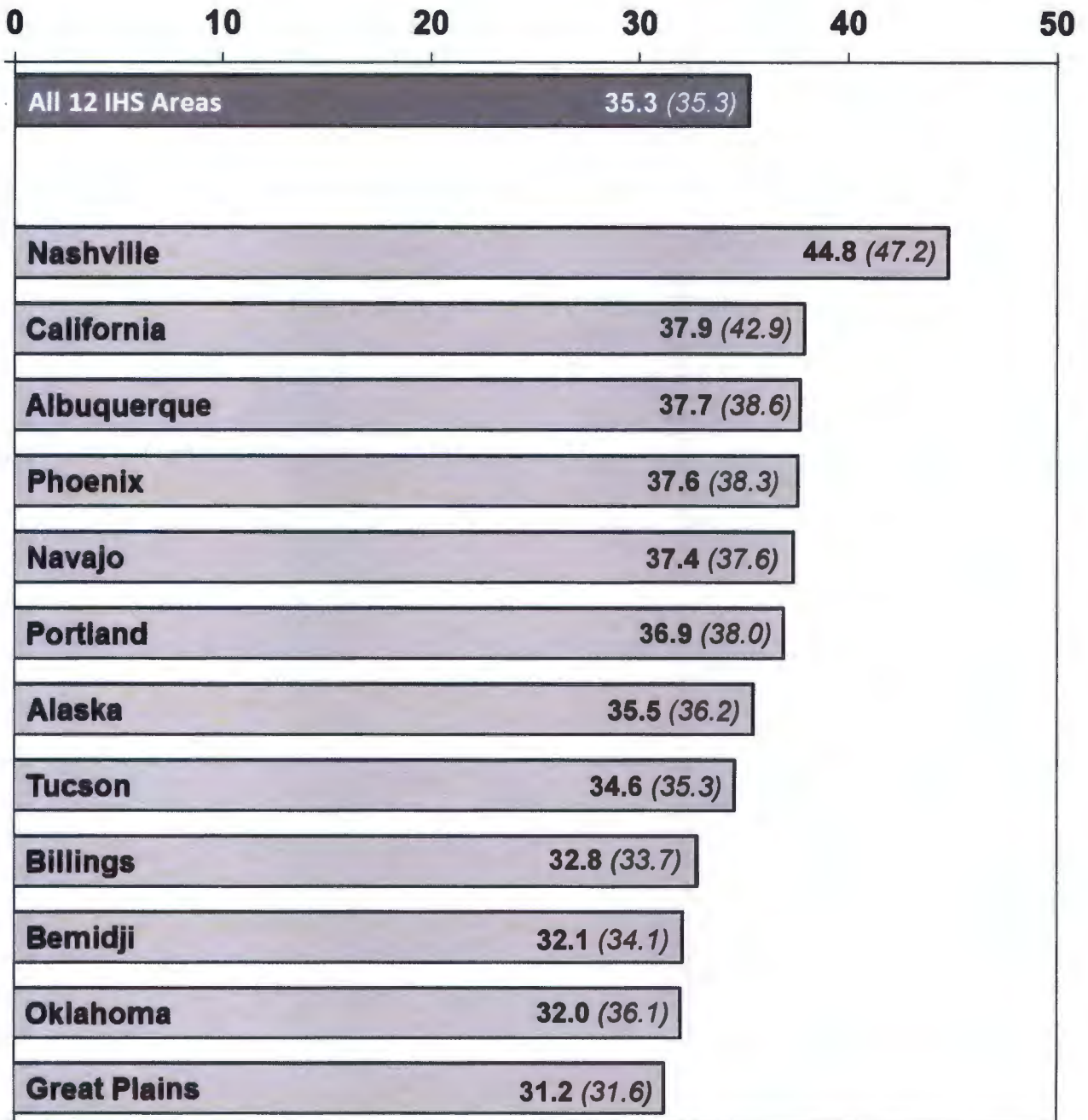
CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 36.7

U.S. White Population (2008) = 36.9

U.S. Black Population (2008) = 32.9

Years of Life Remaining



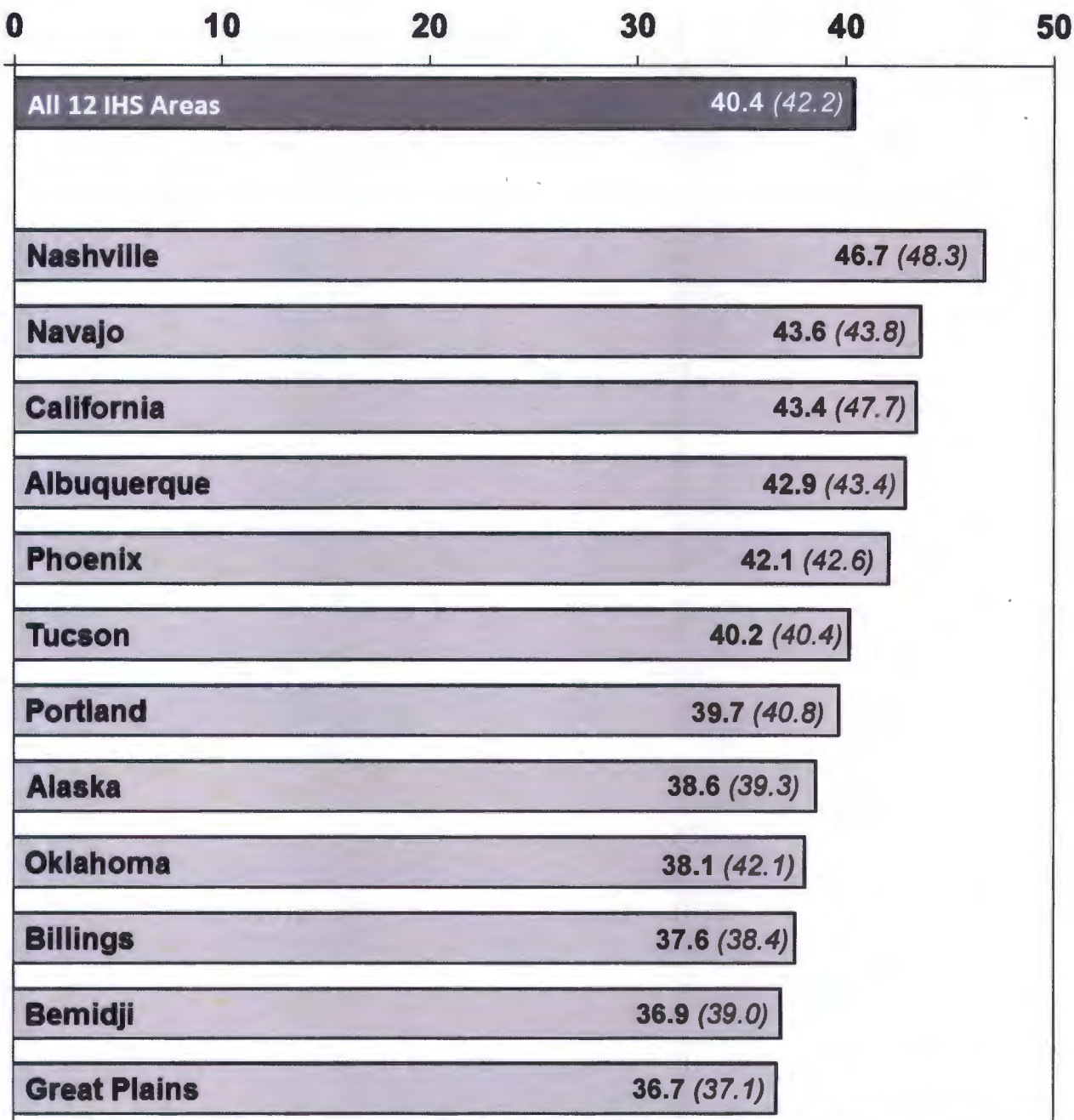
NOTE: Life expectancies **not** adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart C3. Life Expectancy at 40-44 Years, Females

CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 40.6
 U.S. White Population (2008) = 40.8
 U.S. Black Population (2008) = 38.1

Years of Life Remaining



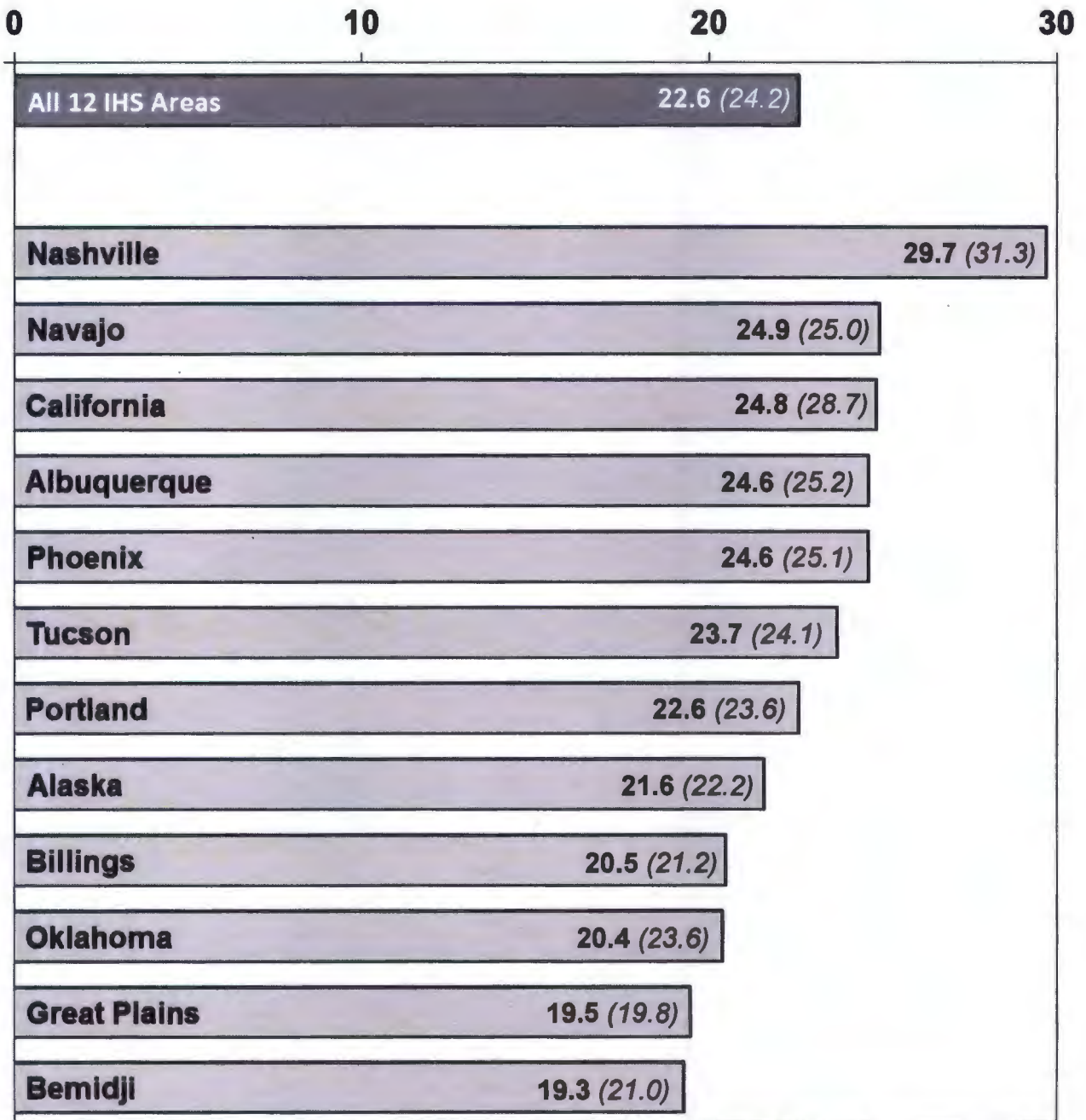
NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart D1. Life Expectancy at 60-64 Years, Both Sexes

CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 21.5
 U.S. White Population (2008) = 21.6
 U.S. Black Population (2008) = 19.8

Years of Life Remaining

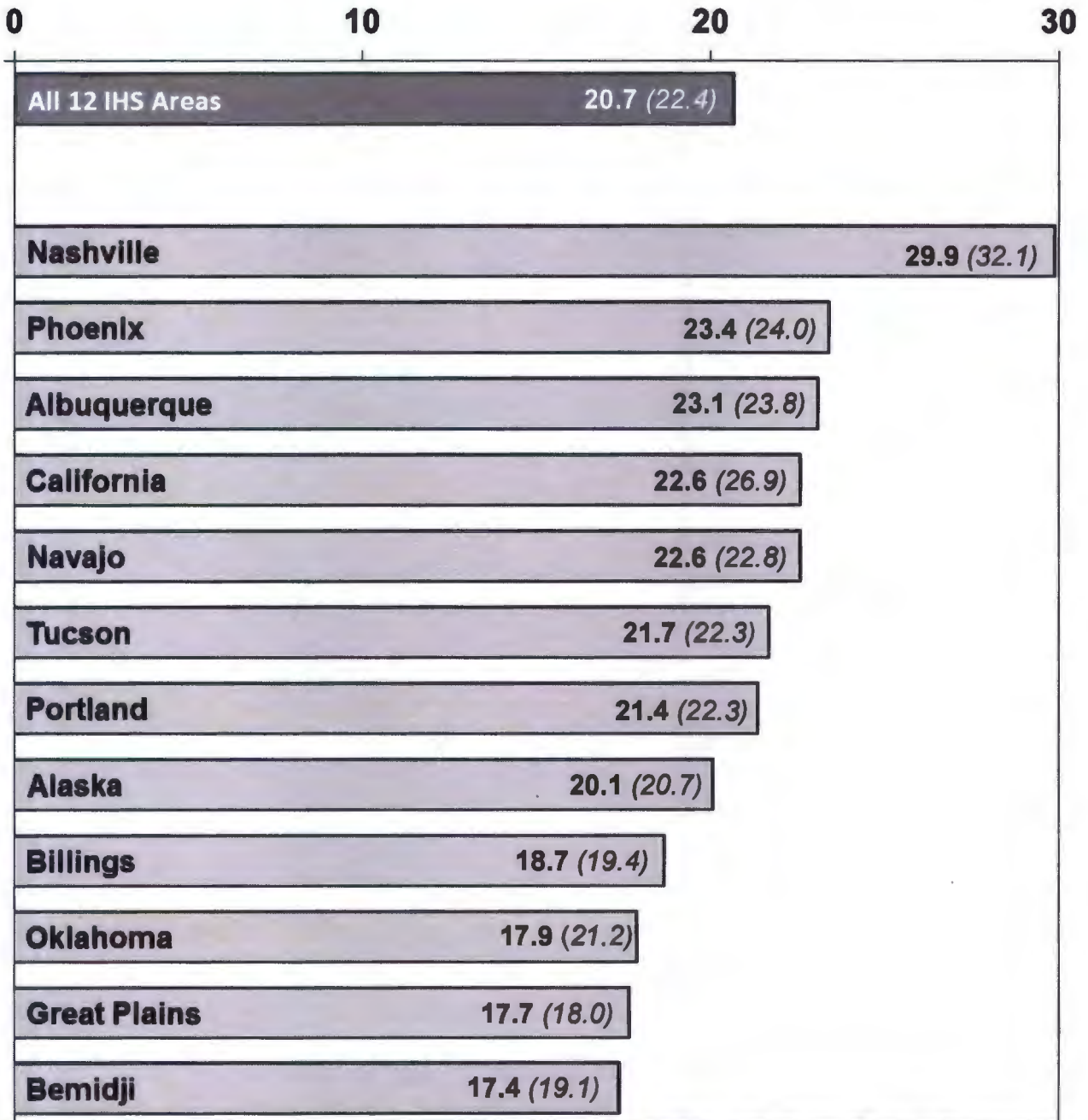


NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart D2. Life Expectancy at 60-64 Years, Males
CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 19.9
 U.S. White Population (2008) = 20.0
 U.S. Black Population (2008) = 17.6

Years of Life Remaining



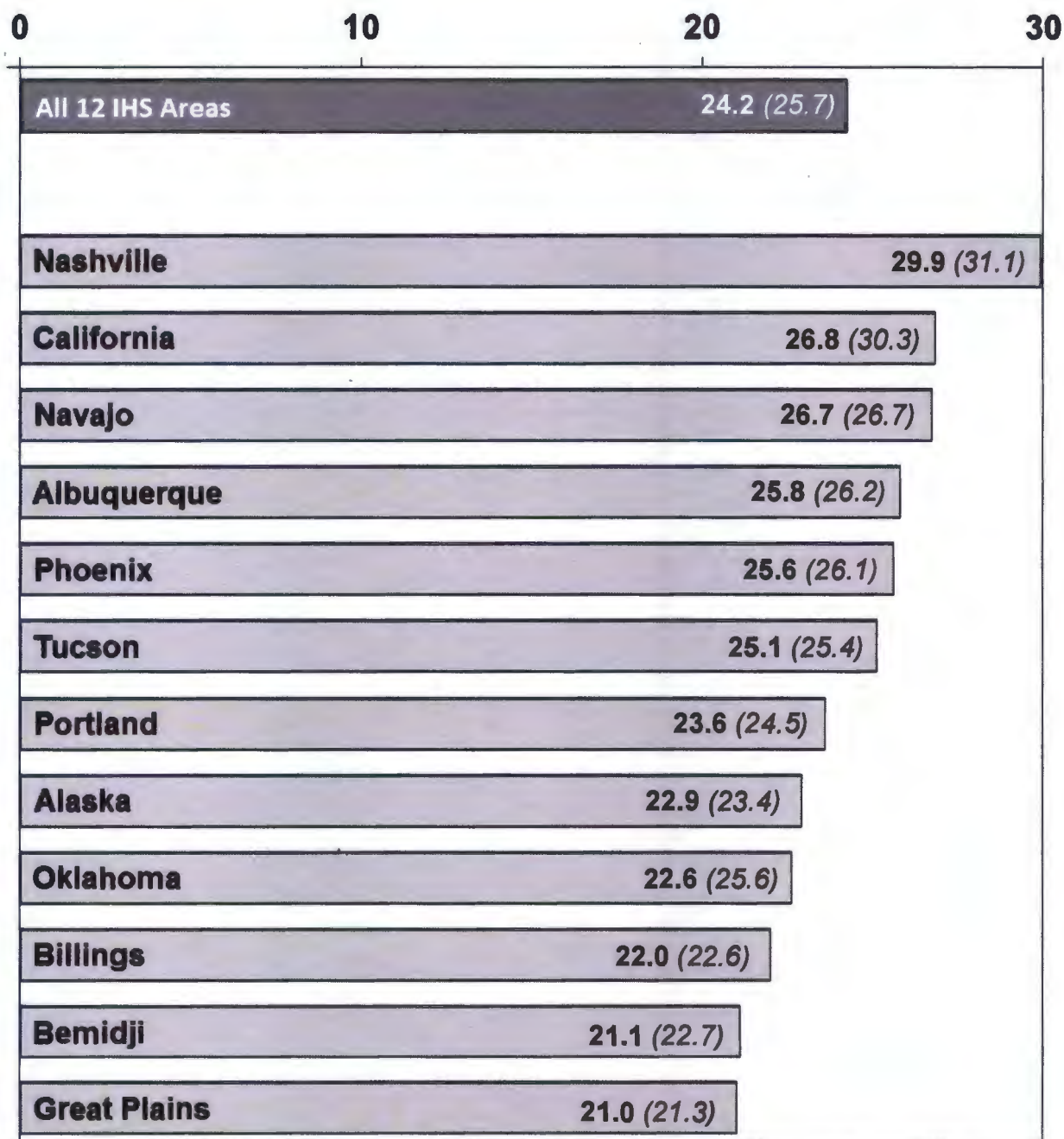
NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Chart D3. Life Expectancy at 60-64 Years, Females

CY 2007-2009 (Adjusted)

U.S. All Races (2008) = 22.8
 U.S. White Population (2008) = 22.9
 U.S. Black Population (2008) = 21.5

Years of Life Remaining



NOTE: Life expectancies not adjusted for misreporting of American Indian/Alaska Native race on state death certificates are shown in parentheses ().

