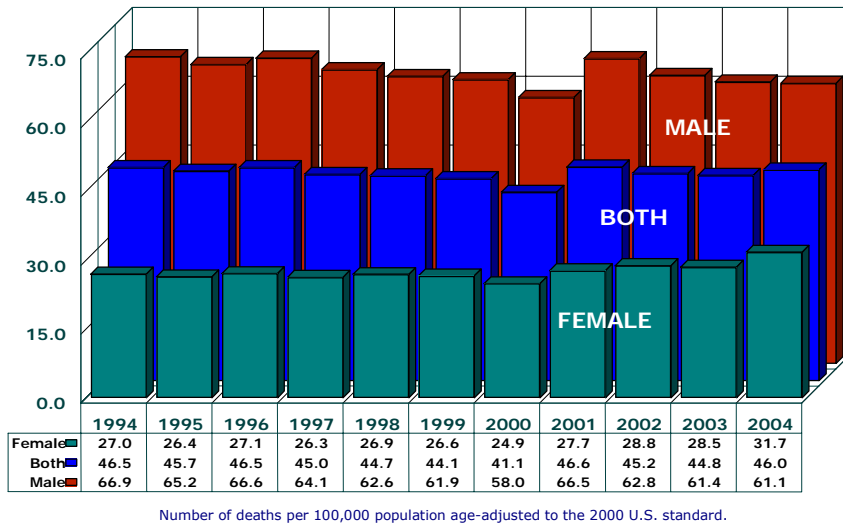


ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

KEY FINDINGS

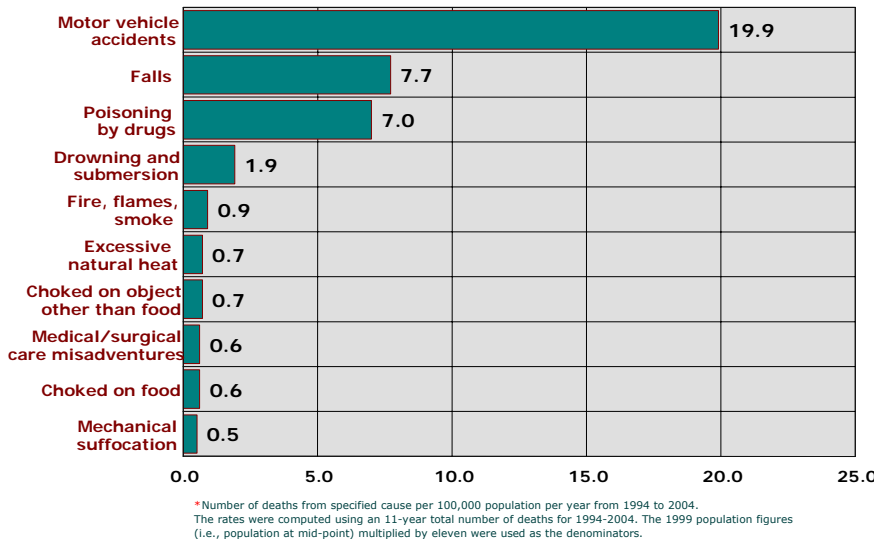
**Figure 2-1**  
**Age-Adjusted Mortality Rates for Accidents**  
**(unintentional) Injury by Gender and Year,**  
**Arizona, 1994-2004**



In 2004, there were 2,641 unintentional injury deaths among the residents of Arizona, compared to 1,879 in 1994 (Table 2-1). However, the 2004 age-adjusted mortality rate for accidental (unintentional) injuries changed very little from the 1994 rate for both genders (46.0 and 46.5 deaths per 100,000 population, respectively, Figure 2-1).

The age-adjusted mortality rate for unintentional injuries among males decreased for the 3<sup>rd</sup> consecutive year to 61.1 deaths per 100,000, respectively). (Figure 2-1). In contrast, the 2001-2004 mortality rates for unintentional injuries among females were higher than the annual rates seven earlier years. In fact, the 2004 female mortality rate was the highest rate of the eleven-year period from 1994 to 2004.

**Figure 2-2**  
**Average Annual\* Mortality Rates for Leading Causes of**  
**Accidental (unintentional) Injury, Arizona, 1994-2004**



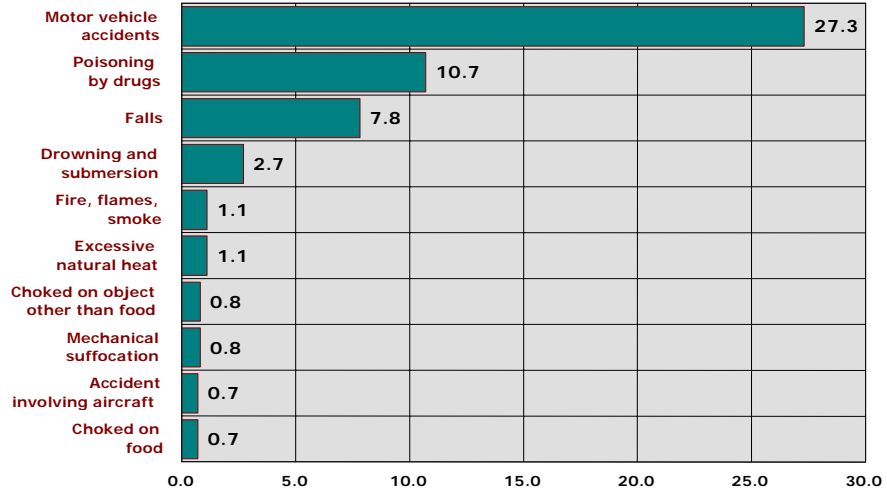
The leading causes of accidental (unintentional) injury are the ten causes with the greatest number of deaths over the 1994-2004 period. *Motor vehicle accidents* (10,796 deaths), followed by *falls* (4,163), *poisoning by drugs, medicaments and biological substances* (3,813), *drowning and submersion* (957), and *exposure to smoke, fire and flames* (479) have remained the top five leading causes of accidental injury death in Arizona (Figure 2-2, Table 2-1), as they were in 1990-2000.

*Exposure to excessive natural heat* (387 deaths), was the sixth leading cause of unintentional injury death, followed by *choking on object other than food* (382) *misadventures to patients during medical/surgical care* (347), *choking on food* (325) and *mechanical suffocation* (282).

**ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004  
KEY FINDINGS**

Males accounted for 68.4 percent of all death in motor vehicle accidents (7,382 out of 10,796). In 1994-2004, the average-annual death rate for *motor vehicle accidents* among Arizona males was 2.2 times greater than that for females (Figure 2-3, Figure 2-4, Tables 2-2 and 2-3). *Poisoning by drugs* ranked second for males, but third for females. In contrast, deaths from *falls* ranked second for females, but third for males. The fourth and fifth causes of accidental injury death – *accidental drowning and submersion* and *fire, flames and smoke*, were the same for both males and females.

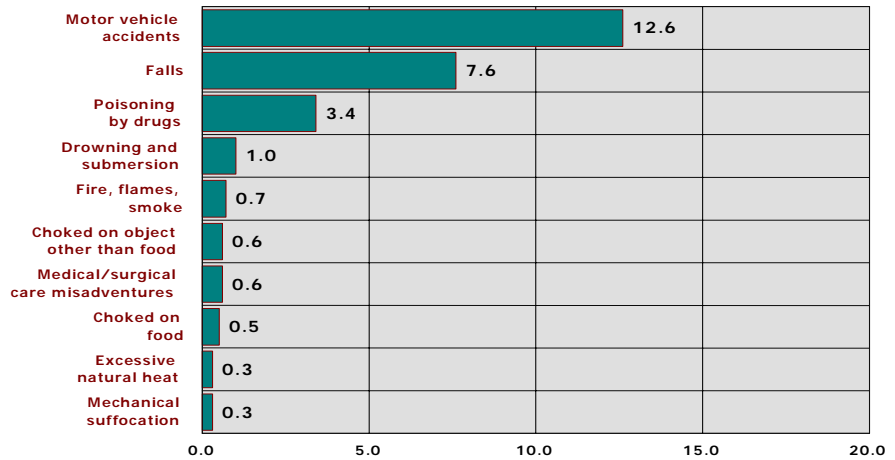
**Figure 2-3  
Average Annual \* Mortality Rates for Leading Causes of  
Accidental (unintentional) Injury Among Males,  
Arizona, 1994-2004**



\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

*Choking on objects other than food* was the sixth leading cause of accidental injury death among females (Figure 2-4). *Exposure to excessive natural heat* ranked sixth for males, but ninth for females. *Misadventures during surgical and medical care* were the seventh cause of accidental injury death for females, but they were not ranked in the top 10 for males. In contrast, *accidents involving aircraft* (195 deaths in 1994-2004) were among the leading causes of injury death for males, but not females (Figure 2-3). All types of accidents combined accounted for 7,968 deaths among females in 1994-2004, compared to 16,493 male deaths during that period (Table 2-2, Table 2-3).

**Figure 2-4  
Average Annual \* Mortality Rates for Leading Causes of  
Accidental (unintentional) Injury Among Females,  
Arizona, 1994-2004**

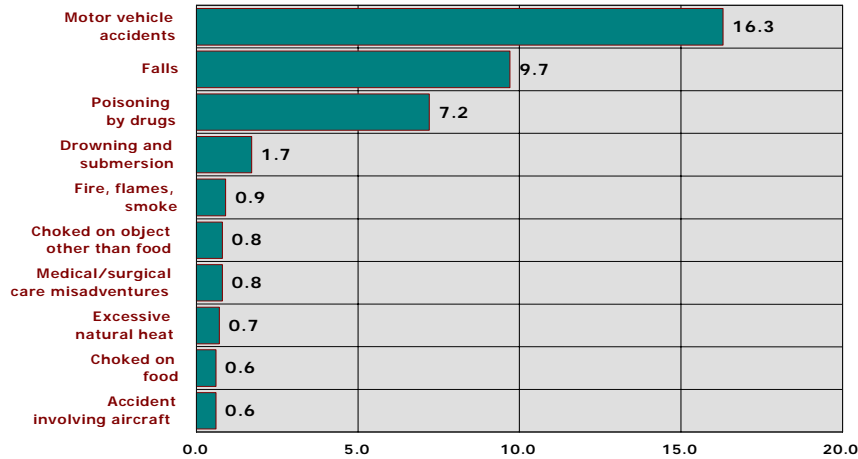


\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

KEY FINDINGS

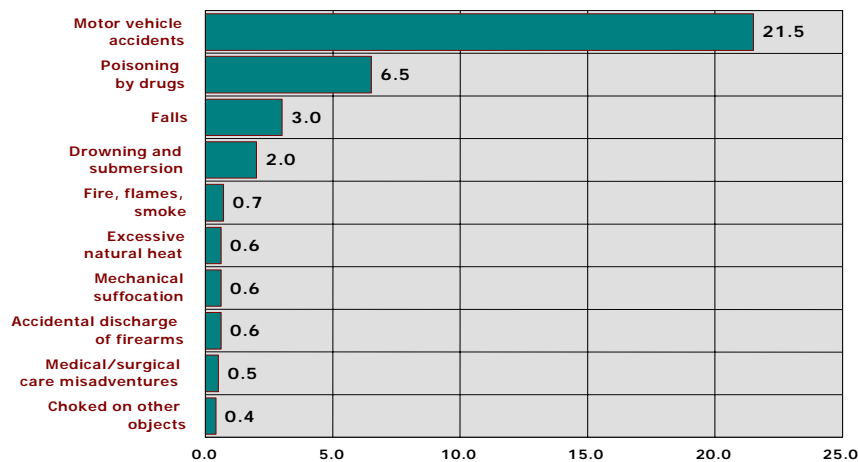
**Figure 2-5**  
Average Annual\* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among White non-Hispanics, Arizona, 1994-2004



\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

Among White non-Hispanic residents of Arizona, the average annual mortality rate for *motor vehicle crashes* (16.3 deaths per 100,000) was 9.6 times greater in 1994-2004 than the rate for *drowning* (1.7/100,000). During 1994-2004, *choking on food* posed the same mortality risk as *accidents involving aircraft* (0.6/100,000; **Figure 2-5**). The number of fatal *drug overdoses* among White non-Hispanics increased 2.7 times from 145 deaths in 1994 to 390 deaths in 2004 (**Table 2-10**). The number of deaths from *falls* more than doubled from 204 in 1994 to 453 in 2004.

