

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, 2013-2023

Area/Cause	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change from 2013
URBAN												
Accidents (unintentional injuries)	35.4	33.8	40.1	43.9	49.0	55.2	60.6	82.6	89.0	78.8	77.3	118.4
Other	23.9	22.7	25.4	28.9	34.3	39.5	46.1	65.9	67.7	59.0	58.2	143.5
Motor vehicle accidents	11.5	11.1	14.7	15.1	14.8	15.7	14.5	16.7	21.3	19.8	19.1	66.1
Intentional self-harm (suicide)	18.3	16.8	19.0	18.4	19.7	20.6	21.3	20.5	22.2	21.4	21.5	17.5
Malignant neoplasms	15.3	12.7	13.1	13.5	13.0	13.5	12.6	13.7	14.6	14.2	12.4	-19.0
Assault (homicide)	9.4	8.1	9.6	10.7	11.3	11.1	9.8	12.1	14.3	14.4	11.7	24.5
Diseases of heart	9.3	9.7	10.1	8.3	10.3	9.2	10.1	13.3	12.1	10.5	9.1	-2.2
ALL CAUSES	130.1	126.2	131.9	137.1	140.7	148.0	156.5	206.2	237.6	195.7	181.6	39.6
(Number of all deaths)	(2,451)	(2,422)	(2,557)	(2,676)	(2,783)	(2,986)	(3,224)	(4,270)	(5,007)	(4,198)	(3,959)	61.5
RURAL												
Accidents (unintentional injuries)	74.9	61.2	78.6	77.9	75.3	81.3	80.9	116.3	129.0	128.5	118.7	58.5
Other	50.8	39.6	47.9	51.3	39.4	48.5	52.8	81.6	83.0	85.0	79.2	55.9
Motor vehicle accidents	24.2	21.7	30.8	26.7	36.0	32.8	28.1	34.7	46.0	43.5	39.4	62.8
Intentional self-harm (suicide)	33.6	32.3	32.1	33.5	40.1	43.5	35.0	42.5	54.1	56.8	49.6	47.6
Diseases of heart	14.0	14.4	13.0	10.3	14.3	14.0	12.5	13.6	15.5	13.0	17.1	22.1
Malignant neoplasms	15.4	11.4	13.3	16.7	13.6	12.4	16.2	12.6	18.1	17.9	14.8	-3.9
Assault (homicide)	13.0	7.2	10.6	10.6	10.9	10.4	7.9	16.7	14.4	17.9	13.8	6.2
ALL CAUSES	226.5	207.1	224.7	240.9	236.6	238.1	237.7	361.3	422.1	378.9	326.1	44.0
(Number of all deaths)	(647)	(602)	(657)	(705)	(697)	(712)	(720)	(1,063)	(1,256)	(1,141)	(992)	53.3
TOTAL												
Accidents (unintentional injuries)	41.0	38.2	46.1	49.4	53.6	59.0	64.0	87.7	95.1	86.6	83.5	103.7
Other	27.7	25.6	29.0	32.6	36.0	40.9	47.3	68.7	70.4	63.7	61.7	122.7
Motor vehicle accidents	13.3	12.6	17.1	16.8	17.6	18.1	16.7	19.1	24.7	22.9	21.8	63.9
Intentional self-harm (suicide)	20.5	19.1	20.9	20.6	22.6	23.6	23.1	23.3	26.4	26.0	25.0	22.0
Malignant neoplasms	15.3	12.6	13.2	13.9	13.2	13.5	13.0	13.5	15.1	14.7	12.7	-17.0
Assault (homicide)	9.9	8.2	10.0	11.0	11.8	11.0	9.7	12.7	14.4	15.0	12.0	21.2
Diseases of heart	10.0	10.4	10.5	8.6	10.9	9.9	10.6	13.4	12.6	11.0	10.1	1.0
ALL CAUSES	143.5	138.6	146.6	153.3	155.9	160.9	168.2	227.3	262.6	221.9	201.1	40.1
(Number of all deaths)	(3,115)	(3,062)	(3,271)	(3,441)	(3,544)	(3,727)	(3,973)	(5,377)	(6,316)	(5,427)	(4,995)	60.4

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 2013-2023 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 2013-2023 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 2013-2019 and making it impossible to show a trend and a percent change.