

Mortality from **ALZHEIMER'S DISEASE** Among Arizona Residents

2000-2017



ARIZONA DEPARTMENT
OF HEALTH SERVICES

~ Health and Wellness for all Arizonans ~



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MORTALITY FROM ALZHEIMER'S DISEASE AMONG ARIZONA RESIDENTS, 2000-2017

by

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PURPOSE

In 2000, Alzheimer's disease was the 7th leading cause of death for all ages, a ranking that changed since then, as the disease was 5th leading cause of death in 2017. Alzheimer's disease is a progressive degenerative and increasingly debilitating condition characterized by progressive loss of memory, difficulty in finding right words or understanding what people are saying, difficulty in performing previously routine tasks, and changes in personality. Alzheimer's disease gradually destroys vital nerve cells in the brain. At later stages of the disease, persons with Alzheimer's disease are bedridden and susceptible to developing other medical conditions, especially pneumonia. These secondary conditions may also result in death.

The purpose of this report is to provide information to individuals interested in Alzheimer's disease mortality among Arizona residents. The data for 2017 are placed in a temporal context by comparison with the data for the preceding years.

METHODS AND SOURCES

Data on the number and characteristics of Alzheimer's deaths were obtained from the death certificates filed with the Arizona Department of Health Services. Population denominators for Arizona residents, used to calculate rates, are the latest available estimates by the Arizona Office of Economic Opportunity and census enumerations from the U.S. Census Bureau (www.census.gov/).

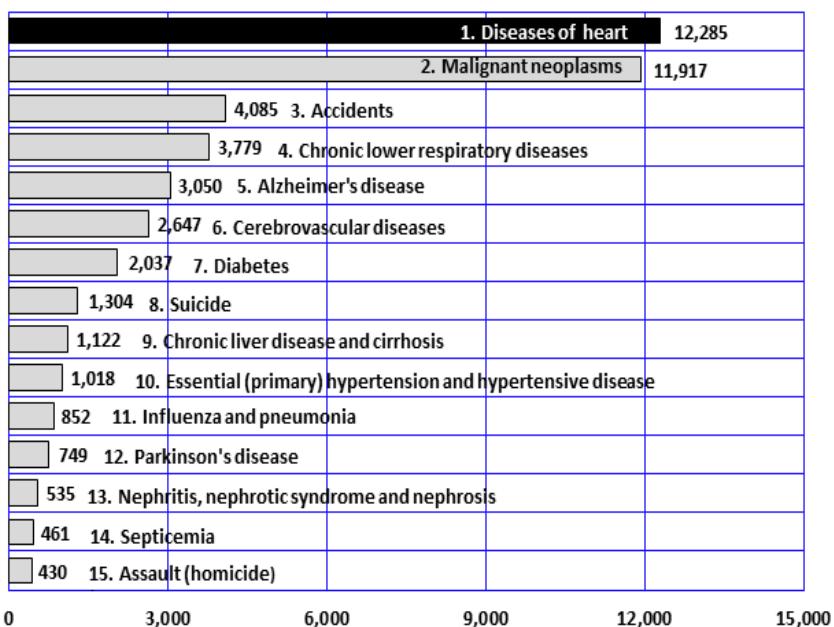
Beginning with the 2000 data year, two major changes have occurred in Arizona, affecting the computation of mortality rates, tabulation of leading causes of death and analyses of mortality data over time. First, a new revision of the International Classification of Diseases (ICD), used to classify causes of death, was implemented. The Tenth Revision (ICD-10) has replaced the Ninth Revision (ICD-9), which was in effect since 1979. Second, a new population standard for the age adjustment of mortality rates has replaced the standard based on the 1940 population and used since 1943.

Both changes have profound effects on the comparability of mortality data and continuity in statistical trends. Age-adjusted rates can only be compared to other age-adjusted rates that use the same population standard.

Breaks in comparability of mortality statistics effective with deaths occurring in 2000 also result from the implementation of ICD-10. Any comparison of causes of mortality in Arizona from the 2000-2017 period and prior years needs to take into account the changes in statistical trends that can be attributed to changes in the classification system alone.

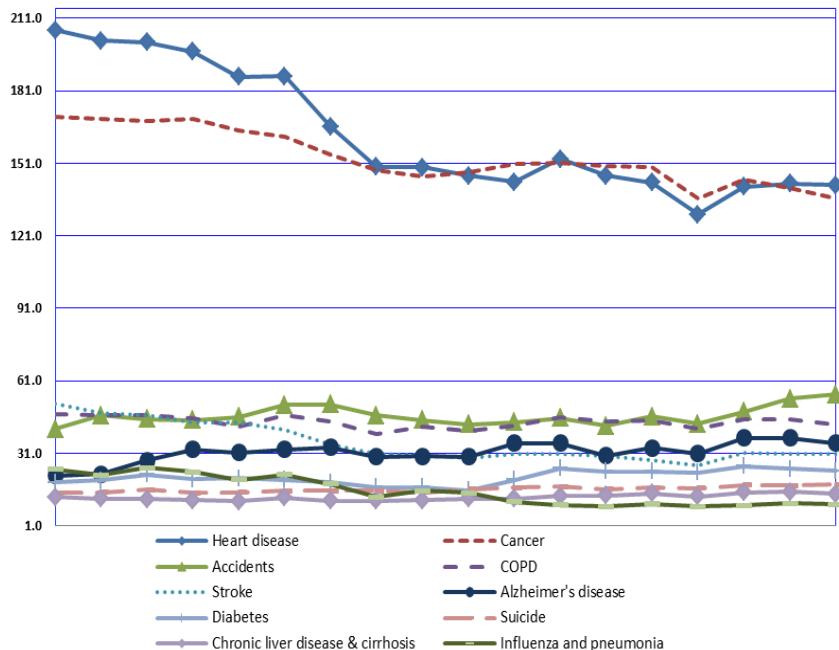
This report includes tables where small cells and related totals are suppressed. Using suppression rules similar to those used by the National Center for Health Statistics (NCHS), this report now attempts to maintain the anonymity of the individuals whose vital records are summarized herein. In cell suppression, the first task is primary suppression, or removing non-zero counts in the body of a table that fall below a certain number. Primary cells that were less than six but greater than zero were suppressed and identified with an asterisk (*). Next, secondary suppression is used to obfuscate the totals or sums with components, or addends that fall below the threshold for primary suppression. These totals are typically reported in the margins of table rows and columns. Column or row totals that contained a non-zero addend less than 6 were rounded to the nearest tens-unit and identified with a dagger (†). In certain cases where these rules would have dictated the rounding of a row or column total but the value of the information contained in the total was identified as important or attainable from other sources, these rules were relaxed and the original value was reported.

Figure 1
Alzheimer's Disease among the Leading Causes of Death
Arizona, 2017



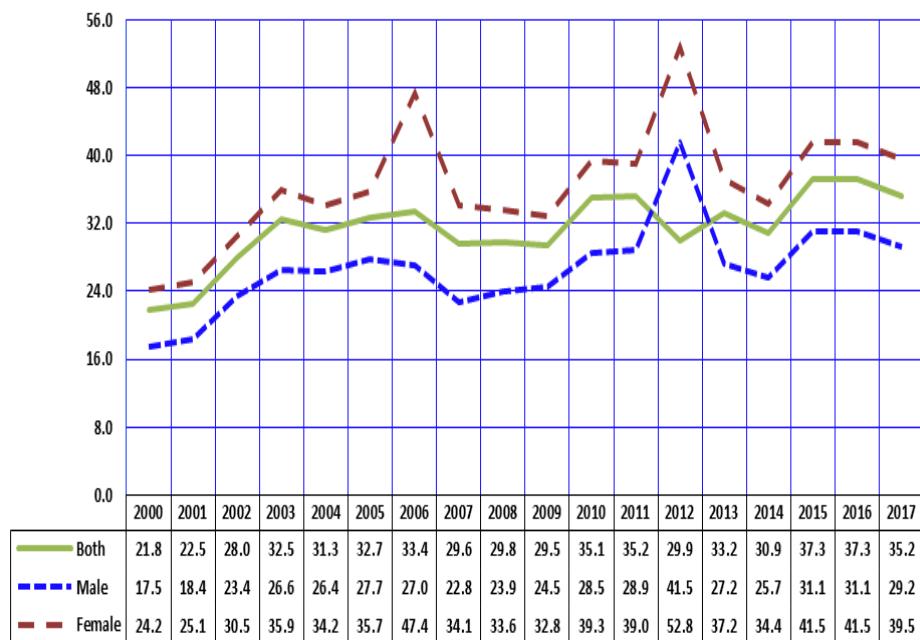
The number of deaths from Alzheimer's disease in Arizona in 2017 made Alzheimer's disease the 5th leading cause of deaths for all ages. (**Figure 1**). More Arizonans died in 2017 from Alzheimer's disease than they did from other chronic diseases, such as diabetes, chronic liver disease and cirrhosis, or nephritis (kidney disease).

Figure 2
Trends in Age-Adjusted Mortality Rates for Alzheimer's Disease and other Leading Causes of Death by Year,
Arizona, 2000-2017



The trend in mortality from Alzheimer's disease (**Figure 2**) reflects a number of factors such as 1) changes in attitudes of physicians and the public about attributing Alzheimer's disease as a cause of death, 2) availability of improved diagnostic procedures, 3) increase in the number of deaths attributed to Alzheimer's disease due to changes in coding and classification of causes of mortality, 4) decreases in several other leading causes of death (homicide, diabetes, suicide, atherosclerosis).

