

TABLE 2C-16
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG YOUNG ADULTS (20-44 YEARS)
IN URBAN AND RURAL AREAS³, ARIZONA, 2000-2010

Area/Cause	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	% change from 2000
URBAN												
Accidents (unintentional injuries)	34.0	43.7	39.1	38.3	35.5	40.2	44.8	38.7	34.4	32.7	33.5	-1.5
Motor vehicle accidents	17.6	19.5	18.9	19.2	17.5	21.1	21.2	17.7	14.2	11.2	11.5	-34.7
Other	16.4	24.2	20.2	19.1	18.0	19.1	23.6	21.0	20.2	21.5	22.0	34.1
Malignant neoplasms	17.8	18.6	16.2	14.7	16.0	11.8	13.5	12.9	14.2	15.6	13.3	-25.3
Intentional self-harm (suicide)	16.5	12.3	18.0	17.9	16.2	16.8	16.2	18.0	16.4	13.6	17.7	7.3
Assault (homicide)	13.0	16.9	15.6	14.8	15.2	14.9	15.1	14.3	13.2	9.7	11.0	-15.4
Diseases of heart	10.5	12.3	11.8	11.0	10.6	11.9	10.0	9.9	8.9	8.7	8.0	-23.8
ALL CAUSES	147.8	148.1	145.4	140.2	132.2	133.0	139.3	129.8	113.6	113.0	119.7	-19.0
(Number of all deaths)	(2372)	(2464)	(2494)	(2477)	(2426)	(2532)	(2640)	(2511)	(2239)	(2203)	(2203)	(-7.1)
RURAL												
Accidents (unintentional injuries)	59.3	74.0	63.2	75.5	58.9	72.0	66.9	73.2	57.1	64.7	63.9	7.8
Motor vehicle accidents	37.5	42.8	37.9	48.1	38.4	44.2	42.4	40.5	28.0	29.4	27.0	-28.0
Other	21.8	31.2	25.3	27.4	20.5	27.8	24.5	32.7	29.2	35.4	36.9	69.3
Intentional self-harm (suicide)	27.4	19.2	26.0	26.8	29.5	26.8	25.5	25.6	20.4	29.1	30.2	10.2
Malignant neoplasms	21.5	17.8	22.8	17.2	15.9	17.8	14.0	16.1	12.5	15.9	13.8	-35.8
Diseases of heart	15.2	11.6	16.2	16.8	14.2	10.0	15.0	15.1	9.4	15.0	9.6	-36.8
Assault (homicide)	9.6	12.7	11.9	11.3	9.9	12.6	11.2	12.7	14.6	7.8	16.0	66.7
ALL CAUSES	208.1	212.6	212.2	217.3	194.3	189.9	196.9	188.1	174.2	191.6	203.7	-2.1
(Number of all deaths)	(561)	(586)	(604)	(633)	(587)	(588)	(618)	(609)	(590)	(662)	(574)	2.3
STATEWIDE												
Accidents (unintentional injuries)	37.7	48.1	42.5	43.5	38.8	44.6	47.9	43.6	38.0	37.8	37.8	0.3
Motor vehicle accidents	20.5	22.9	21.6	23.3	20.5	24.3	24.2	21.0	16.3	14.1	13.7	-33.2
Other	17.2	25.2	20.9	20.2	18.3	20.3	23.7	22.6	21.7	23.7	24.1	40.1
Intentional self-harm (suicide)	18.1	13.3	19.1	19.2	18.1	18.2	17.6	19.1	15.0	17.5	19.4	7.2
Malignant neoplasms	18.3	18.5	17.1	15.0	16.0	12.6	13.6	13.3	9.7	13.9	13.4	-26.8
Assault (homicide)	12.5	16.3	15.1	14.3	14.5	14.5	14.5	14.1	13.1	10.5	12.0	-4.0
Diseases of heart	11.4	12.2	12.4	11.8	11.1	11.7	10.7	10.7	11.5	8.8	8.2	-28.1
ALL CAUSES	156.5	158.2	154.9	151.1	141.0	140.9	147.5	138.2	123.0	125.2	131.8	-15.8
(Number of all deaths)	(2933)	(3069)	(3099)	(3110)	(3013)	(3121)	(3258)	(3120)	(2829)	(2917)	(2796)	(-4.7)

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

²The five causes with the greatest number of deaths statewide over the 2000-2010 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 2000-2010 are classified by ICD-10, replacing the Ninth Revision (ICD-9). 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**.