

INJURY MORTALITY AMONG ARIZONA RESIDENTS



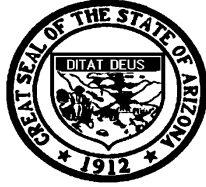
1. ALL INJURY DEATHS

ARIZONA, 1993-2003

Public Health Services
Bureau of Public Health Statistics
Health Status and Vital Statistics Section



~ Leadership for a Healthy Arizona ~



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INJURY MORTALITY AMONG ARIZONA RESIDENTS

ALL INJURY DEATHS
ARIZONA, 1993-2003

BY

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January 2005

Acknowledgment

Grateful acknowledgement is made to Richard S. Porter for reviewing the typescript.

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ALL INJURY DEATHS, ARIZONA, 1993-2003

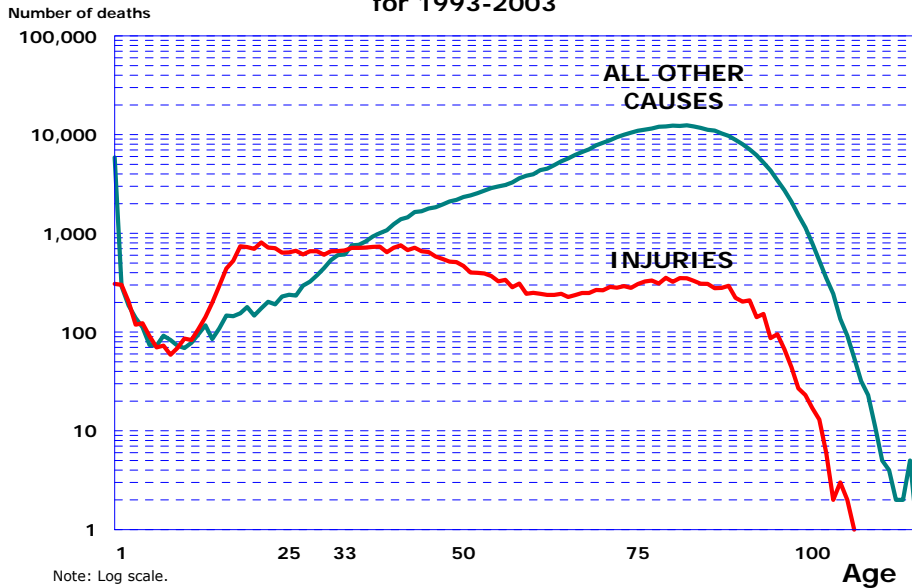
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ALL INJURY DEATHS, ARIZONA, 1993-2003

KEY FINDINGS

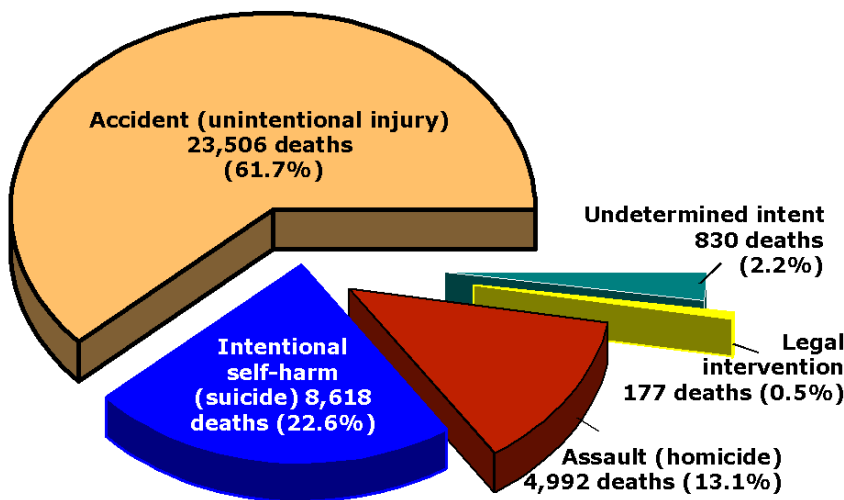
Figure 1-1
Number of Deaths from Injuries and All Other Causes by
Single-Year of Age Among Arizona Residents:
Eleven-Year Summary
for 1993-2003



Injuries are the leading cause of death among Arizonans ages 1 to 5 and 10 to 33 (Figure 1). In the eleven-year period from 1993 to 2003, unintentional injuries in accidents, combined with self-inflicted injuries in suicide and injuries purposely inflicted by other person, accounted for 9.1 percent of total deaths (38,123 injury deaths among 420,960 deaths from all causes in 1993-2003). Among adolescents and young adults ages 15-24, injuries have claimed 3.8 times as many lives as all other causes of deaths combined (6,302 vs. 1,677), accounting for 79 percent of total deaths of these persons in 1993-2003 (Table 1).

Figure 1-2
Average Annual Percent of Total Injury Deaths By Intent
Among Arizona Residents: Eleven-Year Summary
for 1993-2003

N = 38,123 total injury deaths in 1993-2003



Substantially more Arizonans died in accidents (61.7 percent) than from any other cause of injury death (Figure 2). Intentional self-harm (suicide) was the second leading manner of injury mortality (22.6 percent), followed by assault (13.1 percent)