**Figure 2-6**  
Average Annual\* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among Hispanics or Latinos, Arizona, 1994-2004



\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

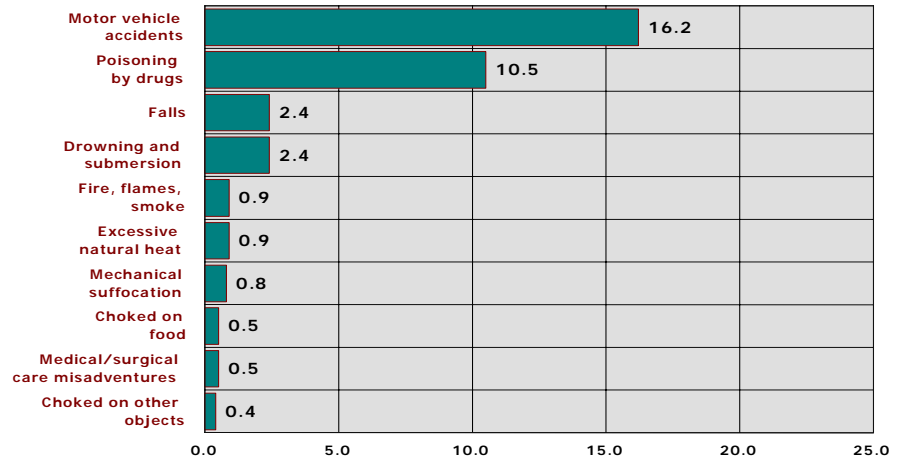
The leading cause of unintentional injury death among Hispanic or Latino residents of the State were *motor vehicle accidents* which accounted for 54.5 percent of all accidental fatalities in this group in 1994-2004 (**Figure 2-6, Table 2-11**). The average annual motor vehicle fatality rate of 21.5 deaths per 100,000 Hispanics per year was the second highest rate among the race/ethnic groups.

ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

KEY FINDINGS

The average annual mortality rate for *accidental poisoning by drugs* among Blacks or African Americans (**Figure 2-7**) was the highest rate among the race/ethnic groups at 10.5 deaths per 100,000 population. Drug overdoses accounted for 25.9 percent of all fatal unintentional injuries in this group between 1994 and 2004 (**Table 2-12**). The *drowning* rate of 2.4 per 100,000 Blacks or African Americans was the second highest rate among the race/ethnic groups in the State.

**Figure 2-7**  
Average Annual \* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among Blacks or African Americans, Arizona, 1994-2004

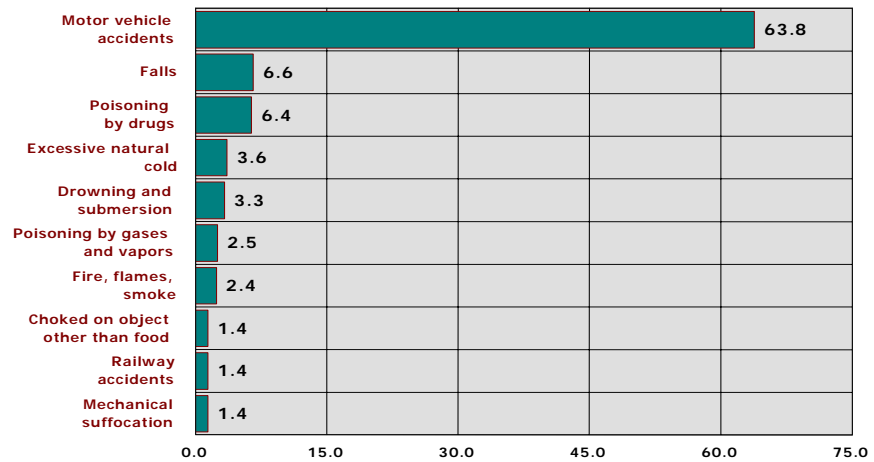


\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

*Excessive natural cold* ranked fourth among the leading causes of unintentional injury death for American Indian residents of Arizona (**Figure 2-8, Table 2-13**), but it did not rank in the top five for any other race/ethnic group. During 1994-2004, 105 deaths of American Indians were attributed to exposure to cold (**Table 2-13**).

Mortality rates of American Indians for both *motor vehicle accidents* and *drowning* were the highest rates among the race/ethnic groups.

**Figure 2-8**  
Average Annual \* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among American Indians, Arizona, 1994-2004

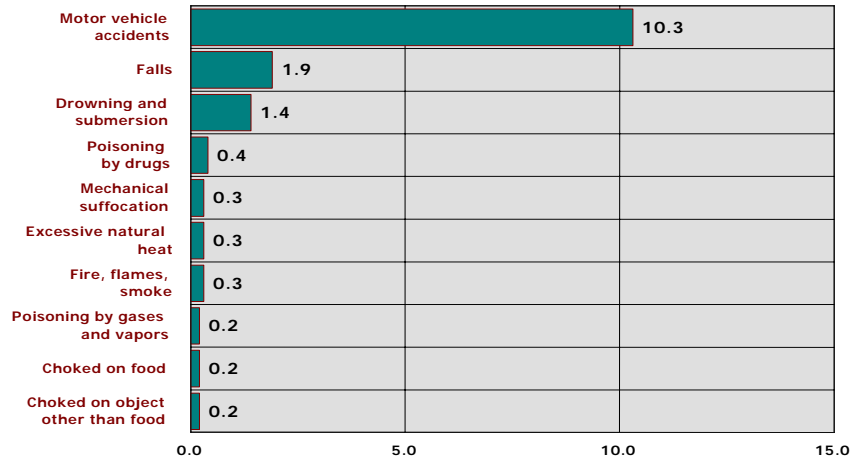


\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

KEY FINDINGS

**Figure 2-9**  
Average Annual\* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among Asians or Pacific Islanders, Arizona, 1994-2004



\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

During 1994-2004, the cause-specific injury death rates of Asian or Pacific Islander residents of Arizona were the lowest rates among the race/ethnic groups. In the eleven years from 1994 to 2004, only 5 Asians died from poisoning by drugs (Table 2-14). Except for motor vehicle accidents, falls and drowning, the number of deaths for other unintentional injuries among Asians was too small to compute statistically reliable rates (the rates for choking on food and choking on objects other than food in Figure 2-9 are based on only 2 deaths each during the eleven-year period from 1994 to 2004).

**Figure 2-10**  
Comparison of Average Annual\* Mortality Rates for the Five Leading Causes of Accidental (unintentional) Injury by Race/Ethnicity, Arizona, 1994-2004

Rank	Asian or Pacific Islander	American Indian or Alaska Native	Black or African American	Hispanic or Latino	White non-Hispanic
1	Motor vehicle accident 10.3	Motor vehicle accident 63.8	Motor vehicle accident 16.2	Motor vehicle accident 21.5	Motor vehicle accident 16.3
2	Fall 1.9	Fall 6.6	Poisoning by drugs 10.5	Poisoning by drugs 6.5	Fall 9.7
3	Drowning 1.4	Poisoning by drugs 6.4	Fall 2.4	Fall 3.0	Poisoning by drugs 7.2
4	Poisoning by drugs 0.4	Excessive natural cold 3.6	Drowning 2.4	Drowning 2.0	Drowning 1.7
5	Mechanical suffocation 0.3	Drowning 3.3	Fire, flames smoke 1.3	Fire, flames smoke 0.7	Fire, flames smoke 0.9

Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

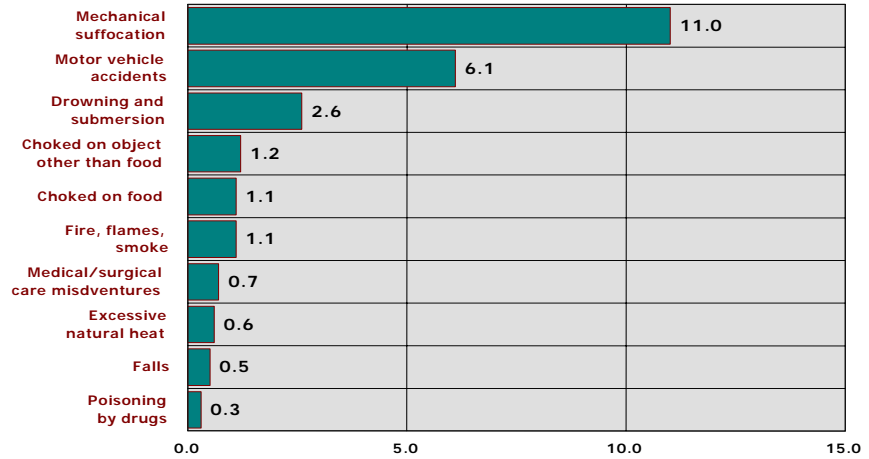
Figure 2-10 shows variation across race/ethnic groups in the five leading causes of unintentional injury mortality. The race/ethnic groups share most of the leading causes in common (motor vehicle accidents, poisoning by drugs, drowning, fire, flames and smoke). For Asians, deaths due to mechanical suffocation ranked fifth, but they were not ranked in the top 5 for any other race/ethnic group. Deaths due to excessive natural cold ranked fourth for the American Indian population, but not ranked in the top 5 for the other racial/ethnic groups.

ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

KEY FINDINGS

**Figure 2-11**  
Average Annual\* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among Infants (under 1 year), 1994-2004

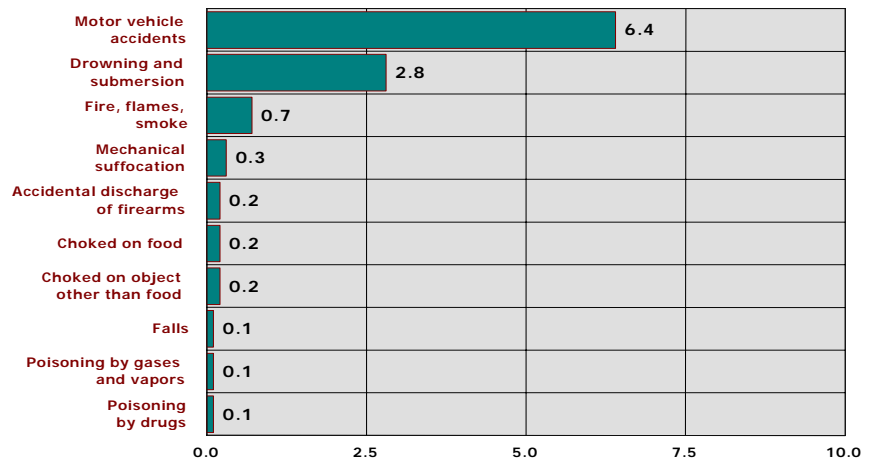
The top five causes of unintentional injury death among infants (<1 year of age) for 1994-2004 were *mechanical suffocation*, *motor vehicle accidents*, *accidental drowning and submersion*, *choking on object other than food*, and *choking on food* (Figure 2-11, Table 2-4). During 1994-2004, 5 infants died from exposure to excessive natural heat.



\*Number of deaths from specified cause per 100,000 births per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

**Figure 2-12**  
Average Annual\* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among Children (1-14 years old), 1994-2004

Among children 1-14 years old, the average annual mortality rate for *motor vehicle crashes* (6.4 deaths per 100,000) was 2.3 times greater in 1994-2004 than the rate for *drowning* (2.8/100,000), the second cause of unintentional injury. During 1994-2004, *accidental discharge of firearms* posed the same mortality risk as *choking on food* (0.2/100,000; Figure 2-12)

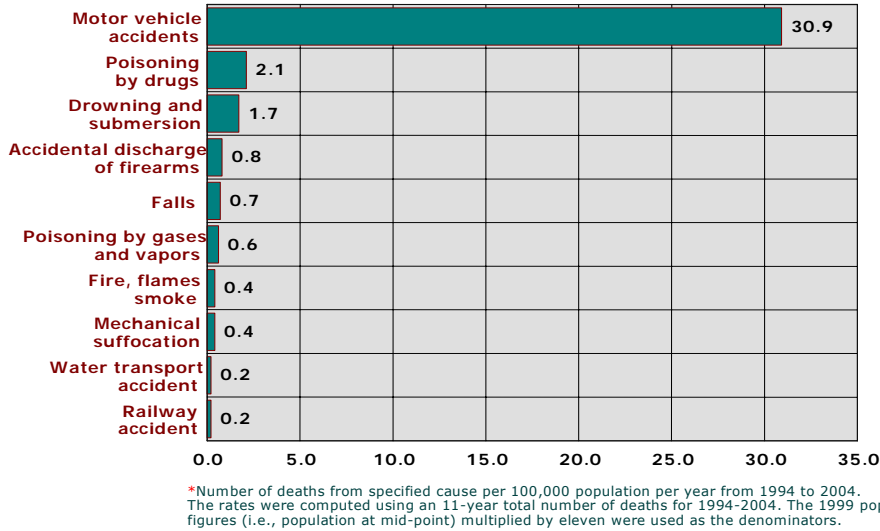


\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

KEY FINDINGS

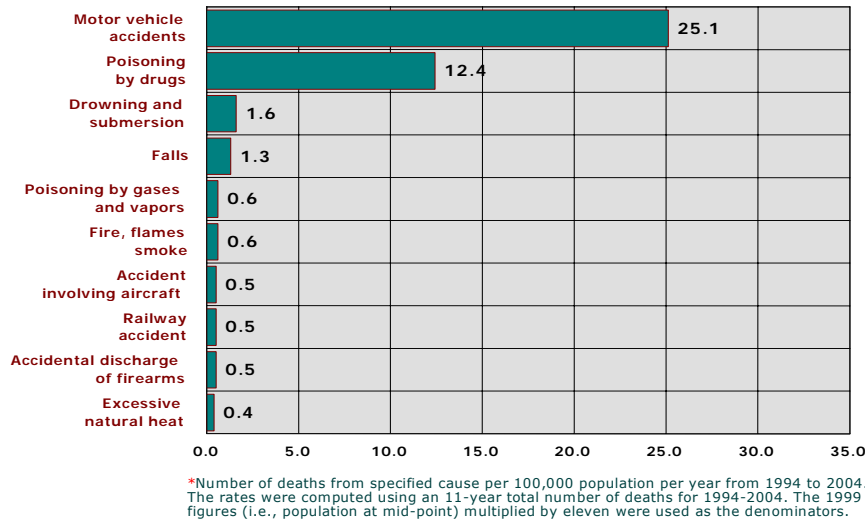
**Figure 2-13**  
Average Annual \* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among Adolescents (15-19 years old), 1994-2004



The leading cause of unintentional injury death among adolescents 15-19 years old were *motor vehicle accidents* which accounted for 77.3 percent of all accidental fatalities among Arizona adolescents in 1994-2004 (Figure 2-13, Table 2-6). The average annual motor vehicle fatality rate of 30.9 deaths per 100,000 adolescents per year was the highest rate among the age groups.

