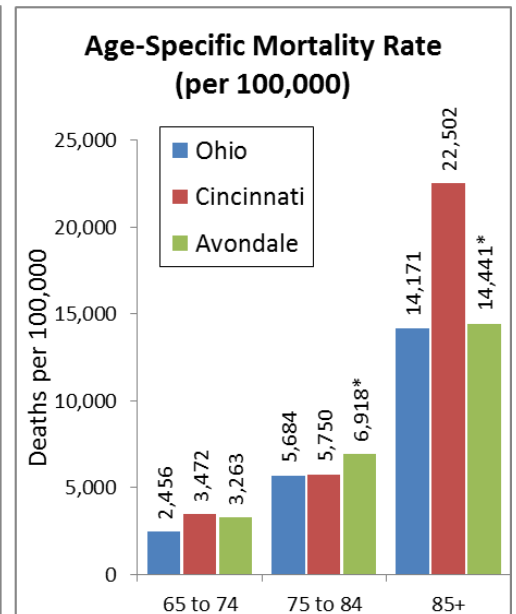
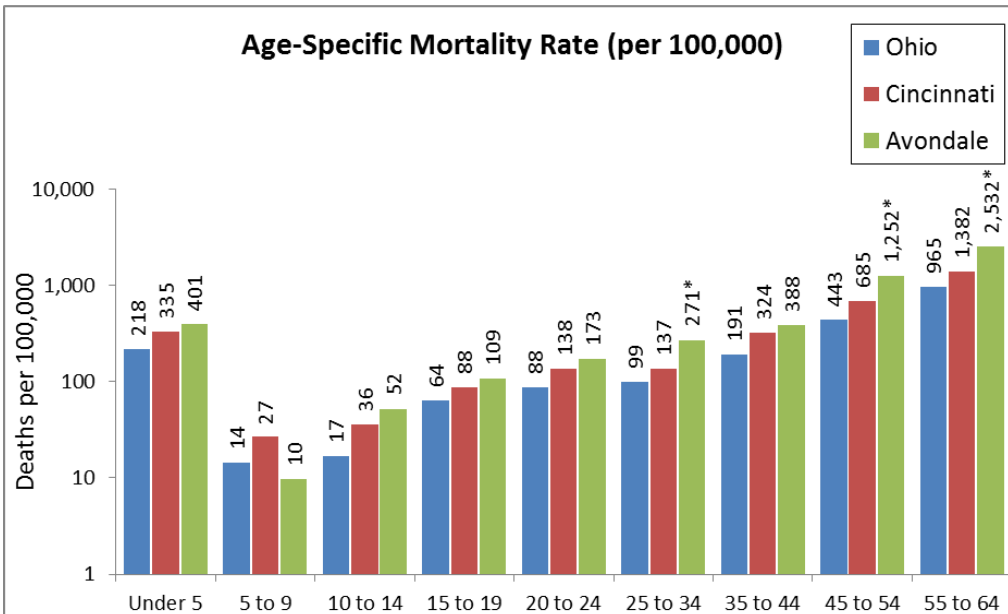
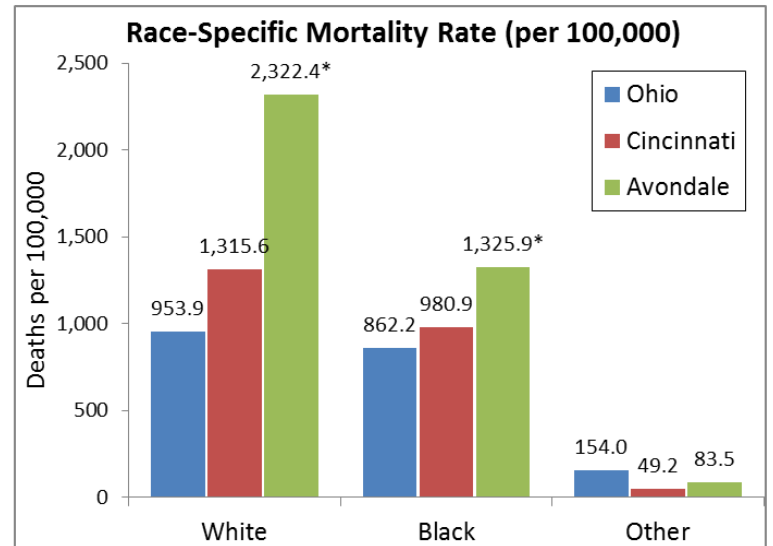