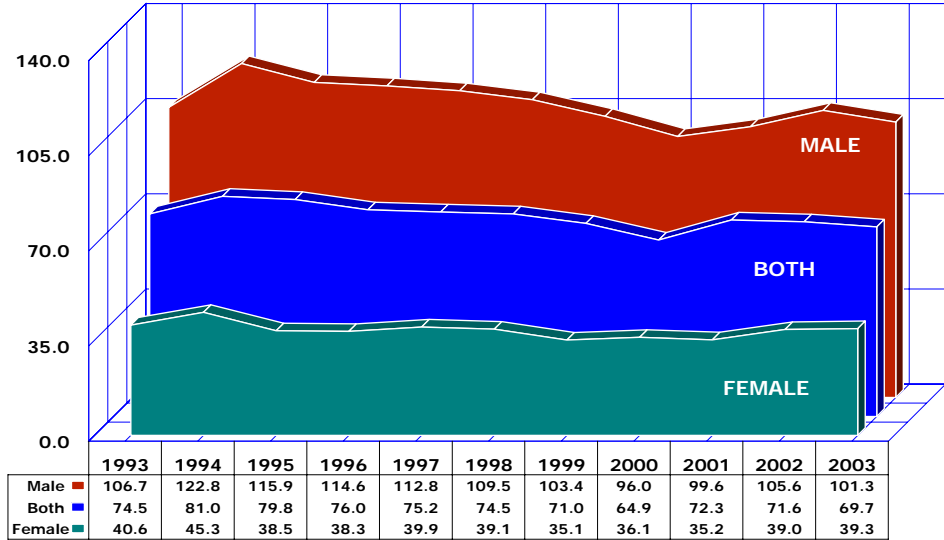
ALL INJURY DEATHS, ARIZONA, 1993-2003

KEY FINDINGS

Figure 1-3
Age-Adjusted* Mortality Rates for Total Injury Deaths by Gender and Year, Arizona, 1993-2003

The age-adjusted mortality rate for all injuries declined from a recent peak of 81.0/100,000 in 1994 to 64.9/100,000 in 2000 (Figure 3). However, each of the annual rates for total injury deaths in 2001-2003 exceeded the 2000 rate by no less than 7.4 percent.

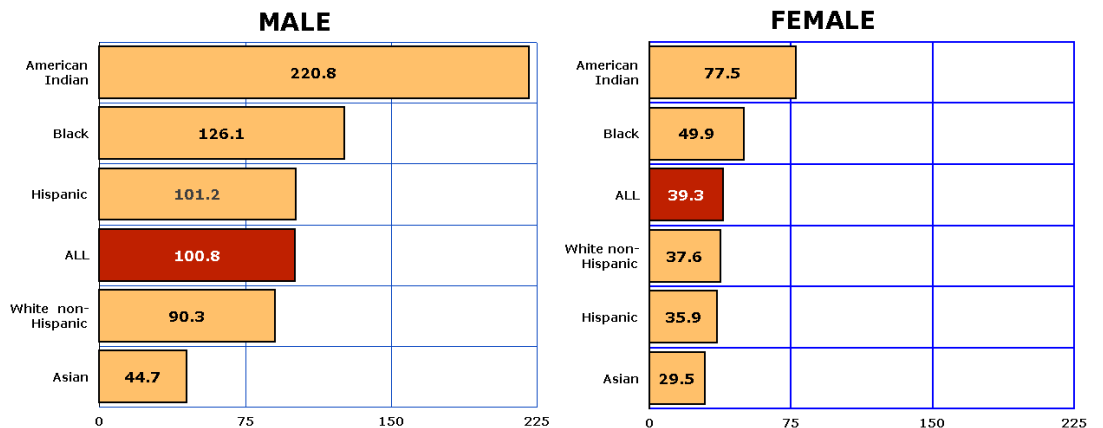
Arizona males were 2.6 times more likely to die in 2003 from injury than Arizona females (101.3 deaths per 100,000 vs. 39.3 deaths per 100,000).



*Number of suicides+homicides+unintentional injury deaths +deaths due to legal intervention+fatal injuries of undetermined intent per 100,000 population age-adjusted to the 2000 U.S. standard.

Figure 1-4
Age-Adjusted Mortality Rates for All Injury Deaths by Race/Ethnic Group and Gender, Arizona, 2003

The highest mortality rates among race by gender groups for all injuries combined in 2003 were those of American Indian male and female residents of the State (Figure 4). In 2003, the injury mortality rate among American Indian males was 2.2 times higher than the rate for Hispanics and 4.9 times as high as the injury death rate of Asians. Among females, the injury mortality rate for American Indian females was 2.6 times greater than the death rate for Asian females.



*Number of suicides+homicides+unintentional injury deaths +deaths due to legal intervention+fatal injuries of undetermined intent per 100,000 population age-adjusted to the 2000 U.S. standard.

ALL INJURY DEATHS, ARIZONA, 1993-2003

KEY FINDINGS

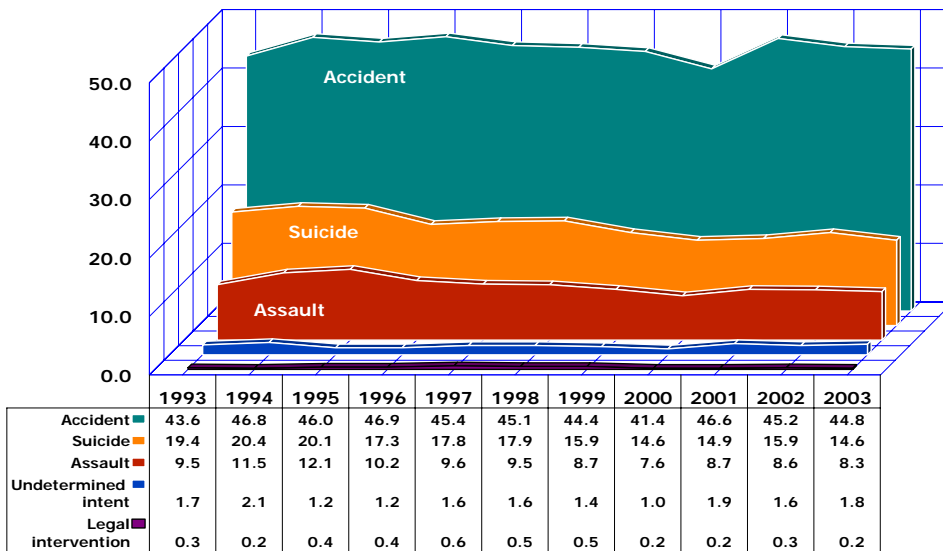
Figure 1-5
Age-Adjusted* Mortality Rates by Intent (or Manner) of Injury Death and Race/Ethnicity, Arizona, 2003