The number of adolescents who lost their lives in motor vehicle crashes (1,158 deaths in 1994-2004) was 15.0 times greater than the number of those who died from poisoning by drugs (77 deaths), the second leading cause of accidental death of Arizonans 15-19 years old in 1994-2004.

**Figure 2-14**  
Average Annual \* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among Young Adults (20-44 years old), 1994-2004



The average annual mortality rate for *accidental poisoning by drugs* among young adults 20-44 years old (Figure 2-14) was the highest rate among the age groups at 12.4 per 100,000 population. Drug overdoses accounted for 26.2 percent of all fatal unintentional injuries in this group between 1994 and 2004 (Table 2-7).

During 1994-2004, *accidental discharge of firearms* posed the same mortality risk as *railway accidents* or *accidents involving aircraft* (0.5 deaths per 100,000).

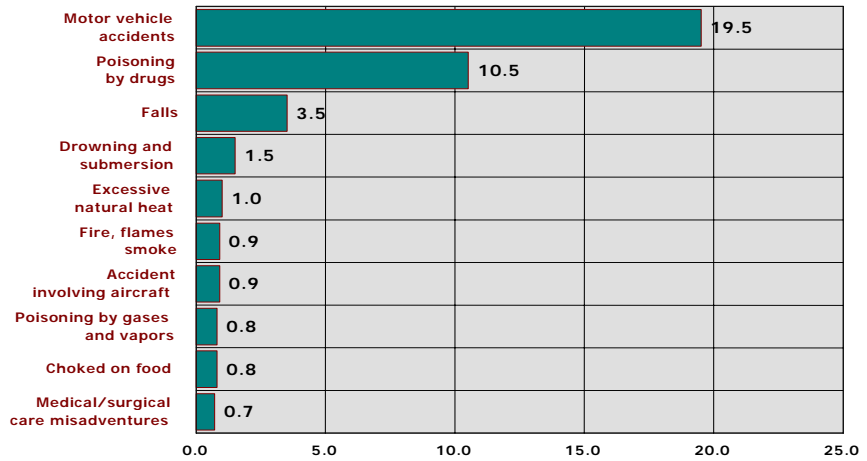
ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

KEY FINDINGS

Excessive natural heat ranked fifth among the leading causes of unintentional injury death for middle-aged adults 45-64 years old (Figure 2-15, Table 2-8), but it did not rank in the top five for any other age group. In 1994-2004, 109 middle-aged adults died from exposure to excessive natural heat, twice the number of those who died from exposure to excessive natural cold (57, Table 2-8).

During 1994-2004, the average annual mortality rate for drug overdoses (10.5 deaths per 100,000 middle-aged adults) was the second highest rate among the age groups.

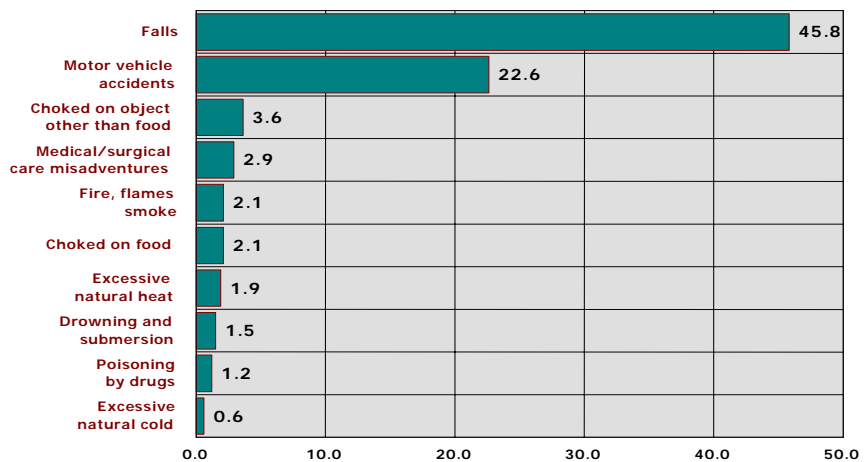
Figure 2-15  
Average Annual\* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among Middle-Aged Adults (45-64 years old), 1994-2004



\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

During 1994-2004, falls were the leading cause of unintentional injury death among elderly 65 years or older (Figure 2-16, Table 2-9). The number of deaths from falls more than doubled among elderly Arizonans from 203 in 1994 to 460 in 2004. Deaths due to exposure to fire, flames and/or smoke ranked fifth among the leading causes of accidental death for this age group. Both excessive natural heat (145 deaths in 1994-2004) and excessive natural cold (43 deaths in 1994-2004) were among the top 10 causes of unintentional injury mortality of the elderly Arizonans 65 years or older.

Figure 2-16  
Average Annual\* Mortality Rates for Leading Causes of Accidental (unintentional) Injury Among Elderly (65 years and older), 1994-2004



\*Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

KEY FINDINGS

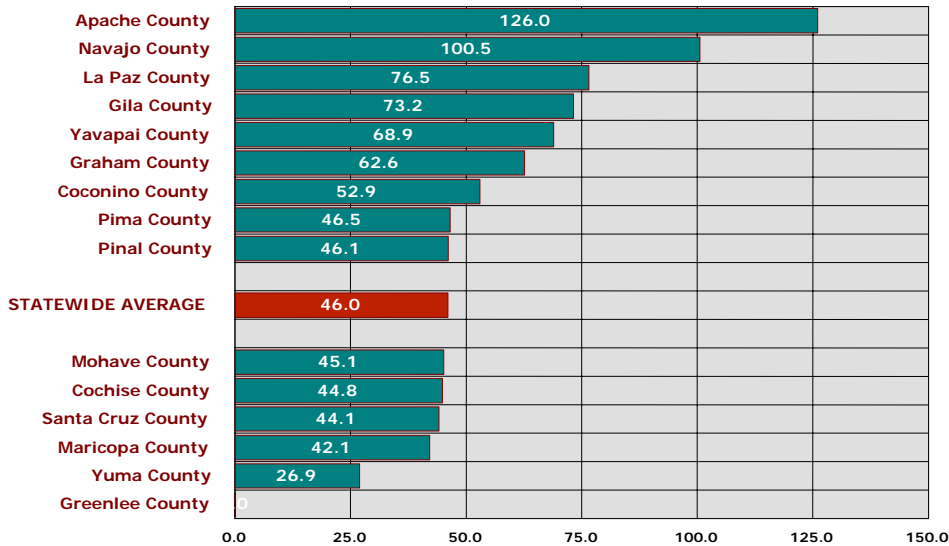
**Figure 2-17**  
**Comparison of Average Annual\* Mortality Rates for the**  
**Five Leading Causes of Accidental (unintentional) Injury**  
**by Age Group, Arizona, 1994-2004**

Rank	Children 1-14 years old	Adolescents 15-19 years old	Young Adults 20-44 years old	Middle-Aged Adults 45-64 years old	Elderly 65 years or older
1	Motor vehicle accident 6.4	Motor vehicle accident 30.9	Motor vehicle accident 25.1	Motor vehicle accident 19.5	Falls 45.8
2	Drowning 2.8	Poisoning by drugs 2.1	Poisoning by drugs 12.4	Poisoning by drugs 10.5	Motor vehicle accident 22.6
3	Fire, flames smoke 0.7	Drowning 1.7	Drowning 1.6	Fall 3.5	Choked on objects other than food 3.6
4	Mechanical suffocation 0.3	Accidental discharge of firearms 0.8	Falls 1.3	Drowning 1.5	Medical/sur- gical care mis- adventures 2.9
5	Accidental discharge of firearms 0.2	Falls 0.7	Poisoning by gases and vapors 0.6	Excessive natural heat 1.0	Fire, flames smoke 2.1

Figure 2-17 shows variation across age groups in the five leading causes of unintentional injury mortality. The age groups share most of the leading causes in common (*motor vehicle accidents, poisoning by drugs, drowning, and falls*). For children 1-14 years old, deaths due to *mechanical suffocation* ranked fourth, but they were not ranked in the top 5 for any other age group. Deaths due to *excessive natural heat* ranked fifth for the middle-aged adults 45-64 years old, but not ranked in the top 5 for the other age groups.

Number of deaths from specified cause per 100,000 population per year from 1994 to 2004. The rates were computed using an 11-year total number of deaths for 1994-2004. The 1999 population figures (i.e., population at mid-point) multiplied by eleven were used as the denominators.

**Figure 2-18**  
**Age-Adjusted Mortality Rates for Accidents (unintentional)**  
**Injury by County of Residence in Arizona, 2004**



In 2004, the age-adjusted mortality rates for all accidents ranged from a low of 26.9/100,000 in Yuma County to a high of 126.0/100,000 in Apache County (Figure 2-18). Nine among Arizona's fifteen counties exceeded the statewide average rate of 46.0 deaths per 100,000 age-adjusted population. There were no deaths from unintentional injuries in Greenlee County.

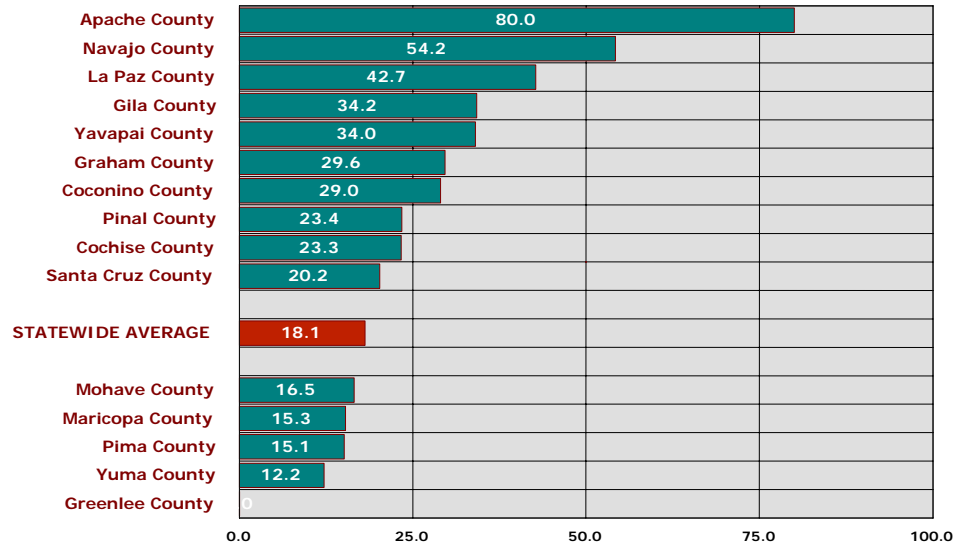
Number of deaths from unintentional injuries (accidents) per 100,000 population age-adjusted to the 2000 U.S. standard.

ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

KEY FINDINGS

No resident of Greenlee County died in 2004 in a motor vehicle accident. In 2004, as in the past, the residents of the metropolitan areas of Phoenix (Maricopa County), Tucson (Pima County) and Yuma (Yuma County, **Figure 2-19**) had the lowest age-adjusted mortality rates for motor vehicle accidents. The residents of the rural counties of Apache, Navajo and La Paz had the highest mortality risk for motor vehicle accidents.

