

**TABLE 2C-17  
MORTALITY RATES<sup>1</sup> FOR THE FIVE-LEADING CAUSES<sup>2</sup> OF DEATH AMONG YOUNG ADULTS (20-44 YEARS)  
IN URBAN AND RURAL AREAS<sup>3</sup>, ARIZONA, 1994-2004**

Area/Cause	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% change from 1994
<b>URBAN</b>												
Accidents (unintentional injuries)	43.5	47.3	42.8	41.7	44.4	43.6	34.0	43.7	39.1	38.3	35.5	-18.4
Motor vehicle accidents	22.8	25.2	21.0	20.7	20.9	21.1	17.6	19.5	18.9	19.2	17.5	-23.2
Other injury	20.7	22.1	21.9	21.1	23.5	22.5	16.4	24.2	20.2	19.1	18.0	-13.0
Intentional self-harm (suicide)	24.9	24.9	20.4	20.3	21.5	17.8	16.5	12.3	18.0	17.9	16.2	-34.9
Assault (homicide)	18.4	21.5	15.8	17.6	17.6	16.7	13.0	16.9	15.6	14.8	15.2	-17.4
Malignant neoplasms	19.6	18.1	19.7	18.5	20.1	19.0	17.8	18.6	16.2	14.7	16.0	-18.4
Diseases of heart*	14.3	13.8	15.5	12.7	13.6	12.5	10.5	12.3	11.8	11.0	10.6	-25.9
ALL CAUSES	187.2	194.0	170.9	158.1	161.4	150.6	147.8	148.1	145.4	140.2	132.2	-29.4
(Number of all deaths)	(2474)	(2565)	(2430)	(2303)	(2391)	(2311)	(2372)	(2464)	(2494)	(2477)	(2426)	(-1.9)
<b>RURAL</b>												
Accidents (unintentional injuries)	98.2	101.4	88.8	78.2	74.5	65.5	59.3	74.0	63.2	75.5	58.9	-40.0
Motor vehicle accidents	55.7	63.8	62.4	51.4	50.7	39.9	37.5	42.8	37.9	48.1	38.4	-31.1
Other injury	42.4	37.6	26.4	26.8	23.8	25.6	21.8	31.2	25.3	27.4	20.5	-51.7
Intentional self-harm (suicide)	45.8	50.5	27.2	30.3	28.8	24.5	27.4	19.2	26.0	26.8	29.5	-35.6
Malignant neoplasms	21.6	33.5	22.9	24.5	25.7	20.5	21.5	17.8	22.8	17.2	15.9	26.4
Assault (homicide)	23.3	20.2	16.6	14.0	16.1	11.3	9.6	12.7	11.9	11.3	9.9	-57.5
Diseases of heart	14.1	20.6	15.8	15.6	18.1	16.5	15.2	11.6	16.2	16.8	14.2	0.7
ALL CAUSES	327.0	370.0	249.0	220.6	219.4	193.6	208.1	212.6	212.2	217.3	194.3	-40.6
(Number of all deaths)	(786)	(916)	(631)	(567)	(571)	(529)	(561)	(586)	(604)	(633)	(587)	(-25.3)
<b>STATEWIDE</b>												
Accidents (unintentional injuries)	51.9	55.9	53.7	51.0	52.1	47.5	37.7	48.1	42.5	43.5	38.8	-25.2
Motor vehicle accidents	27.8	31.3	30.0	27.5	27.4	24.3	20.5	22.9	21.6	23.3	20.5	-26.3
Other injury	24.1	24.6	23.6	23.5	24.7	23.2	17.2	25.2	20.9	20.2	18.3	-24.1
Intentional self-harm (suicide)	28.1	28.9	23.4	24.1	24.4	19.4	18.1	13.3	19.1	19.2	18.1	-35.6
Diseases of heart	15.1	16.0	16.6	14.4	15.0	13.4	11.4	12.2	12.4	11.8	11.1	-26.5
Malignant neoplasms	19.9	20.5	22.0	20.7	22.9	19.8	18.3	18.5	17.1	15.0	16.0	-19.6
Assault (homicide)	19.1	21.3	17.3	17.8	18.0	16.2	12.5	16.3	15.1	14.3	14.5	-24.1
ALL CAUSES	208.7	221.7	199.9	184.4	184.8	162.0	156.5	158.2	154.9	151.1	141.0	-32.4
(Number of all deaths)	(3260)	(3481)	(3349)	(3159)	(3218)	(2929)	(2933)	(3069)	(3099)	(3110)	(3013)	(-7.6)

\*The fifth leading cause based on the combined number of deaths during 1994-2004. Diseases of heart replaced HIV disease as the 5<sup>th</sup> leading cause of death among urban young adults. Diseases of heart accounted for 2,138 deaths among urban young adults in 1994–2004, compared to 1,564 deaths from HIV disease.

<sup>1</sup>Rates are presented per 100,000 young adults 20-44 years old.

<sup>2</sup>The five causes with the greatest number of deaths statewide over the 1994-2004 period.

<sup>3</sup>Urban = Maricopa, Pima, Pinal and Yuma counties. The remaining counties comprise Arizona's rural areas. See **Technical Notes** for more information.

Note: Records with unknown county of residence are included in the statewide totals, but are not distributed by urban/rural area. The cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10). The causes of death for 2000-2004 are classified by ICD-10, replacing the Ninth Revision (ICD-9) used during 1979-1999. Measures of comparison between ICD-9 and ICD-10 – the “comparability ratios” - for the causes of death shown in this report are provided in the **Technical Notes**.