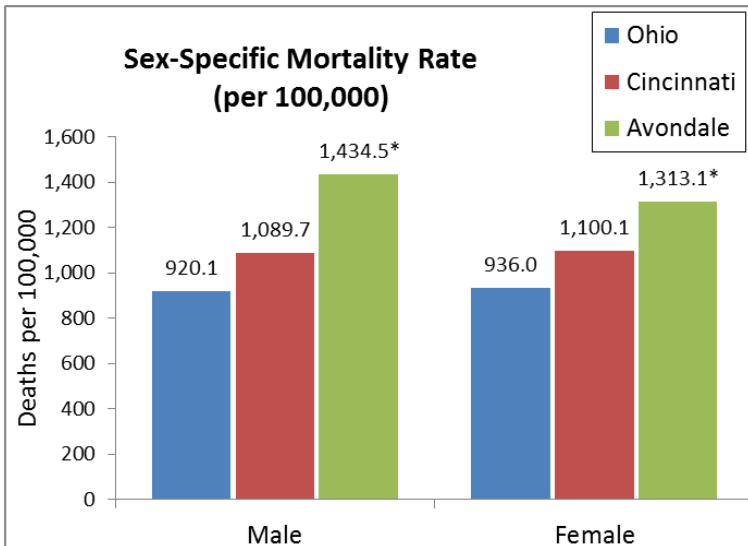
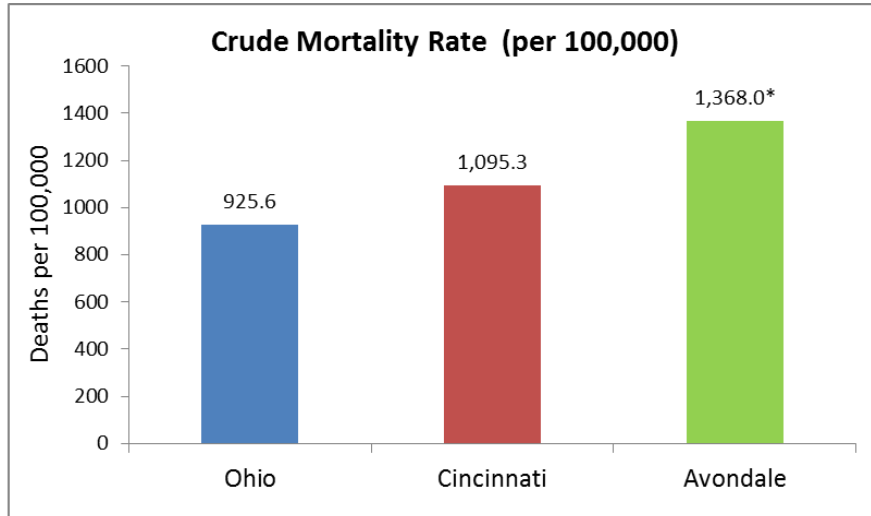