Table A1. Life Tables for American Indians and Alaska Natives, Both Sexes in All 12 IHS Areas, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008386	100,000	839	99,284	7,372,891	73.7
1-4 years	0.002938	99,161	291	395,943	7,273,607	73.4
5-9 years	0.001420	98,870	140	493,962	6,877,664	69.6
10-14 years	0.001847	98,730	182	493,303	6,383,702	64.7
15-19 years	0.007782	98,548	767	491,022	5,890,399	59.8
20-24 years	0.011125	97,781	1,088	486,293	5,399,377	55.2
25-29 years	0.012414	96,693	1,200	480,569	4,913,084	50.8
30-34 years	0.015970	95,493	1,525	473,816	4,432,515	46.4
35-39 years	0.020402	93,968	1,917	465,230	3,958,699	42.1
40-44 years	0.027116	92,051	2,496	454,273	3,493,469	38.0
45-49 years	0.032443	89,555	2,905	440,920	3,039,196	33.9
50-54 years	0.042026	86,650	3,642	424,646	2,598,276	30.0
55-59 years	0.056642	83,008	4,702	403,892	2,173,630	26.2
60-64 years	0.076090	78,306	5,958	377,263	1,769,738	22.6
65-69 years	0.110321	72,348	7,981	342,387	1,392,475	19.2
70-74 years	0.156050	64,367	10,044	297,309	1,050,088	16.3
75-79 years	0.205547	54,323	11,166	243,967	752,779	13.9
80-84 years	0.277839	43,157	11,991	185,669	508,812	11.8
85+ years	1.000000	31,166	31,166	323,143	323,143	10.4

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A2. Life Tables for American Indians and Alaska Natives, Both Sexes in Alaska Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.011126	100,000	1,113	99,051	7,234,903	72.3
1-4 years	0.003195	98,887	316	394,787	7,135,852	72.2
5-9 years	0.001924	98,571	190	492,329	6,741,065	68.4
10-14 years	0.002720	98,381	268	491,394	6,248,736	63.5
15-19 years	0.009430	98,113	925	488,493	5,757,342	58.7
20-24 years	0.013986	97,188	1,359	482,677	5,268,849	54.2
25-29 years	0.012550	95,829	1,203	476,242	4,786,172	49.9
30-34 years	0.018634	94,626	1,763	468,912	4,309,930	45.5
35-39 years	0.019178	92,863	1,781	460,032	3,841,018	41.4
40-44 years	0.025238	91,082	2,299	449,900	3,380,986	37.1
45-49 years	0.029382	88,783	2,609	437,758	2,931,086	33.0
50-54 years	0.049875	86,174	4,298	420,716	2,493,328	28.9
55-59 years	0.054095	81,876	4,429	398,880	2,072,612	25.3
60-64 years	0.069346	77,447	5,371	374,374	1,673,732	21.6
65-69 years	0.114716	72,076	8,268	340,331	1,299,358	18.0
70-74 years	0.157734	63,808	10,065	294,463	959,027	15.0
75-79 years	0.238838	53,743	12,836	236,932	664,564	12.4
80-84 years	0.281968	40,907	11,534	175,567	427,632	10.5
85+ years	1.000000	29,373	29,373	252,065	252,065	8.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A3. Life Tables for American Indians and Alaska Natives, Both Sexes in Albuquerque Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.005601	100,000	560	99,522	7,635,808	76.4
1-4 years	0.001890	99,440	188	397,307	7,536,286	75.8
5-9 years	0.001058	99,252	105	495,969	7,138,979	71.9
10-14 years	0.003226	99,147	320	495,125	6,643,010	67.0
15-19 years	0.006608	98,827	653	492,672	6,147,885	62.2
20-24 years	0.010930	98,174	1,073	488,294	5,655,213	57.6
25-29 years	0.011993	97,101	1,165	482,693	5,166,919	53.2
30-34 years	0.014634	95,936	1,404	476,321	4,684,226	48.8
35-39 years	0.022674	94,532	2,143	467,506	4,207,905	44.5
40-44 years	0.024643	92,389	2,277	456,488	3,740,399	40.5
45-49 years	0.029857	90,112	2,691	444,210	3,283,911	36.4
50-54 years	0.031878	87,421	2,787	430,521	2,839,701	32.5
55-59 years	0.043265	84,634	3,662	414,488	2,409,180	28.5
60-64 years	0.060241	80,972	4,878	393,179	1,994,692	24.6
65-69 years	0.089494	76,094	6,810	363,956	1,601,513	21.0
70-74 years	0.130208	69,284	9,021	324,392	1,237,557	17.9
75-79 years	0.168862	60,263	10,176	276,118	913,165	15.2
80-84 years	0.236666	50,087	11,854	220,663	637,047	12.7
85+ years	1.000000	38,233	38,233	416,384	416,384	10.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A4. Life Tables for American Indians and Alaska Natives, Both Sexes in Bemidji Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.009130	100,000	913	99,221	7,055,853	70.6
1-4 years	0.003549	99,087	352	395,500	6,956,632	70.2
5-9 years	0.001222	98,735	121	493,340	6,561,132	66.5
10-14 years	0.001751	98,614	173	492,740	6,067,792	61.5
15-19 years	0.007837	98,441	772	490,476	5,575,052	56.6
20-24 years	0.011580	97,669	1,131	485,629	5,084,576	52.1
25-29 years	0.009735	96,538	940	480,421	4,598,947	47.6
30-34 years	0.017813	95,598	1,703	473,915	4,118,526	43.1
35-39 years	0.018940	93,895	1,778	465,199	3,644,611	38.8
40-44 years	0.030559	92,117	2,815	453,839	3,179,412	34.5
45-49 years	0.032857	89,302	2,934	439,586	2,725,573	30.5
50-54 years	0.053398	86,368	4,612	420,945	2,285,987	26.5
55-59 years	0.068856	81,756	5,629	395,435	1,865,042	22.8
60-64 years	0.100968	76,127	7,686	362,230	1,469,607	19.3
65-69 years	0.149125	68,441	10,206	317,456	1,107,377	16.2
70-74 years	0.201267	58,235	11,721	262,554	789,921	13.6
75-79 years	0.280527	46,514	13,048	200,262	527,367	11.3
80-84 years	0.363976	33,466	12,181	136,737	327,105	9.8
85+ years	1.000000	21,285	21,285	190,368	190,368	8.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A5. Life Tables for American Indians and Alaska Natives, Both Sexes in Billings Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.010210	100,000	1,021	99,129	6,942,152	69.4
1-4 years	0.002872	98,979	284	395,232	6,843,023	69.1
5-9 years	0.001951	98,695	193	492,941	6,447,791	65.3
10-14 years	0.002642	98,502	260	492,014	5,954,850	60.5
15-19 years	0.011321	98,242	1,112	488,719	5,462,836	55.6
20-24 years	0.017645	97,130	1,714	481,535	4,974,117	51.2
25-29 years	0.018143	95,416	1,731	472,902	4,492,582	47.1
30-34 years	0.026268	93,685	2,461	462,537	4,019,680	42.9
35-39 years	0.034350	91,224	3,134	448,583	3,557,143	39.0
40-44 years	0.027310	88,090	2,406	434,684	3,108,560	35.3
45-49 years	0.046567	85,684	3,990	419,004	2,673,876	31.2
50-54 years	0.045140	81,694	3,688	399,757	2,254,872	27.6
55-59 years	0.073797	78,006	5,757	376,381	1,855,115	23.8
60-64 years	0.094796	72,249	6,849	344,845	1,478,734	20.5
65-69 years	0.126063	65,400	8,245	307,007	1,133,889	17.3
70-74 years	0.177000	57,155	10,116	261,073	826,882	14.5
75-79 years	0.253562	47,039	11,927	205,663	565,809	12.0
80-84 years	0.291899	35,112	10,249	149,819	360,146	10.3
85+ years	1.000000	24,863	24,863	210,327	210,327	8.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A6. Life Tables for American Indians and Alaska Natives, Both Sexes in California Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007345	100,000	735	99,373	7,732,378	77.3
1-4 years	0.003339	99,265	331	396,263	7,633,005	76.9
5-9 years	0.000755	98,934	75	494,462	7,236,742	73.1
10-14 years	0.001726	98,859	171	493,969	6,742,280	68.2
15-19 years	0.006582	98,688	650	491,984	6,248,311	63.3
20-24 years	0.006569	98,038	644	488,644	5,756,327	58.7
25-29 years	0.010771	97,394	1,049	484,438	5,267,683	54.1
30-34 years	0.010152	96,345	978	479,385	4,783,245	49.6
35-39 years	0.013405	95,367	1,278	473,761	4,303,860	45.1
40-44 years	0.021783	94,089	2,050	465,532	3,830,099	40.7
45-49 years	0.024352	92,039	2,241	454,907	3,364,567	36.6
50-54 years	0.033438	89,798	3,003	441,896	2,909,660	32.4
55-59 years	0.050778	86,795	4,407	423,527	2,467,764	28.4
60-64 years	0.063939	82,388	5,268	399,325	2,044,237	24.8
65-69 years	0.102129	77,120	7,876	366,501	1,644,912	21.3
70-74 years	0.137770	69,244	9,540	322,925	1,278,411	18.5
75-79 years	0.181861	59,704	10,858	271,635	955,486	16.0
80-84 years	0.247820	48,846	12,105	213,828	683,851	14.0
85+ years	1.000000	36,741	36,741	470,023	470,023	12.8

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A7. Life Tables for American Indians and Alaska Natives, Both Sexes in Great Plains Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.012020	100,000	1,202	98,975	6,957,142	69.6
1-4 years	0.001745	98,798	172	394,778	6,858,167	69.4
5-9 years	0.000891	98,626	88	492,886	6,463,389	65.5
10-14 years	0.001879	98,538	185	492,337	5,970,503	60.6
15-19 years	0.012337	98,353	1,213	489,048	5,478,166	55.7
20-24 years	0.012144	97,140	1,180	482,867	4,989,118	51.4
25-29 years	0.011429	95,960	1,097	477,152	4,506,251	47.0
30-34 years	0.018061	94,863	1,713	470,216	4,029,099	42.5
35-39 years	0.024423	93,150	2,275	460,279	3,558,883	38.2
40-44 years	0.036006	90,875	3,272	446,534	3,098,604	34.1
45-49 years	0.040695	87,603	3,565	429,602	2,652,070	30.3
50-54 years	0.052529	84,038	4,414	409,762	2,222,468	26.4
55-59 years	0.080868	79,624	6,439	382,854	1,812,706	22.8
60-64 years	0.117715	73,185	8,615	345,296	1,429,852	19.5
65-69 years	0.153793	64,570	9,930	298,771	1,084,556	16.8
70-74 years	0.194897	54,640	10,649	247,197	785,785	14.4
75-79 years	0.246339	43,991	10,837	193,122	538,588	12.2
80-84 years	0.301322	33,154	9,990	140,680	345,466	10.4
85+ years	1.000000	23,164	23,164	204,786	204,786	8.8