Rank	Asian or Pacific Islander	American Indian or Alaska Native	Black or African American	Hispanic or Latino	White non-Hispanic
1	Accident 25.3	Accident 108.6	Accident 52.4	Accident 44.7	Accident 40.9
3	Assault 5.4	Assault 18.8	Assault 24.9	Assault 14.7	Suicide 16.4
2	Suicide 3.3	Suicide 15.2	Suicide 11.3	Suicide 8.2	Assault 3.7
4		Injury of undetermined intent 7.0	Injury of undetermined intent 1.1	Injury of undetermined intent 1.3	Injury of undetermined intent 2.0
5		Legal intervention 2.1		Legal intervention 0.3	Legal intervention 0.1

In 2003, unintentional injuries in accidents ranked first as the leading cause of injury death for each of the five race/ethnic groups in Arizona (Figure 1-5). Assault (homicide) ranked second for Asians, American Indians, Blacks and Hispanics, but third for White non-Hispanics. Intentional self-harm (suicide) was the second highest cause of injury death among White non-Hispanic, but it ranked third highest for the other race/ethnic groups.

*Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard.
Note: there were no deaths due to legal intervention among Blacks. There were no deaths due to legal intervention and no fatal injuries of undetermined intent among Asians.

Figure 1-6
Trends in Age-Adjusted* Mortality Rates by Intent (or Manner) of Injury Death and Year, Arizona Residents, 1993-2003



Clearly declining or increasing trends were not evident in the annual age-adjusted mortality rates for unintentional injuries, suicide, assault, legal intervention and injuries of undetermined intent (Figure 1-6). In addition, the age-adjusted mortality rates by intent (or manner) of injury death were neither the highest nor the lowest of the past eleven years in 2003.

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

ALL INJURY DEATHS, ARIZONA, 1993-2003

KEY FINDINGS

Figure 1-7
Average Annual Percent of Total Deaths By Mortality Category Among Children and Adolescents 1-19 Years Old, Arizona, 1993-2003

N = 6,758 deaths in 1993-2003

Between 1993 and 2003, all injuries combined caused 66 percent, or 4,457 fatal injuries among 6,758 total deaths of Arizonans 1-19 years old (**Figure 1-7**). Unintentional injuries in accidents accounted for 1.9 times as many deaths as homicides and suicides combined (2,844 vs. 1,516).

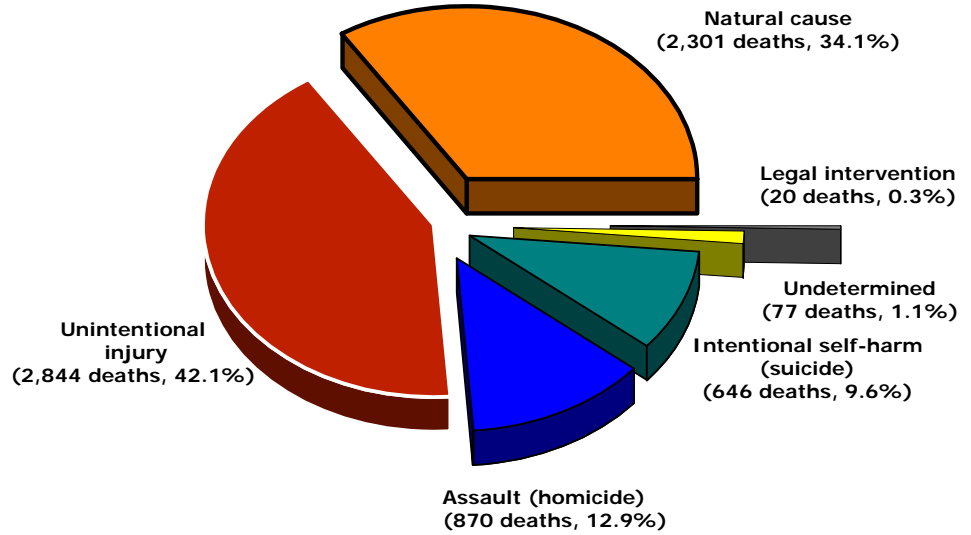
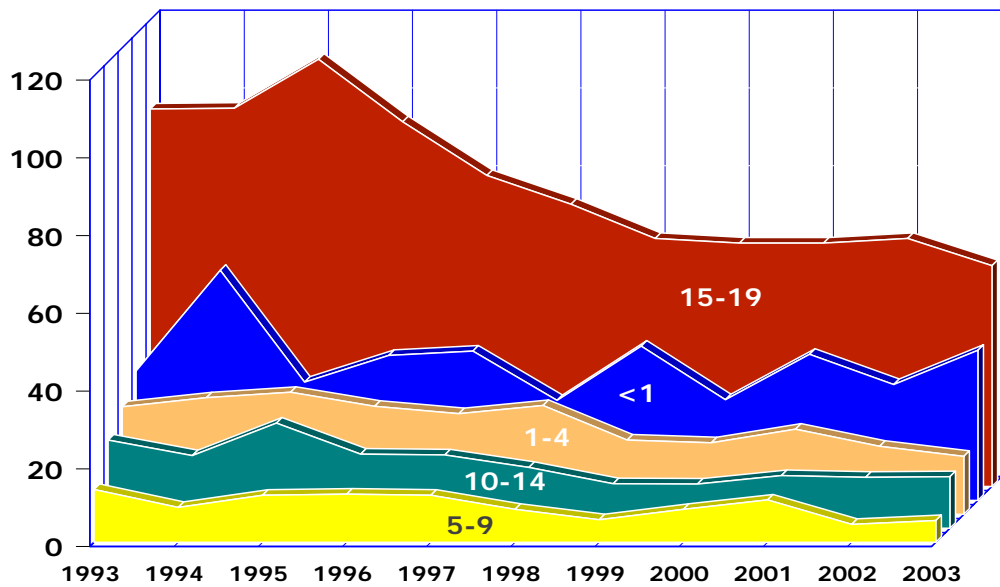


Figure 1-8
Rates of Injury Deaths by Age Group Among Persons 0-19 Years Old, Arizona 1993-2003

Among age groups, children 5-9 years old had the lowest annual rates of injury death, followed by children 10-14 years of age, preschoolers 1-4 years old, infants, and adolescents 15 to 19 years of age (**Figure 1-8**).