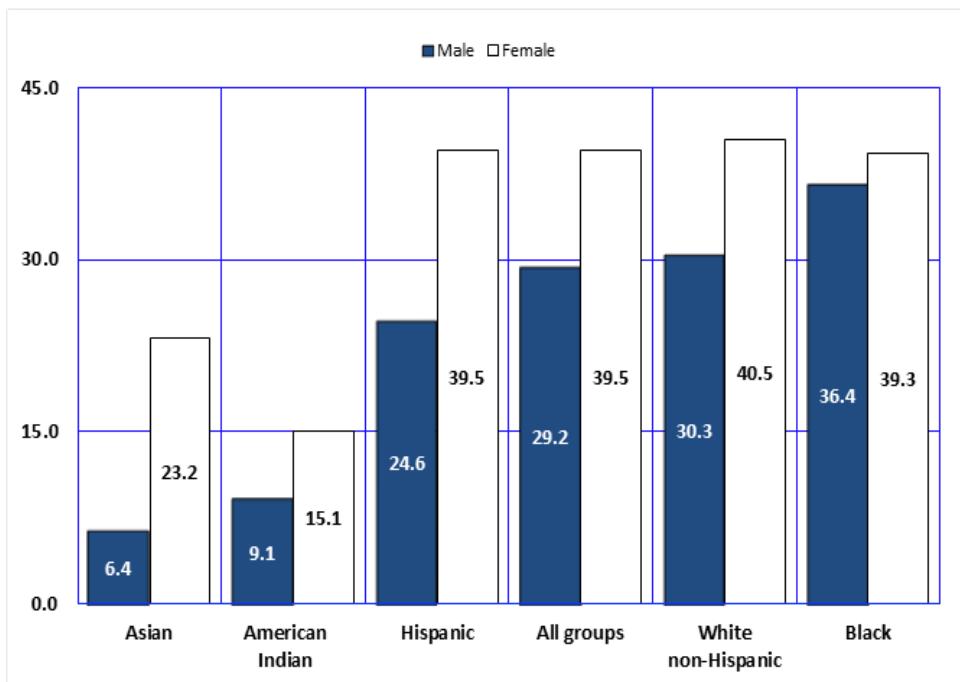
Figure 3
Age-Adjusted Mortality Rates for Alzheimer's Disease
by Gender and Year, Arizona, 2000-2017



The age-adjusted mortality rate for Alzheimer's disease increased by 61.5 percent from 21.8/100,000 in 2000 to 35.2/100,000 in 2017 (**Figure 3**). Among males, the age-adjusted mortality rate for Alzheimer's disease increased by 66.9 percent during that time.

In 2000, the risk that a female will die from Alzheimer's was 38.3 percent greater than the male mortality risk. In 2017, however, the female-to-male mortality ratio has diminished to 35.3 percent.

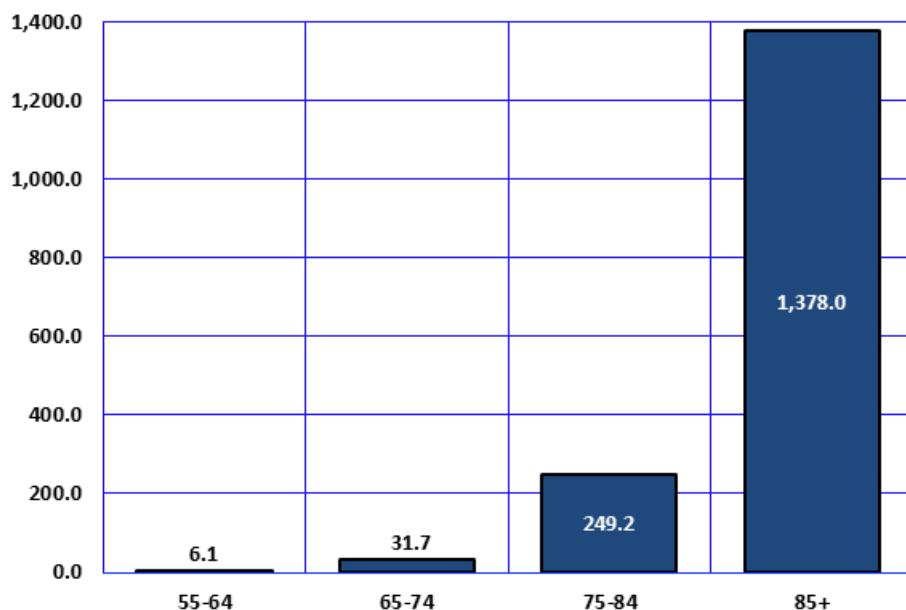
Figure 4
Age-Adjusted Mortality Rates for Alzheimer's Disease
by Gender and Race/Ethnic Group, Arizona, 2017



The 2017 death rate for Alzheimer's disease among White non-Hispanic females was the highest among race/gender groups in Arizona (**Figure 4**). Black and White non-Hispanics had the highest death rates for Alzheimer's disease among males.

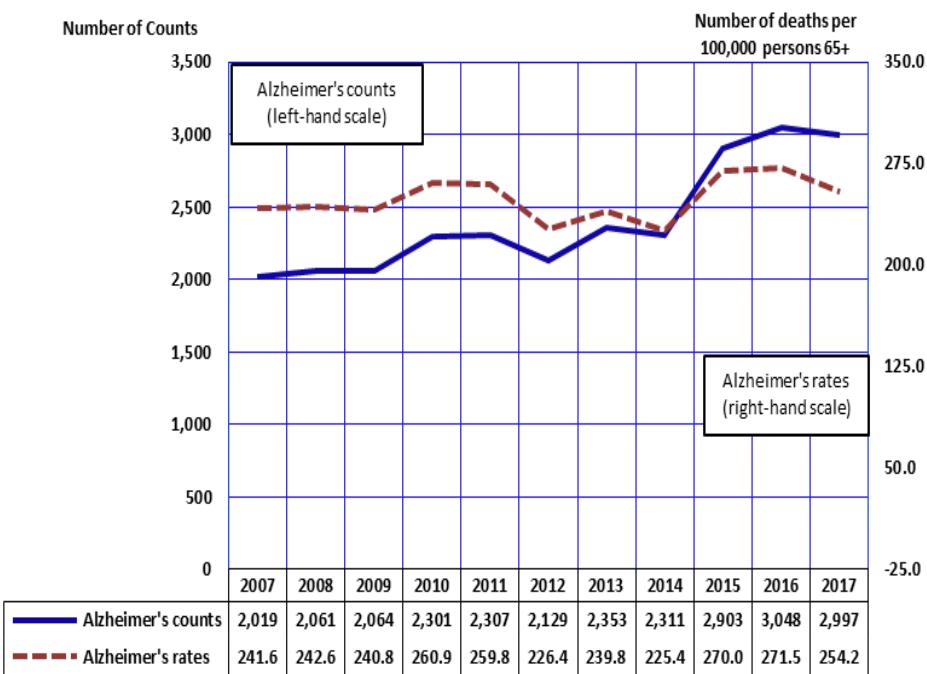
White non-Hispanic females accounted for 1,667 deaths from Alzheimer's disease (or 84 percent of all Alzheimer's deaths among Arizona females), while White non-Hispanic males accounted for 937 deaths (or 87.1 percent of all Alzheimer's deaths).

Figure 5
**Age-Specific Mortality Rates for Alzheimer's Disease
 among Arizonans Aged 55 Years and Older, 2017**



Risk of death from Alzheimer's disease increases sharply with age (**Figure 5**). In 2000, nine out of every ten deaths from Alzheimer's disease were to persons aged 75 years and older. Similarly in 2017, the risk of death from Alzheimer's was greater for Arizonans aged 75 years or older.

Figure 6
**Mortality and Mortality Rates for Alzheimer's Disease among
 Arizona Elderly Residents 65 Years and Older, 2007-2017**



The number of Alzheimer's deaths has increased from 2007 to 2017, in part due to a growing population of older adults. Mortality rate from Alzheimer's disease follows the same trajectory, marked by a 5.2 percent increase from 2007 to 2017 (**Figure 6**).

Figure 7
Mortality Rates for Alzheimer's Disease by Gender and Year
among Arizona Elderly Residents 65 Years and Older,
2000-2017

The death rate for Alzheimer's disease, the third leading cause of elderly female mortality in Arizona in 2017, almost doubled from 191.6/100,000 in 2000 to 306.0/100,000 in 2017 (**Figure 7**). For elderly males, the mortality rate for Alzheimer's disease, their fourth leading cause of death, increased by 79.4 percent from 108.0/100,000 in 2000 to 193.7/100,000 in 2017. In 2000, the Alzheimer's disease mortality risk of elderly females compared to males was 77.4 percent greater, while in 2017 the risk was 58.0 percent greater.

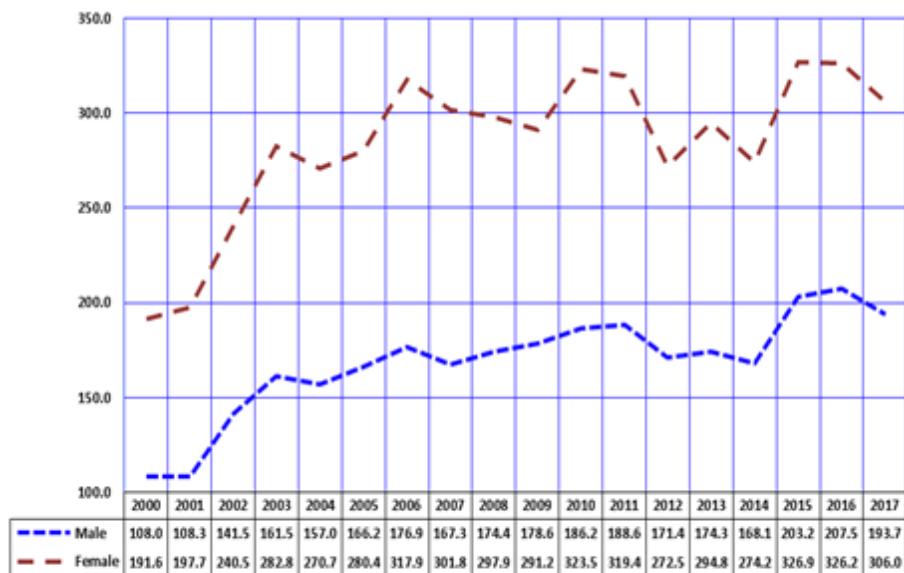


Figure 8
Mortality Rates for Alzheimer's Disease by Gender and Year
among Arizonans 75-84 Years Old, 2007-2017

Mortality rates for Alzheimer's disease among Arizonans 75-84 years old were higher among females than males from 2000 to 2017 (**Figure 8**). In 2000, the Alzheimer's disease mortality risk of elderly females compared to males in this age group was 17.4 percent greater (168.8 deaths per 100,000 females vs. 143.8 deaths per 100,000 males). In 2017, the female-to-male difference was 22.6 percent, a ratio greater than that of 2010.