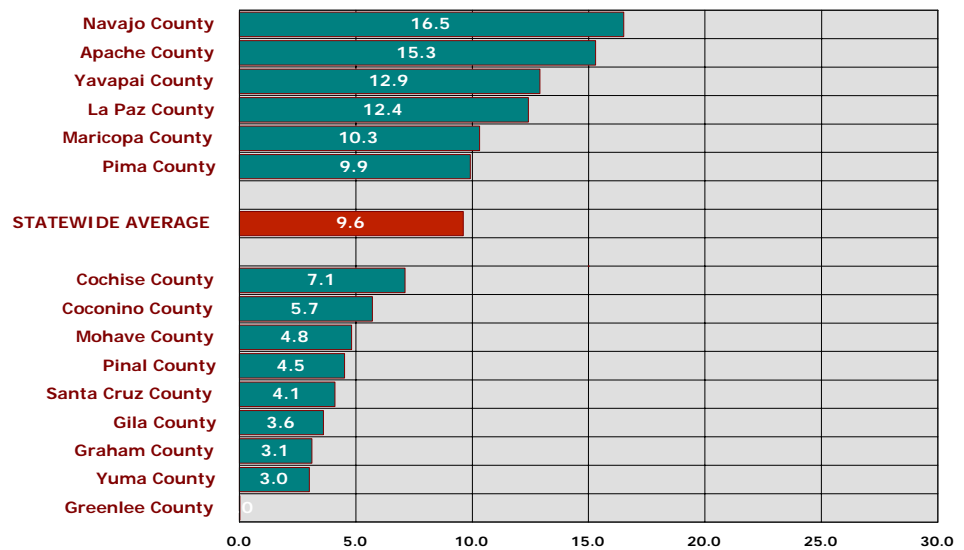
**Figure 2-19**  
Age-Adjusted Mortality Rates for Motor Vehicle Accidents by County of Residence in Arizona, 2004



Number of deaths from motor vehicle accidents per 100,000 population age-adjusted to the 2000 U.S. standard.

The age-adjusted mortality rates for falls varied in Arizona in 2004 from zero no fatalities in Greenlee County to 16.5 deaths per 100,000 residents of Navajo County.

**Figure 2-20**  
Age-Adjusted Mortality Rates for Accidental Falls by County of Residence in Arizona, 2004



Number of deaths from falls per 100,000 population age-adjusted to the 2000 U.S. standard.

**TABLE 2-1  
ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG ARIZONA RESIDENTS, 1994-2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	1,879	1,973	2,091	2,104	2,182	2,192	2,087	2,430	2,416	2,466	2,641
Railway accidents	18	19	21	18	14	6	13	9	3	10	11
Motor vehicle-related accidents	897	1,023	1,051	972	1,001	980	896	908	1,003	1,005	1,060
Water transport accidents	9	4	5	7	6	7	6	6	4	1	4
Accidents involving aircraft	29	19	26	27	17	16	20	9	19	23	21
Poisoning by drugs/medicaments	224	221	268	289	362	383	230	414	458	447	517
Poisoning by gases and vapors	22	30	28	27	28	31	20	32	24	18	16
Falls	263	237	286	359	352	404	374	445	448	469	526
Fire, flames, smoke	60	45	42	43	36	45	46	49	41	42	30
Excessive natural heat	41	49	38	20	51	35	23	21	35	40	34
Excessive natural cold	18	9	13	22	19	15	15	20	15	15	17
Contact with venomous snakes and lizards	0	0	0	0	0	1	1	0	0	0	1
Contact with venomous spiders	0	0	1	0	0	0	0	0	0	0	1
Contact with scorpions	0	0	0	0	0	0	1	1	1	0	0
Contact with hornets, wasps, bees	0	1	0	1	0	0	0	0	0	0	0
Bitten or struck by dog	1	0	1	0	0	1	1	1	0	1	2
Lightning	3	3	2	0	3	5	2	0	0	2	0
Storms and floods	0	0	0	1	2	0	0	3	0	4	0
Accidental drowning and submersion	79	107	97	98	99	88	94	89	70	88	97
Choked on food	21	29	27	29	31	38	35	20	18	41	36
Choked on other objects	30	20	23	29	31	22	34	32	54	59	48
Mechanical suffocation	22	26	17	22	22	28	19	57	23	25	21
Accidental discharge of firearms	22	28	12	17	16	7	11	*NA	26	13	13
Exposure to electric current	11	12	11	9	5	6	7	5	6	4	9
Overexertion	1	0	1	1	0	0	0	0	0	1	0
Adverse effects of drugs in therapeutic use	9	8	9	7	5	3	3	6	9	6	2
Misadventures to patients during medical/surgical care	25	20	24	20	13	17	43	44	46	49	46

\*See Technical Notes. Drowning in water transport accidents and drowning of undetermined intent are not included in the definition of accidental drowning and submersion on Tables 1-29.

**TABLE 2-2  
ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG MALES, ARIZONA RESIDENTS, 1994-2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	1,303	1,371	1,453	1,450	1,477	1,481	1,407	1,665	1,593	1,617	1,676
Railway accidents	18	18	17	17	14	5	12	9	3	8	8
Motor vehicle-related accidents	624	698	729	666	664	680	617	638	684	689	693
Water transport accidents	7	4	2	6	6	5	4	4	2	1	4
Accidents involving aircraft	24	18	21	20	16	13	19	8	16	20	20
Poisoning by drugs/medicaments	171	181	220	237	287	304	184	305	334	313	366
Poisoning by gases and vapors	20	20	24	23	21	27	13	21	15	13	14
Falls	137	122	143	186	168	201	201	243	234	235	240
Fire, flames, smoke	43	26	24	30	24	23	31	26	25	28	16
Excessive natural heat	33	37	32	15	43	23	17	14	25	27	29
Excessive natural cold	14	5	12	20	18	12	11	17	14	15	15
Contact with venomous snakes and lizards	0	0	0	0	0	1	1	0	0	0	1
Contact with venomous spiders	0	0	1	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	1	0	0
Contact with hornets, wasps, bees	0	1	0	1	0	0	0	0	0	0	0
Bitten or struck by dog	1	0	0	0	0	0	1	1	0	0	0
Lightning	3	2	2	0	2	4	1	0	0	1	0
Storms and floods	0	0	0	1	2	0	0	3	0	3	0
Accidental drowning and submersion	52	87	69	72	78	66	68	62	48	72	70
Choked on food	13	18	18	14	24	20	26	11	8	27	21
Choked on other objects	17	9	11	15	17	12	18	18	32	31	28
Mechanical suffocation	15	20	13	20	14	19	17	44	18	16	18
Accidental discharge of firearms	21	27	12	14	14	7	9	*NA	23	8	12
Exposure to electric current	10	12	10	9	4	5	7	5	6	4	9
Overexertion	1	0	0	1	0	0	0	0	0	1	0
Adverse effects of drugs in therapeutic use	3	4	5	4	1	2	1	3	3	4	1
Misadventures to patients during medical/surgical care	15	10	11	14	5	10	23	21	20	24	22

\*See Technical Notes.

TABLE 2-3  
ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG FEMALES, ARIZONA RESIDENTS, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	576	602	638	654	705	711	680	765	823	849	965
Railway accidents	0	1	4	1	0	1	1	0	0	2	3
Motor vehicle-related accidents	273	325	322	306	337	300	279	270	319	316	367
Water transport accidents	2	0	3	1	0	2	2	2	2	0	0
Accidents involving aircraft	5	1	5	7	1	3	1	1	3	3	1
Poisoning by drugs/medicaments	53	40	48	52	75	79	46	109	124	134	151
Poisoning by gases and vapors	2	10	4	4	7	4	7	11	9	5	2
Falls	126	115	143	173	184	203	173	202	214	234	286
Fire, flames, smoke	17	19	18	13	12	22	15	23	16	14	14
Excessive natural heat	8	12	6	5	8	12	6	7	10	13	5
Excessive natural cold	4	4	1	2	1	3	4	3	1	0	2
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	1
Contact with scorpions	0	0	0	0	0	0	1	1	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	1	0	0	1	0	0	0	1	2
Lightning	0	1	0	0	1	1	1	0	0	1	0
Storms and floods	0	0	0	0	0	0	0	0	0	1	0
Accidental drowning and submersion	27	20	28	26	21	22	26	27	22	16	27
Choked on food	8	11	9	15	7	18	9	9	10	14	15
Choked on other objects	13	11	12	14	14	10	16	14	22	28	20
Mechanical suffocation	7	6	4	2	8	9	2	13	5	9	3
Accidental discharge of firearms	1	1	0	3	2	0	2	*NA	3	5	1
Exposure to electric current	1	0	1	0	1	1	0	0	0	0	0
Overexertion	0	0	1	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	6	4	4	3	4	1	2	3	6	2	1
Misadventures to patients during medical/surgical care	10	10	13	6	8	7	20	23	26	25	24

\* See Technical Notes.

TABLE 2-4  
ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG INFANTS, ARIZONA RESIDENTS, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	32	14	23	18	14	26	15	25	21	23	19
Railway accidents	0	0	0	0	0	0	0	1	0	0	0
Motor vehicle-related accidents	4	6	7	3	5	7	6	6	4	4	2
Water transport accidents	0	0	0	0	0	1	0	0	0	0	0
Accidents involving aircraft	0	0	0	0	0	0	0	0	0	0	0
Poisoning by drugs/medicaments	0	0	0	0	0	0	1	0	1	0	1
Poisoning by gases and vapors	0	0	0	0	0	0	0	0	1	0	1
Falls	1	0	1	1	0	0	1	0	0	0	0
Fire, flames, smoke	2	0	1	0	0	2	0	3	1	1	0
Excessive natural heat	1	0	0	0	0	0	0	0	0	1	3
Excessive natural cold	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	1	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	1	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	4	3	4	2	1	1	3	2	4	0	1
Choked on food	1	1	1	0	0	0	0	0	0	4	3
Choked on other objects	2	0	0	4	0	0	0	2	2	1	0
Mechanical suffocation	14	4	8	8	8	15	4	9	9	10	8
Accidental discharge of firearms	0	0	0	0	0	0	0	0	0	0	0
Exposure to electric current	0	0	0	0	0	0	0	0	0	0	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	3	0	1	1	0	0	0	0	0	0	1

\* See Technical Notes.

TABLE 2-5  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG CHILDREN (1-14 YEARS OLD),  
 ARIZONA RESIDENTS, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	127	161	140	145	125	99	116	129	97	107	98
Railway accidents	1	0	1	1	0	0	1	0	0	0	0
Motor vehicle-related accidents	57	81	82	81	64	59	62	59	55	63	56
Water transport accidents	1	1	1	1	1	1	1	0	1	0	0
Accidents involving aircraft	0	0	1	0	0	0	0	1	0	0	0
Poisoning by drugs/medicaments	0	1	0	2	0	1	0	3	2	0	2
Poisoning by gases and vapors	0	0	1	4	0	2	2	0	2	1	0
Falls	2	2	0	2	1	0	0	2	2	1	1
Fire, flames, smoke	23	14	8	1	7	8	4	7	2	4	0
Excessive natural heat	0	0	1	1	1	0	1	1	0	3	0
Excessive natural cold	0	0	2	0	0	0	1	0	0	0	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	1	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	2
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	1	0	0	1	0	2	0
Accidental drowning and submersion	28	39	28	32	33	22	30	34	22	24	24
Choked on food	2	3	4	0	3	1	2	3	0	1	1
Choked on other objects	2	1	1	0	3	3	0	4	0	2	1
Mechanical suffocation	0	6	1	6	4	0	2	4	3	4	4
Accidental discharge of firearms	5	6	2	4	3	0	1	3	3	0	2
Exposure to electric current	0	0	0	2	0	1	1	1	0	0	1
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	1	0	0
Misadventures to patients during medical/surgical care	0	0	0	1	0	0	1	2	2	0	0

\* See Technical Notes.

