

**TABLE 2C-24**  
**MORTALITY RATES<sup>1</sup> FOR THE FIVE LEADING CAUSES<sup>2</sup> OF DEATH AMONG ELDERLY**  
**(65 years and older) BY GENDER, ARIZONA, 1990-2000**

Area/Cause	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	% change from 1990
<b>MALE</b>												
Diseases of heart	1759.5	1675.0	1755.2	1861.0	1810.0	1640.9	1515.7	1430.8	1449.3	1406.8	1475.7	-16.1
Malignant neoplasms	1277.2	1323.0	1348.5	1357.0	1401.5	1242.9	1204.3	988.8	1114.2	1118.4	1171.9	-8.2
Chronic lower respiratory diseases	308.8	385.5	364.4	422.0	390.2	357.51	340.6	368.2	364.4	354.1	369.3	19.6
Cerebrovascular disease	351.8	297.9	312.1	306.4	339.9	300.4	304.6	295.5	285.9	297.3	309.9	-11.9
Influenza and pneumonia	253.2 (NA)	228.3 (NA)	208.8 (NA)	244.3 (NA)	208.0 145.2	194.1 135.5	199.2 139.1	172.3 120.3	210.5 147.0	238.8 166.7	161.7	*-3.0
ALL CAUSES	4981.7	4944.5	5167.8	5360.8	5352.4	4846.0	4671.4	4593.8	4603.3	4618.9	4761.6	-4.4
(Number of all deaths)	(10,309)	(10,506)	(11,259)	(11,828)	(12,015)	(12,309)	(12,781)	(13,013)	(13,492)	(14,141)	(14,107)	(36.8)
<b>FEMALE</b>												
Diseases of heart	1319.9	1275.8	1333.0	1396.7	1366.0	1270.1	1199.8	1191.1	1154.1	1117.9	1165.3	-11.7
Malignant neoplasms	811.5	794.7	823.9	836.3	854.7	794.7	803.2	788.3	765.5	771.2	814.6	0.4
Cerebrovascular disease	339.9	337.9	320.4	376.7	370.3	360.3	362.8	378.9	353.2	312.5	376.0	10.6
Chronic lower respiratory diseases	223.3	216.9	224.0	254.7	247.8	260.3	272.9	278.8	282.7	293.7	300.6	34.6
Influenza and pneumonia	197.2 (NA)	189.2 (NA)	169.5 (NA)	192.7 (NA)	178.2 124.4	157.3 109.8	163.5 114.2	164.9 115.1	181.0 126.4	193.5 135.1	147.5	*9.2
ALL CAUSES	3673.9	3661.6	3768.8	4006.8	4036.7	3831.8	3883.2	3889.0	3862.6	3870.0	4095.0	11.5
(Number of all deaths)	(9,987)	(10,220)	(10,786)	(11,891)	(12,252)	(12,719)	(13,348)	(13,824)	(14,194)	(14,799)	(15,216)	(52.4)
<b>TOTAL</b>												
Diseases of heart	1509.9	1448.4	1515.5	1594.7	1554.8	1427.5	1339.8	1297.4	1285.1	1246.5	1303.0	-13.7
Malignant neoplasms	1012.8	1023.0	1050.7	1058.7	1087.1	989.0	981.0	877.2	920.2	925.7	973.1	-3.9
Cerebrovascular disease	326.5	320.6	316.8	346.7	357.4	334.3	337.1	341.9	323.3	297.3	346.6	6.2
Chronic lower respiratory diseases	278.8	289.3	284.7	326.0	308.3	302.4	302.9	318.4	319.0	320.5	331.1	18.8
Influenza and pneumonia	221.4 (NA)	206.1 (NA)	186.5 (NA)	214.7 (NA)	190.9 133.3	173.2 120.9	179.3 152.2	168.1 117.4	194.1 135.5	213.6 149.1	153.8	*3.2
ALL CAUSES	4239.2	4216.1	4373.5	4584.2	4596.1	4271.5	4232.5	4201.6	4191.1	4203.4	4390.7	3.6
(Number of all deaths)	(20,296)	(20,726)	(22,045)	(23,719)	(24,267)	(25,028)	(26,129)	(26,837)	(27,686)	(28,940)	(29,323)	(44.5)

<sup>1</sup> Rates are presented per 100,000 persons 65 years and older.

<sup>2</sup> The five causes with the greatest number of deaths over the 1990-2000 period.

\* Percent change from 1999.

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 are classified by ICD-10, replacing the Ninth Revision (ICD-9) used during 1979-1999. The numbers in parentheses present **comparability modified data**: the annual number of deaths for 1994-1999 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 ratios for other causes of death in the above table are equal to 1.0. NA: comparability ratio is not available for years before 1994.