Mortality Rates: Overall; Sex, Race, Age-Specific



* Denotes significant difference from City of Cincinnati at p < 0.05

Mortality Profile by Cause of Death*

CAUSE OF DEATH*	Avondale Deaths 2001-2007	Avondale Deaths per Year	Avondale Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Major cardiovascular diseases ^	384	54.9	337.38	265.16	1.27	3.04E-06
All other forms of chronic ischemic heart disease ~	153	21.9	134.43	100.95	1.33	4.97E-04
Acute myocardial infarction ~	71	10.1	62.38	52.07	1.20	0.139
All other forms of heart disease~	68	9.7	59.74	48.59	1.23	0.092
Hypertensive heart disease ~	45	6.4	39.54	24.49	1.61	0.002
Heart failure	24	3.4	21.09	21.91	0.96	0.952
Atherosclerotic cardiovascular disease, so described	12	1.7	10.54	11.73	0.90	0.843
Hypertensive heart and renal disease	6	0.9	5.27	2.14	2.47	0.046
Acute and subacute endocarditis	3	0.4	2.64	1.04	2.53	0.169
Acute rheumatic fever and chronic rheumatic heart diseases	1	0.1	0.88	1.39	0.63	1.000
Diseases of pericardium and acute myocarditis	1	0.1	0.88	0.45	1.96	0.639
Malignant neoplasms ^	341	48.7	299.60	230.78	1.30	2.04E-06
Malignant neoplasms of trachea, bronchus and lung ~	109	15.6	95.77	70.85	1.35	0.002
Malignant neoplasms of colon, rectum and anus	43	6.1	37.78	23.60	1.60	0.003
All other and unspecified malignant neoplasms ~	33	4.7	28.99	26.33	1.10	0.647
Malignant neoplasm of prostate	29	4.1	25.48	12.52	2.04	3.92E-04
Malignant neoplasm of breast	23	3.3	20.21	19.38	1.04	0.923
Malignant neoplasm of pancreas	18	2.6	15.81	10.68	1.48	0.129
Malignant neoplasms of lip, oral cavity and pharynx	12	1.7	10.54	3.68	2.87	0.001
Malignant neoplasms of liver and intrahepatic bile ducts	12	1.7	10.54	6.46	1.63	0.104
Malignant neoplasm of esophagus	9	1.3	7.91	6.21	1.27	0.529
Leukemia	8	1.1	7.03	6.16	1.14	0.852
Malignant neoplasm of bladder	8	1.1	7.03	4.97	1.41	0.331
Malignant neoplasms of kidney and renal pelvis	7	1.0	6.15	4.62	1.33	0.430
Malignant neoplasm of larynx	6	0.9	5.27	2.04	2.59	0.038
Malignant neoplasm of cervix uteri	5	0.7	4.39	1.79	2.46	0.072
Malignant neoplasm of stomach	5	0.7	4.39	4.97	0.88	0.999
Malignant neoplasms of corpus uteri and uterus,	4	0.6	3.51	3.63	0.97	1.000
Multiple myeloma and immunoproliferative neoplasms	4	0.6	3.51	5.51	0.64	0.483
Non-Hodgkin's lymphoma	3	0.4	2.64	6.51	0.40	0.115
Malignant neoplasms of meninges, brain and other parts	2	0.3	1.76	3.68	0.48	0.408
Malignant neoplasm of ovary	1	0.1	0.88	4.67	0.19	0.056

*According to NCHS 50 leading cause of death categories and NCHS 113 cause of death groupings

^ Top ten cause of death category for City of Cincinnati (NCHS 50 leading cause of death rankings)

~ Top ten specific cause of death for City of Cincinnati (NCHS 113 cause of death groupings)

**SMR: Standardized Mortality Ratio – ratio of neighborhood rate to City of Cincinnati rate

Significantly greater than City of Cincinnati for $p < 0.05$

Cincinnati Health Department
Neighborhood Mortality Profile
Avondale: 2001 - 2007

