

**TABLE 2C-23  
MORTALITY RATES<sup>a</sup> FOR THE SELECTED FIVE LEADING CAUSES<sup>b</sup> OF DEATH AMONG ELDERLY (65 YEARS AND OLDER)  
BY GENDER, ARIZONA, 2012-2022**

Gender/Cause	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% change from 2012
<b>MALE</b>												
Diseases of heart	1022.2	1007.0	908.6	970.0	1003.2	1002.5	984.3	961.0	1062.8	1070.0	1044.3	2.2
Malignant neoplasms	992.6	958.6	899.1	931.7	927.9	893.5	901.1	875.4	888.7	854.8	861.0	-13.3
Chronic lower respiratory diseases	319.9	302.7	290.2	308.7	298.2	288.3	280.8	265.2	260.6	238.3	236.0	-26.2
Cerebrovascular diseases	165.5	151.8	144.4	182.3	176.8	178.6	187.1	181.4	205.2	199.2	198.0	19.6
Alzheimer's disease	171.4	174.3	168.1	203.2	207.5	193.7	177.1	175.9	182.6	143.6	149.1	-13.0
ALL CAUSES	3987.4	3904.2	3883.3	3975.4	4019.0	3892.3	3932.5	3858.4	4761.0	4859.7	4387.4	10.0
(Number of all deaths)	(17,101)	(17,489)	(18,292)	(19,665)	(20,781)	(21,144)	(22,030)	(22,480)	(28,258)	(30,125)	(27,660)	61.7
<b>FEMALE</b>												
Diseases of heart	794.5	763.7	694.9	756.2	741.0	743.4	726.4	705.3	774.3	748.7	744.2	-6.3
Malignant neoplasms	678.6	697.9	628.1	670.5	642.2	628.7	601.8	624.4	627.5	607.5	625.4	-7.8
Alzheimer's disease	272.5	294.8	274.2	3269.0	326.2	306.0	303.8	291.1	303.2	250.4	248.8	-8.7
Cerebrovascular diseases	208.0	198.1	191.1	210.5	218.4	208.0	215.3	207.8	224.3	221.5	225.3	8.3
Chronic lower respiratory diseases	268.6	283.6	248.3	286.8	288.1	271.7	265.6	248.2	240.3	227.8	224.5	-16.4
ALL CAUSES	3489.9	3468.6	3378.3	3412.6	3371.1	3312.5	3293.6	3215.7	3881.4	3832.1	3594.1	3.0
(Number of all deaths)	(17,855)	(18,494)	(18,718)	(19,815)	(20,408)	(21,055)	(21,542)	(21,918)	(27,025)	(27,894)	(26,606)	49.0
<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; 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); 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.