

**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, 1990-2000**

Area/Cause	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	% change from 1990
<b>URBAN</b>												
Accidents (unintentional injuries)	38.0	31.2	35.2	34.2	43.5	47.3	42.8	41.7	44.4	43.6	34.0	-10.5
Motor vehicle accidents	22.8	19.1	20.1	17.5	22.8	25.2	21.0	20.7	20.9	21.1	17.6	-22.8
Other injury	15.2	12.1	15.1	16.7	20.7	22.1	21.9	21.1	23.5	22.5	16.4	7.9
HIV disease	14.7	17.2	20.2	22.6	24.0	25.0	16.0	8.7	*5.5	*6.0	*4.6	-68.7
Intentional self-harm (suicide)	23.7	18.2	18.9	21.2	24.9	24.9	20.4	20.3	21.5	17.8	16.5	-30.4
Assault (homicide)	11.4	14.6	13.9	14.6	18.4	21.5	15.8	17.6	17.6	16.7	13.0	14.0
Malignant neoplasm	20.3	19.0	13.6	21.1	19.6	18.1	19.7	18.5	20.1	19.0	17.8	-12.3
ALL CAUSES	149.8	148.3	156.6	163.7	187.2	194.0	170.9	158.1	161.4	150.6	147.8	-1.3
(Number of all deaths)	(1,767)	(1,796)	(1,945)	(2,064)	(2,474)	(2,565)	(2,430)	(2,303)	(2,391)	(2,311)	(2,372)	(34.3)
<b>RURAL</b>												
Accidents (unintentional injuries)	81.1	76.4	77.8	71.9	83.6	81.6	88.8	78.2	74.5	65.5	59.3	-26.9
Motor vehicle accidents	54.2	56.1	49.0	48.3	47.8	49.3	62.4	51.4	50.7	39.9	37.5	-30.8
Other injury	26.9	20.3	28.8	23.6	35.8	32.3	26.4	26.8	23.8	25.6	21.8	-19.0
Intentional self-harm (suicide)	25.0	28.8	29.9	26.5	33.3	38.0	27.2	30.3	28.8	24.5	27.4	9.6
Malignant neoplasm	19.7	25.1	19.8	17.2	13.3	24.6	22.9	24.5	25.7	20.5	21.5	9.1
Assault (homicide)	13.7	16.2	15.5	13.2	16.6	17.0	16.6	14.0	16.1	11.3	9.6	-29.9
Diseases of heart	11.0	14.8	13.7	15.0	14.1	20.6	15.8	15.6	18.1	16.5	15.2	38.2
ALL CAUSES	200.5	224.8	234.8	202.5	225.5	263.7	249.0	220.6	219.4	193.6	208.1	3.8
(Number of all deaths)	(529)	(609)	(652)	(566)	(542)	(653)	(631)	(567)	(571)	(529)	(561)	(6.1)
<b>STATEWIDE</b>												
Accidents (unintentional injuries)	45.9	39.5	43.0	45.0	51.9	55.9	53.7	51.0	52.1	47.5	37.7	-17.9
Motor vehicle accidents	28.5	25.8	25.3	25.4	27.8	31.3	30.0	27.5	27.4	24.3	20.5	-28.1
Other injury	17.4	13.6	17.6	19.6	24.1	24.6	23.6	23.5	24.7	23.2	17.2	-1.2
Intentional self-harm (suicide)	24.0	20.2	20.9	24.5	28.1	28.9	23.4	24.1	24.4	19.4	18.1	-24.6
Diseases of heart	11.2	14.6	13.9	15.3	15.1	16.0	16.6	14.4	15.0	13.4	11.4	1.8
Malignant neoplasm	20.0	20.1	17.6	22.8	19.9	20.5	22.0	20.7	22.9	19.8	18.3	-8.5
Assault (homicide)	13.2	14.1	14.2	16.0	19.1	21.3	17.3	17.8	18.0	16.2	12.5	-5.3
ALL CAUSES	159.1	162.3	170.9	192.3	208.7	221.7	199.9	184.4	184.8	162.0	156.5	-1.6
(Number of all deaths)	(2,269)	(2,405)	(2,597)	(2,962)	(3,260)	(3,481)	(3,349)	(3,159)	(3,218)	(2,929)	(2,933)	(27.8)

\* The fifth leading cause based on the combined number of deaths during 1990-2000, but not among the five leading causes of death in 1998, 1999 and 2000.

<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 1990-2000 period.

<sup>3</sup> Prior to 1990, Maricopa and Pima counties were delineated as urbanized areas in Arizona. Beginning in 1990, Yuma County and in 1993 Pinal County met the criteria and were classified as urban. The remaining counties comprise Arizona's rural areas.

Note: the cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10). The causes of death for 2000 are classified by ICD-10, 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*.