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A8. Life Tables for American Indians and Alaska Natives, Both Sexes in Nashville Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.009692	100,000	969	99,173	8,229,961	82.3
1-4 years	0.002438	99,031	241	395,543	8,130,788	82.1
5-9 years	0.000151	98,790	15	493,908	7,735,245	78.3
10-14 years	0.001230	98,775	121	493,644	7,241,337	73.3
15-19 years	0.002852	98,654	281	492,641	6,747,693	68.4
20-24 years	0.009541	98,373	939	489,610	6,255,052	63.6
25-29 years	0.007735	97,434	754	485,350	5,765,442	59.2
30-34 years	0.009267	96,680	896	481,256	5,280,092	54.6
35-39 years	0.010388	95,784	995	476,527	4,798,836	50.1
40-44 years	0.016968	94,789	1,608	470,091	4,322,309	45.6
45-49 years	0.021843	93,181	2,035	461,103	3,852,218	41.3
50-54 years	0.032068	91,146	2,923	448,825	3,391,115	37.2
55-59 years	0.042035	88,223	3,708	432,324	2,942,290	33.4
60-64 years	0.059351	84,515	5,016	410,564	2,509,966	29.7
65-69 years	0.077736	79,499	6,180	382,509	2,099,402	26.4
70-74 years	0.109556	73,319	8,033	346,980	1,716,893	23.4
75-79 years	0.149516	65,286	9,761	302,261	1,369,913	21.0
80-84 years	0.173147	55,525	9,614	253,479	1,067,652	19.2
85+ years	1.000000	45,911	45,911	814,173	814,173	17.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A9. Life Tables for American Indians and Alaska Natives, Both Sexes in Navajo Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.006803	100,000	680	99,420	7,589,481	75.9
1-4 years	0.002541	99,320	252	396,673	7,490,061	75.4
5-9 years	0.001267	99,068	126	494,991	7,093,388	71.6
10-14 years	0.001490	98,942	147	494,430	6,598,397	66.7
15-19 years	0.007172	98,795	709	492,387	6,103,967	61.8
20-24 years	0.011657	98,086	1,143	487,686	5,611,580	57.2
25-29 years	0.014945	96,943	1,449	481,218	5,123,894	52.9
30-34 years	0.021069	95,494	2,012	472,656	4,642,676	48.6
35-39 years	0.024929	93,482	2,330	461,806	4,170,020	44.6
40-44 years	0.030915	91,152	2,818	449,007	3,708,214	40.7
45-49 years	0.027484	88,334	2,428	435,940	3,259,207	36.9
50-54 years	0.028978	85,906	2,489	423,650	2,823,267	32.9
55-59 years	0.040333	83,417	3,364	409,109	2,399,617	28.8
60-64 years	0.053059	80,053	4,248	390,093	1,990,508	24.9
65-69 years	0.077676	75,805	5,888	364,747	1,600,415	21.1
70-74 years	0.119617	69,917	8,363	329,164	1,235,668	17.7
75-79 years	0.150755	61,554	9,280	284,792	906,504	14.7
80-84 years	0.224276	52,274	11,724	231,925	621,712	11.9
85+ years	1.000000	40,550	40,550	389,787	389,787	9.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A10. Life Tables for American Indians and Alaska Natives, Both Sexes in Oklahoma Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.007870	100,000	787	99,329	7,028,767	70.3
1-4 years	0.004846	99,213	481	395,693	6,929,438	69.8
5-9 years	0.002770	98,732	273	492,904	6,533,745	66.2
10-14 years	0.002312	98,459	228	491,860	6,040,841	61.4
15-19 years	0.009195	98,231	903	489,132	5,548,981	56.5
20-24 years	0.011557	97,328	1,125	483,939	5,059,849	52.0
25-29 years	0.016625	96,203	1,599	477,156	4,575,910	47.6
30-34 years	0.020342	94,604	1,924	468,417	4,098,754	43.3
35-39 years	0.023661	92,680	2,193	458,126	3,630,337	39.2
40-44 years	0.033381	90,487	3,021	445,195	3,172,211	35.1
45-49 years	0.042184	87,466	3,690	428,622	2,727,016	31.2
50-54 years	0.049926	83,776	4,183	408,998	2,298,394	27.4
55-59 years	0.071234	79,593	5,670	384,522	1,889,396	23.7
60-64 years	0.095241	73,923	7,040	352,757	1,504,874	20.4
65-69 years	0.141173	66,883	9,442	311,519	1,152,117	17.2
70-74 years	0.188693	57,441	10,839	260,738	840,598	14.6
75-79 years	0.249589	46,602	11,631	204,211	579,860	12.4
80-84 years	0.333161	34,971	11,651	145,593	375,649	10.7
85+ years	1.000000	23,320	23,320	230,056	230,056	9.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A11. Life Tables for American Indians and Alaska Natives, Both Sexes in Phoenix Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.006937	100,000	694	99,408	7,615,767	76.2
1-4 years	0.002037	99,306	202	396,737	7,516,359	75.7
5-9 years	0.000949	99,104	94	495,260	7,119,622	71.8
10-14 years	0.001415	99,010	140	494,783	6,624,362	66.9
15-19 years	0.005653	98,870	559	493,098	6,129,579	62.0
20-24 years	0.010554	98,311	1,038	489,063	5,636,481	57.3
25-29 years	0.009582	97,273	932	484,116	5,147,418	52.9
30-34 years	0.012834	96,341	1,236	478,748	4,663,302	48.4
35-39 years	0.021462	95,105	2,041	470,616	4,184,554	44.0
40-44 years	0.023413	93,064	2,179	460,098	3,713,938	39.9
45-49 years	0.033077	90,885	3,006	447,331	3,253,840	35.8
50-54 years	0.039918	87,879	3,508	431,108	2,806,509	31.9
55-59 years	0.052688	84,371	4,445	411,317	2,375,401	28.2
60-64 years	0.062249	79,926	4,975	387,717	1,964,084	24.6
65-69 years	0.089384	74,951	6,699	358,511	1,576,367	21.0
70-74 years	0.139344	68,252	9,511	318,036	1,217,856	17.8
75-79 years	0.165941	58,741	9,748	269,568	899,820	15.3
80-84 years	0.251193	48,993	12,307	214,056	630,252	12.9
85+ years	1.000000	36,686	36,686	416,196	416,196	11.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A12. Life Tables for American Indians and Alaska Natives, Both Sexes in Portland Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008310	100,000	831	99,291	7,489,768	74.9
1-4 years	0.002242	99,169	222	396,141	7,390,477	74.5
5-9 years	0.001354	98,947	134	494,364	6,994,336	70.7
10-14 years	0.001078	98,813	107	493,861	6,499,972	65.8
15-19 years	0.006657	98,706	657	492,058	6,006,111	60.8
20-24 years	0.010454	98,049	1,025	487,784	5,514,053	56.2
25-29 years	0.009656	97,024	937	482,859	5,026,269	51.8
30-34 years	0.011384	96,087	1,094	477,817	4,543,410	47.3
35-39 years	0.014671	94,993	1,394	471,612	4,065,593	42.8
40-44 years	0.022121	93,599	2,070	463,034	3,593,981	38.4
45-49 years	0.028714	91,529	2,628	451,443	3,130,947	34.2
50-54 years	0.042383	88,901	3,768	435,603	2,679,504	30.1
55-59 years	0.050590	85,133	4,307	415,454	2,243,901	26.4
60-64 years	0.071525	80,826	5,781	390,287	1,828,447	22.6
65-69 years	0.097533	75,045	7,319	357,477	1,438,160	19.2
70-74 years	0.155834	67,726	10,554	312,859	1,080,683	16.0
75-79 years	0.194408	57,172	11,115	258,338	767,824	13.4
80-84 years	0.305730	46,057	14,081	194,920	509,486	11.1
85+ years	1.000000	31,976	31,976	314,566	314,566	9.8