CAUSE OF DEATH*	Avondale Deaths 2001-2007	Avondale Deaths per Year	Avondale Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Other ^	232	33.1	203.84	163.06	1.25	0.001
All other diseases (Residual)	186	26.6	163.42	122.52	1.33	1.14E-04
Other diseases of respiratory system	14	2.0	12.30	10.93	1.13	0.790
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	14	2.0	12.30	13.36	0.92	0.881
Other diseases of arteries, arterioles and capillaries	10	1.4	8.79	6.06	1.45	0.298
Other and unspecified infectious and parasitic diseases	3	0.4	2.64	3.13	0.84	1.000
Certain other intestinal infections	2	0.3	1.76	3.33	0.53	0.525
Other disorders of circulatory system	2	0.3	1.76	2.78	0.63	0.759
Other and unspecified events of undetermined intent and their sequelae	1	0.1	0.88	0.94	0.93	1.000
Cerebrovascular diseases ^~	91	13.0	79.95	71.05	1.13	0.277
Diabetes mellitus ^~	82	11.7	72.05	44.76	1.61	4.45E-05
Chronic lower respiratory diseases ^	53	7.6	46.57	56.14	0.83	0.175
Other chronic lower respiratory diseases ~	42	6.0	36.90	47.30	0.78	0.104
Asthma	6	0.9	5.27	3.23	1.63	0.220
Emphysema	5	0.7	4.39	4.92	0.89	1.000
Accidents (unintentional injuries) ^	50	7.1	43.93	42.58	1.03	0.900
Motor vehicle accidents	13	1.9	11.42	9.79	1.17	0.618
Other and unspecified nontransport accidents and their sequelae	13	1.9	11.42	7.60	1.50	0.209
Accidental poisoning and exposure to noxious substances	12	1.7	10.54	12.32	0.86	0.701
Falls	8	1.1	7.03	9.39	0.75	0.507
Accidental exposure to smoke, fire and flames	3	0.4	2.64	1.44	1.83	0.291
Accidental drowning and submersion	1	0.1	0.88	1.04	0.84	1.000
Nephritis, nephrotic syndrome and nephrosis ^	43	6.1	37.78	23.20	1.63	0.002
Renal failure	42	6.0	36.90	22.56	1.64	0.003
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	1	0.1	0.88	0.50	1.77	0.670
Septicemia	35	5.0	30.75	17.39	1.77	0.001
Assault (homicide)	34	4.9	29.87	19.08	1.57	0.013
Assault (homicide) by discharge of firearms	27	3.9	23.72	14.71	1.61	0.020
Assault (homicide) by other and unspecified means and their sequelae	7	1.0	6.15	4.37	1.41	0.449
Essential (primary) hypertension and hypertensive renal disease	31	4.4	27.24	14.31	1.90	0.001

*According to NCHS 50 leading cause of death categories and NCHS 113 cause of death groupings

^ Top ten cause of death category for City of Cincinnati (NCHS 50 leading cause of death rankings)

~ Top ten specific cause of death for City of Cincinnati (NCHS 113 cause of death groupings)

**SMR: Standardized Mortality Ratio – ratio of neighborhood rate to City of Cincinnati rate

Significantly greater than City of Cincinnati for $p < 0.05$

Cincinnati Health Department
Neighborhood Mortality Profile
Avondale: 2001 - 2007

CAUSE OF DEATH*	Avondale Deaths 2001-2007	Avondale Deaths per Year	Avondale Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Influenza and pneumonia ^	29	4.1	25.48	21.86	1.17	0.477
Pneumonia	29	4.1	25.48	21.61	1.18	0.390
Alzheimer's disease ^~	24	3.4	21.09	29.76	0.71	0.087
Pneumonitis due to solids and liquids	21	3.0	18.45	9.69	1.90	0.006
Certain conditions originating in the perinatal period	20	2.9	17.57	13.81	1.27	0.267
Chronic liver disease and cirrhosis	14	2.0	86.10	10.98	7.84	0.780
Other chronic liver disease and cirrhosis	9	1.3	55.35	5.51	10.04	0.399
Alcoholic liver disease	5	0.7	30.75	5.47	5.63	0.811
Other diseases of circulatory system	13	1.9	79.95	6.51	12.28	0.075
Human immunodeficiency virus (HIV) disease	9	1.3	55.35	5.96	9.28	0.368
Intentional self-harm (suicide)	9	1.3	55.35	11.63	4.76	0.287
Intentional self-harm (suicide) by other and unspecified means and their sequelae	6	0.9	36.90	6.56	5.63	0.754
Intentional self-harm (suicide) by discharge of firearms	3	0.4	18.45	5.07	3.64	0.330
Anemias	8	1.1	49.20	3.18	15.47	0.036
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	7	1.0	43.05	6.21	6.93	1.000
Atherosclerosis	5	0.7	30.75	2.34	13.17	0.284
Congenital malformations, deformations and chromosome abnormalities	5	0.7	30.75	6.66	4.62	0.450
Nutritional deficiencies	4	0.6	24.60	1.64	15.00	0.155
Malnutrition	2	0.3	12.30	1.49	8.25	0.894
Other nutritional deficiencies	2	0.3	12.30	0.15	82.53	0.018
Parkinson's disease	4	0.6	24.60	7.20	3.41	0.165
Complications of medical and surgical care	2	0.3	12.30	1.24	9.90	0.970
Viral hepatitis	2	0.3	12.30	1.99	6.19	1.000
Hernia	1	0.1	6.15	0.75	8.25	0.751
Meningitis	1	0.1	6.15	0.45	13.75	0.639
Peptic ulcer	1	0.1	6.15	2.19	2.81	0.562
Pneumoconioses and chemical effects	1	0.1	6.15	0.35	17.68	0.558
Tuberculosis	1	0.1	6.15	0.50	12.38	0.670
Respiratory tuberculosis	1	0.1	6.15	0.40	15.47	0.602