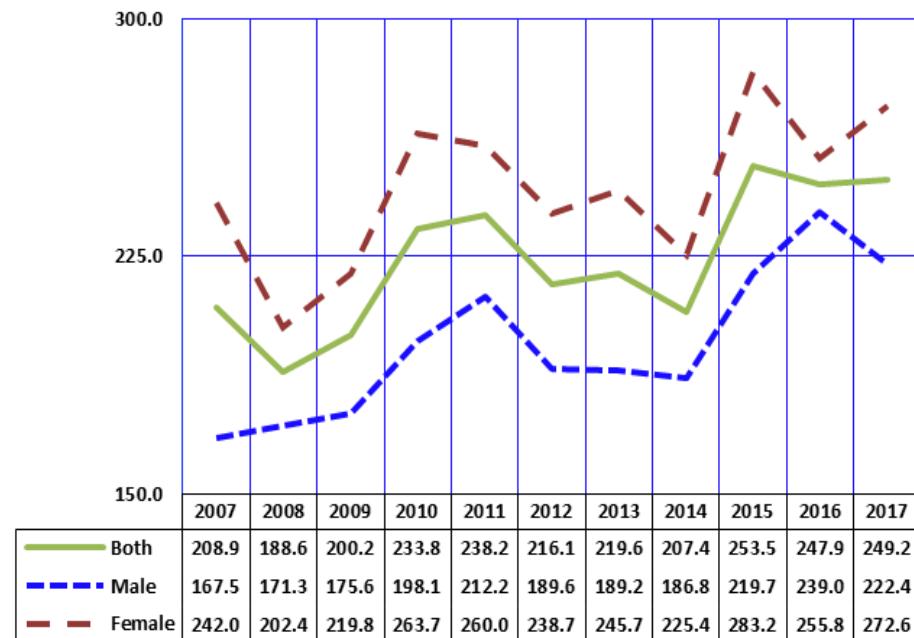
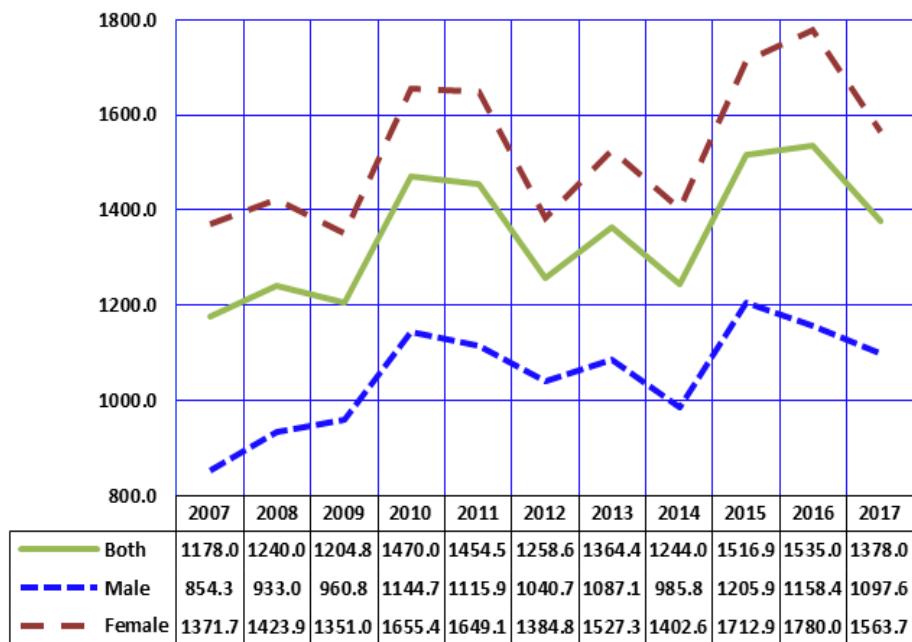
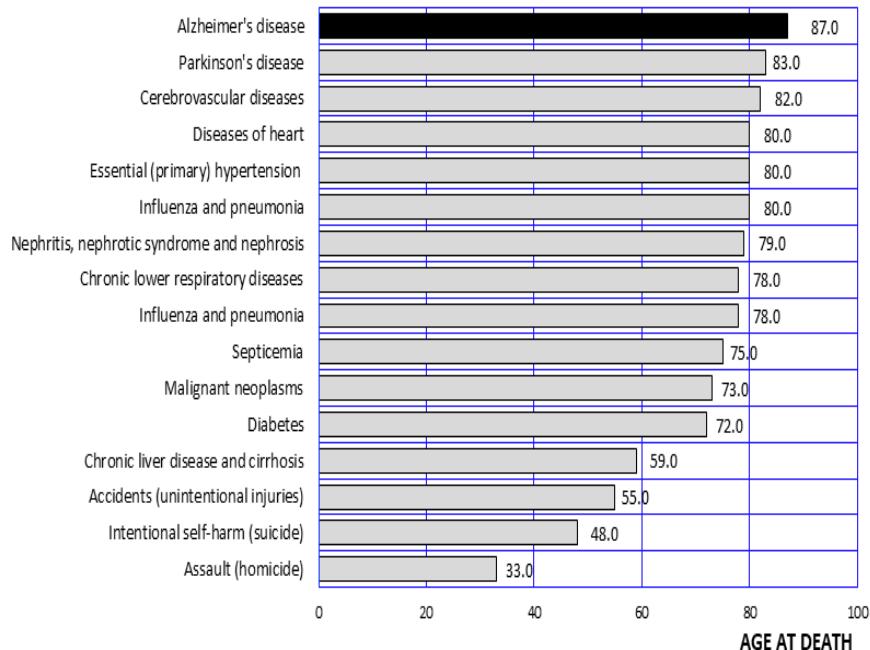


Figure 9
Mortality Rates for Alzheimer's Disease by Gender and Year
among Arizonans 85 Years and Older, 2007-2017



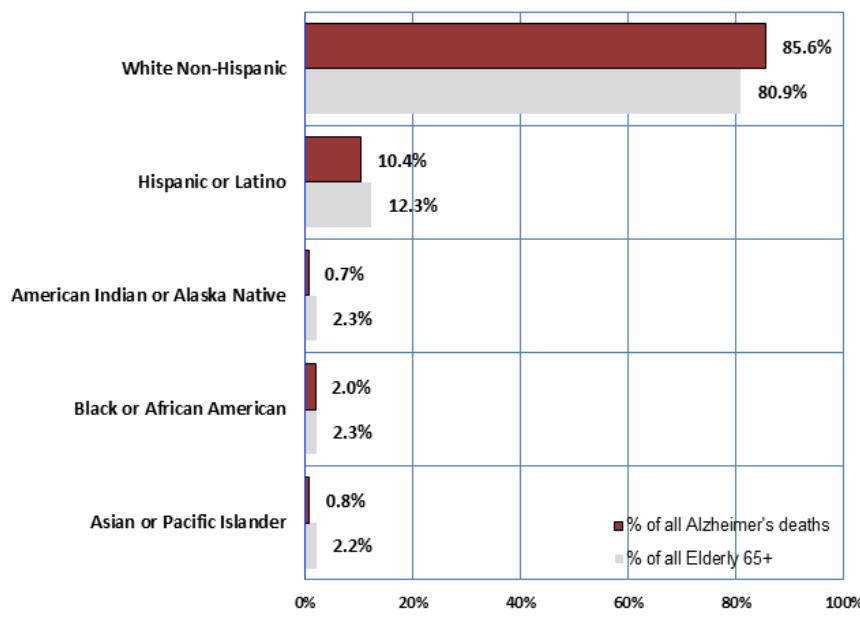
Among Arizonans 85 years and older, the mortality rates for Alzheimer's disease among females exceeded the male rates in every year from 2007 to 2017 (**Figure 9**). In 2007, the *Alzheimer's disease* mortality risk of elderly females compared to males in this age group was 60.6 percent greater, while in 2017 the risk was 42.5 percent greater.

Figure 10
Average Age at Death for Selected Leading Causes
of Death, Arizona, 2017



In 2017, Alzheimer's disease had the highest average age at death of 87.0 years, exceeding the average age at death for all causes by 14.4 years (**Figure 10**). Only 16.1 percent of deaths from Alzheimer's disease occurred before the age of 78.8 years, i.e., before the expected years of life were reached.

