

**TABLE 2C-16
MORTALITY RATES^a FOR THE FIVE LEADING CAUSES^b OF DEATH AMONG YOUNG ADULTS (20-44 YEARS)
IN URBAN AND RURAL AREAS^c, ARIZONA, 2002-2012**

Area/Cause	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	% change from 2002
URBAN												
Accidents (unintentional injuries)	39.1	38.3	35.5	40.2	44.8	38.7	34.4	32.7	33.5	36.6	32.3	-17.4
Motor vehicle accidents	18.9	19.2	17.5	21.1	21.2	17.7	14.2	11.2	11.5	12.4	12.1	-36.1
Other	20.2	19.1	18.0	19.1	23.6	21.0	20.2	21.5	22.0	4.3	20.2	0.1
Intentional self-harm (suicide)	18.0	17.9	16.2	16.8	16.2	18.0	16.4	13.6	17.7	18.1	17.0	-5.5
Malignant neoplasms	16.2	14.7	16.0	11.8	13.5	12.9	14.2	15.6	13.3	13.5	14.1	-12.9
Assault (homicide)	15.6	14.8	15.2	14.9	15.1	14.3	13.2	9.7	11.0	10.0	9.5	-39.1
Diseases of heart	11.8	11.0	10.6	11.9	10.0	9.9	8.9	8.7	8.0	9.6	9.5	-19.1
ALL CAUSES	145.4	140.2	132.2	133.0	139.3	129.8	113.6	113.0	119.7	120.3	118.8	-18.3
(Number of all deaths)	(2494)	(2477)	(2426)	(2532)	(2640)	(2511)	(2239)	(2203)	(2203)	(2232)	(2215)	-11.2
RURAL												
Accidents (unintentional injuries)	63.2	75.5	58.9	72.0	66.9	73.2	57.1	64.7	63.9	71.9	74.4	17.7
Motor vehicle accidents	37.9	48.1	38.4	44.2	42.4	40.5	28.0	29.4	27.0	33.0	31.7	-16.3
Other	25.3	27.4	20.5	27.8	24.5	32.7	29.2	35.4	36.9	10.3	42.7	68.6
Intentional self-harm (suicide)	26.0	26.8	29.5	26.8	25.5	25.6	20.4	29.1	30.2	37.6	32.4	24.8
Malignant neoplasms	22.8	17.2	15.9	17.8	14.0	16.1	12.5	15.9	13.8	12.0	19.0	17.5
Assault (homicide)	11.9	11.3	9.9	12.6	11.2	12.7	14.6	7.8	16.0	12.8	14.8	24.5
Diseases of heart	16.2	16.8	14.2	10.0	15.0	15.1	9.4	15.0	9.6	16.7	14.5	-36.6
ALL CAUSES	212.2	217.3	194.3	189.9	196.9	188.1	174.2	191.6	203.7	210.2	233.4	10.0
(Number of all deaths)	(604)	(633)	(587)	(588)	(618)	(609)	(590)	(662)	(574)	(593)	(662)	9.6
STATEWIDE												
Accidents (unintentional injuries)	42.5	43.5	38.8	44.6	47.9	43.6	38.0	37.8	37.8	41.9	38.2	-10.2
Motor vehicle accidents	21.6	23.3	20.5	24.3	24.2	21.0	16.3	14.1	13.7	15.2	14.9	-31.2
Other	20.9	20.2	18.3	20.3	23.7	22.6	21.7	23.7	24.1	5.5	23.3	11.6
Intentional self-harm (suicide)	19.1	19.2	18.1	18.2	17.6	19.1	15.0	17.5	19.4	20.9	19.1	-0.1
Malignant neoplasms	17.1	15.0	16.0	12.6	13.6	13.3	9.7	13.9	13.4	13.3	14.9	-13.1
Diseases of heart	12.4	11.8	11.1	11.7	10.7	10.7	11.5	8.8	8.2	10.6	10.3	-17.0
Assault (homicide)	15.1	14.3	14.5	14.5	14.5	14.1	13.1	10.5	12.0	10.5	10.3	-31.5
ALL CAUSES	154.9	151.1	141.0	140.9	147.5	138.2	123.0	125.2	131.8	133.6	135.0	-12.8
(Number of all deaths)	(3099)	(3110)	(3013)	(3121)	(3258)	(3120)	(2829)	(2917)	(2796)	(2856)	(2900)	-6.4

Notes: ^a Rates are presented per 100,000 young adults 20-44 years old; ^b The five causes with the greatest number of deaths statewide over the 2002-2012 period; ^c Urban = Maricopa, Pima, Pinal, and Yuma counties; the remaining counties comprise Arizona's rural areas; see **Technical Notes** for more information; 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 2002-2012 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**.