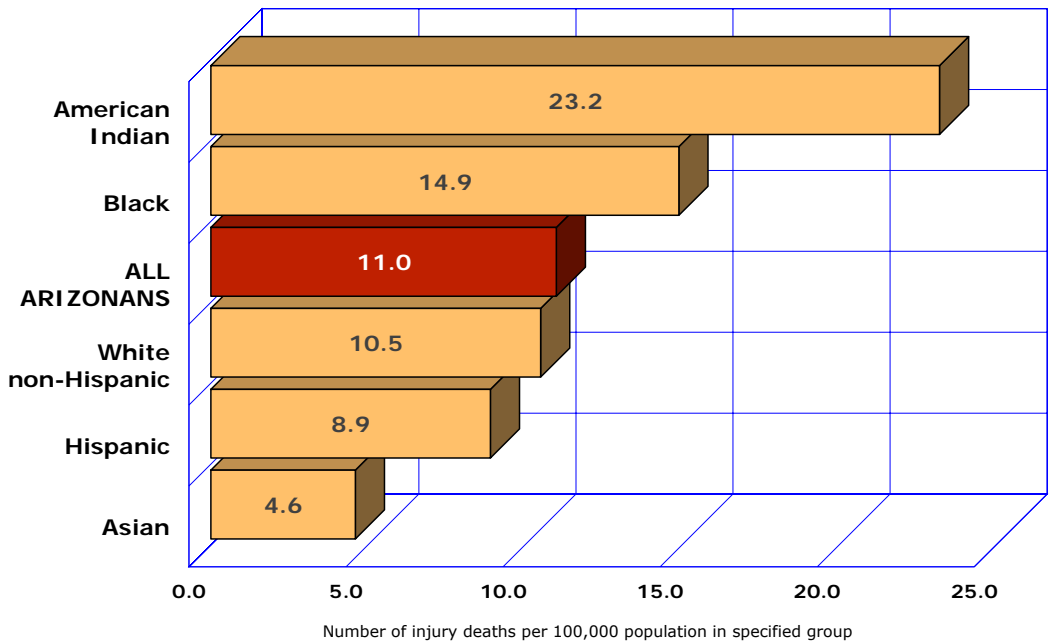


Number of injury deaths per 100,000 persons in specified age group:

ALL INJURY DEATHS, ARIZONA, 1993-2003

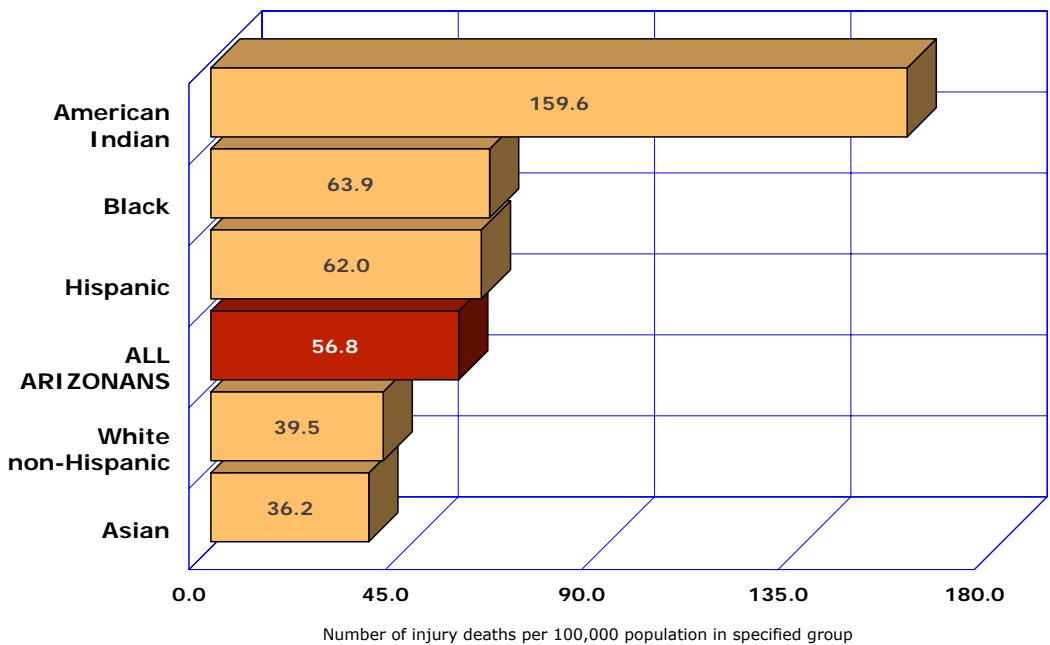
KEY FINDINGS

Figure 1-9
Mortality Rates for All Injury Deaths by Race/Ethnic Group
Among Children 1-14 Years Old, Arizona, 2003



The highest among ethnic groups mortality rates for all injury deaths of children 1-14 years old in 2003 were those of American Indians (23.2/100,000), compared to 14.9/100,000 among Blacks, 10.5/100,000 among White non-Hispanics, 8.9/100,000 among Hispanics, and 4.6/100,000 among Asians (Figure 1-9).

Figure 1-10
Mortality Rates for All Injury Deaths by Race/Ethnic Group
Among Adolescents 15-19 Years Old, Arizona, 2003



The injury death rates for adolescents 15-19 years old in 2003 also were substantially higher among American Indians, than they were among Blacks, Hispanics and White non-Hispanics (Figure 1-10). The death rate for Asian adolescents in 2003 (36.2 deaths per 100,000) was the lowest among race/ethnic groups.