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A13. Life Tables for American Indians and Alaska Natives, Both Sexes in Tucson Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007824	100,000	782	99,333	7,331,514	73.3
1-4 years	0.002152	99,218	214	396,357	7,232,181	72.9
5-9 years	0.000973	99,004	96	494,754	6,835,824	69.0
10-14 years	0.000000	98,908	0	494,540	6,341,070	64.1
15-19 years	0.009747	98,908	964	492,381	5,846,530	59.1
20-24 years	0.012585	97,944	1,233	486,760	5,354,149	54.7
25-29 years	0.013964	96,711	1,350	480,297	4,867,389	50.3
30-34 years	0.011443	95,361	1,091	474,195	4,387,092	46.0
35-39 years	0.027788	94,270	2,620	465,049	3,912,897	41.5
40-44 years	0.035344	91,650	3,239	450,488	3,447,848	37.6
45-49 years	0.039125	88,411	3,459	433,892	2,997,360	33.9
50-54 years	0.067315	84,952	5,719	411,249	2,563,468	30.2
55-59 years	0.058702	79,233	4,651	385,138	2,152,219	27.2
60-64 years	0.072159	74,582	5,382	360,022	1,767,081	23.7
65-69 years	0.089398	69,200	6,186	331,000	1,407,059	20.3
70-74 years	0.156191	63,014	9,842	291,037	1,076,059	17.1
75-79 years	0.211327	53,172	11,237	238,036	785,022	14.8
80-84 years	0.252272	41,935	10,579	183,105	546,986	13.0
85+ years	1.000000	31,356	31,356	363,881	363,881	11.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A14. Life Tables for American Indians and Alaska Natives, Males in All 12 IHS Areas, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.009174	100,000	917	99,214	6,990,526	69.9
1-4 years	0.003675	99,083	364	395,468	6,891,312	69.6
5-9 years	0.001515	98,719	150	493,179	6,495,844	65.8
10-14 years	0.001948	98,569	192	492,515	6,002,665	60.9
15-19 years	0.009794	98,377	964	489,736	5,510,150	56.0
20-24 years	0.014822	97,413	1,444	483,579	5,020,414	51.5
25-29 years	0.017326	95,969	1,663	475,799	4,536,835	47.3
30-34 years	0.019363	94,306	1,826	467,147	4,061,036	43.1
35-39 years	0.024443	92,480	2,261	456,938	3,593,889	38.9
40-44 years	0.031284	90,219	2,822	444,284	3,136,951	34.8
45-49 years	0.038796	87,397	3,391	428,919	2,692,667	30.8
50-54 years	0.051829	84,006	4,354	409,708	2,263,748	26.9
55-59 years	0.068910	79,652	5,489	385,190	1,854,040	23.3
60-64 years	0.097401	74,163	7,224	353,401	1,468,850	19.8
65-69 years	0.135771	66,939	9,088	312,490	1,115,449	16.7
70-74 years	0.180749	57,851	10,457	263,442	802,959	13.9
75-79 years	0.241515	47,394	11,446	208,137	539,517	11.4
80-84 years	0.329758	35,948	11,854	149,277	331,380	9.2
85+ years	1.000000	24,094	24,094	182,103	182,103	7.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A15. Life Tables for American Indians and Alaska Natives, Males in Alaska Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.011209	100,000	1,121	99,039	6,986,826	69.9
1-4 years	0.003416	98,879	338	394,713	6,887,787	69.7
5-9 years	0.002149	98,541	212	492,117	6,493,074	65.9
10-14 years	0.003787	98,329	372	491,007	6,000,957	61.0
15-19 years	0.011796	97,957	1,155	487,211	5,509,950	56.2
20-24 years	0.019636	96,802	1,901	479,421	5,022,739	51.9
25-29 years	0.016793	94,901	1,594	470,627	4,543,318	47.9
30-34 years	0.019850	93,307	1,852	462,090	4,072,691	43.6
35-39 years	0.026521	91,455	2,425	451,417	3,610,601	39.5
40-44 years	0.022577	89,030	2,010	440,299	3,159,184	35.5
45-49 years	0.031067	87,020	2,703	428,671	2,718,885	31.2
50-54 years	0.062224	84,317	5,247	409,146	2,290,214	27.2
55-59 years	0.059834	79,070	4,731	384,085	1,881,068	23.8
60-64 years	0.071297	74,339	5,300	358,919	1,496,983	20.1
65-69 years	0.130711	69,039	9,024	323,146	1,138,064	16.5
70-74 years	0.198831	60,015	11,933	270,618	814,918	13.6
75-79 years	0.274161	48,082	13,182	207,204	544,300	11.3
80-84 years	0.308304	34,900	10,760	146,849	337,096	9.7
85+ years	1.000000	24,140	24,140	190,247	190,247	7.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A16. Life Tables for American Indians and Alaska Natives, Males in Albuquerque Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.006434	100,000	643	99,449	7,268,100	72.7
1-4 years	0.002200	99,357	219	396,908	7,168,651	72.2
5-9 years	0.000707	99,138	70	495,496	6,771,743	68.3
10-14 years	0.004153	99,068	411	494,635	6,276,247	63.4
15-19 years	0.008899	98,657	878	491,328	5,781,612	58.6
20-24 years	0.014764	97,779	1,444	485,409	5,290,284	54.1
25-29 years	0.015173	96,335	1,462	478,118	4,804,875	49.9
30-34 years	0.023279	94,873	2,209	469,063	4,326,757	45.6
35-39 years	0.027658	92,664	2,563	457,129	3,857,694	41.6
40-44 years	0.036367	90,101	3,277	442,595	3,400,565	37.7
45-49 years	0.039523	86,824	3,432	425,957	2,957,970	34.1
50-54 years	0.045667	83,392	3,808	407,933	2,532,013	30.4
55-59 years	0.054991	79,584	4,376	387,500	2,124,080	26.7
60-64 years	0.073469	75,208	5,525	362,722	1,736,580	23.1
65-69 years	0.103492	69,683	7,212	330,794	1,373,858	19.7
70-74 years	0.141218	62,471	8,822	290,578	1,043,064	16.7
75-79 years	0.191772	53,649	10,288	242,329	752,486	14.0
80-84 years	0.229891	43,361	9,968	191,189	510,157	11.8
85+ years	1.000000	33,393	33,393	318,968	318,968	9.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A17. Life Tables for American Indians and Alaska Natives, Males in Bemidji Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.010337	100,000	1,034	99,114	6,765,416	67.7
1-4 years	0.004343	98,966	430	394,843	6,666,302	67.4
5-9 years	0.000610	98,536	60	492,513	6,271,459	63.6
10-14 years	0.003390	98,476	334	491,807	5,778,946	58.7
15-19 years	0.010835	98,142	1,063	488,341	5,287,139	53.9
20-24 years	0.013885	97,079	1,348	482,141	4,798,798	49.4
25-29 years	0.010136	95,731	970	476,295	4,316,657	45.1
30-34 years	0.018760	94,761	1,778	469,537	3,840,362	40.5
35-39 years	0.023642	92,983	2,198	459,606	3,370,825	36.3
40-44 years	0.034006	90,785	3,087	446,474	2,911,219	32.1
45-49 years	0.043639	87,698	3,827	429,387	2,464,745	28.1
50-54 years	0.067933	83,871	5,698	405,847	2,035,358	24.3
55-59 years	0.078001	78,173	6,098	376,345	1,629,511	20.8
60-64 years	0.123060	72,075	8,870	338,993	1,253,166	17.4
65-69 years	0.167053	63,205	10,559	290,226	914,173	14.5
70-74 years	0.240369	52,646	12,654	231,994	623,947	11.9
75-79 years	0.319779	39,992	12,789	167,744	391,953	9.8
80-84 years	0.385669	27,203	10,491	109,055	224,209	8.2
85+ years	1.000000	16,712	16,712	115,154	115,154	6.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A18. Life Tables for American Indians and Alaska Natives, Males in Billings Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.011712	100,000	1,171	98,996	6,627,813	66.3
1-4 years	0.002858	98,829	282	394,646	6,528,817	66.1
5-9 years	0.002362	98,547	233	492,088	6,134,171	62.2
10-14 years	0.000000	98,314	0	491,570	5,642,083	57.4
15-19 years	0.014294	98,314	1,405	488,439	5,150,513	52.4
20-24 years	0.022928	96,909	2,222	479,181	4,662,074	48.1
25-29 years	0.021888	94,687	2,073	468,392	4,182,893	44.2
30-34 years	0.032547	92,614	3,014	455,835	3,714,501	40.1
35-39 years	0.041237	89,600	3,695	439,074	3,258,666	36.4
40-44 years	0.031207	85,905	2,681	423,054	2,819,592	32.8
45-49 years	0.054555	83,224	4,540	405,321	2,396,538	28.8
50-54 years	0.057312	78,684	4,510	382,729	1,991,217	25.3
55-59 years	0.095315	74,174	7,070	354,035	1,608,488	21.7
60-64 years	0.106153	67,104	7,123	318,350	1,254,453	18.7
65-69 years	0.139785	59,981	8,384	279,420	936,103	15.6
70-74 years	0.228915	51,597	11,811	228,830	656,683	12.7
75-79 years	0.302385	39,786	12,031	168,624	427,853	10.8
80-84 years	0.291579	27,755	8,093	117,977	259,229	9.3
85+ years	1.000000	19,662	19,662	141,252	141,252	7.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A19. Life Tables for American Indians and Alaska Natives, Males in California Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.008009	100,000	801	99,314	7,417,702	74.2
1-4 years	0.003301	99,199	327	396,019	7,318,388	73.8
5-9 years	0.000490	98,872	48	494,227	6,922,369	70.0
10-14 years	0.001885	98,824	186	493,801	6,428,142	65.0
15-19 years	0.007778	98,638	767	491,481	5,934,341	60.2
20-24 years	0.008244	97,871	807	487,407	5,442,860	55.6
25-29 years	0.012406	97,064	1,204	482,391	4,955,453	51.1
30-34 years	0.012530	95,860	1,201	476,417	4,473,062	46.7
35-39 years	0.017145	94,659	1,623	469,375	3,996,645	42.2
40-44 years	0.025725	93,036	2,393	459,404	3,527,270	37.9
45-49 years	0.030232	90,643	2,740	446,698	3,067,866	33.8
50-54 years	0.042369	87,903	3,724	430,687	2,621,168	29.8
55-59 years	0.061835	84,179	5,205	408,501	2,190,481	26.0
60-64 years	0.078907	78,974	6,232	379,847	1,781,980	22.6
65-69 years	0.122578	72,742	8,917	341,923	1,402,133	19.3
70-74 years	0.168138	63,825	10,731	292,635	1,060,210	16.6
75-79 years	0.213394	53,094	11,330	236,930	767,575	14.5
80-84 years	0.287846	41,764	12,022	177,925	530,645	12.7
85+ years	1.000000	29,742	29,742	352,720	352,720	11.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A20. Life Tables for American Indians and Alaska Natives, Males in Great Plains Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.012455	100,000	1,246	98,932	6,582,200	65.8
1-4 years	0.002443	98,754	241	394,444	6,483,268	65.7
5-9 years	0.000994	98,513	98	492,293	6,088,824	61.8
10-14 years	0.001863	98,415	183	491,761	5,596,531	56.9
15-19 years	0.016416	98,232	1,613	487,565	5,104,770	52.0
20-24 years	0.018177	96,619	1,756	478,856	4,617,205	47.8
25-29 years	0.017557	94,863	1,666	470,262	4,138,349	43.6
30-34 years	0.023397	93,197	2,181	460,750	3,668,087	39.4
35-39 years	0.029805	91,016	2,713	448,527	3,207,337	35.2
40-44 years	0.045975	88,303	4,060	431,716	2,758,810	31.2
45-49 years	0.057439	84,243	4,839	409,705	2,327,094	27.6
50-54 years	0.062843	79,404	4,990	385,191	1,917,389	24.1
55-59 years	0.105864	74,414	7,878	353,311	1,532,198	20.6
60-64 years	0.141301	66,536	9,402	310,016	1,178,887	17.7
65-69 years	0.164223	57,134	9,383	262,744	868,871	15.2
70-74 years	0.219620	47,751	10,487	212,868	606,127	12.7
75-79 years	0.309414	37,264	11,530	157,276	393,259	10.6
80-84 years	0.337838	25,734	8,694	106,328	235,983	9.2
85+ years	1.000000	17,040	17,040	129,655	129,655	7.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A21. Life Tables for American Indians and Alaska Natives, Males in Nashville Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	T _x	E _x
Under 1 year	0.010670	100,000	1,067	99,086	8,094,468	80.9
1-4 years	0.002404	98,933	238	395,167	7,995,382	80.8
5-9 years	0.000295	98,695	29	493,395	7,600,215	77.0
10-14 years	0.002086	98,666	206	492,976	7,106,820	72.0
15-19 years	0.003715	98,460	366	491,484	6,613,844	67.2
20-24 years	0.012154	98,094	1,192	487,592	6,122,360	62.4
25-29 years	0.008786	96,902	851	482,440	5,634,768	58.1
30-34 years	0.013128	96,051	1,261	477,228	5,152,328	53.6
35-39 years	0.011041	94,790	1,047	471,421	4,675,100	49.3
40-44 years	0.021535	93,743	2,019	463,842	4,203,679	44.8
45-49 years	0.025855	91,724	2,372	452,978	3,739,837	40.8
50-54 years	0.040814	89,352	3,647	438,114	3,286,859	36.8
55-59 years	0.052310	85,705	4,483	417,850	2,848,745	33.2
60-64 years	0.066677	81,222	5,416	393,054	2,430,895	29.9
65-69 years	0.081751	75,806	6,197	363,889	2,037,841	26.9
70-74 years	0.119717	69,609	8,333	327,475	1,673,952	24.0
75-79 years	0.158766	61,276	9,729	281,873	1,346,477	22.0
80-84 years	0.206172	51,547	10,628	230,423	1,064,604	20.7
85+ years	1.000000	40,919	40,919	834,181	834,181	20.4

