

**TABLE 2C-15  
MORTALITY RATES<sup>a</sup> FOR THE SELECTED FIVE LEADING CAUSES<sup>b</sup> OF DEATH AMONG YOUNG ADULTS (20-44 YEARS)  
BY GENDER, ARIZONA, 2012-2022**

Gender/Cause	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% change from 2012
<b>MALE</b>												
Accidents (unintentional injuries)	52.8	56.7	54.3	63.3	71.2	76.7	86.0	94.3	128.5	138.4	128.9	144.1
Other	31.2	38.0	35.9	38.6	46.9	52.6	59.9	70.2	100.9	105.0	96.5	209.3
Motor vehicle accidents	21.6	18.7	18.4	24.7	24.3	24.1	26.1	24.1	27.6	33.4	32.5	50.5
Intentional self-harm (suicide)	29.0	30.8	28.7	30.8	30.9	33.5	36.9	37.2	35.1	41.5	41.1	41.7
Assault (homicide)	16.1	16.1	13.3	16.6	17.8	19.4	17.9	15.0	20.3	23.2	24.0	49.1
Diseases of heart	13.5	14.2	14.0	13.6	12.0	14.7	13.3	14.8	18.9	17.4	15.6	15.6
Malignant neoplasms	12.3	13.4	11.2	13.0	11.3	12.0	10.9	12.0	12.6	14.1	14.6	18.7
ALL CAUSES	173.6	187.2	183.0	192.0	200.6	207.7	217.2	230.3	309.6	355.0	306.5	76.6
(Number of all deaths)	(1,910)	(2,082)	(2,071)	(2,191)	(2,304)	(2,421)	(2,588)	(2,799)	(3,763)	(4,386)	(3,851)	101.6
<b>FEMALE</b>												
Accidents (unintentional injuries)	22.8	24.5	21.3	28.2	26.6	29.3	30.5	32.0	44.6	49.4	41.9	83.8
Other	15.1	16.9	14.7	19.1	17.5	18.6	20.8	23.1	34.5	33.9	29.1	92.7
Motor vehicle accidents	7.7	7.6	6.6	9.1	9.0	10.7	9.7	8.9	10.1	15.6	12.8	66.2
Malignant neoplasms	17.6	17.4	14.0	13.5	16.7	14.5	16.2	14.1	14.5	16.2	14.9	-15.3
Intentional self-harm (suicide)	8.7	9.6	9.0	10.5	9.9	11.2	9.6	8.1	10.9	10.3	10.0	14.9
Diseases of heart	7.0	5.6	6.6	7.2	5.1	7.0	6.3	6.1	7.6	7.4	6.1	-12.9
Assault (homicide)	4.3	3.4	2.9	3.2	3.7	3.8	3.7	4.0	4.7	5.1	5.5	27.9
ALL CAUSES	94.5	97.7	91.9	99.0	103.8	101.4	101.2	102.4	140.4	165.0	132.5	40.2
(Number of all deaths)	(990)	(1,033)	(991)	(1,080)	(1,137)	(1,123)	(1,139)	(1,174)	(1,614)	(1,930)	(1,576)	59.2
<b>TOTAL</b>												
Accidents (unintentional injuries)	38.2	41.0	38.2	46.1	49.4	53.6	59.0	64.0	87.7	95.1	86.6	126.7
Other	23.3	27.7	25.6	29.0	32.6	36.0	40.9	47.3	68.7	70.4	63.7	173.4
Motor vehicle accidents	14.9	13.3	12.6	17.1	16.8	17.6	18.1	16.7	19.1	24.7	22.9	53.7
Intentional self-harm (suicide)	19.1	20.5	19.1	20.9	20.6	22.6	23.6	23.1	23.3	26.4	26.0	36.1
Assault (homicide)	10.3	9.9	8.2	10.0	11.0	11.8	11.0	9.7	12.7	14.4	15.0	45.6
Malignant neoplasms	14.9	15.3	12.6	13.2	13.9	13.2	13.5	13.0	13.5	15.1	14.7	-1.3
Diseases of heart	10.3	10.0	10.4	10.5	8.6	10.9	9.9	10.6	13.4	12.6	11.0	6.8
ALL CAUSES	135.0	143.5	138.6	146.6	153.3	155.9	160.9	168.2	227.3	262.6	221.9	64.4
(Number of all deaths)	(2,900)	(3,115)	(3,062)	(3,271)	(3,441)	(3,544)	(3,727)	(3,973)	(5,377)	(6,316)	(5,427)	87.1

Notes: <sup>a</sup> Rates are presented per 100,000 persons 20-44 years old; <sup>b</sup> The five causes with the greatest number of deaths over the 2012-2022 period; the cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10); the causes of death for 2012-2022 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 2012-2019 and making it impossible to show a trend and a percent change.