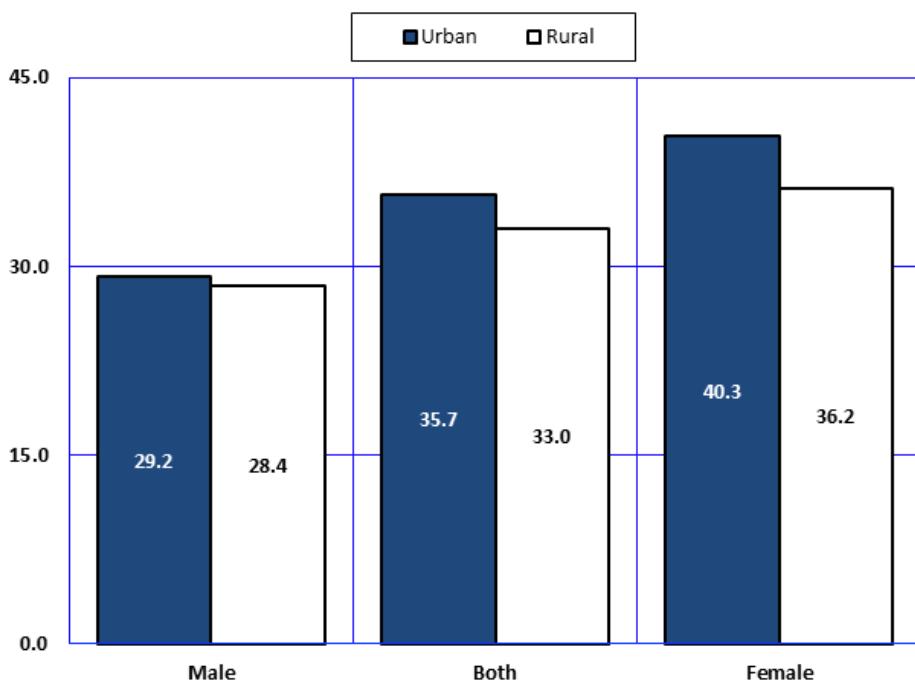
Figure 11
Percent of Elderly 65+ by Race/Ethnicity and Proportional Contribution to Mortality from Alzheimer's Disease, Arizona, 2017



White non-Hispanic elderly residents of Arizona disproportionately contributed to total mortality from Alzheimer's disease. In 2017, White non-Hispanics accounted for 80.9 percent of all elderly 65 years and older, but 85.6 percent of all deaths from Alzheimer's disease (**Figure 11**).

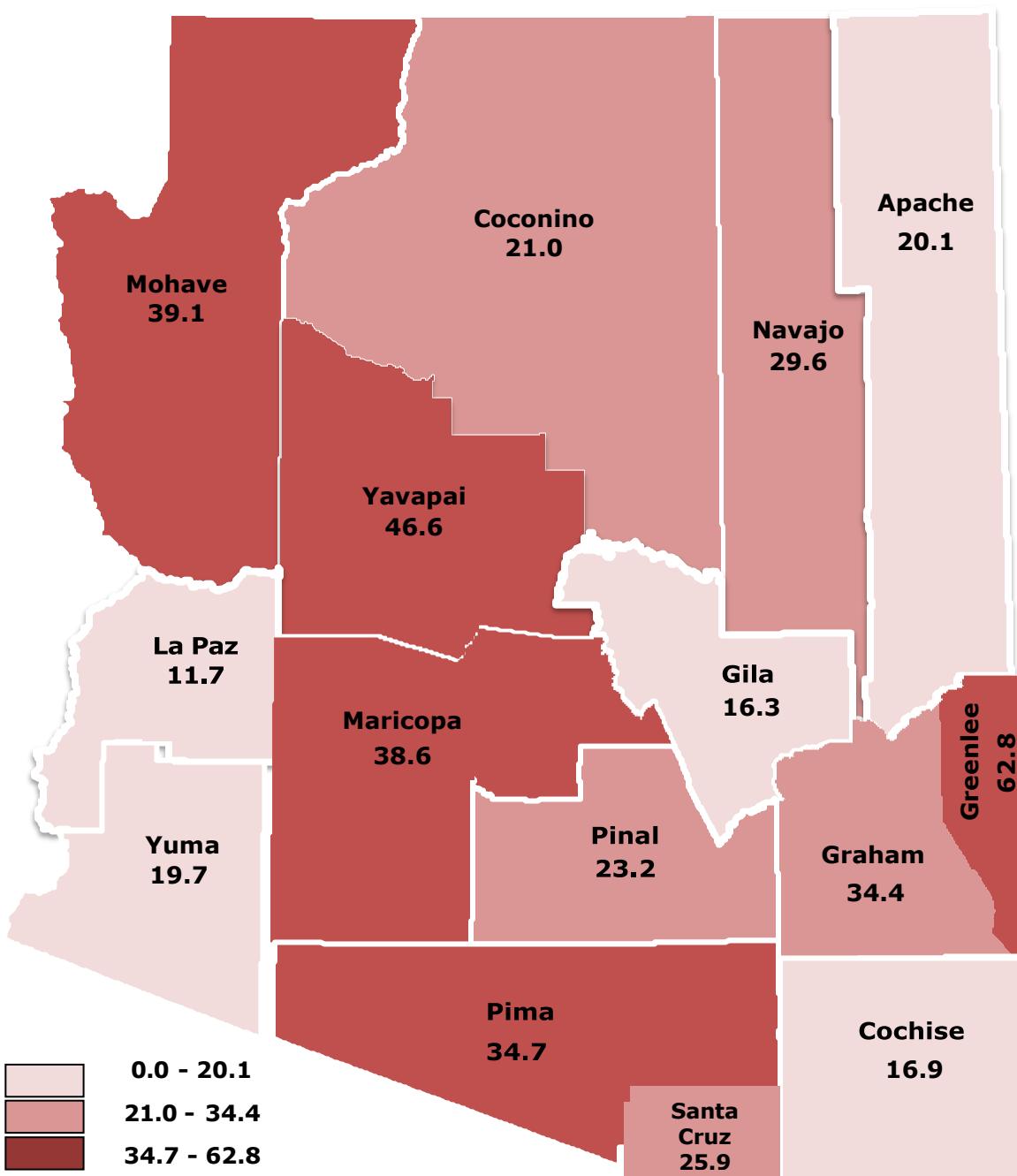
White non-Hispanic residents of the State may be at higher risk for Alzheimer's disease because they live longer than the other race/ethnic groups. In 2017, White non-Hispanics were the only group with about 50 percent of all deaths occurring before the expected years of life were reached. The 2017 premature death ratio was 43.3 percent for White non-Hispanic females and 57 percent for White non-Hispanic males. In contrast, at least 70 percent of deaths among ethnic minorities occurred prematurely.

Figure 12
Age-Adjusted Mortality Rates for Alzheimer's Disease by Gender in Urban and Rural Areas, Arizona, 2017



In 2017, the mortality rate for Alzheimer's disease was 8.2 percent higher for urban (35.7/100,000) than rural (33.0/100,000) residents of the State (**Figure 12**). The mortality disadvantage of the urban compared to rural residents was particularly pronounced among females. The 2017 rate of the urban females was 11.3 percent greater than the rate of the rural females (40.3/100,000 vs. 36.2/100,000).

Figure 13
Age-Adjusted Mortality Rates* for Alzheimer's Disease by County of Residence,
Arizona, 2017



Source: Population Health and Vital Statistics, ADHS
*Per 100,000 population age-adjusted to the 2000 U.S. standard.

In 2017, mortality from Alzheimer's disease among the fifteen Arizona counties ranged from a rate of 11.7 deaths per 100,000 persons in La Paz County to a rate of 46.6 deaths per 100,000 persons in Yavapai County (Figure 13). Maricopa and Yavapai counties, which accounted for approximately half of the total population of the State, made a substantially higher contribution to mortality from Alzheimer's disease (2,015 out of 3,050 deaths, or 66.1 percent of all deaths from Alzheimer's disease). These two counties accounted for 60.4 percent of all Arizonans 85 years and older in the State, the group at the highest risk of death from Alzheimer's disease.

MORTALITY FROM ALZHEIMER'S DISEASE AMONG ARIZONA RESIDENTS, 2000-2017

DATA TABLES

TABLE 1
NUMBER OF DEATHS FROM ALZHEIMER'S DISEASE AND OTHER LEADING CAUSES OF MORTALITY BY YEAR, ARIZONA, 2000-2017

Cause of death	Rank (count) in 2000	Rank (count) in 2001	Rank (count) in 2002	Rank (count) in 2003	Rank (count) in 2004	Rank (count) in 2005	Rank (count) in 2006	Rank (count) in 2007	Rank (count) in 2008	Rank (count) in 2009	Rank (count) in 2010	Rank (count) in 2011	Rank (count) in 2012	Rank (count) in 2013	Rank (count) in 2014	Rank (count) in 2015	Rank (count) in 2016	Rank (count) in 2017
Diseases of heart	1 (10,430)	1 (10,312)	1 (10,551)	1 (10,649)	1 (10,402)	1 (10,362)	1 (10,779)	1 (10,147)	1 (10,299)	1 (10,151)	1 (9,719)	2 (10,424)	2 (10,366)	2 (10,497)	2 (9,953)	2 (11,274)	2 (11,820)	1 (12,285)
Malignant neoplasms	2 (8,994)	2 (8,914)	2 (9,451)	2 (9,451)	2 (9,506)	2 (9,673)	2 (9,768)	2 (9,955)	2 (9,949)	2 (10,147)	1 (10,423)	1 (10,543)	1 (10,871)	1 (11,193)	1 (10,600)	1 (11,624)	1 (11,801)	2 (11,917)
Chronic lower respiratory diseases	4 (2,493)	3 (2,463)	3 (2,530)	3 (2,522)	3 (2,392)	4 (2,778)	4 (2,771)	4 (2,651)	4 (2,896)	4 (2,808)	3 (2,892)	3 (3,143)	3 (3,167)	3 (3,295)	3 (3,185)	3 (3,648)	3 (3,788)	4 (3,779)
Cerebrovascular diseases	3 (2,603)	5 (2,416)	4 (2,448)	5 (2,356)	4 (2,412)	5 (2,325)	5 (2,159)	5 (2,079)	5 (2,089)	5 (2,010)	6 (2,051)	6 (2,067)	6 (2,096)	6 (2,047)	6 (1,995)	6 (2,463)	6 (2,536)	6 (2,647)
Accidents (unintentional injury)	5 (2,087)	4 (2,430)	5 (2,416)	4 (2,466)	3 (2,641)	3 (3,006)	3 (3,156)	3 (3,014)	3 (2,951)	3 (2,887)	4 (2,834)	4 (2,959)	4 (2,804)	4 (3,137)	4 (3,011)	4 (3,403)	4 (3,899)	3 (4,085)
Alzheimer's disease	7 (1,046)	6 (1,103)	6 (1,413)	6 (1,691)	6 (1,672)	6 (1,816)	6 (1,672)	6 (2,057)	6 (2,041)	6 (2,086)	5 (2,314)	5 (2,336)	5 (2,154)	5 (2,384)	5 (2,345)	5 (2,942)	5 (3,081)	5 (3,050)
Influenza and pneumonia	6 (1,201)	7 (1,100)	7 (1,294)	7 (1,248)	7 (1,108)	8 (1,280)	7 (1,147)	8 (875)	8 (1,075)	9 (1,007)	9 (729)	10 (649)	11 (635)	11 (724)	11 (669)	11 (739)	11 (859)	11 (852)
Diabetes	8 (993)	8 (1,040)	8 (1,201)	8 (1,124)	7 (1,180)	8 (1,196)	7 (1,188)	7 (1,145)	7 (1,162)	7 (1,078)	7 (1,372)	7 (1,721)	7 (1,698)	7 (1,744)	7 (1,776)	7 (2,050)	7 (2,013)	7 (2,037)
Intentional self-harm (suicide)	9 (737)	9 (767)	9 (855)	9 (807)	9 (854)	9 (915)	9 (948)	8 (986)	9 (968)	8 (1,060)	8 (1,070)	8 (1,113)	8 (1,070)	8 (1,116)	8 (1,124)	8 (1,233)	8 (1,256)	8 (1,304)
Chronic liver disease and cirrhosis	10 (645)	10 (635)	10 (647)	10 (625)	10 (629)	10 (749)	10 (706)	10 (734)	10 (778)	10 (818)	9 (843)	9 (933)	9 (971)	9 (1,040)	9 (984)	9 (1,120)	9 (1,169)	9 (1,122)
Essential primary hypertension/hypertensive renal disease	11 (275)	11 (298)	11 (293)	11 (405)	11 (339)	11 (420)	11 (390)	11 (420)	11 (389)	11 (475)	11 (498)	10 (725)	10 (739)	10 (711)	10 (758)	10 (896)	10 (1,010)	10 (1,018)
ALL CAUSES	40,202	40,851	42,320	42,830	42,736	45,115	45,415	44,640	45,128	45,065	45,871	47,547	48,459	49,929	51,074	54,152	56,480	57,261