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A22. Life Tables for American Indians and Alaska Natives, Males in Navajo Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007341	100,000	734	99,371	7,112,302	71.1
1-4 years	0.002350	99,266	233	396,511	7,012,931	70.6
5-9 years	0.001736	99,033	172	494,688	6,616,420	66.8
10-14 years	0.001622	98,861	160	494,030	6,121,732	61.9
15-19 years	0.009648	98,701	952	491,383	5,627,702	57.0
20-24 years	0.017950	97,749	1,755	484,508	5,136,319	52.5
25-29 years	0.021669	95,994	2,080	474,910	4,651,811	48.5
30-34 years	0.033361	93,914	3,133	462,050	4,176,901	44.5
35-39 years	0.036766	90,781	3,338	445,842	3,714,851	40.9
40-44 years	0.042841	87,443	3,746	428,173	3,269,009	37.4
45-49 years	0.036503	83,697	3,055	411,218	2,840,836	33.9
50-54 years	0.041387	80,642	3,338	395,297	2,429,618	30.1
55-59 years	0.053132	77,304	4,107	376,741	2,034,321	26.3
60-64 years	0.067673	73,197	4,953	354,045	1,657,580	22.6
65-69 years	0.104561	68,244	7,136	323,784	1,303,535	19.1
70-74 years	0.151478	61,108	9,256	282,692	979,751	16.0
75-79 years	0.173343	51,852	8,988	236,619	697,059	13.4
80-84 years	0.268021	42,864	11,488	184,798	460,440	10.7
85+ years	1.000000	31,376	31,376	275,642	275,642	8.8

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A23. Life Tables for American Indians and Alaska Natives, Males in Oklahoma Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.008975	100,000	898	99,230	6,671,561	66.7
1-4 years	0.005222	99,102	518	395,178	6,572,331	66.3
5-9 years	0.002337	98,584	230	492,282	6,177,153	62.7
10-14 years	0.003007	98,354	296	491,262	5,684,871	57.8
15-19 years	0.010727	98,058	1,052	487,945	5,193,609	53.0
20-24 years	0.015024	97,006	1,457	481,513	4,705,664	48.5
25-29 years	0.020432	95,549	1,952	472,996	4,224,151	44.2
30-34 years	0.026412	93,597	2,472	462,051	3,751,155	40.1
35-39 years	0.026350	91,125	2,401	449,825	3,289,104	36.1
40-44 years	0.041248	88,724	3,660	434,786	2,839,279	32.0
45-49 years	0.054329	85,064	4,621	414,328	2,404,493	28.3
50-54 years	0.058542	80,443	4,709	391,052	1,990,165	24.7
55-59 years	0.089804	75,734	6,801	362,476	1,599,113	21.1
60-64 years	0.116752	68,933	8,048	325,265	1,236,637	17.9
65-69 years	0.171373	60,885	10,434	278,931	911,372	15.0
70-74 years	0.231040	50,451	11,656	223,482	632,441	12.5
75-79 years	0.299672	38,795	11,626	164,689	408,959	10.5
80-84 years	0.408412	27,169	11,096	107,330	244,270	9.0
85+ years	1.000000	16,073	16,073	136,940	136,940	8.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A24. Life Tables for American Indians and Alaska Natives, Males in Phoenix Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007818	100,000	782	99,330	7,297,450	73.0
1-4 years	0.002555	99,218	253	396,271	7,198,120	72.5
5-9 years	0.001204	98,965	119	494,495	6,801,849	68.7
10-14 years	0.001683	98,846	166	493,945	6,307,354	63.8
15-19 years	0.006818	98,680	673	491,900	5,813,409	58.9
20-24 years	0.015848	98,007	1,553	486,286	5,321,509	54.3
25-29 years	0.012431	96,454	1,199	479,353	4,835,223	50.1
30-34 years	0.017486	95,255	1,666	472,276	4,355,870	45.7
35-39 years	0.027667	93,589	2,589	461,691	3,883,594	41.5
40-44 years	0.031944	91,000	2,907	447,983	3,421,903	37.6
45-49 years	0.041789	88,093	3,681	431,709	2,973,920	33.8
50-54 years	0.052900	84,412	4,465	411,475	2,542,211	30.1
55-59 years	0.066563	79,947	5,322	387,062	2,130,736	26.7
60-64 years	0.079029	74,625	5,898	358,907	1,743,674	23.4
65-69 years	0.089895	68,727	6,178	328,540	1,384,767	20.1
70-74 years	0.162291	62,549	10,151	287,687	1,056,227	16.9
75-79 years	0.181725	52,398	9,522	238,004	768,540	14.7
80-84 years	0.286976	42,876	12,304	182,761	530,536	12.4
85+ years	1.000000	30,572	30,572	347,775	347,775	11.4

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A25. Life Tables for American Indians and Alaska Natives, Males in Portland Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.009335	100,000	934	99,200	7,277,535	72.8
1-4 years	0.002794	99,066	277	395,606	7,178,335	72.5
5-9 years	0.001148	98,789	113	493,631	6,782,729	68.7
10-14 years	0.001264	98,676	125	493,165	6,289,098	63.7
15-19 years	0.008097	98,551	798	490,976	5,795,933	58.8
20-24 years	0.014743	97,753	1,441	485,286	5,304,957	54.3
25-29 years	0.013258	96,312	1,277	478,453	4,819,671	50.0
30-34 years	0.012251	95,035	1,164	472,381	4,341,218	45.7
35-39 years	0.017478	93,871	1,641	465,391	3,868,837	41.2
40-44 years	0.023463	92,230	2,164	455,927	3,403,446	36.9
45-49 years	0.030015	90,066	2,703	443,901	2,947,519	32.7
50-54 years	0.049142	87,363	4,293	426,638	2,503,618	28.7
55-59 years	0.057120	83,070	4,745	404,051	2,076,980	25.0
60-64 years	0.082516	78,325	6,463	376,046	1,672,929	21.4
65-69 years	0.105026	71,862	7,547	340,870	1,296,883	18.0
70-74 years	0.154691	64,315	9,949	297,016	956,013	14.9
75-79 years	0.201942	54,366	10,979	244,174	658,997	12.1
80-84 years	0.352480	43,387	15,293	177,634	414,823	9.6
85+ years	1.000000	28,094	28,094	237,189	237,189	8.4

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A26. Life Tables for American Indians and Alaska Natives, Males in Tucson Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.009864	100,000	986	99,155	6,933,175	69.3
1-4 years	0.001689	99,014	167	395,659	6,834,020	69.0
5-9 years	0.000000	98,847	0	494,235	6,438,361	65.1
10-14 years	0.000000	98,847	0	494,235	5,944,126	60.1
15-19 years	0.013318	98,847	1,316	491,302	5,449,891	55.1
20-24 years	0.018256	97,531	1,781	483,356	4,958,589	50.8
25-29 years	0.018876	95,750	1,807	474,354	4,475,233	46.7
30-34 years	0.013523	93,943	1,270	466,667	4,000,879	42.6
35-39 years	0.040584	92,673	3,761	454,280	3,534,212	38.1
40-44 years	0.044971	88,912	3,998	434,910	3,079,932	34.6
45-49 years	0.053477	84,914	4,541	413,769	2,645,022	31.1
50-54 years	0.089493	80,373	7,193	384,813	2,231,253	27.8
55-59 years	0.061719	73,180	4,517	355,144	1,846,440	25.2
60-64 years	0.086204	68,663	5,919	329,047	1,491,296	21.7
65-69 years	0.106069	62,744	6,655	297,460	1,162,249	18.5
70-74 years	0.152032	56,089	8,527	259,396	864,789	15.4
75-79 years	0.265065	47,562	12,607	206,053	605,393	12.7
80-84 years	0.285339	34,955	9,974	149,143	399,340	11.4
85+ years	1.000000	24,981	24,981	250,197	250,197	10.0