**TABLE 1-1
NUMBER OF DEATHS FROM INJURIES AND ALL OTHER CAUSES BY AGE GROUP AMONG ARIZONA RESIDENTS:
ELEVEN-YEAR SUMMARY FOR 1993-2003**

	Total		Injury death*		Not an injury death	
	Count	Percent	Count	Percent	Count	Percent
<1	6187	5.0	308	5.0	5879	95.0
1-4	1475	50.6	747	50.6	728	49.4
5-9	757	47.8	362	47.8	395	52.2
10-14	1060	58.1	616	58.1	444	41.9
15-19	3466	78.8	2732	78.8	734	21.2
20-24	4513	79.1	3570	79.1	943	20.9
25-29	4711	68.8	3241	68.8	1470	31.2
30-34	6266	52.9	3316	52.9	2950	47.1
35-39	8148	43.5	3546	43.5	4602	56.5
40-44	10931	32.3	3527	32.3	7404	67.7
45-49	12693	22.2	2814	22.2	9879	77.8
50-54	14932	13.6	2033	13.6	12899	86.4
55-59	18317	8.2	1504	8.2	16813	91.8
60-64	24372	5.0	1215	5.0	23157	95.0
65-69	34791	3.5	1229	3.5	33562	96.5
70-74	48344	2.9	1408	2.9	46936	97.1
75-79	59484	2.7	1631	2.7	57853	97.3
80-84	62560	2.7	1665	2.7	60895	97.3
85-89	52446	2.6	1386	2.6	51060	97.4
90-94	31643	2.5	796	2.5	30847	97.5
95-99	11203	2.3	256	2.3	10947	97.7
100+	2333	1.9	44	1.9	2289	98.1
Unknown	374	47.3	177	47.3	197	52.7
Total	421006	9.1	38123	9.1	382883	90.9

* Includes accidental (unintentional) injuries + self-inflicted injuries in suicide + injuries inflicted by other person(s) in homicide + injuries due to legal intervention + injuries which were undetermined whether they were purposely or accidentally inflicted.

**TABLE 1-2
INJURY MORTALITY BY INTENT, GENDER AND YEAR, ARIZONA RESIDENTS, 1993-2003**

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Total										
All injury deaths	2,909	3,267	3,431	3,384	3,457	3,571	3,494	3,281	3,611	3,851
Unintentional injury	1,686	1,879	1,973	2,091	2,104	2,182	2,192	2,087	2,430	2,416
Intentional self-harm (suicide)	755	816	858	762	810	845	773	737	600	855
Assault (homicide)	387	477	530	459	443	447	430	394	467	478
Legal intervention	11	9	18	17	25	21	27	10	13	14
Events of undetermined intent	70	86	52	55	75	76	72	53	101	88
Male										
All injury deaths	2,139	2,417	2,513	2,496	2,541	2,565	2,481	2,351	2,609	2,746
Unintentional injury	1,170	1,303	1,371	1,453	1,450	1,477	1,481	1,407	1,665	1,593
Intentional self-harm (suicide)	618	663	671	619	662	674	613	604	485	692
Assault (homicide)	286	378	417	368	352	348	315	295	374	394
Legal intervention	10	9	18	17	21	20	27	10	12	13
Events of undetermined intent	55	64	36	39	56	46	45	35	73	54
Female										
All injury deaths	770	850	918	888	916	1,006	1,013	930	1,002	1,105
Unintentional injury	516	576	602	638	654	705	711	680	765	823
Intentional self-harm (suicide)	137	153	187	143	148	171	160	133	115	163
Assault (homicide)	101	99	113	91	91	99	115	99	93	84
Legal intervention	1	0	0	0	4	1	0	0	1	1
Events of undetermined intent	15	22	16	16	19	30	27	18	28	34

**TABLE 1-3
TOTAL MORTALITY AND INJURY MORTALITY BY COUNTY OF RESIDENCE AND YEAR, ARIZONA RESIDENTS, 1993-2003**

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
Total State	Total, all causes	33,295	34,282	35,428	36,579	37,151	38,395	39,673	40,202	40,851	42,320	42,830
	All injury deaths	2,909	3,267	3,431	3,384	3,457	3,571	3,494	3,281	3,611	3,851	3,867
Apache	Total, all causes	397	369	380	459	390	418	436	453	479	448	509
	All injury deaths	102	89	77	144	99	96	92	90	80	104	97
Cochise	Total, all causes	885	836	919	936	977	1,027	1,005	1,067	1,087	1,078	1,126
	All injury deaths	48	76	81	71	71	76	80	93	102	93	90
Coconino	Total, all causes	465	451	526	474	464	542	486	501	548	592	620
	All injury deaths	89	107	106	116	95	93	88	84	85	92	91
Gila	Total, all causes	537	500	586	540	580	624	636	578	637	658	638
	All injury deaths	51	43	56	55	53	51	50	47	43	51	66
Graham	Total, all causes	217	229	259	274	234	269	290	244	256	262	265
	All injury deaths	25	25	30	28	26	20	38	17	16	22	28
Greenlee	Total, all causes	78	50	65	59	59	67	67	73	45	63	55
	All injury deaths	5	4	5	4	4	6	4	5	5	5	3
Maricopa	Total, all causes	18,310	19,001	19,340	20,339	20,327	21,041	22,348	22,600	22,790	23,490	23,549
	All injury deaths	1,454	1,645	1,727	1,699	1,790	1,860	1,858	1,673	2,034	2,097	2,105
Mohave	Total, all causes	1,330	1,390	1,464	1,441	1,639	1,807	1,752	1,917	1,915	2,047	2,151
	All injury deaths	106	131	124	99	117	126	123	147	121	133	150
Navajo	Total, all causes	628	598	580	658	658	611	682	656	677	692	813
	All injury deaths	109	112	116	112	121	102	116	88	130	129	156
Pima	Total, all causes	6,398	6,648	6,689	6,876	6,995	6,993	7,229	7,329	7,460	7,691	7,719
	All injury deaths	517	552	595	533	575	577	620	662	601	675	653
Pinal	Total, all causes	1,088	1,220	1,323	1,275	1,345	1,452	1,426	1,541	1,513	1,672	1,684
	All injury deaths	101	158	154	147	131	154	140	132	137	150	167
Santa Cruz	Total, all causes	199	187	188	180	213	215	197	204	203	237	215
	All injury deaths	20	13	15	10	10	20	20	9	19	15	14
Yavapai	Total, all causes	1,491	1,520	1,693	1,661	1,804	1,876	1,899	1,897	1,927	2,036	2,149
	All injury deaths	110	104	108	104	111	143	138	141	142	168	153
Yuma	Total, all causes	846	820	888	863	913	922	928	946	1,004	1,122	1,133
	All injury deaths	53	76	83	79	75	88	80	74	75	89	68
La Paz	Total, all causes	142	159	186	183	170	207	165	185	171	217	183
	All injury deaths	14	14	17	26	21	28	13	17	18	27	22
Unknown	Total, all causes	284	304	342	361	383	324	127	11	139	15	21
	All injury deaths	105	118	137	157	158	131	34	2	3	1	4

