

**TABLE 2C-16**  
**MORTALITY RATES<sup>1</sup> FOR THE FIVE LEADING CAUSES<sup>2</sup> OF DEATH AMONG YOUNG ADULTS (20-44 YEARS) BY GENDER,**  
**ARIZONA, 1998-2008**

Gender/Cause	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	% change from 1998
<b>MALE</b>												
Accidents (unintentional injuries)	78.9	70.5	57.3	72.5	61.8	63.3	54.8	63.2	69.2	60.6	44.5	-43.6
Motor vehicle accidents	38.9	34.1	30.2	34.5	30.7	33.6	27.8	34.2	34.5	29.2	23.4	-39.8
Other than motor vehicle	40.0	36.4	27.1	38.0	31.1	29.7	27.0	29.0	34.7	31.4	21.1	-47.3
Intentional self-harm (suicide)	38.6	30.4	28.3	21.7	31.3	30.2	28.3	28.3	27.4	30.3	22.1	-42.7
Assault (homicide)	28.4	24.7	20.0	25.9	25.6	22.9	23.7	24.7	24.2	22.8	18.9	-33.5
Diseases of heart	21.6	19.1	16.2	16.6	17.2	16.3	15.4	15.3	15.9	14.3	10.3	-52.3
Malignant neoplasms	21.5	18.6	15.7	15.9	15.7	14.2	14.0	11.9	11.0	11.3	12.6	-41.4
ALL CAUSES	253.5	221.9	213.0	217.1	211.8	204.3	189.4	191.8	199.6	184.7	167.9	-33.8
(Number of all deaths)	(2246)	(2048)	(2059)	(2172)	(2186)	(2169)	(2091)	(2185)	(2290)	(2166)	(2001)	-10.9
<b>FEMALE</b>												
Accidents (unintentional injuries)	24.4	23.4	16.7	22.0	21.9	22.5	21.8	24.9	25.0	25.2	13.9	-43.0
Motor vehicle accidents	15.5	14.0	10.1	10.5	12.0	12.2	12.7	13.8	13.1	12.2	7.6	-51.0
Other than motor vehicle	8.9	9.4	6.6	11.5	9.9	10.3	9.1	11.1	11.9	13.0	5.4	-39.3
Malignant neoplasms	25.0	21.0	21.0	21.2	18.7	15.9	18.2	13.4	16.4	15.5	12.8	-48.8
Intentional self-harm (suicide)	9.7	7.8	7.2	4.3	6.2	7.4	7.2	7.5	7.0	7.1	4.3	-55.7
Diseases of heart	8.2	7.5	6.2	7.6	7.3	7.0	6.6	7.8	5.0	6.7	4.0	-51.2
Assault (homicide)	7.1	7.3	4.5	6.2	3.9	5.1	4.5	3.7	4.0	4.7	2.9	-59.2
ALL CAUSES	113.6	99.5	96.3	95.5	94.3	94.5	89.2	87.1	91.2	87.9	69.5	-38.8
(Number of all deaths)	(972)	(881)	(874)	(897)	(913)	(941)	(922)	(936)	(968)	(954)	(828)	-14.8
<b>TOTAL</b>												
Accidents (unintentional injuries)	52.1	47.5	37.7	48.1	42.5	43.5	38.8	44.6	47.9	43.6	29.7	-43.0
Motor vehicle accidents	27.4	24.3	20.5	22.9	21.6	23.3	20.5	24.3	24.2	21.0	16.0	-41.6
Other than motor vehicle	24.7	23.2	17.2	25.2	20.9	20.2	18.3	20.3	23.7	22.6	13.7	-44.5
Intentional self-harm (suicide)	24.4	19.4	18.1	13.3	19.1	19.2	18.1	18.2	17.6	19.1	13.7	-43.9
Malignant neoplasms	22.9	19.8	18.3	18.5	17.1	15.0	16.0	12.6	13.6	13.3	13.1	-42.8
Assault (homicide)	18.0	16.2	12.5	16.3	15.1	14.3	14.5	14.5	14.5	14.1	11.3	-37.2
Diseases of heart	15.0	13.4	11.4	12.2	12.4	11.8	11.1	11.7	10.7	10.7	7.4	-50.7
ALL CAUSES	184.8	162.0	156.5	158.2	154.9	151.1	141.0	140.9	147.5	138.2	123.0	-33.4
(Number of all deaths)	(3218)	(2929)	(2933)	(3069)	(3099)	(3110)	(3013)	(3121)	(3258)	(3120)	(2829)	-12.1

<sup>1</sup>Rates are presented per 100,000 persons 20-44 years old.

<sup>2</sup>The five causes with the greatest number of deaths over the 1998-2008 period.

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 2000-2008 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*.