

**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, 1993-2003**

Area/Cause	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	% Change from 1993
<b>URBAN</b>												
Accidents (unintentional injuries)	43.5	47.3	42.8	41.7	44.4	43.6	31.2	34.0	43.7	39.1	38.3	-12.0
Motor vehicle accidents	22.8	25.2	21.0	20.7	20.9	21.1	19.1	17.6	19.5	18.9	19.2	-15.8
Other injury	20.7	22.1	21.9	21.1	23.5	22.5	12.1	16.4	24.2	20.2	19.1	-7.7
HIV disease	22.6	24.0	25.0	16.0	8.7	5.5	6.0	4.6	5.0	*4.5	4.6	-79.6
Intentional self-harm (suicide)	24.9	24.9	20.4	20.3	21.5	17.8	18.2	16.5	12.3	18.0	17.9	-28.1
Assault (homicide)	18.4	21.5	15.8	17.6	17.6	16.7	14.6	13.0	16.9	15.6	14.8	-19.6
Malignant neoplasms	19.6	18.1	19.7	18.5	20.1	19.0	19.0	17.8	18.6	16.2	14.7	-25.0
ALL CAUSES	187.2	194.0	170.9	158.1	161.4	150.6	148.3	147.8	148.1	145.4	140.2	-25.1
(Number of all deaths)	(2,474)	(2,565)	(2,430)	(2,303)	(2,391)	(2,311)	(1,796)	(2,372)	(2,464)	(2,494)	(2,477)	0.1
<b>RURAL</b>												
Accidents (unintentional injuries)	71.9	83.6	81.6	88.8	78.2	74.5	65.5	59.3	74.0	63.2	75.5	5.0
Motor vehicle accidents	48.3	47.8	49.3	62.4	51.4	50.7	39.9	37.5	42.8	37.9	48.1	-0.4
Other injury	23.6	35.8	32.3	26.4	26.8	23.8	25.6	21.8	31.2	25.3	27.4	16.1
Intentional self-harm (suicide)	26.5	33.3	38.0	27.2	30.3	28.8	24.5	27.4	19.2	26.0	26.8	1.1
Malignant neoplasms	17.2	13.3	24.6	22.9	24.5	25.7	20.5	21.5	17.8	22.8	17.2	0.0
Assault (homicide)	13.2	16.6	17.0	16.6	14.0	16.1	11.3	9.6	12.7	11.9	11.3	-14.4
Diseases of heart	15.0	14.1	20.6	15.8	15.6	18.1	16.5	15.2	11.6	16.2	16.8	12.0
ALL CAUSES	202.5	225.5	263.7	249.0	220.6	219.4	193.6	208.1	212.6	212.2	217.3	7.3
(Number of all deaths)	(566)	(542)	(653)	(631)	(567)	(571)	(529)	(561)	(586)	(604)	(633)	11.8
<b>STATEWIDE</b>												
Accidents (unintentional injuries)	45.0	51.9	55.9	53.7	51.0	52.1	47.5	37.7	48.1	42.5	43.5	-3.3
Motor vehicle accidents	25.4	27.8	31.3	30.0	27.5	27.4	24.3	20.5	22.9	21.6	23.3	-8.3
Other injury	19.6	24.1	24.6	23.6	23.5	24.7	23.2	17.2	25.2	20.9	20.2	3.1
Intentional self-harm (suicide)	24.5	28.1	28.9	23.4	24.1	24.4	19.4	18.1	13.3	19.1	19.2	-21.6
Diseases of heart	15.3	15.1	16.0	16.6	14.4	15.0	13.4	11.4	12.2	12.4	11.8	-22.9
Malignant neoplasms	22.8	19.9	20.5	22.0	20.7	22.9	19.8	18.3	18.5	17.1	15.0	-34.2
Assault (homicide)	16.0	19.1	21.3	17.3	17.8	18.0	16.2	12.5	16.3	15.1	14.3	-10.6
ALL CAUSES	192.3	208.7	221.7	199.9	184.4	184.8	162.0	156.5	158.2	154.9	151.1	-21.4
(Number of all deaths)	(2,962)	(3,260)	(3,481)	(3,349)	(3,159)	(3,218)	(2,929)	(2,933)	(3,069)	(3,099)	(3,110)	5.0

\*The fifth leading cause based on the combined number of deaths during 1993-2003, but not among the five leading causes of death in 2002.

<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 1993-2003 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 2000-2003 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**.