TABLE 2-6  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG ADOLESCENTS (15-19 YEARS OLD),  
 ARIZONA RESIDENTS, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	115	147	142	113	131	122	132	143	144	140	169
Railway accidents	1	0	1	2	0	1	0	0	0	1	0
Motor vehicle-related accidents	94	114	114	86	106	100	101	100	110	105	128
Water transport accidents	3	0	1	2	0	0	0	1	0	0	1
Accidents involving aircraft	0	0	0	2	2	0	0	0	1	1	0
Poisoning by drugs/medicaments	3	5	3	6	5	5	3	8	12	13	17
Poisoning by gases and vapors	0	4	1	3	1	4	1	2	0	2	3
Falls	2	2	4	1	1	1	3	3	3	3	2
Fire, flames, smoke	1	2	1	2	0	1	0	4	2	0	0
Excessive natural heat	0	1	0	0	3	0	0	0	0	0	2
Excessive natural cold	2	0	0	0	0	0	1	0	1	1	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	1	0	0	0	1	0	0	1	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	5	8	7	9	4	2	7	5	6	4	6
Choked on food	0	0	0	0	1	1	1	0	0	1	0
Choked on other objects	0	1	0	0	0	1	0	0	0	0	0
Mechanical suffocation	1	2	0	0	2	3	0	4	0	0	1
Accidental discharge of firearms	2	4	4	2	2	0	1	*NA	5	3	3
Exposure to electric current	1	1	1	0	0	0	0	0	0	0	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	0	0	0	0	0	0	0	0	0	1	0

\* See Technical Notes.

TABLE 2-7  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG YOUNG ADULTS (20-44 YEARS OLD),  
 ARIZONA RESIDENTS, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	811	877	898	874	908	858	706	932	850	896	830
Railway accidents	13	16	15	12	9	1	10	5	3	6	3
Motor vehicle-related accidents	435	491	503	472	478	439	384	444	433	479	438
Water transport accidents	3	2	2	3	2	4	3	4	3	0	2
Accidents involving aircraft	12	8	15	11	4	8	10	3	7	9	9
Poisoning by drugs/medicaments	179	171	204	205	259	269	135	259	271	258	261
Poisoning by gases and vapors	13	13	14	11	15	11	7	15	8	10	6
Falls	27	27	27	26	21	27	19	20	30	22	20
Fire, flames, smoke	14	9	8	20	10	11	14	12	7	6	6
Excessive natural heat	8	15	6	7	15	6	6	1	11	6	5
Excessive natural cold	5	4	3	10	7	6	2	7	3	10	1
Contact with venomous snakes and lizards	0	0	0	0	0	1	0	0	0	0	0
Contact with venomous spiders	0	0	1	0	0	0	0	0	0	0	1
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	1	0	0	0	0	0	0	0	0	0	0
Lightning	2	1	1	0	2	2	0	0	0	1	0
Storms and floods	0	0	0	1	1	0	0	0	0	1	0
Accidental drowning and submersion	24	40	32	33	30	27	26	25	17	29	27
Choked on food	7	7	5	7	5	5	4	3	3	4	4
Choked on other objects	5	2	3	7	3	2	2	2	0	4	1
Mechanical suffocation	4	7	4	6	3	8	7	25	6	5	3
Accidental discharge of firearms	10	18	6	6	10	7	5	*NA	9	4	7
Exposure to electric current	9	6	7	2	4	4	4	2	3	2	5
Overexertion	1	0	0	1	0	0	0	0	0	1	0
Adverse effects of drugs in therapeutic use	1	1	2	0	1	1	0	3	1	0	1
Misadventures to patients during medical/surgical care	8	3	3	3	3	0	0	3	2	4	4

\* See Technical Notes.

TABLE 2-8  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG MIDDLE-AGED ADULTS (45-64 YEARS OLD),  
 ARIZONA RESIDENTS, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	327	319	348	380	412	469	457	491	548	540	636
Railway accidents	3	1	1	2	2	1	0	2	0	2	7
Motor vehicle-related accidents	158	167	179	168	185	214	196	161	234	221	239
Water transport accidents	2	0	1	1	3	1	2	0	0	1	1
Accidents involving aircraft	13	9	6	14	8	6	8	5	10	10	8
Poisoning by drugs/medicaments	36	39	53	70	93	101	78	134	159	164	211
Poisoning by gases and vapors	6	9	8	9	10	14	6	11	9	4	5
Falls	28	25	22	38	31	39	46	45	40	26	42
Fire, flames, smoke	9	10	8	8	7	10	10	9	8	9	12
Excessive natural heat	13	11	12	4	15	9	5	8	10	13	9
Excessive natural cold	9	1	4	6	5	4	5	8	6	2	7
Contact with venomous snakes and lizards	0	0	0	0	0	0	1	0	0	0	1
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	1	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	1	1	1	0	0	0
Lightning	1	2	0	0	1	3	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	1	0	1	0
Accidental drowning and submersion	9	11	9	10	17	24	14	13	11	20	25
Choked on food	5	7	3	6	9	14	10	0	5	11	12
Choked on other objects	4	4	6	4	6	2	3	7	5	7	3
Mechanical suffocation	0	2	3	1	3	1	3	8	2	5	3
Accidental discharge of firearms	4	0	0	4	1	0	2	*NA	3	2	0
Exposure to electric current	0	3	2	4	0	1	2	1	3	2	2
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	3	2	3	2	1	1	0	0	2	1	1
Misadventures to patients during medical/surgical care	4	4	4	4	2	4	11	10	9	15	10

\* See Technical Notes.

**TABLE 2-9  
ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG ELDERLY (65 YEARS AND OLDER),  
ARIZONA RESIDENTS, 1994-2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	464	451	523	560	577	603	652	696	752	750	854
Railway accidents	0	1	1	0	1	1	1	1	0	1	1
Motor vehicle-related accidents	147	162	162	159	157	156	147	137	167	131	187
Water transport accidents	0	1	0	0	0	0	0	1	0	0	0
Accidents involving aircraft	4	2	4	0	3	2	2	0	1	3	4
Poisoning by drugs/medicaments	6	5	4	2	4	5	12	8	12	10	22
Poisoning by gases and vapors	3	4	3	0	2	0	4	4	4	1	1
Falls	203	181	232	291	297	337	305	375	373	417	460
Fire, flames, smoke	11	10	16	12	12	13	18	14	21	22	12
Excessive natural heat	18	21	17	7	14	16	10	6	13	15	8
Excessive natural cold	2	4	3	4	7	4	5	4	5	2	3
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	1	0	1	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	1	0
Lightning	0	0	0	0	0	0	1	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	1	0	0	0
Accidental drowning and submersion	9	6	16	9	13	11	12	8	9	10	13
Choked on food	6	11	14	16	13	17	18	14	10	20	16
Choked on other objects	17	12	13	14	19	14	29	17	47	45	43
Mechanical suffocation	3	5	1	1	2	1	3	7	3	1	2
Accidental discharge of firearms	1	0	0	1	0	0	2	*NA	6	4	1
Exposure to electric current	1	2	1	1	1	0	0	1	0	0	1
Overexertion	0	0	1	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	5	5	4	5	3	1	3	3	5	4	0
Misadventures to patients during medical/surgical care	10	13	16	11	8	13	31	29	33	28	31

\* See Technical Notes.

**TABLE 2-10  
ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG WHITE NON-HISPANIC RESIDENTS OF  
ARIZONA, 1994-2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	1,206	1,294	1,291	1,340	1,407	1,357	1,342	1,568	1,601	1,611	1,803
Railway accidents	8	10	10	9	4	3	5	4	3	2	5
Motor vehicle-related accidents	540	613	569	546	564	507	469	472	541	535	604
Water transport accidents	7	4	5	7	5	7	6	5	4	1	3
Accidents involving aircraft	27	18	21	24	17	16	19	8	19	21	19
Poisoning by drugs/medicaments	145	156	181	187	248	258	159	292	311	306	390
Poisoning by gases and vapors	13	16	16	14	14	11	13	21	11	9	9
Falls	204	195	242	301	307	335	320	380	387	416	453
Fire, flames, smoke	32	32	23	31	23	28	31	30	26	31	25
Excessive natural heat	29	34	26	11	34	24	17	12	28	18	18
Excessive natural cold	6	2	3	2	4	2	6	13	4	2	2
Contact with venomous snakes and lizards	0	0	0	0	0	1	1	0	0	0	1
Contact with venomous spiders	0	0	1	0	0	0	0	0	0	0	1
Contact with scorpions	0	0	0	0	0	0	1	0	1	0	0
Contact with hornets, wasps, bees	0	1	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	1	0	1	0	0	0	0	0	0	1	1
Lightning	2	1	1	0	1	3	1	0	0	1	0
Storms and floods	0	0	0	1	2	0	0	2	0	2	0
Accidental drowning and submersion	47	64	63	60	63	56	52	57	45	48	58
Choked on food	15	20	13	20	22	28	21	14	16	33	25
Choked on other objects	21	17	15	24	21	16	28	17	47	54	38
Mechanical suffocation	12	18	11	14	9	10	16	30	11	15	8
Accidental discharge of firearms	14	15	5	8	6	3	4	*NA	21	8	6
Exposure to electric current	10	10	9	6	2	4	7	1	3	2	6
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	8	7	5	6	4	3	2	6	9	6	1
Misadventures to patients during medical/surgical care	16	17	20	16	12	13	32	35	40	36	37

\* See Technical Notes.

TABLE 2-11  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG HISPANIC OR LATINO RESIDENTS OF  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	325	344	385	355	399	443	409	486	477	478	498
Railway accidents	5	2	5	4	6	2	4	2	0	1	1
Motor vehicle-related accidents	171	197	219	194	207	250	225	238	258	264	282
Water transport accidents	0	0	0	0	0	0	0	1	0	0	1
Accidents involving aircraft	1	0	3	1	0	0	1	1	0	1	1
Poisoning by drugs/medicaments	42	47	61	61	75	81	45	81	94	93	75
Poisoning by gases and vapors	3	4	3	2	3	9	1	7	9	3	5
Falls	31	23	24	35	27	38	38	36	37	24	42
Fire, flames, smoke	13	3	6	7	6	7	8	8	9	6	3
Excessive natural heat	4	9	6	5	13	2	3	3	3	12	12
Excessive natural cold	1	0	0	2	1	0	3	1	1	1	1
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	1	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	1	1	0	0	1
Lightning	0	1	0	0	2	0	1	0	0	1	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	19	27	22	15	21	16	21	21	19	26	22
Choked on food	2	4	8	2	6	6	7	4	0	4	6
Choked on other objects	2	1	2	0	2	3	1	9	4	3	6
Mechanical suffocation	5	5	1	3	8	11	1	14	10	2	8
Accidental discharge of firearms	6	9	7	6	6	2	5	*NA	4	4	3
Exposure to electric current	1	0	2	2	2	2	0	3	3	1	3
Overexertion	1	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	1	0	0	1	0	1	0	0	0	1
Misadventures to patients during medical/surgical care	6	0	3	3	1	3	9	9	4	9	7

\* See Technical Notes.

TABLE 2-12  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG BLACK OR AFRICAN AMERICAN RESIDENTS OF  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	56	64	56	72	68	64	66	78	64	81	72
Railway accidents	0	0	0	0	0	0	1	1	0	0	1
Motor vehicle-related accidents	21	37	18	34	37	30	27	32	21	26	30
Water transport accidents	1	0	0	0	1	0	0	0	0	0	0
Accidents involving aircraft	1	0	0	1	0	0	0	0	0	0	0
Poisoning by drugs/medicaments	14	9	15	19	17	23	12	20	27	27	21
Poisoning by gases and vapors	0	0	1	0	2	1	0	0	1	0	0
Falls	3	1	3	3	2	4	4	7	5	6	8
Fire, flames, smoke	1	3	6	0	1	1	1	1	1	1	1
Excessive natural heat	3	4	2	0	2	1	1	1	0	3	0
Excessive natural cold	1	0	1	0	1	0	0	0	0	1	1
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	5	3	4	6	2	3	6	3	1	6	7
Choked on food	1	2	1	1	0	0	1	1	1	2	0
Choked on other objects	1	0	0	2	0	0	2	1	1	0	0
Mechanical suffocation	2	0	2	2	0	1	1	4	1	3	0
Accidental discharge of firearms	0	0	0	1	1	0	1	2	0	0	1
Exposure to electric current	0	1	0	1	0	0	0	0	0	0	0
Overexertion	0	0	0	1	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	1	0	2	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	1	2	1	0	0	0	1	0	0	0	1

\* See Technical Notes.