TABLE 1-4
INJURY MORTALITY BY INTENT, RACE/ETHNIC GROUP AND YEAR, ARIZONA RESIDENTS, 1993-2003

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
White non-Hispanic											
All injury deaths	1,895	2,086	2,267	2,104	2,213	2,329	2,150	2,105	2,248	2,509	2,448
Unintentional injury	1,059	1,206	1,294	1,291	1,340	1,407	1,357	1,342	1,568	1,601	1,611
Intentional self-harm (suicide)	619	642	704	615	645	682	589	586	462	684	624
Assault (homicide)	171	185	222	155	160	171	146	131	141	154	136
Legal intervention	6	4	13	9	13	14	11	7	9	9	5
Events of undetermined intent	40	49	34	34	55	55	47	39	68	61	72
Hispanic											
All injury deaths	510	595	638	674	641	681	753	690	818	825	831
Unintentional injury	295	325	344	385	355	399	443	409	486	477	478
Intentional self-harm (suicide)	73	98	89	86	86	98	106	92	73	103	105
Assault (homicide)	127	155	191	187	184	169	184	180	233	225	226
Legal intervention	2	1	5	5	8	5	11	3	3	4	4
Events of undetermined intent	13	16	9	11	8	10	9	6	23	16	18
Black											
All injury deaths	108	159	145	121	141	128	132	115	135	119	154
Unintentional injury	51	56	64	56	72	68	64	66	78	64	81
Intentional self-harm (suicide)	12	14	19	13	19	11	19	10	15	12	23
Assault (homicide)	43	82	60	49	46	48	43	38	38	39	48
Legal intervention	0	3	0	1	3	1	1	0	0	0	0
Events of undetermined intent	2	4	2	2	1	0	5	1	4	4	2
American Indian											
All injury deaths	375	390	351	452	420	393	386	325	352	366	383
Unintentional injury	269	273	251	335	315	283	281	243	257	256	269
Intentional self-harm (suicide)	48	51	41	42	48	46	43	41	43	50	47
Assault (homicide)	42	52	52	66	46	52	49	36	47	54	54
Legal intervention	3	1	0	2	1	1	3	0	1	1	3
Events of undetermined intent	13	13	7	7	10	11	10	5	4	5	10
Asian											
All injury deaths	17	28	21	22	32	31	34	33	35	19	34
Unintentional injury	11	15	16	16	14	19	22	19	23	12	21
Intentional self-harm (suicide)	3	10	3	5	12	8	7	7	6	5	6
Assault (homicide)	3	2	2	0	5	4	5	7	6	2	7
Events of undetermined intent	0	1	0	1	1	0	0	0	0	0	0
Other/Unknown											
All injury deaths	4	9	9	11	10	9	39	13	23	13	17
Unintentional injury	1	4	4	8	8	6	25	8	18	6	6
Intentional self-harm (suicide)	0	1	2	1	0	0	9	1	1	1	2
Assault (homicide)	1	1	3	2	2	3	3	2	2	4	9
Legal intervention	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	2	3	0	0	0	0	1	2	2	2	0

**TABLE 1-5
ALL INJURY DEATHS BY FIVE-YEAR AGE GROUPS AND YEAR, ARIZONA RESIDENTS, 1993-2003**

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<1	23	41	22	28	27	20	32	22	32	26	35
1-4	74	82	85	74	68	78	55	56	68	57	50
5-9	41	28	38	40	42	31	22	33	44	19	24
10-14	65	55	76	61	61	53	41	43	53	53	55
15-19	248	254	297	279	252	238	217	230	238	250	229
20-24	267	376	344	327	317	333	289	292	314	339	372
25-29	284	310	334	298	327	311	288	234	297	294	264
30-34	301	346	341	332	307	305	284	245	289	280	286
35-39	282	300	337	335	346	372	335	244	344	334	317
40-44	219	257	343	317	333	365	340	290	329	339	395
45-49	177	192	208	225	239	272	292	265	293	315	336
50-54	106	142	140	145	166	176	209	207	212	275	255
55-59	114	113	106	115	110	136	155	160	138	184	173
60-64	79	117	107	98	103	106	119	107	111	137	131
65-69	94	102	118	103	99	108	108	128	108	138	123
70-74	112	132	129	107	144	133	110	141	138	129	133
75-79	120	132	129	136	138	163	176	161	146	185	145
80-84	126	114	114	134	162	142	159	148	165	197	204
85-89	100	88	85	112	118	118	139	154	146	152	174
90-94	51	54	45	73	53	72	69	86	90	103	100
95-99	17	22	14	18	26	14	27	21	33	30	34
100+	2	1	7	5	3	5	7	2	3	2	7
Unknown	7	9	12	22	16	20	21	12	20	13	25
Total	2,909	3,267	3,431	3,384	3,457	3,571	3,494	3,281	3,611	3,851	3,867

