

**TABLE 2C-16**  
**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, 2001-2011**

Area/Cause	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	% change from 2001
<b>URBAN</b>												
Accidents (unintentional injuries)	43.7	39.1	38.3	35.5	40.2	44.8	38.7	34.4	32.7	33.5	36.6	-16.2
Motor vehicle accidents	19.5	18.9	19.2	17.5	21.1	21.2	17.7	14.2	11.2	11.5	12.4	-36.4
Other	24.2	20.2	19.1	18.0	19.1	23.6	21.0	20.2	21.5	22.0	4.3	-82.2
Intentional self-harm (suicide)	12.3	18.0	17.9	16.2	16.8	16.2	18.0	16.4	13.6	17.7	18.1	47.2
Malignant neoplasms	18.6	16.2	14.7	16.0	11.8	13.5	12.9	14.2	15.6	13.3	13.5	-27.4
Assault (homicide)	16.9	15.6	14.8	15.2	14.9	15.1	14.3	13.2	9.7	11.0	10.0	-40.8
Diseases of heart	12.3	11.8	11.0	10.6	11.9	10.0	9.9	8.9	8.7	8.0	9.6	-22.0
ALL CAUSES	148.1	145.4	140.2	132.2	133.0	139.3	129.8	113.6	113.0	119.7	120.3	-18.8
(Number of all deaths)	(2464)	(2494)	(2477)	(2426)	(2532)	(2640)	(2511)	(2239)	(2203)	(2203)	(2232)	(-9.4)
<b>RURAL</b>												
Accidents (unintentional injuries)	74.0	63.2	75.5	58.9	72.0	66.9	73.2	57.1	64.7	63.9	71.9	-2.8
Motor vehicle accidents	42.8	37.9	48.1	38.4	44.2	42.4	40.5	28.0	29.4	27.0	33.0	-22.9
Other	31.2	25.3	27.4	20.5	27.8	24.5	32.7	29.2	35.4	36.9	10.3	-67.0
Intentional self-harm (suicide)	19.2	26.0	26.8	29.5	26.8	25.5	25.6	20.4	29.1	30.2	37.6	95.8
Diseases of heart	11.6	16.2	16.8	14.2	10.0	15.0	15.1	9.4	15.0	9.6	16.7	44.0
Assault (homicide)	12.7	11.9	11.3	9.9	12.6	11.2	12.7	14.6	7.8	16.0	12.8	0.8
Malignant neoplasms	17.8	22.8	17.2	15.9	17.8	14.0	16.1	12.5	15.9	13.8	12.0	-32.6
ALL CAUSES	212.6	212.2	217.3	194.3	189.9	196.9	188.1	174.2	191.6	203.7	210.2	-1.1
(Number of all deaths)	(586)	(604)	(633)	(587)	(588)	(618)	(609)	(590)	(662)	(574)	(593)	1.2
<b>STATEWIDE</b>												
Accidents (unintentional injuries)	48.1	42.5	43.5	38.8	44.6	47.9	43.6	38.0	37.8	37.8	41.9	-12.9
Motor vehicle accidents	22.9	21.6	23.3	20.5	24.3	24.2	21.0	16.3	14.1	13.7	15.2	-33.6
Other	25.2	20.9	20.2	18.3	20.3	23.7	22.6	21.7	23.7	24.1	5.5	-78.2
Intentional self-harm (suicide)	13.3	19.1	19.2	18.1	18.2	17.6	19.1	15.0	17.5	19.4	20.9	57.1
Malignant neoplasms	18.5	17.1	15.0	16.0	12.6	13.6	13.3	9.7	13.9	13.4	13.3	-28.1
Diseases of heart	12.2	12.4	11.8	11.1	11.7	10.7	10.7	11.5	8.8	8.2	10.6	-13.1
Assault (homicide)	16.3	15.1	14.3	14.5	14.5	14.5	14.1	13.1	10.5	12.0	10.5	-35.6
ALL CAUSES	158.2	154.9	151.1	141.0	140.9	147.5	138.2	123.0	125.2	131.8	133.6	-15.5
(Number of all deaths)	(3069)	(3099)	(3110)	(3013)	(3121)	(3258)	(3120)	(2829)	(2917)	(2796)	(2856)	(-6.9)

<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 2001-2011 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 2001-2011 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**.