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A27. Life Tables for American Indians and Alaska Natives, Females in All 12 IHS Areas, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.007468	100,000	747	99,367	7,706,237	77.1
1-4 years	0.002619	99,253	260	396,376	7,606,870	76.6
5-9 years	0.001481	98,993	147	494,557	7,210,494	72.8
10-14 years	0.001465	98,846	145	493,902	6,715,937	67.9
15-19 years	0.005628	98,701	556	492,243	6,222,035	63.0
20-24 years	0.006746	98,145	662	489,171	5,729,792	58.4
25-29 years	0.008722	97,483	850	485,413	5,240,621	53.8
30-34 years	0.011065	96,633	1,069	480,628	4,755,208	49.2
35-39 years	0.015406	95,564	1,472	474,311	4,274,580	44.7
40-44 years	0.021096	94,092	1,985	465,758	3,800,269	40.4
45-49 years	0.024855	92,107	2,289	455,193	3,334,511	36.2
50-54 years	0.032274	89,818	2,899	442,281	2,879,318	32.1
55-59 years	0.044890	86,919	3,902	425,418	2,437,037	28.0
60-64 years	0.062249	83,017	5,168	402,810	2,011,619	24.2
65-69 years	0.094739	77,849	7,375	371,507	1,608,809	20.7
70-74 years	0.135431	70,474	9,544	329,352	1,237,302	17.6
75-79 years	0.180448	60,930	10,995	277,845	907,950	14.9
80-84 years	0.246598	49,935	12,314	219,300	630,105	12.6
85+ years	1.000000	37,621	37,621	410,805	410,805	10.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A28. Life Tables for American Indians and Alaska Natives, Females in Alaska Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.011040	100,000	1,104	99,064	7,482,762	74.8
1-4 years	0.002953	98,896	292	394,870	7,383,698	74.7
5-9 years	0.001670	98,604	165	492,562	6,988,828	70.9
10-14 years	0.001596	98,439	157	491,840	6,496,266	66.0
15-19 years	0.006819	98,282	670	489,890	6,004,426	61.1
20-24 years	0.007887	97,612	770	486,252	5,514,536	56.5
25-29 years	0.007970	96,842	772	482,392	5,028,284	51.9
30-34 years	0.017418	96,070	1,673	476,379	4,545,892	47.3
35-39 years	0.011700	94,397	1,104	469,354	4,069,513	43.1
40-44 years	0.028069	93,293	2,619	460,261	3,600,159	38.6
45-49 years	0.027830	90,674	2,523	447,482	3,139,898	34.6
50-54 years	0.038204	88,151	3,368	432,845	2,692,416	30.5
55-59 years	0.048644	84,783	4,124	414,216	2,259,571	26.7
60-64 years	0.067620	80,659	5,454	390,341	1,845,355	22.9
65-69 years	0.099346	75,205	7,471	358,057	1,455,014	19.3
70-74 years	0.124524	67,734	8,435	318,327	1,096,957	16.2
75-79 years	0.210839	59,299	12,503	266,014	778,630	13.1
80-84 years	0.260566	46,796	12,193	203,903	512,616	11.0
85+ years	1.000000	34,603	34,603	308,713	308,713	8.9

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A29. Life Tables for American Indians and Alaska Natives, Females in Albuquerque Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.004752	100,000	475	99,597	7,982,857	79.8
1-4 years	0.001574	99,525	157	397,716	7,883,260	79.2
5-9 years	0.001406	99,368	140	496,452	7,485,544	75.3
10-14 years	0.002340	99,228	232	495,616	6,989,092	70.4
15-19 years	0.004322	98,996	428	494,009	6,493,476	65.6
20-24 years	0.007199	98,568	710	491,173	5,999,467	60.9
25-29 years	0.008883	97,858	869	487,244	5,508,294	56.3
30-34 years	0.006198	96,989	601	483,518	5,021,050	51.8
35-39 years	0.017802	96,388	1,716	477,850	4,537,532	47.1
40-44 years	0.013809	94,672	1,307	470,264	4,059,682	42.9
45-49 years	0.021116	93,365	1,972	462,223	3,589,418	38.4
50-54 years	0.020080	91,393	1,835	452,655	3,127,195	34.2
55-59 years	0.033256	89,558	2,978	440,786	2,674,540	29.9
60-64 years	0.048766	86,580	4,222	422,872	2,233,754	25.8
65-69 years	0.078582	82,358	6,472	396,224	1,810,882	22.0
70-74 years	0.123953	75,886	9,406	356,745	1,414,658	18.6
75-79 years	0.152209	66,480	10,119	307,731	1,057,913	15.9
80-84 years	0.241618	56,361	13,618	248,213	750,182	13.3
85+ years	1.000000	42,743	42,743	501,969	501,969	11.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A30. Life Tables for American Indians and Alaska Natives, Females in Bemidji Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.007840	100,000	784	99,335	7,355,260	73.6
1-4 years	0.002698	99,216	268	396,208	7,255,925	73.1
5-9 years	0.001833	98,948	181	494,238	6,859,717	69.3
10-14 years	0.000000	98,767	0	493,835	6,365,479	64.4
15-19 years	0.004632	98,767	457	492,798	5,871,644	59.4
20-24 years	0.009090	98,310	894	489,451	5,378,846	54.7
25-29 years	0.009278	97,416	904	484,951	4,889,395	50.2
30-34 years	0.016830	96,512	1,624	478,705	4,404,444	45.6
35-39 years	0.014190	94,888	1,346	471,232	3,925,739	41.4
40-44 years	0.027368	93,542	2,560	461,646	3,454,507	36.9
45-49 years	0.022503	90,982	2,047	450,133	2,992,861	32.9
50-54 years	0.039443	88,935	3,508	436,436	2,542,728	28.6
55-59 years	0.060216	85,427	5,144	415,037	2,106,292	24.7
60-64 years	0.080294	80,283	6,446	386,104	1,691,255	21.1
65-69 years	0.133544	73,837	9,860	345,471	1,305,151	17.7
70-74 years	0.170809	63,977	10,928	293,529	959,680	15.0
75-79 years	0.249863	53,049	13,255	232,931	666,151	12.6
80-84 years	0.348239	39,794	13,858	164,786	433,220	10.9
85+ years	1.000000	25,936	25,936	268,434	268,434	10.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A31. Life Tables for American Indians and Alaska Natives, Females in Billings Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.008742	100,000	874	99,259	7,258,806	72.6
1-4 years	0.002869	99,126	284	395,809	7,159,547	72.2
5-9 years	0.001506	98,842	149	493,797	6,763,738	68.4
10-14 years	0.005604	98,693	553	492,216	6,269,941	63.5
15-19 years	0.008065	98,140	791	488,905	5,777,725	58.9
20-24 years	0.012258	97,349	1,193	483,944	5,288,820	54.3
25-29 years	0.014056	96,156	1,352	477,596	4,804,876	50.0
30-34 years	0.019956	94,804	1,892	469,529	4,327,280	45.6
35-39 years	0.028072	92,912	2,608	458,344	3,857,751	41.5
40-44 years	0.023908	90,304	2,159	446,406	3,399,407	37.6
45-49 years	0.039099	88,145	3,446	432,683	2,953,001	33.5
50-54 years	0.033718	84,699	2,856	416,787	2,520,318	29.8
55-59 years	0.052801	81,843	4,321	399,052	2,103,531	25.7
60-64 years	0.083805	77,522	6,497	372,178	1,704,479	22.0
65-69 years	0.113775	71,025	8,081	335,689	1,332,301	18.8
70-74 years	0.139999	62,944	8,812	293,467	996,612	15.8
75-79 years	0.213349	54,132	11,549	242,505	703,145	13.0
80-84 years	0.292387	42,583	12,451	182,202	460,640	10.8
85+ years	1.000000	30,132	30,132	278,438	278,438	9.2

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A32. Life Tables for American Indians and Alaska Natives, Females in California Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i>	<i>Proportion of persons alive at beginning of age interval dying during interval</i>	<i>Number of living at beginning of age interval</i>	<i>Number dying during age interval</i>	<i>Person-years lived in the age interval</i>	<i>Total number of person-years lived in this and all subsequent age intervals</i>	<i>Average number of years remaining at beginning of age interval</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.006672	100,000	667	99,434	8,045,766	80.5
1-4 years	0.003355	99,333	333	396,517	7,946,332	80.0
5-9 years	0.001034	99,000	102	494,717	7,549,815	76.3
10-14 years	0.001580	98,898	156	494,138	7,055,098	71.3
15-19 years	0.005276	98,742	521	492,528	6,560,960	66.4
20-24 years	0.004862	98,221	478	489,983	6,068,432	61.8
25-29 years	0.009001	97,743	880	486,643	5,578,449	57.1
30-34 years	0.007626	96,863	739	482,561	5,091,806	52.6
35-39 years	0.009511	96,124	914	478,441	4,609,245	48.0
40-44 years	0.017874	95,210	1,702	472,018	4,130,804	43.4
45-49 years	0.018844	93,508	1,762	463,428	3,658,786	39.1
50-54 years	0.025217	91,746	2,314	453,295	3,195,358	34.8
55-59 years	0.039983	89,432	3,576	438,750	2,742,063	30.7
60-64 years	0.050059	85,856	4,298	419,071	2,303,313	26.8
65-69 years	0.084138	81,558	6,862	391,286	1,884,242	23.1
70-74 years	0.112628	74,696	8,413	353,190	1,492,956	20.0
75-79 years	0.155563	66,283	10,311	306,278	1,139,766	17.2
80-84 years	0.217916	55,972	12,197	249,773	833,488	14.9
85+ years	1.000000	43,775	43,775	583,715	583,715	13.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A33. Life Tables for American Indians and Alaska Natives, Females in Great Plains Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.011560	100,000	1,156	99,020	7,325,226	73.3
1-4 years	0.001035	98,844	102	395,126	7,226,206	73.1
5-9 years	0.000781	98,742	77	493,496	6,831,080	69.2
10-14 years	0.001927	98,665	190	492,896	6,337,584	64.2
15-19 years	0.008011	98,475	789	490,585	5,844,688	59.4
20-24 years	0.005985	97,686	585	487,057	5,354,103	54.8
25-29 years	0.005577	97,101	542	484,229	4,867,046	50.1
30-34 years	0.013323	96,559	1,286	479,742	4,382,817	45.4
35-39 years	0.019548	95,273	1,862	471,927	3,903,075	41.0
40-44 years	0.026536	93,411	2,479	461,183	3,431,148	36.7
45-49 years	0.025262	90,932	2,297	449,299	2,969,965	32.7
50-54 years	0.043450	88,635	3,851	434,130	2,520,666	28.4
55-59 years	0.059880	84,784	5,077	411,979	2,086,536	24.6
60-64 years	0.096172	79,707	7,666	380,327	1,674,557	21.0
65-69 years	0.145478	72,041	10,480	335,000	1,294,230	18.0
70-74 years	0.178478	61,561	10,987	281,307	959,230	15.6
75-79 years	0.201577	50,574	10,195	228,016	677,923	13.4
80-84 years	0.278542	40,379	11,247	174,152	449,907	11.1
85+ years	1.000000	29,132	29,132	275,755	275,755	9.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A34. Life Tables for American Indians and Alaska Natives, Females in Nashville Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.008674	100,000	867	99,265	8,407,614	84.1
1-4 years	0.002461	99,133	244	395,935	8,308,349	83.8
5-9 years	0.000000	98,889	0	494,445	7,912,414	80.0
10-14 years	0.000357	98,889	35	494,366	7,417,969	75.0
15-19 years	0.001939	98,854	192	493,834	6,923,603	70.0
20-24 years	0.006623	98,662	653	491,777	6,429,769	65.2
25-29 years	0.006525	98,009	639	488,540	5,937,992	60.6
30-34 years	0.005056	97,370	492	485,682	5,449,452	56.0
35-39 years	0.009702	96,878	940	482,149	4,963,770	51.2
40-44 years	0.012367	95,938	1,186	476,881	4,481,621	46.7
45-49 years	0.017776	94,752	1,684	469,830	4,004,740	42.3
50-54 years	0.023749	93,068	2,210	460,149	3,534,910	38.0
55-59 years	0.032242	90,858	2,929	447,401	3,074,761	33.8
60-64 years	0.052469	87,929	4,614	428,686	2,627,360	29.9
65-69 years	0.074188	83,315	6,181	401,709	2,198,674	26.4
70-74 years	0.101519	77,134	7,831	366,783	1,796,965	23.3
75-79 years	0.142268	69,303	9,860	322,477	1,430,182	20.6
80-84 years	0.149798	59,443	8,904	275,251	1,107,705	18.6
85+ years	1.000000	50,539	50,539	832,454	832,454	16.5