**TABLE 1-6
MORTALITY RATES¹ FOR INJURIES BY INTENT AND FOR NATURAL CAUSES AMONG AGE GROUPS OF
PERSONS 0 TO 19 YEARS OLD, ARIZONA RESIDENTS, 1993-2003**

Age Group and Cause of Death	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
UNDER 1 YEAR²											
Mortality from all causes	769.2	785.7	758.4	767.0	717.3	759.6	679.5	668.4	688.9	631.7	645.5
Deaths from natural causes	735.8	726.5	728.0	729.7	678.9	733.9	638.5	642.5	651.3	602.0	606.9
Deaths from injuries (Accidents)	33.3	59.2	30.4	37.3	38.4	25.7	39.7	25.9	37.6	29.8	38.6
(Homicide)	26.1	45.1	19.3	30.6	23.8	18.0	32.3	17.6	29.3	24.0	25.3
(Undetermined intent)	5.8	9.9	11.1	5.3	7.9	1.3	7.5	7.1	5.9	3.4	12.1
	1.4	4.2	0.0	1.3	4.0	5.1	0.0	1.2	2.4	2.3	1.1
1-4 YEARS											
Mortality from all causes	55.0	55.0	51.9	48.1	47.1	53.9	36.7	36.7	46.7	39.0	40.3
Deaths from natural causes	27.3	25.0	20.5	20.4	21.2	25.2	17.7	18.4	24.8	21.5	25.4
Deaths from injuries (Accidents)	27.7	30.0	31.4	27.8	25.9	28.0	19.1	18.4	21.9	17.5	14.9
(Homicide)	24.7	23.9	27.0	23.7	22.7	24.8	17.0	17.4	19.3	14.1	11.9
(Undetermined intent)	3.0	5.4	4.0	3.0	1.1	3.2	2.1	1.0	1.9	3.4	2.7
	0.0	0.7	0.4	1.1	1.1	0.0	0.0	0.0	0.7	0.0	0.3
5-9 YEARS											
Mortality from all causes	26.2	20.3	21.1	21.6	24.1	19.3	15.4	19.2	20.1	12.0	12.6
Deaths from natural causes	12.6	11.3	8.9	9.2	12.1	10.2	9.0	10.8	9.2	7.5	7.0
Deaths from injuries (Accidents)	13.6	9.0	12.1	12.4	12.1	8.5	5.8	8.5	10.9	4.6	5.6
(Homicide)	12.3	8.0	11.5	9.2	10.7	7.2	5.0	7.2	8.9	4.1	5.1
(Undetermined intent)	1.3	1.0	0.6	2.3	0.8	1.1	0.5	1.3	2.0	0.5	0.2
	0.0	0.0	0.0	0.9	0.3	0.3	0.3	0.0	0.0	0.0	0.2
10-14 YEARS											
Mortality from all causes	38.4	34.4	36.8	30.5	31.1	24.8	22.9	22.2	24.0	23.3	23.4
Deaths from natural causes	15.7	15.7	9.7	11.4	12.3	8.7	10.1	10.8	10.5	10.2	10.1
Deaths from injuries (Accidents)	22.7	18.7	27.1	19.1	18.9	15.7	11.5	11.4	13.6	13.1	13.3
(Homicide)	14.3	12.3	17.0	13.5	13.5	9.0	8.7	9.3	8.4	8.4	10.8
(Suicide)	3.8	1.4	4.4	3.1	2.1	3.5	1.7	0.3	2.6	1.2	0.0
(Undetermined intent)	3.8	3.1	3.7	2.2	2.1	2.9	0.8	1.5	2.3	3.0	1.9
	0.7	2.0	2.0	0.3	0.6	0.3	0.3	0.3	0.3	0.5	0.5
15-19 YEARS											
Mortality from all causes	117.0	115.6	130.4	114.6	103.1	90.9	81.4	78.9	86.6	82.7	75.4
Deaths from natural causes	20.0	18.3	20.5	20.8	23.1	16.2	14.4	16.3	23.9	18.9	18.6
Deaths from injuries (Accidents)	97.1	97.3	109.9	93.8	80.0	72.6	63.8	62.6	62.6	63.8	56.8
(Homicide)	48.9	43.9	52.8	46.1	35.7	39.9	35.8	35.9	37.6	36.7	34.7
(Suicide)	23.9	27.9	33.4	24.4	19.0	16.8	16.2	14.4	12.9	14.8	11.9
(Other ³)	22.7	23.7	18.7	18.2	23.7	15.2	10.2	11.1	10.5	9.9	9.7
	1.6	1.9	5.0	5.1	1.6	0.6	1.2	1.1	1.6	2.3	0.2

¹ Number of deaths per 100,000 population in specified age group per year.

² Number of births was used as the denominator for death rate calculations among infants.

³ Events of undetermined intent and/or legal intervention (see Table 1-7).