**TABLE 2-13**  
**ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG AMERICAN INDIAN OR ALASKA NATIVE**  
**RESIDENTS OF ARIZONA, 1994-2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	273	251	335	315	283	281	243	257	256	269	219
Railway accidents	5	7	5	5	4	1	2	2	0	7	3
Motor vehicle-related accidents	154	162	232	188	180	170	160	154	174	166	122
Water transport accidents	1	0	0	0	0	0	0	0	0	0	0
Accidents involving aircraft	0	0	1	1	0	0	0	0	0	1	0
Poisoning by drugs/medicaments	23	8	8	17	19	16	12	17	23	18	26
Poisoning by gases and vapors	6	10	7	11	9	9	5	4	3	6	2
Falls	22	17	16	19	13	20	11	17	18	19	21
Fire, flames, smoke	13	7	7	4	6	9	6	10	4	4	1
Excessive natural heat	4	1	4	4	2	5	2	1	2	5	1
Excessive natural cold	9	7	9	17	13	11	5	6	10	11	7
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	1	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	1	0	0	0	0	0
Lightning	0	1	1	0	0	2	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	1	0	2	0
Accidental drowning and submersion	8	11	7	16	10	12	13	3	3	7	8
Choked on food	3	3	5	5	2	3	6	1	1	2	4
Choked on other objects	6	2	6	3	8	3	2	4	2	1	4
Mechanical suffocation	3	3	2	3	4	5	1	8	1	5	5
Accidental discharge of firearms	2	4	0	2	3	1	1	*NA	1	1	3
Exposure to electric current	0	1	0	0	1	0	0	1	0	1	0
Overexertion	0	0	1	0	0	0	0	0	0	1	0
Adverse effects of drugs in therapeutic use	0	0	2	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	1	1	0	1	0	1	1	0	2	4	1

\* See Technical Notes.

TABLE 2-14  
**ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG ASIAN OR PACIFIC ISLANDER RESIDENTS OF  
 ARIZONA, 1994-2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	15	16	16	14	19	22	19	23	12	21	17
Railway accidents	0	0	0	0	0	0	0	0	0	0	0
Motor vehicle-related accidents	8	12	12	8	12	16	13	8	8	13	10
Water transport accidents	0	0	0	0	0	0	0	0	0	0	0
Accidents involving aircraft	0	0	1	0	0	0	0	0	0	0	1
Poisoning by drugs/medicaments	0	0	0	1	1	1	0	1	0	0	1
Poisoning by gases and vapors	0	0	0	0	0	1	1	0	0	0	0
Falls	3	1	1	1	2	2	1	4	1	4	2
Fire, flames, smoke	1	0	0	1	0	0	0	0	0	0	0
Excessive natural heat	0	1	0	0	0	0	0	0	1	1	0
Excessive natural cold	1	0	0	0	0	0	0	0	0	0	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	1	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	0	2	1	0	3	0	1	4	2	1	2
Choked on food	0	0	0	1	0	0	0	0	0	0	1
Choked on other objects	0	0	0	0	0	0	0	1	0	1	0
Mechanical suffocation	0	0	1	0	1	1	0	1	0	0	0
Accidental discharge of firearms	0	0	0	0	0	1	0	*NA	0	0	0
Exposure to electric current	0	0	0	0	0	0	0	0	0	0	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	1	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	1	0	0	0	0	0	0	0	0	0	0

\* See Technical Notes.

TABLE 2-15  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF APACHE COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	74	56	105	66	69	66	69	63	69	72	72
Railway accidents	3	1	2	0	3	0	1	1	1	0	3
Motor vehicle-related accidents	32	33	73	47	43	47	47	47	45	44	47
Water transport accidents	1	0	0	0	0	0	0	0	0	0	0
Accidents involving aircraft	3	0	0	0	0	0	0	0	0	0	1
Poisoning by drugs/medicaments	5	3	0	0	1	0	NA*	2	4	0	6
Poisoning by gases and vapors	3	2	2	2	2	1	1	0	1	3	1
Falls	6	3	4	2	3	2	3	2	6	5	7
Fire, flames, smoke	9	1	5	2	2	2	1	0	1	2	1
Excessive natural heat	0	0	2	0	0	0	0	0	1	1	0
Excessive natural cold	4	3	6	5	5	6	2	1	3	4	2
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	2	0	0	0	1	0
Storms and floods	0	0	0	0	0	0	0	1	0	0	0
Accidental drowning and submersion	1	0	1	0	1	0	4	0	0	2	1
Choked on food	0	5	3	1	0	1	2	0	1	1	0
Choked on other objects	0	1	0	2	3	1	2	1	0	2	1
Mechanical suffocation	0	1	0	0	2	1	0	3	0	0	0
Accidental discharge of firearms	2	1	0	0	1	0	0	0	2	1	1
Exposure to electric current	0	0	0	0	0	0	0	0	0	0	0
Overexertion	0	0	1	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	1	0	1	0
Misadventures to patients during medical/surgical care	2	0	0	0	0	0	0	1	0	1	0

\* See Technical Notes.

TABLE 2-16  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF COCHISE COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	35	45	51	42	43	55	58	70	62	60	65
Railway accidents	0	0	2	0	0	0	0	0	0	0	0
Motor vehicle-related accidents	20	25	21	23	21	24	29	27	19	35	33
Water transport accidents	0	0	0	0	1	0	0	0	0	0	0
Accidents involving aircraft	0	0	0	1	0	1	0	0	0	1	0
Poisoning by drugs/medicaments	3	0	5	3	6	6	NA*	8	6	10	9
Poisoning by gases and vapors	1	0	0	0	0	1	0	1	5	0	0
Falls	3	8	10	7	6	11	13	9	13	6	9
Fire, flames, smoke	1	7	2	1	2	1	2	5	2	1	2
Excessive natural heat	0	1	0	1	0	0	0	0	1	0	1
Excessive natural cold	0	0	1	1	0	0	0	2	0	0	2
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	1	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	1	0
Accidental drowning and submersion	2	1	1	1	2	1	1	0	3	0	1
Choked on food	0	0	1	0	1	2	2	0	1	1	0
Choked on other objects	1	1	2	0	2	4	4	1	3	2	0
Mechanical suffocation	0	1	0	0	0	1	0	1	1	0	0
Accidental discharge of firearms	2	1	0	1	1	1	0	NA*	0	0	0
Exposure to electric current	1	0	0	0	0	1	0	0	0	0	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	0	0	1	0	0	0	0	0	1	1	1

\* See Technical Notes.

TABLE 2-17  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF COCONINO COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	76	66	83	68	55	56	55	57	63	69	61
Railway accidents	2	0	1	3	0	0	1	1	0	0	0
Motor vehicle-related accidents	50	44	57	32	35	27	29	27	37	37	36
Water transport accidents	0	1	2	1	1	0	0	0	0	0	1
Accidents involving aircraft	2	2	3	9	0	1	2	0	0	1	1
Poisoning by drugs/medicaments	1	1	3	2	6	5	NA*	2	10	11	2
Poisoning by gases and vapors	1	2	2	4	0	2	2	3	3	1	0
Falls	3	5	5	3	3	5	4	5	6	6	4
Fire, flames, smoke	1	0	0	0	1	1	0	0	0	0	1
Excessive natural heat	0	1	0	0	0	1	1	0	0	0	0
Excessive natural cold	5	0	2	1	4	2	0	3	3	3	3
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	1	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	1	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	1	0	0	0
Accidental drowning and submersion	3	5	1	6	0	5	1	1	0	2	1
Choked on food	0	0	2	1	0	2	1	1	0	0	2
Choked on other objects	3	0	1	0	2	1	0	0	1	0	2
Mechanical suffocation	0	0	0	1	0	0	1	1	0	3	4
Accidental discharge of firearms	0	1	0	1	0	0	0	NA*	1	0	0
Exposure to electric current	0	0	0	0	0	1	0	1	0	0	0
Overexertion	0	0	0	0	0	0	0	0	0	1	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	2	2	0	0	0	0	0	0	2	1	0

\* See Technical Notes.

**TABLE 2-18  
ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF GILA COUNTY,  
ARIZONA, 1994-2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	29	32	34	36	35	35	35	29	33	46	43
Railway accidents	0	0	0	0	0	0	0	0	0	0	1
Motor vehicle-related accidents	14	25	22	17	15	17	14	10	11	18	18
Water transport accidents	0	0	0	0	0	0	0	0	0	0	0
Accidents involving aircraft	1	0	0	1	0	0	0	0	0	0	0
Poisoning by drugs/medicaments	4	2	3	4	5	4	NA*	3	5	6	4
Poisoning by gases and vapors	0	0	0	0	1	0	0	0	1	0	0
Falls	4	1	7	8	7	6	8	8	2	8	3
Fire, flames, smoke	3	0	0	1	2	1	3	2	1	1	2
Excessive natural heat	0	0	0	0	0	0	0	0	0	1	1
Excessive natural cold	0	1	0	0	0	0	0	1	2	0	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	1	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	0	0	0	2	1	1	0	0	0	1	1
Choked on food	0	1	0	1	0	1	1	1	1	2	0
Choked on other objects	0	0	0	1	1	2	0	1	0	1	0
Mechanical suffocation	0	0	0	0	0	0	0	0	0	0	0
Accidental discharge of firearms	1	0	0	1	0	1	0	NA*	0	0	1
Exposure to electric current	0	2	0	0	0	0	0	0	0	0	1
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	1	0	0
Misadventures to patients during medical/surgical care	1	0	0	0	1	0	1	0	0	0	0

\* See Technical Notes.

TABLE 2-19  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF GRAHAM COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	19	22	22	17	14	22	15	11	12	22	23
Railway accidents	0	0	0	0	0	0	0	0	0	0	0
Motor vehicle-related accidents	8	14	13	12	8	14	12	6	6	10	12
Water transport accidents	0	0	0	0	0	0	0	0	0	0	0
Accidents involving aircraft	0	0	0	1	0	0	0	0	0	0	0
Poisoning by drugs/medicaments	0	1	4	0	1	3	NA*	1	0	5	2
Poisoning by gases and vapors	0	0	0	0	1	0	0	0	1	0	0
Falls	6	2	1	1	1	2	3	1	1	1	1
Fire, flames, smoke	0	1	1	0	1	1	0	1	1	0	0
Excessive natural heat	1	1	0	0	0	0	0	0	0	0	0
Excessive natural cold	0	0	0	0	0	0	0	0	0	1	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	0	1	1	0	1	2	0	0	0	0	2
Choked on food	0	0	0	0	0	0	0	0	0	0	0
Choked on other objects	0	0	1	1	0	0	0	1	2	1	0
Mechanical suffocation	0	0	0	0	0	0	0	0	0	0	0
Accidental discharge of firearms	0	0	0	0	0	0	0	NA*	0	1	1
Exposure to electric current	1	0	0	0	0	0	0	0	0	0	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	1	0	0	0	0	0	0	1	2	0	0

\* See Technical Notes.

TABLE 2-20  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF GREENLEE COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	2	2	1	2	4	2	4	2	4	2	0
Railway accidents	0	0	0	0	0	0	0	0	0	0	0
Motor vehicle-related accidents	1	1	1	1	1	0	3	0	4	0	0
Water transport accidents	0	0	0	0	0	0	0	0	0	0	0
Accidents involving aircraft	0	0	0	0	0	0	0	0	0	0	0
Poisoning by drugs/medicaments	0	0	0	0	0	0	0	0	0	2	0
Poisoning by gases and vapors	0	0	0	0	0	0	0	0	0	0	0
Falls	0	1	0	1	0	0	1	1	0	0	0
Fire, flames, smoke	0	0	0	0	0	0	0	0	0	0	0
Excessive natural heat	0	0	0	0	0	0	0	0	0	0	0
Excessive natural cold	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	0	0	0	0	1	1	0	1	0	0	0
Choked on food	0	0	0	0	0	1	0	0	0	0	0
Choked on other objects	0	0	0	0	1	0	0	0	0	0	0
Mechanical suffocation	0	0	0	0	0	0	0	0	0	0	0
Accidental discharge of firearms	0	0	0	0	0	0	0	0	0	0	0
Exposure to electric current	0	0	0	0	0	0	0	0	0	0	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	1	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	1	0	0	0	0	0	0	0	0	0	0

\* See Technical Notes.

TABLE 2-21  
**ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF MARICOPA COUNTY,  
 ARIZONA, 1994-2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	913	925	1,005	1,069	1,130	1,155	1,029	1,334	1,283	1,269	1,421
Railway accidents	4	9	5	5	1	2	4	4	1	0	2
Motor vehicle-related accidents	410	465	439	447	472	492	446	487	504	493	537
Water transport accidents	3	3	2	3	2	3	5	4	2	0	2
Accidents involving aircraft	13	7	15	8	11	10	11	5	12	10	14
Poisoning by drugs/medicaments	137	123	154	179	223	235	NA*	238	251	231	294
Poisoning by gases and vapors	10	7	16	11	12	15	3	17	7	4	5
Falls	140	118	171	210	217	218	213	266	282	289	323
Fire, flames, smoke	27	12	21	26	8	16	21	22	18	15	14
Excessive natural heat	14	16	16	12	33	23	10	10	15	18	20
Excessive natural cold	0	1	0	1	3	1	5	3	0	2	1
Contact with venomous snakes and lizards	0	0	0	0	0	1	1	0	0	0	0
Contact with venomous spiders	0	0	1	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	1	0	0	0
Contact with hornets, wasps, bees	0	1	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	1	0	1	0
Lightning	1	1	0	0	1	2	1	0	0	1	0
Storms and floods	0	0	0	1	2	0	0	0	0	0	0
Accidental drowning and submersion	38	53	62	52	50	52	57	59	41	55	66
Choked on food	12	15	14	11	18	16	12	13	9	14	16
Choked on other objects	17	11	10	16	12	9	15	16	32	30	37
Mechanical suffocation	14	15	10	15	14	16	10	28	11	16	10
Accidental discharge of firearms	12	14	6	7	6	4	7	NA*	11	11	5
Exposure to electric current	3	8	8	5	2	2	2	2	4	2	3
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	7	5	4	5	4	2	3	2	6	4	2
Misadventures to patients during medical/surgical care	10	11	18	14	6	9	27	27	25	27	21

\* See Technical Notes.