Notes: The cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10); the cause of death for 2000 are classified by ICD-10, replacing the Ninth Revision (ICD-9) used during 1979-1999; the group titles, such as Cardiovascular diseases, Infectious and parasitic diseases or other cardiovascular diseases are not ranked to determine the leading causes of death.

TABLE 2
AGE-ADJUSTED MORTALITY RATES^a FOR ALZHEIMER'S DISEASE AND OTHER LEADING CAUSES OF DEATH, ARIZONA, 2000-2017

Cause of death	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Diseases of heart	206.1	201.7	201.0	197.1	186.7	186.9	166.1	149.5	149.3	145.9	143.3	152.7	145.8	143.0	129.9	141.3	142.5	141.9
Malignant neoplasms	170.4	169.2	168.6	169.4	164.7	161.8	154.7	148.0	145.5	147.2	150.5	151.3	149.8	149.6	136.3	144.0	140.7	136.6
Chronic lower respiratory diseases	47.4	46.9	47.0	45.4	41.9	46.8	44.3	39.2	42.1	40.5	42.6	45.9	44.2	44.5	41.1	45.1	45.0	43.0
Cerebrovascular diseases	51.7	47.7	47.0	43.9	43.6	40.6	34.8	30.6	30.3	28.9	30.7	30.6	29.9	28.2	26.2	31.1	30.7	30.7
Accidents (unintentional injury)	41.1	46.6	45.2	44.8	46.0	51.1	51.2	46.6	44.7	43.1	43.8	45.5	42.4	46.3	43.3	48.1	53.7	55.3
Alzheimer's disease	21.8	22.5	28.0	32.5	31.3	32.7	33.4	29.6	29.8	29.5	35.1	35.2	29.9	33.2	30.9	37.3	37.3	35.2
Influenza and pneumonia	24.4	21.9	25.0	23.4	20.1	22.3	18.4	12.9	15.6	14.6	10.9	9.7	9.1	10.0	8.9	9.4	10.4	9.9
Diabetes	19.0	19.9	22.3	20.3	20.7	20.1	18.9	17.0	17.0	15.7	20.1	24.8	23.5	23.6	23.0	25.7	24.5	23.8
Intentional self-harm (suicide)	14.6	14.9	15.9	14.6	14.9	15.4	15.4	15.4	14.8	16.1	16.7	17.2	16.2	17.0	16.5	17.8	17.7	18.0
Chronic liver disease and cirrhosis	12.8	12.3	12.1	11.5	11.1	12.7	11.4	11.3	11.7	12.2	12.3	13.4	13.6	14.5	13.2	14.9	15.1	14.2
Total, all causes	785.6	791.2	796.4	784.0	757.3	772.5	727.3	653.2	659.6	653.2	679.9	699.6	687.2	687.8	676.0	691.3	696.6	679.3

Notes: The number of deaths per 100,000 population adjusted to the 2000 U.S. standard; the cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10); the causes of death for 2000 are classified by ICD-10; the causes of death for 1998-1999 are classified by the Ninth Revision (ICD-9); ^a The rates are per 100,000 population.

TABLE 3
AGE-ADJUSTED MORTALITY RATES^a FOR ALZHEIMER'S DISEASE BY GENDER AND YEAR, ARIZONA, 2000-2017

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total	21.8	22.5	28.0	32.5	31.3	32.7	33.4	29.6	29.8	29.5	35.1	35.2	29.9	33.2	30.9	37.3	37.3	35.2
Male	17.5	18.4	23.4	26.6	26.4	27.7	27.0	22.8	23.9	24.5	28.5	28.9	41.5	27.2	25.7	31.1	31.1	29.2
Female	24.2	25.1	30.5	35.9	34.2	35.7	37.4	34.1	33.6	32.8	39.3	39.0	52.8	37.2	34.4	41.5	41.5	39.5

Notes: The number of deaths per 100,000 population adjusted to the 2000 U.S. standard; ^a the rates are per 100,000 persons in specified group.

TABLE 4
NUMBER OF DEATHS FROM ALZHEIMER'S DISEASE BY GENDER AND YEAR, ARIZONA, 2000-2017

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total	1,046	1,103	1,413	1,691	1,672	1,816	2,057	2,041	2,086	2,086	2,314	2,336	2,154	2,384	2,345	2,942	3,081	3,050
Male	326	337	453	530	532	589	641	633	675	697	753	774	748	792	807	1,028	1,084	1,076
Female	720	766	960	1,161	1,140	1,227	1,416	1,408	1,411	1,389	1,561	1,562	1,406	1,592	1,538	1,914	1,997	1,974

TABLE 5
NUMBER OF DEATHS FROM ALZHEIMER'S DISEASE BY RACE/ETHNICITY AND GENDER, ARIZONA, 2000-2017

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
All groups	Total	1,046	1,103	1,413	1,691	1,672	1,816	2,057	2,041	2,086	2,336	2,154	2,384	2,345	2,942	3,081	3,050		
	Male	326	337	453	530	532	589	641	633	675	697	753	774	748	792	807	1,028	1,084	1,076
	Female	720	766	960	1,161	1,140	1,227	1,416	1,408	1,411	1,389	1,561	1,562	1,406	1,592	1,538	1,914	1,997	1,974
White non-Hispanic	Total	959	1,020	1,294	1,547	1,527	1,638	1,869	1,836	1,850	1,854	2,013	2,038	1,869	2,042	1,993	2,515	2,617	2,604
	Male	297	309	407	490	485	524	577	567	604	627	648	675	658	677	695	878	940	937
	Female	662	711	887	1,057	1,042	1,114	1,292	1,269	1,246	1,227	1,365	1,363	1,211	1,365	1,298	1,637	1,677	1,667
Hispanic or Latino	Total	64	49	87	101	99	118	135	142	154	160	191	182	199	252	253	302	313	321
	Male	22	21	31	26	30	47	50	51	47	50	66	57	70	82	81	113	95	96
	Female	42	28	56	75	69	71	85	91	107	110	125	125	129	170	172	189	218	225
Black or African American	Total	13	15	18	33	31	32	27	37	53	38	49	58	41	47	49	65	72	64
	Male	5	0	8	14	11	6	5	8	15	10	19	21	13	15	19	19	23	26
	Female	8	15	10	19	20	26	22	29	38	28	30	37	28	32	30	46	49	38
American Indian or Alaska Native	Total	7	12	9	6	8	17	20	16	14	18	20	26	20†	25	37	34	44	23
	Male	2	3	3	0	4	6	8	4	4	5	7	8	*	11	11	13	14	6
	Female	5	9	6	6	4	11	12	10	13	13	18	13	14	26	21	30	30	17
Asian or Pacific Islander	Total	2	5	5	4	6	10	5	9	13	13	25	17	30†	18	10†	30†	35	30†
	Male	0	3	4	0	2	5	1	2	3	4	7	7	*	7	*	12	*	12
	Female	2	2	1	4	4	5	4	7	10	9	18	10	25	11	12	21	23	22
Refused/Unknown	Total	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: * cell suppressed due to non-zero count less than 6; † sum rounded to nearest tens unit due to non-zero addend less than 6.

