

TABLE 2C-25
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ELDERLY (65 YEARS AND OLDER)
IN URBAN AND RURAL AREAS³, ARIZONA, 1998-2008

Area/Cause	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	% change from 1998
URBAN												
Diseases of heart	1291.4	1295.9	1333.1	1273.8	1245.9	1217.0	1130.1	1110.7	1055.0	983.1	971.9	-24.7
Malignant neoplasms	918.9	931.6	977.7	915.3	906.5	907.5	869.3	863.6	854.5	834.1	817.9	-11.0
Cerebrovascular diseases	329.1	308.5	352.4	315.5	313.7	289.5	287.8	257.3	234.6	211.3	206.4	-37.3
Chronic lower respiratory diseases	322.3	328.4	340.6	320.7	316.5	303.4	278.9	309.3	303.2	271.8	289.2	-10.3
Alzheimer's disease	119.2	132.9	164.4	169.8	208.6	235.7	232.9	244.6	270.7	262.4	261.3	119.2
ALL CAUSES	4202.3	4277.2	4447.4	4292.7	4314.8	4192.3	4021.7	4083.4	4053.0	3792.4	3765.0	-10.4
(Number of all deaths)	(22179)	(23447)	(23753)	(23758)	(24619)	(24633)	(24384)	(25740)	(25585)	(25143)	(25374)	14.4
RURAL												
Diseases of heart	1258.3	1052.9	1180.6	1094.2	1106.2	1146.3	1094.8	1127.8	1006.1	946.3	979.3	-22.2
Malignant neoplasms	923.9	902.6	954.0	933.5	900.1	974.1	966.6	927.4	915.2	868.7	883.7	-4.4
Cerebrovascular diseases	300.4	253.6	323.7	292.3	281.0	272.1	251.7	267.2	214.0	213.6	228.2	-24.0
Chronic lower respiratory diseases	305.7	289.9	293.1	266.1	297.9	310.0	275.7	293.8	308.5	290.0	322.1	5.4
Influenza and pneumonia	145.1	152.7	154.0	125.8	146.1	175.7	137.5	142.0	107.0	101.9	116.1	-20.0
ALL CAUSES	4140.7	3911.7	4160.1	4123.0	4185.5	4249.8	4093.4	4164.3	3949.5	3723.8	3863.1	-6.7
(Number of all deaths)	(5499)	(5491)	(5564)	(5671)	(5929)	(6169)	(6132)	(6421)	(6607)	(6434)	(6789)	23.5
STATEWIDE												
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	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 Arizonans 65 years or older statewide and in the urban areas.

³Urban = Maricopa, Pima, Pinal, and Yuma counties. The remaining counties comprise Arizona's rural areas. See **Technical Notes** for more information.

Note: Records with unknown county of residence are included in the statewide totals, but are not distributed by urban/rural area. 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. Measures of comparison between ICD-9 and ICD-10 – the "comparability ratios" – for the causes of death shown in this report are provided in the **Technical Notes**.