TABLE 2-22  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF MOHAVE COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	77	78	64	72	80	66	84	75	76	98	85
Railway accidents	0	0	0	0	1	0	1	0	1	4	0
Motor vehicle-related accidents	38	44	38	39	41	29	33	30	33	41	29
Water transport accidents	2	0	1	1	1	2	1	0	1	1	0
Accidents involving aircraft	0	1	0	4	0	0	0	0	0	0	2
Poisoning by drugs/medicaments	4	6	2	3	0	2	NA*	5	10	8	9
Poisoning by gases and vapors	1	1	0	0	0	2	7	2	0	0	1
Falls	6	7	5	4	9	14	8	10	8	10	11
Fire, flames, smoke	5	0	2	3	5	3	3	0	0	7	1
Excessive natural heat	6	3	4	1	6	0	6	3	2	3	1
Excessive natural cold	1	1	2	1	0	0	1	0	0	0	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	1	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	2	5	3	3	5	3	3	1	4	1	7
Choked on food	2	1	0	4	4	5	2	1	2	7	5
Choked on other objects	2	1	2	3	5	0	1	3	5	4	0
Mechanical suffocation	0	1	0	0	0	2	3	4	1	0	1
Accidental discharge of firearms	1	2	1	0	2	0	0	NA*	2	0	0
Exposure to electric current	0	1	0	1	0	0	0	0	0	0	2
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	1	1	0	1	0	0	0	0	0
Misadventures to patients during medical/surgical care	3	1	1	1	0	1	0	2	4	3	1

\* See Technical Notes.

TABLE 2-23  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF NAVAJO COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	79	84	84	89	67	89	61	94	93	109	92
Railway accidents	1	4	2	1	0	0	0	2	0	1	0
Motor vehicle-related accidents	38	46	59	52	47	49	35	48	57	67	52
Water transport accidents	0	0	0	0	0	0	0	0	0	0	0
Accidents involving aircraft	4	1	0	0	0	0	0	1	0	1	0
Poisoning by drugs/medicaments	3	1	2	2	4	7	NA*	6	10	8	11
Poisoning by gases and vapors	2	6	1	1	5	2	2	0	1	1	2
Falls	11	6	3	9	1	8	9	6	8	8	13
Fire, flames, smoke	2	5	1	2	0	5	1	9	1	2	0
Excessive natural heat	1	1	0	0	0	2	1	0	0	0	0
Excessive natural cold	5	3	0	7	3	3	2	5	4	3	3
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	1
Lightning	0	1	1	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	2	0
Accidental drowning and submersion	1	4	4	5	1	1	2	2	2	3	1
Choked on food	1	1	0	2	0	1	1	1	0	2	3
Choked on other objects	4	0	2	0	1	2	1	2	0	3	0
Mechanical suffocation	1	1	1	0	3	2	0	0	2	1	0
Accidental discharge of firearms	1	1	0	0	0	0	0	NA*	0	0	1
Exposure to electric current	0	0	0	1	0	0	0	0	0	1	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	1	0	0	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	0	1	0	0	0	1	2	1	2	1	2

\* See Technical Notes.

**TABLE 2-24  
ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF PIMA COUNTY,  
ARIZONA, 1994-2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	306	346	320	339	327	378	425	415	421	428	442
Railway accidents	4	2	2	4	2	1	2	1	0	2	4
Motor vehicle-related accidents	134	148	130	129	119	131	128	116	143	129	144
Water transport accidents	1	0	0	1	0	0	0	1	0	0	0
Accidents involving aircraft	2	3	2	1	2	0	4	1	5	3	0
Poisoning by drugs/medicaments	49	59	74	66	82	99	NA*	113	119	138	131
Poisoning by gases and vapors	2	6	6	3	5	3	1	5	2	5	1
Falls	62	63	59	89	69	91	75	82	73	84	97
Fire, flames, smoke	4	3	3	6	7	8	3	4	7	8	3
Excessive natural heat	11	14	3	3	4	3	3	5	8	8	4
Excessive natural cold	1	0	0	0	2	1	2	4	2	2	4
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	1
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	1	1	0	0	0	0
Lightning	1	1	1	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	1	0	0	0
Accidental drowning and submersion	10	15	9	4	13	9	12	11	8	7	11
Choked on food	3	2	5	7	3	6	10	0	3	8	8
Choked on other objects	0	4	3	0	2	3	4	3	9	6	4
Mechanical suffocation	3	4	2	3	1	6	5	14	4	4	3
Accidental discharge of firearms	0	3	2	4	2	0	3	NA*	8	0	2
Exposure to electric current	2	0	2	1	0	0	4	1	0	0	1
Overexertion	1	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	1	1	1	1	0	0	0	1	0	0	0
Misadventures to patients during medical/surgical care	4	5	2	2	4	6	5	9	5	8	15

\* See Technical Notes.

TABLE 2-25  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF PINAL COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	108	104	94	85	95	91	94	87	97	113	101
Railway accidents	2	2	1	3	7	1	3	0	0	2	1
Motor vehicle-related accidents	65	59	66	50	56	58	46	39	49	58	51
Water transport accidents	1	0	0	0	1	0	0	0	0	0	0
Accidents involving aircraft	2	1	0	0	1	0	0	0	0	1	1
Poisoning by drugs/medicaments	8	6	1	9	6	2	NA*	11	18	14	16
Poisoning by gases and vapors	0	1	0	0	1	3	2	2	1	1	2
Falls	5	6	8	7	9	15	8	16	11	12	10
Fire, flames, smoke	5	7	2	1	1	5	8	4	3	3	1
Excessive natural heat	3	3	1	0	0	0	0	1	2	5	1
Excessive natural cold	0	0	0	0	0	0	1	0	0	0	1
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	1	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	1	0	0	0	1	0	1	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	1	0
Accidental drowning and submersion	7	8	5	2	8	3	5	0	3	4	3
Choked on food	2	2	0	0	0	0	2	1	0	1	0
Choked on other objects	0	1	0	3	0	0	3	0	0	3	0
Mechanical suffocation	2	1	0	1	1	0	0	2	2	1	2
Accidental discharge of firearms	1	1	3	0	1	0	0	NA*	2	0	0
Exposure to electric current	1	0	0	0	0	0	1	1	1	0	1
Overexertion	0	0	0	1	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	1	2	0	0	0	0	1	0	0	0
Misadventures to patients during medical/surgical care	0	0	0	1	0	0	3	3	2	1	1

\* See Technical Notes.

TABLE 2-26  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF SANTA CRUZ COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	6	10	6	3	13	13	6	12	12	8	18
Railway accidents	0	0	0	0	0	1	0	0	0	0	0
Motor vehicle-related accidents	5	5	3	1	7	8	4	6	6	6	8
Water transport accidents	0	0	0	0	0	0	0	0	0	0	0
Accidents involving aircraft	0	0	0	0	0	0	1	0	0	0	0
Poisoning by drugs/medicaments	0	3	2	2	4	2	NA*	1	4	1	4
Poisoning by gases and vapors	0	0	0	0	0	0	0	0	1	0	2
Falls	1	0	0	0	1	2	0	2	1	0	1
Fire, flames, smoke	0	0	0	0	0	0	0	0	0	0	0
Excessive natural heat	0	1	0	0	0	0	0	0	0	0	0
Excessive natural cold	0	0	0	0	0	0	0	0	0	0	1
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	0	1	0	0	0	0	1	0	0	0	0
Choked on food	0	0	0	0	0	0	0	0	0	0	1
Choked on other objects	0	0	0	0	0	0	0	0	0	0	0
Mechanical suffocation	0	0	0	0	0	0	0	1	0	0	0
Accidental discharge of firearms	0	0	0	0	0	0	0	NA*	0	0	0
Exposure to electric current	0	0	0	0	1	0	0	0	0	0	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	0	0	0	0	0	0	0	0	0	0	0

\* See Technical Notes.

TABLE 2-27  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF YAVAPAI COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	51	56	67	64	92	82	84	100	105	98	147
Railway accidents	0	0	0	0	0	1	1	0	0	0	0
Motor vehicle-related accidents	26	27	37	36	49	43	36	37	42	38	62
Water transport accidents	0	0	0	0	0	2	0	0	0	0	1
Accidents involving aircraft	2	3	1	2	0	3	2	2	0	2	2
Poisoning by drugs/medicaments	5	3	8	5	10	7	NA*	12	18	9	23
Poisoning by gases and vapors	0	3	1	1	1	1	1	1	1	2	1
Falls	10	6	8	10	17	18	20	26	29	32	38
Fire, flames, smoke	0	0	1	0	3	2	1	1	5	1	3
Excessive natural heat	0	1	4	0	0	0	0	0	1	0	0
Excessive natural cold	0	0	0	0	2	1	2	1	1	0	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	1	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	0	4	2	4	0	0	3	1	0	2	2
Choked on food	0	0	0	1	3	2	0	0	0	4	1
Choked on other objects	2	1	1	2	1	0	2	1	0	2	1
Mechanical suffocation	0	1	0	0	0	0	0	1	2	0	1
Accidental discharge of firearms	0	2	0	1	1	0	1	NA*	0	0	2
Exposure to electric current	2	0	0	0	1	1	0	0	0	1	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	1	0	0	0	0	0	1	1	0	0
Misadventures to patients during medical/surgical care	1	0	1	1	1	0	2	0	1	5	4

\* See Technical Notes.

TABLE 2-28  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF YUMA COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	41	59	57	49	62	55	54	61	66	51	53
Railway accidents	1	1	4	0	0	0	0	0	0	0	0
Motor vehicle-related accidents	19	28	27	25	29	24	30	18	38	14	22
Water transport accidents	0	0	0	0	0	0	0	0	1	0	0
Accidents involving aircraft	0	1	1	0	0	1	0	0	1	3	0
Poisoning by drugs/medicaments	2	7	4	4	4	8	NA*	10	2	3	3
Poisoning by gases and vapors	1	0	0	1	0	1	1	1	0	1	1
Falls	2	6	2	4	4	10	5	9	5	7	6
Fire, flames, smoke	1	2	0	0	0	0	0	1	1	2	1
Excessive natural heat	3	6	5	2	6	4	2	2	4	4	6
Excessive natural cold	2	0	0	2	0	1	0	0	0	0	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	1
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	4	3	4	5	6	4	5	3	3	5	1
Choked on food	1	0	2	1	1	0	2	2	1	1	0
Choked on other objects	1	0	1	1	1	0	1	3	2	4	3
Mechanical suffocation	0	1	3	0	1	0	0	1	0	0	0
Accidental discharge of firearms	1	1	0	0	0	1	0	NA*	0	0	0
Exposure to electric current	1	0	1	1	1	1	0	0	0	0	0
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	1	0	0
Misadventures to patients during medical/surgical care	0	0	1	1	0	0	3	0	2	0	1

\* See Technical Notes.