TABLE 6
NUMBER OF DEATHS FROM ALZHEIMER'S DISEASE BY URBAN/RURAL AREA AND GENDER,
ARIZONA, 2000, 2007, 2010, AND 2017

	2000	2007	2010	2017
All groups				
Total	1,046	2,041	2,314	3,050
Male	326	633	753	1,076
Female	720	1,408	1,561	1,974
Urban				
Total	891	1,758	1,998	2,505
Male	263	540	651	862
Female	628	1,218	1,346	1,643
Rural				
Total	155	283	314	537
Male	63	93	100	208
Female	92	190	214	329

TABLE 7
NUMBER OF DEATHS FROM ALZHEIMER'S DISEASE BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2000-2017

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total State	1,046	1,103	1,413	1,691	1,672	1,816	2,057	2,041	2,086	2,314	2,336	2,150†	2,380†	2,350†	2,940†	3,080†	3,050	
Apache	5	2	7	4	6	5	7	8	10	5	8	*	8	*	13	12	14	
Cochise	26	17	38	32	41	33	27	26	37	34	33	36	27	31	19	42	41	33
Coconino	8	3	12	15	9	12	15	12	11	13	13	20	11	18	19	22	34	23
Gila	8	11	16	37	36	39	39	33	40	25	23	24	27	25	30	37	22	17
Graham	3	5	3	5	4	4	6	4	9	4	2	7	9	*	6	9	10	12
Greenlee	1	0	0	0	1	0	0	1	1	0	1	0	2	0	*	*	*	6
La Paz	0	1	1	4	2	3	3	6	1	3	4	3	*	0	*	*	9	7
Maricopa	679	721	936	1,103	1,113	1,246	1,445	1,453	1,459	1,481	1,665	1,732	1,523	1,555	1,467	1,772	1,835	1,796
Mohave	29	31	40	82	67	51	89	70	78	63	85	56	49	42	61	97	116	154
Navajo	10	20	13	14	14	14	29	21	18	20	15	18	16	19	34	27	27	35
Pima	183	182	213	244	234	254	219	226	246	235	215	290	477	489	537	576	529	
Pinal	19	31	45	36	58	38	52	64	70	66	77	89	71	85	92	160	116	116
Santa Cruz	7	4	11	10	3	6	9	14	10	10	10	8	13	16	12	10	18	17
Yavapai	58	61	65	93	73	95	110	88	81	96	119	92	97	80	68	152	200	219
Yuma	10	14	13	12	11	16	7	15	14	15	21	20	9	22	36	53	55	64
Unknown	0	0	0	0	0	0	0	0	1	5	2	8	*	*	*	8	8	

Notes: * cell suppressed due to non-zero count less than 6; † sum rounded to nearest tens unit due to non-zero addend less than 6.

TABLE 8
NUMBER OF DEATHS FROM ALZHEIMER'S DISEASE BY AGE GROUP AND GENDER,
ARIZONA, 2000, 2007, 2010, AND 2017

		2000	2007	2010	2017
Total, all ages	Total	1,046	2,035	2,313	3,050
Male		326	631	752	1,076
Female		720	1,404	1,560	1,974
Unknown	0	0	0	1	0
35-44	Total	0	0	0	0†
	Male	0	0	0	0
	Female	0	0	0	0
45-54	Total	0	2	1	0†
	Male	0	0	0	0
	Female	0	2	1	*
55-64	Total	14	19	12	51
	Male	6	7	5	24
	Female	8	12	7	27
65-74	Total	62	104	124	218
	Male	27	52	62	83
	Female	35	52	62	135
75-84	Total	372	631	656	882
	Male	146	225	253	367
	Female	226	406	403	515
85+	Total	598	1,278	1,520	1,897
	Male	147	347	432	602
	Female	451	931	1,087	1,295
	Unknown	0	0	1	0
Unknown	Total	0	1	0	0
	Male	0	0	0	0
	Female	0	1	0	0

Notes: * cell suppressed due to non-zero count less than 6; † sum rounded to nearest tens unit due to non-zero addend less than 6.

TABLE 9
ALZHEIMER'S DISEASE AND OTHER LEADING CAUSES OF DEATH AMONG ELDERLY 65 YEARS AND OLDER, BY YEAR, ARIZONA, 2000-2017

Cause of death	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total, all causes	29,323	29,504	30,553	30,815	30,532	32,163	32,192	31,582	32,214	32,098	32,876	34,318	34,958	35,983	37,010	39,480	41,189	42,199
Diseases of heart	8,702	8,556	8,676	8,819	8,495	8,741	8,343	8,155	8,218	8,172	7,852	8,407	8,449	8,583	8,130	9,189	9,673	10,171
Malignant neoplasms	6,499	6,351	6,448	6,748	6,726	6,874	6,925	7,033	7,071	7,227	7,421	7,513	7,729	8,015	7,715	8,502	8,686	8,850
Chronic lower respiratory diseases	2,211	2,141	2,229	2,234	2,104	2,403	2,430	2,303	2,516	2,460	2,558	2,745	2,746	2,868	2,743	3,192	3,286	3,293
Cerebrovascular disease	2,315	2,148	2,188	2,098	2,123	2,034	1,839	1,770	1,789	1,736	1,784	1,782	1,774	1,736	1,739	2,127	2,236	2,292
Alzheimer's disease	1,032	1,092	1,400	1,678	1,664	1,801	2,036	2,019	2,061	2,064	2,301	2,307	2,129	2,353	2,311	2,903	3,048	2,997
Influenza and pneumonia	1,027	941	1,100	1,047	940	1,050	923	724	856	786	585	533	542	608	512	626	670	697
Diabetes	716	723	876	801	821	853	807	779	797	744	930	1,193	1,148	1,162	1,188	1,345	1,362	1,411
Accidents (unintentional injury)	652	696	752	750	854	986	971	982	1,007	980	1,018	1,070	999	1,146	1,145	1,298	1,463	1,485
Nephritis, nephrotic syndrome and nephrosis	507	493	489	431	489	483	426	416	391	414	407	340	373	328	288	430	403	445
Parkinson's disease	338	357	387	395	382	473	482	443	477	433	480	526	565	561	558	700	697	737

TABLE 10
ALZHEIMER'S DISEASE AND OTHER LEADING CAUSES OF DEATH AMONG ELDERLY MALES 65 YEARS AND OLDER, BY YEAR, ARIZONA, 2000-2017

Cause of death	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total, all causes	14,107	14,182	14,733	14,744	14,614	15,385	15,273	14,981	15,589	15,462	15,967	16,517	17,101	17,489	18,292	19,665	20,781	21,144
Diseases of heart	4,372	4,224	4,309	4,340	4,182	4,330	4,061	4,039	4,241	4,122	3,988	4,310	4,384	4,511	4,280	4,798	5,187	5,446
Malignant neoplasms	3,472	3,345	3,537	3,658	3,660	3,734	3,774	3,819	3,832	3,907	4,048	4,075	4,257	4,294	4,235	4,609	4,798	4,854
Chronic lower respiratory diseases	1,094	1,036	1,113	1,108	997	1,109	1,165	1,126	1,206	1,166	1,249	1,288	1,372	1,356	1,367	1,527	1,542	1,566
Alzheimer's disease	320	332	447	525	529	581	631	626	664	686	748	763	735	781	792	1,005	1,073	1,052
Cerebrovascular disease	918	849	851	809	816	786	696	631	719	702	680	665	710	680	680	905	914	970
Diabetes	314	338	423	383	371	445	411	385	411	366	498	626	624	633	655	737	783	795
Accidents (unintentional injury)	328	377	388	363	402	477	477	465	507	488	506	505	474	563	570	675	779	766
Parkinson's disease	195	214	249	223	241	286	289	260	295	275	290	310	359	358	336	442	455	470
Influenza and pneumonia	479	447	474	525	471	492	454	348	406	351	289	262	263	285	252	312	331	339
Nephritis, nephrotic syndrome and nephrosis	247	275	223	205	251	248	207	201	202	215	207	173	178	157	135	228	204	236

TABLE 11
ALZHEIMER'S DISEASE AND OTHER LEADING CAUSES OF DEATH AMONG ELDERLY FEMALES 65 YEARS AND OLDER, BY YEAR, ARIZONA, 2000-2017

Cause of death	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total, all causes	15,216	15,322	15,820	16,070	15,918	16,778	16,919	16,601	16,625	16,636	16,909	17,798	17,855	18,494	18,718	19,815	20,408	21,055
Diseases of heart	4,330	4,332	4,367	4,479	4,313	4,411	4,282	4,116	4,037	4,050	3,864	4,096	4,065	4,072	3,850	4,391	4,486	4,725
Malignant neoplasms	3,027	3,006	2,911	3,087	3,140	3,151	3,214	3,241	3,320	3,373	3,437	3,472	3,721	3,480	3,480	3,893	3,888	3,996
Chronic lower respiratory diseases	1,117	1,105	1,116	1,126	1,107	1,294	1,265	1,177	1,310	1,294	1,309	1,457	1,374	1,512	1,376	1,665	1,744	1,727
Alzheimer's disease	712	760	953	1,153	1,135	1,220	1,405	1,393	1,397	1,378	1,553	1,544	1,394	1,572	1,519	1,898	1,975	1,945
Cerebrovascular disease	1,397	1,299	1,337	1,289	1,307	1,248	1,143	1,139	1,075	1,034	1,104	1,117	1,064	1,056	1,059	1,222	1,322	1,322
Diabetes	402	385	453	418	450	408	396	394	387	378	432	567	524	529	533	608	579	616
Accidents (unintentional injury)	324	319	364	387	452	509	494	517	519	492	512	565	525	583	575	623	684	719
Parkinson's disease	143	143	138	172	141	187	193	183	182	158	190	216	206	203	222	258	242	267
Influenza and pneumonia	548	494	626	522	469	558	469	376	452	435	296	271	279	323	260	314	339	358
Nephritis, nephrotic syndrome and nephrosis	260	218	266	226	238	215	190	199	200	167	195	171	153	202	199	209	209	209

TABLE 12
**ALZHEIMER'S DISEASE AND OTHER LEADING CAUSES OF DEATH AMONG ELDERLY 65 YEARS AND OLDER,
BY GENDER, AREA, AND RACE/ETHNICITY, ARIZONA, 2017**

Cause of death	Total	Gender		Area		Race/Ethnicity						
		Male	Female	Urban	Rural	Unknown	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Other/Unknown
Total, all causes	42,199	21,144	21,055	33,146	8,905	148	34,964	4,407	975	1,062	557	234
Diseases of heart	10,171	5,446	4,725	7,877	2,258	36	8,585	956	220	214	127	69
Malignant neoplasms	8,850	4,854	3,996	6,919	1,903	28	7,455	847	216	160	128	44
Chronic lower respiratory diseases	3,293	1,566	1,727	2,490	789	14	2,982	178	42	37	31	23
Alzheimer's disease	2,997	1,052	1,945	2,465	524	8	2,565	312	61	22	25	12
Cerebrovascular disease	2,292	970	1,322	1,819	465	8	1,840	289	73	50	33	7
Accidents (unintentional injury)	1,485	766	719	1,135	340	10	1,176	169	32	64	28	16
Diabetes	1,411	795	616	1,120	286	*	898	302	61	113	31	6
Essential (primary) hypertension and hypertensive disease	850	377	473	740	110	0	650	122	37	21	17	*
Parkinson's disease	737	470	267	606	130	*	637	57	7	17	15	*
Influenza and pneumonia	697	339	358	530	163	*	544	96	13	34	8	*

Note: * cell suppressed due to non-zero count less than 6.

