

TABLE 2C-25
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ELDERLY
(65 years and older) IN URBAN AND RURAL AREAS³, ARIZONA, 1990-2000

Area/Cause	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	% change from 1990
URBAN												
Diseases of heart	1529.7	1477.2	1537.8	1640.9	1599.4	1463.7	1378.4	1319.1	1291.4	1295.9	1333.1	-12.9
Malignant neoplasms	1025.9	1045.5	1063.4	1093.6	1118.7	997.5	992.2	883.1	918.9	931.6	977.7	-4.7
Cerebrovascular disease	338.3	315.3	326.2	362.0	367.5	343.0	350.5	351.9	329.1	308.5	352.4	4.2
Chronic lower respiratory disease	287.4	289.4	286.5	326.4	314.8	310.1	304.0	327.8	322.3	328.4	340.6	18.5
Influenza and pneumonia	222.6 (NA)	206.3 (NA)	191.5 (NA)	210.3 (NA)	191.5 133.7	170.0 118.7	187.0 130.6	166.8 116.5	190.2 132.8	212.3 148.2	153.7	*3.7
ALL CAUSES	4283.9	4248.4	4412.0	4696.5	4713.4	4338.2	4342.3	4251.5	4202.3	4277.2	4447.4	3.8
(Number of all deaths)	(15,918)	(16,209)	(17,260)	(18,604)	(19,866)	(20,311)	(21,409)	(21,687)	(22,179)	(23,447)	(23,753)	(49.2)
RURAL												
Diseases of heart	1441.3	1348.3	1438.1	1443.8	1378.3	1300.2	1186.6	1211.3	1258.3	1052.9	1180.6	-18.1
Malignant neoplasms	967.4	944.9	1006.6	944.9	962.4	955.4	936.4	853.6	923.9	902.6	954.0	-1.4
Cerebrovascular disease	285.5	338.9	284.4	296.8	317.3	299.8	284.0	302.4	300.4	253.6	323.7	13.4
Chronic lower respiratory disease	249.1	288.9	278.2	324.9	282.6	271.8	298.5	281.4	305.7	289.9	293.1	17.7
Influenza and pneumonia	217.4 (NA)	288.9 (NA)	169.2 (NA)	229.2 (NA)	188.7 131.8	186.0 129.9	148.8 103.9	173.4 121.1	207.8 145.1	218.7 152.7	154.0	*0.9
ALL CAUSES	4084.3	4104.1	4240.0	4217.5	4132.0	4006.0	3797.1	4003.8	4140.7	3911.7	4160.1	1.9
(Number of all deaths)	(4,378)	(4,517)	(4,785)	(5,115)	(4,401)	(4,717)	(4,720)	(5,150)	(5,499)	(5,491)	(5,564)	(27.1)
STATEWIDE												
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	302.6	316.8	346.7	357.4	334.3	337.1	341.9	323.3	297.3	346.6	6.2
Chronic lower respiratory disease	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)	(20,276)	(20,726)	(22,045)	(23,719)	(24,267)	(25,028)	(26,129)	(26,837)	(27,686)	(28,940)	(29,323)	(44.5)

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

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

³ Prior to 1990, Maricopa and Pima Counties were delineated as urbanized areas in Arizona. Beginning in 1990, Yuma County, and in 1993, Pinal County, meet the criteria and were classified as urban. The remaining counties comprise Arizona's rural areas.

* 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.