

TABLE 2C-24
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ELDERLY (65 YEARS AND OLDER) BY GENDER,
ARIZONA, 1999-2009

Gender/Cause	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	% change from 1999
MALE												
Diseases of heart	1406.8	1475.7	1378.0	1363.9	1335.3	1241.4	1238.7	1138.7	1079.2	1114.1	1073.3	-23.7
Malignant neoplasms	1118.4	1171.9	1091.2	1119.6	1126.0	1085.8	1068.2	1058.2	1020.4	1006.6	1017.3	-9.0
Chronic lower respiratory diseases	354.1	369.3	338.0	352.3	340.9	296.0	317.3	326.7	300.9	316.8	303.6	-14.3
Cerebrovascular diseases	297.3	309.9	277.0	269.4	248.9	242.2	224.9	195.2	168.6	188.9	182.8	-38.5
Alzheimer's disease	93.7	108.0	108.3	141.5	161.5	157.0	166.2	176.9	167.3	174.4	178.6	90.6
ALL CAUSES	4618.9	4761.6	4626.6	4663.4	4536.2	4338.0	4401.4	4282.4	4002.8	4095.0	4025.9	-12.8
(Number of all deaths)	(14141)	(14107)	(14182)	(14733)	(14744)	(14614)	(15385)	(15273)	(14981)	(15589)	(15462)	9.3
FEMALE												
Diseases of heart	1117.9	1165.3	1126.8	1101.9	1098.6	1028.8	1013.9	968.0	891.9	860.8	855.9	-23.4
Malignant neoplasms	771.2	814.6	781.9	734.5	757.2	731.8	721.8	713.1	696.4	691.1	701.6	-9.0
Alzheimer's disease	148.7	191.6	197.7	240.5	282.8	269.8	280.4	317.9	301.8	297.9	291.2	95.8
Chronic lower respiratory diseases	293.7	300.6	287.4	281.6	276.2	264.0	297.4	286.3	255.0	279.3	273.5	-6.9
Cerebrovascular diseases	312.5	376.0	337.9	337.4	316.2	311.8	286.9	258.7	246.8	229.2	218.5	-30.1
ALL CAUSES	3870.0	4095.0	3985.3	3991.9	3941.6	3796.9	3856.6	3828.7	3597.1	3544.8	3515.6	-9.2
(Number of all deaths)	(14799)	(15216)	(15322)	(15820)	(16070)	(15918)	(16778)	(16919)	(16601)	(16625)	(16636)	12.4
TOTAL												
Diseases of heart	1246.5	1303.0	1238.2	1218.1	1203.6	1123.5	1114.1	1044.8	975.7	974.3	953.3	-23.5
Malignant neoplasms	925.7	973.1	919.1	905.3	920.9	889.5	876.1	867.2	841.5	832.4	843.0	-8.9
Chronic lower respiratory diseases	320.5	331.1	309.8	313.0	304.9	278.3	306.3	304.3	275.6	296.1	287.0	-10.5
Alzheimer's disease	124.3	154.4	158.0	196.6	229.0	220.1	229.5	258.2	241.6	242.6	240.8	93.7
Cerebrovascular diseases	297.3	346.6	310.9	307.2	286.3	280.8	259.2	230.3	211.8	211.1	202.5	-31.9
ALL CAUSES	4203.4	4390.7	4269.8	4289.8	4205.5	4038.0	4099.3	4031.3	3778.8	3791.3	3744.2	-10.9
(Number of all deaths)	(28940)	(29323)	(29504)	(30553)	(30815)	(30532)	(32163)	(32192)	(31852)	(32214)	(32098)	10.9

¹Rates are presented per 100,000 elderly persons 65 years and older.

²The five causes with the greatest number of deaths over the 1999-2009 period. In 1999-2009, Alzheimer's disease (5,526 deaths) replaced influenza and pneumonia (5,178 deaths) as the 5th leading cause of death among elderly males 65 years or older.

Note: The cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10). The causes of death for 2000-2009 are classified by ICD-10, replacing the Ninth Revision (ICD-9) used during 1979-1999. The rates for both Alzheimer's disease and influenza and pneumonia for 1999 are comparability modified and represent the annual number of deaths per 100,000 persons 65+ that would have been classified as influenza and pneumonia, had the ICD-10 classification system and coding rules been in place. The comparability ratio for influenza and pneumonia is 0.6982, a decrease of about 30.2 percent due to ICD-10. The comparability ratio for Alzheimer's disease is 1.5536, a 55.4 percent increase due to ICD-10. The comparability ratios for other causes of death in the above table are equal to 1.0.