

**TABLE 2C-24  
MORTALITY RATES<sup>a</sup> FOR THE SELECTED FIVE LEADING CAUSES<sup>b</sup> OF DEATH AMONG ELDERLY (65 YEARS AND OLDER)  
IN URBAN AND RURAL AREAS<sup>c</sup>, ARIZONA, 2012-2022**

Area/Cause	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% change from 2012
<b>URBAN</b>												
Diseases of heart	891.8	862.3	781.0	830.2	835.5	839.1	829.2	822.4	893.4	885.1	871.8	-2.2
Malignant neoplasms	825.5	807.6	748.7	783.6	756.6	737.1	724.0	726.2	732.2	705.1	720.5	-12.7
Cerebrovascular diseases	192.8	180.1	172.6	198.1	197.5	193.8	203.2	197.2	218.6	211.4	215.5	11.8
Chronic lower respiratory diseases	288.9	286.3	267.8	292.0	285.8	265.3	257.5	238.0	235.6	215.1	214.0	-25.9
Alzheimer's disease	251.5	272.0	252.6	291.9	286.0	262.6	253.4	249.6	254.7	207.8	208.2	-17.2
ALL CAUSES	3740.3	3663.4	3615.6	3650.2	3624.7	3531.0	3568.4	3488.5	4238.3	4220.5	3918.1	4.8
(Number of all deaths)	(27,824)	(28,442)	(29,416)	(31,179)	(32,370)	(33,146)	(34,397)	(35,062)	(43,652)	(45,392)	(42,893)	54.2
<b>RURAL</b>												
Diseases of heart	912.5	919.1	834.0	935.2	947.2	940.3	900.8	819.6	950.5	929.5	913.5	0.1
Malignant neoplasms	802.6	847.8	764.5	810.8	828.2	792.5	794.6	788.7	803.9	777.9	780.8	-2.7
Chronic lower respiratory diseases	299.6	314.0	264.3	311.1	311.2	328.6	327.6	323.4	304.0	301.2	290.2	-3.1
Cerebrovascular diseases	171.9	164.1	157.9	195.8	204.0	193.6	196.1	187.2	202.0	206.8	198.9	15.7
Alzheimer's disease	130.2	117.2	118.7	184.1	211.9	218.2	211.3	190.6	218.6	174.1	181.2	39.2
ALL CAUSES	3590.0	3665.4	3558.1	3706.3	3771.9	3708.2	3634.9	3566.0	4435.0	4588.6	4079.2	13.6
(Number of all deaths)	(7,058)	(7,505)	(7,526)	(8,196)	(8,653)	(8,905)	(9,099)	(9,241)	(11,525)	(12,494)	(11,258)	59.5
<b>TOTAL</b>												
Diseases of heart	898.3	874.8	793.1	854.5	861.8	862.8	845.4	823.1	907.0	896.5	882.2	-1.8
Malignant neoplasms	821.8	816.9	752.6	790.7	773.8	750.7	739.9	740.1	747.7	721.2	733.8	-10.7
Chronic lower respiratory diseases	292.0	292.3	267.6	296.8	292.8	279.3	272.6	256.0	249.6	232.6	229.8	-21.3
Cerebrovascular diseases	188.6	176.9	169.6	197.8	199.2	194.4	202.3	195.6	215.5	211.2	212.7	12.8
Alzheimer's disease	226.4	239.8	225.4	270.0	271.5	254.2	245.3	238.0	247.7	201.3	203.0	-10.3
ALL CAUSES	3716.9	3667.5	3610.4	3671.5	3669.5	3579.6	3588.4	3511.9	4286.1	4304.7	3958.9	6.5
(Number of all deaths)	(34,958)	(35,983)	(37,010)	(39,480)	(41,189)	(42,199)	(43,572)	(44,398)	(55,283)	(58,019)	(54,266)	55.2

Notes: <sup>a</sup> Rates are presented per 100,000 elderly persons 65 years and older; <sup>b</sup> The five causes with the greatest number of deaths over the 2012-2022 period; <sup>c</sup> 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 2012-2021 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.