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A35. Life Tables for American Indians and Alaska Natives, Females in Navajo Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.006247	100,000	625	99,470	8,065,677	80.7
1-4 years	0.002715	99,375	270	396,840	7,966,207	80.2
5-9 years	0.000793	99,105	79	495,306	7,569,367	76.4
10-14 years	0.001373	99,026	136	494,823	7,074,061	71.4
15-19 years	0.004628	98,890	458	493,411	6,579,238	66.5
20-24 years	0.005261	98,432	518	490,944	6,085,827	61.8
25-29 years	0.007730	97,914	757	487,787	5,594,883	57.1
30-34 years	0.008626	97,157	838	483,796	5,107,096	52.6
35-39 years	0.013954	96,319	1,344	478,391	4,623,300	48.0
40-44 years	0.019986	94,975	1,898	470,379	4,144,909	43.6
45-49 years	0.019363	93,077	1,802	461,179	3,674,530	39.5
50-54 years	0.018209	91,275	1,662	452,472	3,213,351	35.2
55-59 years	0.029105	89,613	2,608	441,931	2,760,879	30.8
60-64 years	0.040917	87,005	3,560	426,569	2,318,948	26.7
65-69 years	0.056148	83,445	4,685	405,957	1,892,379	22.7
70-74 years	0.097098	78,760	7,647	375,357	1,486,422	18.9
75-79 years	0.133912	71,113	9,523	332,349	1,111,065	15.6
80-84 years	0.194618	61,590	11,987	278,381	778,716	12.6
85+ years	1.000000	49,603	49,603	500,335	500,335	10.1

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A36. Life Tables for American Indians and Alaska Natives, Females in Oklahoma Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.006717	100,000	672	99,430	7,395,303	74.0
1-4 years	0.004420	99,328	439	396,238	7,295,873	73.5
5-9 years	0.003205	98,889	317	493,566	6,899,635	69.8
10-14 years	0.001622	98,572	160	492,499	6,406,069	65.0
15-19 years	0.007471	98,412	735	490,392	5,913,570	60.1
20-24 years	0.007991	97,677	781	486,552	5,423,178	55.5
25-29 years	0.012669	96,896	1,228	481,588	4,936,626	50.9
30-34 years	0.014375	95,668	1,375	475,076	4,455,038	46.6
35-39 years	0.021025	94,293	1,983	466,738	3,979,962	42.2
40-44 years	0.025659	92,310	2,369	455,938	3,513,224	38.1
45-49 years	0.030916	89,941	2,781	443,215	3,057,286	34.0
50-54 years	0.042110	87,160	3,670	427,180	2,614,071	30.0
55-59 years	0.054508	83,490	4,551	406,746	2,186,891	26.2
60-64 years	0.076324	78,939	6,025	380,384	1,780,145	22.6
65-69 years	0.113336	72,914	8,264	344,694	1,399,761	19.2
70-74 years	0.158281	64,650	10,233	298,570	1,055,067	16.3
75-79 years	0.209829	54,417	11,418	244,249	756,497	13.9
80-84 years	0.279423	42,999	12,015	185,357	512,248	11.9
85+ years	1.000000	30,984	30,984	326,891	326,891	10.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A37. Life Tables for American Indians and Alaska Natives, Females in Phoenix Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
x to x+n	nQx	lx	nDx	nLx	Tx	Ex
Under 1 year	0.006094	100,000	609	99,484	7,932,225	79.3
1-4 years	0.001512	99,391	150	397,197	7,832,741	78.8
5-9 years	0.000691	99,241	69	496,014	7,435,544	74.9
10-14 years	0.001154	99,172	114	495,603	6,939,530	70.0
15-19 years	0.004458	99,058	442	494,287	6,443,927	65.1
20-24 years	0.005178	98,616	511	491,880	5,949,640	60.3
25-29 years	0.006703	98,105	658	488,976	5,457,760	55.6
30-34 years	0.008189	97,447	798	485,341	4,968,784	51.0
35-39 years	0.015163	96,649	1,465	479,753	4,483,443	46.4
40-44 years	0.014826	95,184	1,411	472,578	4,003,690	42.1
45-49 years	0.024905	93,773	2,335	463,416	3,531,112	37.7
50-54 years	0.028434	91,438	2,600	451,084	3,067,696	33.5
55-59 years	0.040458	88,838	3,594	435,737	2,616,612	29.5
60-64 years	0.047293	85,244	4,031	416,645	2,180,875	25.6
65-69 years	0.088990	81,213	7,227	388,683	1,764,230	21.7
70-74 years	0.123041	73,986	9,103	347,976	1,375,547	18.6
75-79 years	0.152776	64,883	9,913	300,248	1,027,571	15.8
80-84 years	0.223037	54,970	12,260	244,608	727,323	13.2
85+ years	1.000000	42,710	42,710	482,715	482,715	11.3

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A38. Life Tables for American Indians and Alaska Natives, Females in Portland Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.007219	100,000	722	99,388	7,689,646	76.9
1-4 years	0.001650	99,278	164	396,711	7,590,258	76.5
5-9 years	0.001561	99,114	155	495,140	7,193,547	72.6
10-14 years	0.000890	98,959	88	494,596	6,698,407	67.7
15-19 years	0.005105	98,871	505	493,209	6,203,811	62.7
20-24 years	0.005891	98,366	579	490,471	5,710,602	58.1
25-29 years	0.005842	97,787	571	487,590	5,220,131	53.4
30-34 years	0.010425	97,216	1,013	483,675	4,732,541	48.7
35-39 years	0.011750	96,203	1,130	478,322	4,248,866	44.2
40-44 years	0.020861	95,073	1,983	470,668	3,770,544	39.7
45-49 years	0.027583	93,090	2,568	459,457	3,299,876	35.4
50-54 years	0.036181	90,522	3,275	444,918	2,840,419	31.4
55-59 years	0.044536	87,247	3,886	427,095	2,395,501	27.5
60-64 years	0.061016	83,361	5,086	404,725	1,968,406	23.6
65-69 years	0.090351	78,275	7,072	374,366	1,563,681	20.0
70-74 years	0.159996	71,203	11,392	328,540	1,189,315	16.7
75-79 years	0.188397	59,811	11,268	271,585	860,775	14.4
80-84 years	0.271326	48,543	13,171	210,226	589,190	12.1
85+ years	1.000000	35,372	35,372	378,964	378,964	10.7

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.

Table A39. Life Tables for American Indians and Alaska Natives, Females in Tucson Area, 2007-2009 (Adjusted^{1/})

<i>Period of life between two exact ages stated in years</i> (1)	<i>Proportion of persons alive at beginning of age interval dying during interval</i> (2)	<i>Number of living at beginning of age interval</i> (3)	<i>Number dying during age interval</i> (4)	<i>Person-years lived in the age interval</i> (5)	<i>Total number of person-years lived in this and all subsequent age intervals</i> (6)	<i>Average number of years remaining at beginning of age interval</i> (7)
<i>x to x+n</i>	<i>nQx</i>	<i>lx</i>	<i>nDx</i>	<i>nLx</i>	<i>Tx</i>	<i>Ex</i>
Under 1 year	0.005805	100,000	581	99,507	7,704,355	77.0
1-4 years	0.002618	99,419	260	397,040	7,604,848	76.5
5-9 years	0.002048	99,159	203	495,232	7,207,808	72.7
10-14 years	0.000000	98,956	0	494,780	6,712,576	67.8
15-19 years	0.005917	98,956	586	493,450	6,217,796	62.8
20-24 years	0.006833	98,370	672	490,272	5,724,346	58.2
25-29 years	0.009483	97,698	926	486,309	5,234,074	53.6
30-34 years	0.009455	96,772	915	481,688	4,747,765	49.1
35-39 years	0.016007	95,857	1,534	475,629	4,266,077	44.5
40-44 years	0.026686	94,323	2,517	465,653	3,790,448	40.2
45-49 years	0.025718	91,806	2,361	453,520	3,324,795	36.2
50-54 years	0.048423	89,445	4,331	437,053	2,871,275	32.1
55-59 years	0.056050	85,114	4,771	414,349	2,434,222	28.6
60-64 years	0.060645	80,343	4,872	390,143	2,019,873	25.1
65-69 years	0.075717	75,471	5,714	363,612	1,629,730	21.6
70-74 years	0.163062	69,757	11,375	321,351	1,266,118	18.2
75-79 years	0.176788	58,382	10,321	266,748	944,767	16.2
80-84 years	0.230143	48,061	11,061	213,020	678,019	14.1
85+ years	1.000000	37,000	37,000	464,999	464,999	12.6

^{1/} Counts of death by age, sex, and IHS area of residence were adjusted to compensate for misreporting of AI/AN race on the state death certificate.