

TABLE 2C-16
MORTALITY RATES^a FOR THE SELECTED FIVE LEADING CAUSES^b OF DEATH AMONG YOUNG ADULTS (20-44 YEARS)
IN URBAN AND RURAL AREAS^c, ARIZONA, 2010-2020

Area/Cause	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	% change from 2010
URBAN												
Accidents (unintentional injuries)	33.5	36.6	32.3	35.4	33.8	40.1	43.9	49.0	55.2	60.6	82.6	146.6
Other	22.0	4.3	20.2	23.9	22.7	25.4	28.9	34.3	39.5	46.1	65.9	199.5
Motor vehicle accidents	11.5	12.4	12.1	11.5	11.1	14.7	15.1	14.8	15.7	14.5	16.7	45.2
Intentional self-harm (suicide)	17.7	18.1	17.0	18.3	16.8	19.0	18.4	19.7	20.6	21.3	20.5	15.8
Malignant neoplasms	13.3	13.5	14.1	15.3	12.7	13.1	13.5	13.0	13.5	12.6	13.7	3.0
Diseases of heart	8.0	9.6	9.5	9.3	9.7	10.1	8.3	10.3	9.2	10.2	13.3	66.3
Assault (homicide)	11.0	10.0	9.5	9.4	8.1	9.6	10.7	11.3	11.1	9.8	12.1	10.0
ALL CAUSES	119.7	120.3	118.8	130.1	126.2	131.9	137.1	140.7	148.0	156.5	206.2	72.3
(Number of all deaths)	(2,203)	(2,232)	(2,215)	(2,451)	(2,422)	(2,557)	(2,676)	(2,783)	(2,986)	(3,224)	(4,270)	93.8
RURAL												
Accidents (unintentional injuries)	63.9	71.9	74.4	74.9	61.2	78.6	77.9	75.3	81.3	80.9	116.3	82.0
Other	36.9	10.3	42.7	50.8	39.6	47.9	51.3	39.4	48.5	52.8	81.6	121.1
Motor vehicle accidents	27.0	33.0	31.7	24.2	21.7	30.8	26.7	36.0	32.8	28.1	34.7	28.5
Intentional self-harm (suicide)	30.2	37.6	32.4	33.6	32.3	32.1	33.5	40.1	43.5	35.0	42.5	40.7
Assault (homicide)	16.0	12.8	14.8	13.0	7.2	10.6	10.6	10.9	10.4	7.9	16.7	4.4
Diseases of heart	9.6	16.7	14.5	14.0	14.4	13.0	10.3	14.3	14.0	12.5	13.6	41.7
Malignant neoplasms	13.8	12.0	19.0	15.4	11.4	13.3	16.7	13.6	12.4	16.2	12.6	-8.7
ALL CAUSES	203.7	210.2	233.4	226.5	207.1	224.7	240.9	236.6	238.1	237.7	361.3	77.4
(Number of all deaths)	(574)	(593)	(662)	(647)	(602)	(657)	(705)	(697)	(712)	(720)	(1,063)	85.2
TOTAL												
Accidents (unintentional injuries)	37.8	41.9	38.2	41.0	38.2	46.1	49.4	53.6	59.0	64.0	87.7	132.0
Other	24.1	5.5	23.3	27.7	25.6	29.0	32.6	36.0	40.9	47.3	68.7	185.1
Motor vehicle accidents	13.7	15.2	14.9	13.3	12.6	17.1	16.8	17.6	18.1	16.7	19.1	39.4
Intentional self-harm (suicide)	19.4	20.9	19.1	20.5	19.1	20.9	20.6	22.6	23.6	23.1	23.3	20.1
Malignant neoplasms	13.4	13.3	14.9	15.3	12.6	13.2	13.9	13.2	13.5	13.0	13.5	0.7
Diseases of heart	8.2	10.6	10.3	10.0	10.4	10.5	8.6	10.9	9.9	10.6	13.4	63.4
Assault (homicide)	12.0	10.5	10.3	9.9	8.2	10.0	11.0	11.8	11.0	9.7	12.7	5.8
ALL CAUSES	131.8	133.6	135.0	143.5	138.6	146.6	153.3	155.9	160.9	168.2	227.3	72.5
(Number of all deaths)	(2,796)	(2,856)	(2,900)	(3,115)	(3,062)	(3,271)	(3,441)	(3,544)	(3,727)	(3,973)	(5,377)	92.3

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 2010-2020 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 2010-2020 are classified by ICD-10, replacing the Ninth Revision (ICD-9); 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**; although COVID-19 was among the 5 leading causes of death, it has been excluded in this table because the ICD-10 definition had not been identified until 2020, thus there is no data for years 2010-2019 and making it impossible to show a trend and a percent change.