TABLE 13
**ALZHEIMER'S DISEASE AND OTHER LEADING CAUSES OF DEATH AMONG ELDERLY 65-74 YEARS OLD,
 BY GENDER, AREA, AND RACE/ETHNICITY, ARIZONA, 2017**

Cause of death	Total	Gender		Area		Race/Ethnicity						
		Male	Female	Urban	Rural	Un-known	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Other/Unknown
Total, all causes	11,328	6,590	4,738	8,674	2,578	76	8,956	1,324	375	387	150	136
Malignant neoplasms	3,532	1,987	1,545	2,733	782	17	2,909	366	116	67	47	27
Diseases of heart	2,266	1,534	732	1,650	595	21	1,797	250	78	64	36	41
Chronic lower respiratory diseases	952	513	439	708	235	9	862	45	15	7	6	17
Diabetes	553	324	229	442	108	*	332	116	27	61	12	*
Cerebrovascular disease	435	218	217	342	91	*	324	66	21	15	7	*
Accidents (unintentional injury)	421	276	145	304	109	8	300	53	14	31	11	12
Alzheimer's disease	220†	83	135	181	36	*	188	22	*	*	0	*
Influenza and pneumonia	150†	88	64	116	35	*	110	25	*	9	*	0
Parkinson's disease	110†	70	38	89	19	0	87	14	*	0	*	*
Nephritis, nephrotic syndrome and nephrosis	100†	57	45	81	21	0	62	22	8	8	*	0

Note: * cell suppressed due to non-zero count less than 6.

TABLE 14
**ALZHEIMER'S DISEASE AND OTHER LEADING CAUSES OF DEATH AMONG ELDERLY 75-84 YEARS OLD,
BY GENDER, AREA, AND RACE/ETHNICITY, ARIZONA, 2017**

Cause of death	Total	Gender		Area		Race/Ethnicity						
		Male	Female	Urban	Rural	Unknown	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Other/Unknown
Total, all causes	14,136	7,629	6,507	10,920	3,176	40	11,631	1,532	319	373	212	69
Malignant neoplasms	3,309	1,840	1,469	2,554	747	8	2,805	310	74	57	48	15
Diseases of heart	3,136	1,811	1,325	2,374	754	8	2,597	331	66	82	39	21
Chronic lower respiratory diseases	1,315	632	683	975	336	*	1,191	74	15	15	16	*
Alzheimer's disease	882	367	515	736	144	*	737	102	19	8	12	*
Cerebrovascular disease	754	383	371	577	173	*	593	95	26	21	15	*
Diabetes	537	315	222	425	111	*	335	131	21	39	11	0
Accidents (unintentional injury)	455	253	202	343	111	*	357	54	11	22	8	*
Parkinson's disease	320†	218	105	266	57	0	272	29	*	11	*	*
Influenza and pneumonia	210†	117	93	171	38	*	168	27	*	8	*	*
Nephritis, nephrotic syndrome and nephrosis	160†	103	55	107	51	0	123	16	*	12	*	0

Note: * cell suppressed due to non-zero count less than 6.

TABLE 15
**ALZHEIMER'S DISEASE AND OTHER LEADING CAUSES OF DEATH AMONG ELDERLY 85 YEARS AND OLDER,
 BY GENDER, AREA, AND RACE/ETHNICITY, ARIZONA, 2017**

Cause of death	Total	Gender		Area		Race/Ethnicity						
		Male	Female	Urban	Rural	Unknown	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Other/Unknown
Total, all causes	16,735	6,925	9,810	13,552	3,151	32	14,377	1,551	281	302	195	29
Diseases of heart	4,769	2,101	2,668	3,853	909	7	4,191	375	76	68	52	7
Malignant neoplasms	2,009	1,027	982	1,632	374	*	1,741	171	26	36	33	*
Alzheimer's disease	1,897	602	1,295	1,548	344	*	1,640	188	38	12	13	6
Cerebrovascular disease	1,103	369	734	900	201	*	923	128	26	14	11	*
Chronic lower respiratory diseases	1,026	421	605	807	218	*	929	59	12	15	9	*
Accidents (unintentional injury)	609	237	372	488	120	*	519	62	7	11	9	*
Influenza and pneumonia	340†	134	201	243	90	*	266	44	6	17	*	*
Diabetes	321	156	165	253	67	*	231	55	13	13	8	*
Parkinson's disease	306	182	124	251	54	*	278	14	0	6	7	*
Nephritis, nephrotic syndrome and nephrosis	190†	76	109	126	59	0	153	22	*	*	*	0

Note: * cell suppressed due to non-zero count less than 6.

TABLE 16
**POPULATION AT RISK: ELDERLY 65 YEARS AND OLDER BY GENDER, AGE GROUP, AND RACE/ETHNICITY,
ARIZONA, 2000, 2010, AND 2017**

		AGE GROUP	2000	2010	2017
ALL GROUPS	Total	65-74	363,841	497,892	687,261
		75-84	235,473	280,539	353,935
		85+	68,525	103,400	137,663
		All 65+	667,839	881,831	1,178,859
Male	65-74	171,689	236,227	323,376	
	75-84	101,550	127,730	165,009	
	85+	23,028	37,738	54,847	
	All 65+	296,267	401,695	543,232	
Female	65-74	192,152	261,665	363,885	
	75-84	133,923	152,809	188,926	
	85+	45,497	65,662	82,816	
	All 65+	371,572	480,136	635,627	
WHITE NON-HISPANIC	Total	65-74	308,175	403,963	546,079
		75-84	209,934	235,652	292,108
		85+	61,153	90,230	115,831
		All 65+	579,262	729,845	954,018
Male	65-74	146,642	193,910	259,209	
	75-84	90,937	108,901	138,596	
	85+	20,459	33,046	46,768	
	All 65+	258,038	335,857	444,573	
Female	65-74	161,533	210,053	286,870	
	75-84	118,997	126,751	153,512	
	85+	40,694	57,184	69,063	
	All 65+	321,224	393,988	509,445	
HISPANIC	Total	65-74	35,070	57,479	90,432
		75-84	16,160	28,486	39,472
		85+	4,274	8,316	14,673
		All 65+	55,504	94,281	144,577
Male	65-74	15,912	26,026	41,902	
	75-84	6,766	12,039	16,928	
	85+	1,460	3,032	5,517	
	All 65+	24,138	41,097	64,347	
Female	65-74	19,158	31,453	48,530	
	75-84	9,394	16,447	22,544	
	85+	2,814	5,284	9,156	
	All 65+	31,366	53,184	80,230	

TABLE 16 (continued)
**POPULATION AT RISK: ELDERLY 65 YEARS AND OLDER BY GENDER, AGE GROUP, AND RACE/ETHNICITY,
ARIZONA, 2000, 2010, AND 2017**

		AGE GROUP	2000	2010	2017
BLACK	Total	65-74	5,893	10,949	17,856
		75-84	2,840	4,899	7,362
		85+	988	1,474	2,297
	Male	All 65+	9,721	17,322	27,515
		65-74	2,773	5,196	8,563
		75-84	1,145	2,097	3,310
		85+	317	455	821
	Female	All 65+	4,235	7,748	12,694
		65-74	3,120	5,753	9,293
		75-84	1,695	2,802	4,052
		85+	671	1,019	1,476
	AMERICAN INDIAN	All 65+	5,486	9,574	14,821
	Total	65-74	8,537	12,371	16,679
		75-84	3,959	5,790	7,637
		85+	1,388	1,851	2,682
	Male	All 65+	13,884	20,012	26,998
		65-74	3,746	5,426	7,268
		75-84	1,637	2,358	3,074
		85+	515	663	981
	Female	All 65+	5,898	8,447	11,323
		65-74	4,791	6,945	9,411
		75-84	2,322	3,432	4,563
		85+	873	1,188	1,701
	ASIAN	All 65+	7,986	11,565	15,675
	Total	65-74	4,286	9,445	16,215
		75-84	1,558	4,129	7,356
		85+	399	1,032	2,180
	Male	All 65+	6,243	14,606	25,751
		65-74	1,700	3,943	6,434
		75-84	638	1,616	3,101
		85+	174	363	760
	Female	All 65+	2,512	5,922	10,295
		65-74	2,586	5,502	9,781
		75-84	920	2,513	4,255
		85+	225	669	1,420
		All 65+	3,731	8,684	15,456