TABLE 2-29  
 ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS BY YEAR AMONG RESIDENTS OF LA PAZ COUNTY,  
 ARIZONA, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unintentional injury	9	11	16	14	21	10	12	17	20	19	16
Railway accidents	0	0	0	0	0	0	0	0	0	1	0
Motor vehicle-related accidents	4	4	8	10	8	5	2	8	9	13	8
Water transport accidents	0	0	0	0	0	0	0	1	0	0	0
Accidents involving aircraft	0	0	0	0	0	0	0	0	1	1	0
Poisoning by drugs/medicaments	1	2	1	2	3	2	NA*	1	1	1	2
Poisoning by gases and vapors	0	0	0	0	0	0	0	0	0	0	0
Falls	1	3	0	0	4	2	4	2	3	1	3
Fire, flames, smoke	1	0	1	0	1	0	3	0	1	0	1
Excessive natural heat	2	1	2	1	2	1	0	0	1	0	0
Excessive natural cold	0	0	0	0	0	0	0	0	0	0	0
Contact with venomous snakes and lizards	0	0	0	0	0	0	0	0	0	0	1
Contact with venomous spiders	0	0	0	0	0	0	0	0	0	0	0
Contact with scorpions	0	0	0	0	0	0	0	0	0	0	0
Contact with hornets, wasps, bees	0	0	0	0	0	0	0	0	0	0	0
Bitten or struck by dog	0	0	0	0	0	0	0	0	0	0	0
Lightning	0	0	0	0	0	0	0	0	0	0	0
Storms and floods	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	0	1	1	1	3	0	0	1	1	1	0
Choked on food	0	0	0	0	0	0	0	0	0	0	0
Choked on other objects	0	0	0	0	0	0	1	0	0	1	0
Mechanical suffocation	0	0	0	0	0	0	0	1	0	0	0
Accidental discharge of firearms	0	0	0	0	0	0	0	NA*	0	0	0
Exposure to electric current	0	0	0	0	0	0	0	0	1	0	1
Overexertion	0	0	0	0	0	0	0	0	0	0	0
Adverse effects of drugs in therapeutic use	0	0	0	0	0	0	0	0	0	0	0
Misadventures to patients during medical/surgical care	0	0	0	0	0	0	0	0	0	1	0

\* See Technical Notes.

**TABLE 2-30  
DEATHS FROM EXPOSURE TO EXCESSIVE NATURAL COLD BY COUNTY OF OCCURRENCE, MONTH OF DEATH,  
AGE GROUP AND RACE/ETHNICITY, ARIZONA RESIDENTS, 1994-2004**

	Total	Age group						Race/ethnicity					
		1-14	15-19	20-44	45-64	65+	Un-known	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Other/Unknown
<b>Total</b>	178	3	5	58	57	43	12	46	11	5	105	1	10
<b>County of occurrence</b>													
Apache	31	1	1	11	10	8	0	2	0	0	29	0	0
Cochise	5	0	0	0	1	0	4	2	1	0	0	0	2
Coconino	27	0	2	8	9	8	0	7	2	1	17	0	0
Gila	3	0	0	2	1	0	0	2	0	0	1	0	0
Graham	1	0	0	0	1	0	0	1	0	0	0	0	0
Maricopa	17	0	0	5	4	6	2	8	3	2	2	0	2
Mohave	5	0	0	0	2	2	1	5	0	0	0	0	0
Navajo	37	0	2	14	13	8	0	0	0	0	37	0	0
Pima	17	0	0	5	6	3	3	9	2	1	1	0	4
Pinal	4	0	0	0	3	1	0	1	1	0	2	0	0
Santa Cruz	1	0	0	0	0	0	1	0	0	0	0	0	1
Yavapai	5	0	0	0	2	3	0	5	0	0	0	0	0
Yuma	5	0	0	1	2	1	1	1	2	0	0	1	1
Unknown	15	2	0	11	1	1	0	0	0	1	14	0	0
Out-of-State	5	0	0	1	2	2	0	3	0	0	2	0	0
<b>Month of death</b>													
January	48	1	1	21	17	6	2	12	6	1	29	0	0
February	35	1	1	9	9	14	1	5	1	3	25	0	1
March	14	0	2	3	3	5	1	4	1	0	8	0	1
April	10	0	0	4	2	0	4	0	0	0	6	0	4
May	5	0	0	2	3	0	0	2	0	0	3	0	0
June	1	0	0	1	0	0	0	0	0	0	1	0	0
July	2	0	0	0	1	1	0	2	0	0	0	0	0
August	1	0	0	1	0	0	0	0	0	1	0	0	0
September	1	0	0	1	0	0	0	0	0	0	1	0	0
October	8	1	0	2	2	2	1	2	0	0	5	0	1
November	16	0	0	4	9	3	0	4	2	0	9	0	1
December	37	0	1	10	11	12	3	15	1	0	18	1	2

TABLE 2-31  
 DEATHS FROM EXPOSURE TO EXCESSIVE NATURAL HEAT BY COUNTY OF OCCURRENCE, MONTH OF DEATH,  
 AGE GROUP AND RACE/ETHNICITY, ARIZONA RESIDENTS, 1994-2004

County of occurrence	Total	Age group							Race/ethnicity					
		<1	1-14	15-19	20-44	45-64	65+	Un-known	White non-Hispanic	Hispanic or Latino	American Black or African	American Indian or Alaska Native	Asian or Pacific Islander	Other/Unknown
<b>Total</b>	387	5	8	6	86	109	145	28	251	72	17	31	3	13
Apache	4	0	0	0	1	1	2	0	0	0	0	4	0	0
Cochise	1	0	0	0	1	0	0	0	0	1	0	0	0	0
Coconino	3	0	0	0	0	1	2	0	0	0	0	3	0	0
Gila	1	1	0	0	0	0	0	0	0	1	0	0	0	0
Graham	1	0	0	1	0	0	0	0	1	0	0	0	0	0
Maricopa	189	3	6	3	47	58	66	6	135	33	9	7	2	3
Mohave	35	0	0	1	8	13	13	0	31	1	0	3	0	0
Navajo	3	0	0	0	0	3	0	0	0	0	0	3	0	0
Pima	63	1	1	1	10	15	28	7	30	17	4	6	0	6
Pinal	20	0	0	0	8	1	10	1	9	5	2	3	0	1
Santa Cruz	1	0	0	0	1	0	0	0	0	1	0	0	0	0
Yavapai	7	0	0	0	2	0	5	0	7	0	0	0	0	0
Yuma	45	0	0	0	5	12	15	13	25	13	2	1	1	3
La Paz	9	0	0	0	1	3	4	1	9	0	0	0	0	0
Unknown	3	0	0	0	2	1	0	0	3	0	0	0	0	0
Out-of-State	2	0	1	0	0	1	0	0	1	0	0	1	0	0
Month of death														
January	2	0	0	0	0	2	0	0	1	0	0	1	0	0
February	2	0	0	0	0	1	1	0	1	0	0	1	0	0
March	1	0	0	0	0	1	0	0	1	0	0	0	0	0
April	3	1	0	0	1	0	1	0	0	2	0	1	0	0
May	18	0	0	1	3	8	4	2	7	7	0	2	0	2
June	71	1	1	2	15	22	24	6	46	10	1	9	0	5
July	163	0	2	3	39	43	65	11	104	32	11	10	2	4
August	96	1	5	0	22	20	40	8	73	14	3	3	1	2
September	29	2	0	0	6	12	8	1	17	7	2	3	0	0
October	1	0	0	0	0	0	1	0	0	0	0	1	0	0
November														
December	1	0	0	0	0	0	1	0	1	0	0	0	0	0

TABLE 2-32  
 DEATHS FROM ACCIDENTAL DROWNING AND SUBMERSION BY COUNTY OF OCCURRENCE, MONTH OF DEATH,  
 AGE GROUP AND RACE/ETHNICITY, ARIZONA RESIDENTS, 1994-2004

	Total	Age group						Race/ethnicity						
		<1	1-14	15-19	20-44	45-64	65+	Un-known	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Other/Unknown
<b>Total</b>	957	21	312	59	290	150	114	11	577	221	44	95	16	4
<b>County of occurrence</b>														
Apache	7	0	0	1	3	2	1	0	3	1	0	3	0	0
Cochise	10	1	3	1	2	3	0	0	8	1	1	0	0	0
Coconino	25	0	3	3	14	4	1	0	10	3	1	11	0	0
Gila	16	0	1	0	10	4	1	0	7	1	1	6	1	0
Graham	6	0	2	1	0	2	1	0	4	2	0	0	0	0
Greenlee	2	0	1	1	0	0	0	0	1	1	0	0	0	0
Maricopa	583	15	228	33	152	83	72	0	352	153	30	36	12	0
Mohave	31	0	2	5	14	7	3	0	25	4	0	2	0	0
Navajo	21	0	8	2	8	2	1	0	3	2	0	16	0	0
Pima	98	3	33	4	22	14	22	0	65	24	4	4	1	0
Pinal	38	1	8	2	18	4	4	1	13	16	3	6	0	0
Santa Cruz	1	0	0	0	1	0	0	0	1	0	0	0	0	0
Yavapai	13	1	4	1	2	4	1	0	10	3	0	0	0	0
Yuma	42	0	6	1	13	8	4	10	31	4	4	0	0	3
La Paz	12	0	2	1	4	4	1	0	3	2	0	6	0	1
Unknown	33	0	9	3	18	3	0	0	26	2	0	3	2	0
Out-of-State	19	0	2	0	9	6	2	0	15	2	0	2	0	0
<b>Month of death</b>														
January	30	0	9	0	6	7	8	0	19	5	1	5	0	0
February	44	1	9	1	14	8	8	3	31	5	1	4	1	2
March	61	1	19	4	23	7	5	2	35	12	7	6	1	0
April	88	0	31	5	29	11	11	1	53	19	5	7	4	0
May	116	1	51	9	34	12	8	1	61	34	6	9	6	0
June	136	4	49	12	39	15	17	0	79	33	4	19	1	0
July	169	4	50	12	54	26	21	2	99	42	9	17	2	0
August	127	4	40	8	44	20	10	1	76	34	2	13	1	1
September	69	3	17	7	23	9	9	1	47	14	3	5	0	0
October	45	2	18	0	6	12	7	0	32	8	2	2	0	1
November	29	1	6	0	10	10	2	0	17	5	2	5	0	0
December	43	0	13	1	8	13	8	0	28	10	2	3	0	0

Note: Drowning in water transport accidents and drowning of undetermined intent are not included in the definition of accidental drowning and submersion in the above Table and Tables 1-28.

## ACCIDENTAL (UNINTENTIONAL INJURY) DEATHS, ARIZONA, 1994-2004

### Technical Notes

Beginning with the 2000 data year in Arizona (1999 nationally) two major changes have occurred that affect the computation of mortality rates 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. The new set of age-adjustment weights uses the year 2000 U.S. population as a standard.

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. In this report, ALL age-adjusted mortality rates are based on the (new) 2000 standard, and they CANNOT BE compared to rates using the 1940 standard population. This is because the age structures of the 1940 and year 2000 populations differ. From 1940 to 2000 the U.S. population "aged" considerably. The age-adjusted rates based on the year 2000 standard are different because the year 2000 population standard, which has an older age structure, gives more weight than the 1940 standard to death rates at older ages where mortality is higher.

Breaks in comparability of mortality statistics effective with deaths occurring in 2000 also result from the implementation of ICD-10. ICD-10 is far more detailed than ICD-9, with about 8,000 categories compared with about 5,000 categories. Some of the coding rules and rules for selecting the underlying cause of death have been changed. Fortunately, the comparability ratio for accidental (unintentional injury) deaths (a measure of comparison between ICD-9 and ICD-10) is close to 1.0 (1.0305), and this indicates that similar number of deaths would be assigned to unintentional injury when ICD-9 or ICD-10 was used.

However, before data for 2000, mortality medical information was based on manual coding of an underlying death for each certificate in accordance with WHO rules, and done locally by the Office of Vital Records. Effective with the 2000 data year and the implementation of ICD-10, cause-of-death data presented in this publication were coded by the National Center for Health Statistics, using computerized procedures of SuperMICAR (Mortality Medical Indexing and Retrieval) and ACME (Automated Classification of Medical Entities) systems.

The conversion to computerized coding contributed to at least some of the breaks in comparability over time of cause-of-death statistics for intentional self-harm (suicide), accidental drug overdoses and accidental discharge of firearms:

Data year	1999	2000	2001	2002	2003	2004
<b>Drug-induced deaths</b>	543	331	577	645	646	745
<b>Accidental poisoning/overdose</b>	383	230	414	458	447	517
<b>Suicide</b>	773	737	600	855	807	854
<b>Suicide by firearms</b>	495	486	358	544	476	498
<b>Suicide by drugs</b>	105	59	76	100	93	115
<b>Accidental discharge of firearms</b>	7	11	114	26	13	13

Unprecedented decline in 2001 in the number of suicides and the equally unprecedented increase in the number of firearm deaths classified as accidental obviously are associated. Approximately 100 firearm fatalities, that would have been classified as suicides had the manual coding system been in place, were classified as accidents in 2001 because the "manner of death" was not indicated and the automated coding system defaulted to accidental injury. Computerized coding of the underlying cause of death also affected the number of accidental drug overdoses in 2000, as well as the number of suicides by drug poisoning in both 2000 and 2001.

The true counts of accidental drug poisonings in 2000 and of accidental firearm fatalities in 2001 are not available and they are marked as such in Tables 2-1 – 2-21.

Both the ICD-9 and ICD-10 codes used to identify specific categories of accidental (unintentional) injury deaths are available at <http://www.azdhs.gov/plan/report/im/im/im01/im00/imcod.pdf>