**TABLE 1-7
NUMBER OF INJURY DEATHS BY INTENT AND YEAR AMONG PERSONS 0-19 YEARS OLD BY AGE GROUP,
ARIZONA RESIDENTS, 1993-2003**

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
<1	All injury deaths	23	41	22	28	27	20	32	22	32	26	35
	Unintentional injury	18	32	14	23	18	14	26	15	25	21	23
	Assault (homicide)	4	7	8	4	6	4	6	6	5	3	11
	Events of undetermined intent	1	2	0	1	3	1	0	1	2	2	1
1-4	All injury deaths	74	82	85	74	68	78	55	68	57	50	
	Unintentional injury	66	66	74	64	62	69	49	53	60	46	
	Assault (homicide)	8	15	11	8	3	9	6	3	6	11	
	Events of undetermined intent	0	1	0	2	3	0	0	0	2	0	
5-9	All injury deaths	41	28	38	40	42	31	22	33	44	19	24
	Unintentional injury	37	25	36	32	38	26	19	28	36	17	22
	Intentional self-harm (suicide)	0	0	0	0	0	1	1	0	0	0	0
	Assault (homicide)	4	3	2	8	3	4	2	5	8	2	1
10-14	Events of undetermined intent	0	0	0	0	1	0	0	0	0	0	1
	All injury deaths	65	55	76	61	61	53	41	43	53	53	55
	Unintentional injury	41	36	51	44	45	30	31	35	33	34	45
	Intentional self-harm (suicide)	11	9	11	7	7	10	6	6	9	12	8
15-19	Assault (homicide)	11	4	13	10	7	11	3	1	10	5	0
	Legal intervention	0	0	0	0	0	1	0	0	0	0	0
	Events of undetermined intent	2	6	1	0	2	1	1	1	1	2	2
	All injury deaths	248	254	297	279	252	238	217	230	238	250	229
15-19	Unintentional injury	125	115	147	142	113	131	122	132	143	144	140
	Intentional self-harm (suicide)	58	62	52	56	75	50	36	41	40	39	39
	Assault (homicide)	61	72	89	72	56	55	51	53	49	58	48
	Legal intervention	0	1	4	3	4	0	4	1	0	1	1
15-19	Events of undetermined intent	4	4	5	6	4	2	4	3	6	8	1

TABLE 1-8
 INJURY MORTALITY AMONG PERSONS 0-19 YEARS OLD BY INTENT, AGE GROUP AND RACE/ETHNICITY,
 ARIZONA RESIDENTS, 2003

	All injury deaths	Unintentional injury	Intentional self-harm (suicide)	Assault (homicide)	Legal intervention	Events of undetermined intent
<1	Total, all groups	35	23	0	11	0
	White non-Hispanic	11	9	0	2	0
	Hispanic	11	7	0	3	0
	Black	4	4	0	0	0
	American Indian	8	3	0	5	0
	Asian	1	0	0	1	0
1-4	Total, all groups	50	40	0	9	0
	White non-Hispanic	25	23	0	2	0
	Hispanic	17	12	0	5	0
	Black	5	3	0	1	0
	American Indian	3	2	0	1	0
	Asian	0	0	0	0	0
5-9	Total, all groups	24	22	0	1	0
	White non-Hispanic	7	7	0	0	0
	Hispanic	10	9	0	1	0
	Black	0	0	0	0	0
	American Indian	7	6	0	0	0
	Asian	0	0	0	0	0
10-14	Total, all groups	55	45	8	0	0
	White non-Hispanic	30	26	4	0	0
	Hispanic	11	10	0	0	0
	Black	2	1	1	0	0
	American Indian	11	8	2	0	0
	Asian	1	0	1	0	0
15-19	Total, all groups	229	140	39	48	1
	White non-Hispanic	85	56	21	8	0
	Hispanic	83	46	6	30	0
	Black	10	5	0	5	0
	American Indian	48	30	12	5	1
	Asian	3	3	0	0	0

**TABLE 1-9
INJURY MORTALITY AMONG PERSONS 0 TO 19 YEARS OLD BY INTENT AND COUNTY OF RESIDENCE, ARIZONA, 2003**

		All injury deaths	Unintentional injury	Intentional self-harm (suicide)	Assault (homicide)	Legal intervention	Events of undetermined intent
<1	Total State	35	23	0	11	0	1
	Cochise	2	1	0	0	0	1
	Gila	1	0	0	1	0	0
	Maricopa	19	11	0	8	0	0
	Mohave	4	4	0	0	0	0
	Navajo	2	0	0	2	0	0
	Pima	4	4	0	0	0	0
	Pinal	1	1	0	0	0	0
	Yuma	2	2	0	0	0	0
1-4	Total State	50	40	0	9	0	1
	Apache	1	1	0	0	0	0
	Cochise	1	1	0	0	0	0
	Coconino	2	2	0	0	0	0
	Gila	2	1	0	1	0	0
	Maricopa	27	23	0	4	0	0
	Mohave	1	1	0	0	0	0
	Navajo	2	2	0	0	0	0
	Pima	7	3	0	3	0	1
	Pinal	5	5	0	0	0	0
Yuma	2	1	0	1	0	0	
5-9	Total State	24	22	0	1	0	1
	Apache	3	2	0	0	0	1
	Cochise	1	1	0	0	0	0
	Coconino	1	1	0	0	0	0
	Maricopa	7	7	0	0	0	0
	Mohave	2	2	0	0	0	0
	Navajo	5	5	0	0	0	0
	Pima	3	2	0	1	0	0
	Pinal	1	1	0	0	0	0
	Yavapai	1	1	0	0	0	0
10-14	Total State	55	45	8	0	0	2
	Apache	3	3	0	0	0	0
	Cochise	1	1	0	0	0	0
	Coconino	4	4	0	0	0	0
	Graham	1	1	0	0	0	0
	Maricopa	22	18	3	0	0	1
	Mohave	2	1	1	0	0	0
	Navajo	5	4	1	0	0	0
	Pima	8	6	2	0	0	0
	Pinal	6	5	1	0	0	0
	Santa Cruz	1	1	0	0	0	0
Yavapai	2	1	0	0	0	1	
15-19	Total State	229	140	39	48	1	1
	Apache	14	11	3	0	0	0
	Cochise	4	3	1	0	0	0
	Coconino	5	4	0	1	0	0
	Gila	5	3	2	0	0	0
	Graham	1	1	0	0	0	0
	Maricopa	122	69	21	31	0	1
	Mohave	2	1	0	0	1	0
	Navajo	12	8	2	2	0	0
	Pima	42	23	7	12	0	0
	Pinal	11	7	2	2	0	0
	Santa Cruz	2	1	1	0	0	0
	Yavapai	7	7	0	0	0	0
	La Paz	2	2	0	0	0	0