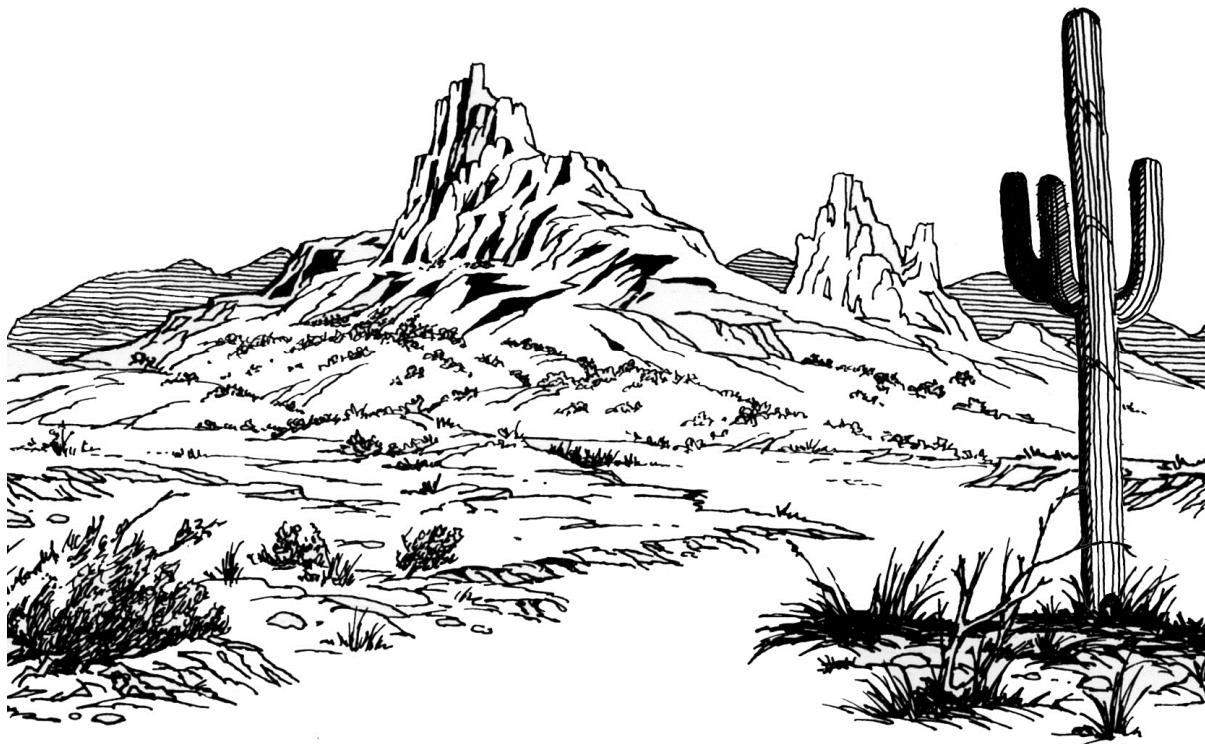
TABLE 17
**POPULATION AT RISK: ELDERLY 65 YEARS AND OLDER BY GENDER, AGE GROUP, AND COUNTY OF RESIDENCE,
ARIZONA, 2000, 2010 AND 2017**

	AGE GROUP	2000			2010			2017		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
ARIZONA	65-74	171,689	192,152	363,841	236,227	261,665	497,892	323,376	363,885	687,261
	75-84	101,550	133,923	235,473	127,730	152,809	280,539	165,009	188,926	353,935
	85+	23,028	45,497	68,525	37,738	65,662	103,400	54,847	82,816	137,663
	Total	296,267	371,572	667,839	401,695	480,136	881,831	543,232	635,627	1,178,859
APACHE	65-74	1,640	1,838	3,478	2,489	2,687	5,176	2,932	3,279	6,211
	75-84	708	927	1,635	1,037	1,287	2,324	1,387	1,714	3,101
	85+	252	376	628	294	474	768	425	600	1,025
	Total	2,600	3,141	5,741	3,820	4,448	8,268	4,744	5,593	10,337
COCHISE	65-74	5,060	5,127	10,187	6,532	6,758	13,290	7,645	8,060	15,705
	75-84	2,592	3,078	5,670	3,429	3,643	7,072	4,176	4,445	8,621
	85+	532	976	1,508	901	1,425	2,326	1,285	1,706	2,991
	Total	8,184	9,181	17,365	10,862	11,826	22,688	13,106	14,211	27,317
COCONINO	65-74	2,455	2,560	5,015	3,653	3,794	7,447	5,403	5,545	10,948
	75-84	1,040	1,394	2,434	1,512	1,873	3,385	2,130	2,427	4,557
	85+	239	455	694	369	723	1,092	649	1,030	1,679
	Total	3,734	4,409	8,143	5,534	6,390	11,924	8,182	9,002	17,184
GILA	65-74	2,767	2,981	5,748	3,618	3,637	7,255	4,470	4,538	9,008
	75-84	1,550	1,876	3,426	1,907	2,097	4,004	2,370	2,386	4,756
	85+	360	625	985	416	775	1,191	605	958	1,563
	Total	4,677	5,482	10,159	5,941	6,509	12,450	7,445	7,882	15,327
GRAHAM	65-74	1,040	1,151	2,191	1,148	1,240	2,388	1,400	1,454	2,854
	75-84	572	794	1,366	661	768	1,429	706	886	1,592
	85+	141	287	428	162	282	444	213	309	522
	Total	1,753	2,232	3,985	1,971	2,290	4,261	2,319	2,649	4,968
GREENLEE	65-74	234	271	505	264	263	527	392	357	749
	75-84	132	138	270	165	218	383	185	221	406
	85+	25	49	74	34	72	106	50	99	149
	Total	391	458	849	463	553	1,016	627	677	1,304
LA PAZ	65-74	1,757	1,511	3,268	2,199	2,006	4,205	2,034	2,082	4,116
	75-84	784	761	1,545	1,185	908	2,093	1,764	1,458	3,222
	85+	127	148	275	171	214	385	406	415	821
	Total	2,668	2,420	5,088	3,555	3,128	6,683	4,204	3,955	8,159
MARICOPA	65-74	87,063	101,753	188,816	118,994	136,394	255,388	167,095	192,829	359,924
	75-84	54,457	75,579	130,036	65,158	83,041	148,199	81,848	99,227	181,075
	85+	12,942	27,185	40,127	20,884	38,170	59,054	29,042	46,776	75,818
	Total	154,462	204,517	358,979	205,036	257,605	462,641	277,985	338,832	616,817

TABLE 17 (continued)
**POPULATION AT RISK: ELDERLY 65 YEARS AND OLDER BY GENDER, AGE GROUP, AND COUNTY OF RESIDENCE,
ARIZONA, 2000, 2010 AND 2017**

	AGE GROUP	2000			2010			2017		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
MOHAVE	65-74	9,751	9,316	19,067	14,319	13,990	28,309	17,452	17,532	34,984
	75-84	4,881	5,526	10,407	7,261	7,170	14,431	9,732	9,543	19,275
	85+	852	1,402	2,254	1,539	2,379	3,918	2,547	3,126	5,673
	Total	15,484	16,244	31,728	23,119	23,539	46,658	29,731	30,201	59,932
NAVAJO	65-74	2,954	3,109	6,063	4,332	4,535	8,867	5,534	6,051	11,585
	75-84	1,271	1,611	2,882	1,912	2,224	4,136	2,637	2,864	5,501
	85+	313	500	813	491	747	1,238	703	1,063	1,766
	Total	4,538	5,220	9,758	6,735	7,506	14,241	8,874	9,978	18,852
PIMA	65-74	28,873	34,043	62,916	38,174	43,618	81,792	51,866	59,518	111,384
	75-84	18,350	25,149	43,499	22,141	27,465	49,606	26,808	31,927	58,735
	85+	4,326	8,746	13,072	7,265	12,630	19,895	9,879	15,588	25,467
	Total	51,549	67,938	119,487	67,580	83,713	151,293	88,553	107,033	195,586
PINAL	65-74	9,001	8,989	17,990	16,421	16,834	33,255	25,413	27,626	53,039
	75-84	4,393	4,780	9,173	7,493	7,596	15,089	12,860	12,668	25,528
	85+	805	1,203	2,008	1,512	2,215	3,727	3,130	3,694	6,824
	Total	14,199	14,972	29,171	25,426	26,645	52,071	41,403	43,988	85,391
SANTA CRUZ	65-74	1,101	1,298	2,399	1,743	1,948	3,691	2,419	2,779	5,198
	75-84	586	778	1,364	831	1,046	1,877	1,196	1,479	2,675
	85+	122	229	351	230	426	656	397	620	1,017
	Total	1,809	2,305	4,114	2,804	3,420	6,224	4,012	4,878	8,890
YAVAPAI	65-74	10,065	10,192	20,257	14,019	14,906	28,925	19,553	21,085	40,638
	75-84	5,924	7,106	13,030	7,790	8,206	15,996	9,840	10,123	19,963
	85+	1,214	2,315	3,529	2,229	3,617	5,846	3,054	4,216	7,270
	Total	17,203	19,613	36,816	24,038	26,729	50,767	32,447	35,424	67,871
YUMA	65-74	7,928	8,013	15,941	8,322	9,055	17,377	9,768	11,150	20,918
	75-84	4,310	4,426	8,736	5,248	5,267	10,515	7,370	7,558	14,928
	85+	778	1,001	1,779	1,241	1,513	2,754	2,462	2,616	5,078
	Total	13,016	13,440	26,456	14,811	15,835	30,646	19,600	21,324	40,924

Our Web site at <http://pub.azdhs.gov/health-stats> provides access to a wide range of statistical information about the health status of Arizonans. The Arizona Health Status and Vital Statistics annual report examines trends in natality, mortality, and morbidity towards established health objectives. Additional reports and studies include Advance Vital Statistics by County of Residence, Injury Mortality among Arizona Residents (accidents, suicides, homicides, legal intervention, firearm-related fatalities, drug-related deaths, drowning deaths, falls among Arizonans 65 years or older), Hospital Inpatient and Emergency Room Statistics (first-listed diagnosis, procedures, mental disorders, asthma, diabetes, influenza and pneumonia, and substance abuse), Community Vital Statistics, Teenage Pregnancy, Differences in Health Status Among Racial/Ethnic Groups, and Health Status Profile of American Indians in Arizona.



**ARIZONA DEPARTMENT OF HEALTH SERVICES
Bureau of Public Health Statistics
Population Health and Vital Statistics Section**