

TABLE 2C-17
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG YOUNG ADULTS (20-44 YEARS)
IN URBAN AND RURAL AREAS³, ARIZONA, 1995-2005

Area/Cause	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	% change from 1995
URBAN												
Accident (unintentional injury)	47.3	42.8	41.7	44.4	43.6	34.0	43.7	39.1	38.3	35.5	40.2	-15.0
Motor vehicle accident	25.2	21.0	20.7	20.9	21.1	17.6	19.5	18.9	19.2	17.5	21.1	-16.3
Other injury	22.1	21.9	21.1	23.5	22.5	16.4	24.2	20.2	19.1	18.0	19.1	-13.6
Intentional self-harm (suicide)	24.9	20.4	20.3	21.5	17.8	16.5	12.3	18.0	17.9	16.2	16.8	-32.5
Assault (homicide)	21.5	15.8	17.6	17.6	16.7	13.0	16.9	15.6	14.8	15.2	14.9	-30.7
Malignant neoplasms	18.1	19.7	18.5	20.1	19.0	17.8	18.6	16.2	14.7	16.0	11.8	-34.8
Diseases of heart	13.8	15.5	12.7	13.6	12.5	10.5	12.3	11.8	11.0	10.6	11.9	-13.8
ALL CAUSES	194.0	170.9	158.1	161.4	150.6	147.8	148.1	145.4	140.2	132.2	133.0	-31.4
(Number of all deaths)	(2565)	(2430)	(2303)	(2391)	(2311)	(2372)	(2464)	(2494)	(2477)	(2426)	(2532)	(-1.3)
RURAL												
Accident (unintentional injury)	101.4	88.8	78.2	74.5	65.5	59.3	74.0	63.2	75.5	58.9	72.0	-29.0
Motor vehicle accident	63.8	62.4	51.4	50.7	39.9	37.5	42.8	37.9	48.1	38.4	44.2	-30.7
Other injury	37.6	26.4	26.8	23.8	25.6	21.8	31.2	25.3	27.4	20.5	27.8	-26.1
Intentional self-harm (suicide)	50.5	27.2	30.3	28.8	24.5	27.4	19.2	26.0	26.8	29.5	26.8	-46.9
Malignant neoplasms	33.5	22.9	24.5	25.7	20.5	21.5	17.8	22.8	17.2	15.9	17.8	-46.9
Assault (homicide)	20.2	16.6	14.0	16.1	11.3	9.6	12.7	11.9	11.3	9.9	12.6	-37.6
Diseases of heart	20.6	15.8	15.6	18.1	16.5	15.2	11.6	16.2	16.8	14.2	10.0	-51.5
ALL CAUSES	370.0	249.0	220.6	219.4	193.6	208.1	212.6	212.2	217.3	194.3	189.9	-48.7
(Number of all deaths)	(916)	(631)	(567)	(571)	(529)	(561)	(586)	(604)	(633)	(587)	(588)	(-35.8)
STATEWIDE												
Accident (unintentional injury)	55.9	53.7	51.0	52.1	47.5	37.7	48.1	42.5	43.5	38.8	44.6	-20.2
Motor vehicle accident	31.3	30.0	27.5	27.4	24.3	20.5	22.9	21.6	23.3	20.5	24.3	-22.4
Other injury	24.6	23.6	23.5	24.7	23.2	17.2	25.2	20.9	20.2	18.3	20.3	-17.5
Intentional self-harm (suicide)	28.9	23.4	24.1	24.4	19.4	18.1	13.3	19.1	19.2	18.1	18.2	-37.0
Diseases of heart	16.0	16.6	14.4	15.0	13.4	11.4	12.2	12.4	11.8	11.1	11.7	-26.9
Malignant neoplasms	20.5	22.0	20.7	22.9	19.8	18.3	18.5	17.1	15.0	16.0	12.6	-38.5
Assault (homicide)	21.3	17.3	17.8	18.0	16.2	12.5	16.3	15.1	14.3	14.5	14.5	-31.9
ALL CAUSES	221.7	199.9	184.4	184.8	162.0	156.5	158.2	154.9	151.1	141.0	140.9	-36.4
(Number of all deaths)	(3481)	(3349)	(3159)	(3218)	(2929)	(2933)	(3069)	(3099)	(3110)	(3013)	(3121)	(-10.3)

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

²The five causes with the greatest number of deaths statewide over the 1995-2005 period.

³Urban = 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 2000-2005 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**.