

TABLE 2C-24
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ELDERLY (65 YEARS AND OLDER) BY GENDER,
ARIZONA, 1998-2008

Gender/Cause	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	% change from 1998
MALE												
Diseases of heart	1449.3	1406.8	1475.7	1378.0	1363.9	1335.3	1241.4	1238.7	1138.7	1079.2	1114.1	-23.2
Malignant neoplasms	1114.2	1118.4	1171.9	1091.2	1119.6	1126.0	1085.8	1068.2	1058.2	1020.4	1006.6	-9.7
Chronic lower respiratory diseases	364.4	354.1	369.3	338.0	352.3	340.9	296.0	317.3	326.7	300.9	316.8	-13.1
Cerebrovascular diseases	285.9	297.3	309.9	277.0	269.4	248.9	242.2	224.9	195.2	168.6	188.9	-33.9
Influenza and pneumonia	147.0	166.7	161.7	145.8	150.0	161.5	139.8	140.8	127.3	93.0	106.7	-27.4
ALL CAUSES	4603.3	4618.9	4761.6	4626.6	4663.4	4536.2	4338.0	4401.4	4282.4	4002.8	4095.0	-11.0
(Number of all deaths)	(13492)	(14141)	(14107)	(14182)	(14733)	(14744)	(14614)	(15385)	(15273)	(14981)	(15589)	15.5
FEMALE												
Diseases of heart	1154.1	1117.9	1165.3	1126.8	1101.9	1098.6	1028.8	1013.9	968.0	891.9	860.8	-25.4
Malignant neoplasms	765.5	771.2	814.6	781.9	734.5	757.2	731.8	721.8	713.1	696.4	691.1	-9.7
Cerebrovascular diseases	353.2	312.5	376.0	337.9	337.4	316.2	311.8	286.9	258.7	246.8	229.2	-35.1
Chronic lower respiratory diseases	282.7	293.7	300.6	287.4	281.6	276.2	264.0	297.4	286.3	255.0	279.3	-1.2
Alzheimer's disease	141.2	148.7	191.6	197.7	240.5	282.8	269.8	280.4	317.9	301.8	297.9	111.0
ALL CAUSES	3862.6	3870.0	4095.0	3985.3	3991.9	3941.6	3796.9	3856.6	3828.7	3597.1	3544.8	-8.2
(Number of all deaths)	(14194)	(14799)	(15216)	(15322)	(15820)	(16070)	(15918)	(16778)	(16919)	(16601)	(16625)	17.1
TOTAL												
Diseases of heart	1285.1	1246.5	1303.0	1238.2	1218.1	1203.6	1123.5	1114.1	1044.8	975.7	974.3	-24.2
Malignant neoplasms	920.2	925.7	973.1	919.1	905.3	920.9	889.5	876.1	867.2	841.5	832.4	-9.5
Cerebrovascular diseases	323.3	297.3	346.6	310.9	307.2	286.3	280.8	259.2	230.3	211.8	211.1	-34.7
Chronic lower respiratory diseases	319.0	320.5	331.1	309.8	313.0	304.9	278.3	306.3	304.3	275.6	296.1	-7.2
Alzheimer's disease	118.2	124.3	154.4	158.0	196.6	229.0	220.1	229.5	258.2	241.6	242.6	105.2
ALL CAUSES	4191.1	4203.4	4390.7	4269.8	4289.8	4205.5	4038.0	4099.3	4031.3	3778.8	3791.3	-9.5
(Number of all deaths)	(27686)	(28940)	(29323)	(29504)	(30553)	(30815)	(30532)	(32163)	(32192)	(31852)	(32214)	16.4

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

²The five causes with the greatest number of deaths over the 1998-2008 period. In 1998-2008, Alzheimer's disease (deaths) replaced influenza and pneumonia (deaths) as the 5th leading cause of death among females and both genders but not 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 2000-2008 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 1998-1999 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.