*According to NCHS 50 leading cause of death categories and NCHS 113 cause of death groupings

^ Top ten cause of death category for City of Cincinnati (NCHS 50 leading cause of death rankings)

~ Top ten specific cause of death for City of Cincinnati (NCHS 113 cause of death groupings)

**SMR: Standardized Mortality Ratio – ratio of neighborhood rate to City of Cincinnati rate

Significantly greater than City of Cincinnati for p < 0.05

Mortality Profile: Neighborhood Rates Higher than City of Cincinnati Rates

CAUSE OF DEATH*	Avondale Deaths per Year	Avondale Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Accidental exposure to smoke, fire and flames	0.4	18.45	10.09	1.83	0.291
Acute and subacute endocarditis	0.4	18.45	7.30	2.53	0.169
Acute myocardial infarction	10.1	436.66	364.47	1.20	0.139
All other and unspecified malignant neoplasms	4.7	202.96	184.32	1.10	0.647
All other diseases (Residual)	26.6	1143.94	857.62	1.33	1.14E-04
All other forms of chronic ischemic heart disease	21.9	940.98	706.68	1.33	4.97E-04
All other forms of heart disease	9.7	418.21	340.13	1.23	0.092
Anemias	1.1	49.20	22.26	2.21	0.036
Assault (homicide) by discharge of firearms	3.9	166.06	102.94	1.61	0.020
Assault (homicide) by other and unspecified means and their sequelae	1.0	43.05	30.60	1.41	0.449
Asthma	0.9	36.90	22.61	1.63	0.220
Atherosclerosis	0.7	30.75	16.35	1.88	0.284
Cerebrovascular diseases	13.0	559.67	497.32	1.13	0.277
Certain conditions originating in the perinatal period	2.9	123.00	96.68	1.27	0.267
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	0.1	6.15	3.48	1.77	0.670
Complications of medical and surgical care	0.3	12.30	8.69	1.41	0.970
Diabetes mellitus	11.7	504.32	313.35	1.61	4.45E-05
Diseases of pericardium and acute myocarditis	0.1	6.15	3.13	1.96	0.639
Essential (primary) hypertension and hypertensive renal disease	4.4	190.66	100.16	1.90	0.001
Hernia	0.1	6.15	5.22	1.18	0.751
Human immunodeficiency virus (HIV) disease	1.3	55.35	41.73	1.33	0.368
Hypertensive heart and renal disease	0.9	36.90	14.95	2.47	0.046
Hypertensive heart disease	6.4	276.76	171.45	1.61	0.002
Leukemia	1.1	49.20	43.12	1.14	0.852
Malignant neoplasm of bladder	1.1	49.20	34.78	1.41	0.331
Malignant neoplasm of breast	3.3	141.45	135.63	1.04	0.923
Malignant neoplasm of cervix uteri	0.7	30.75	12.52	2.46	0.072
Malignant neoplasm of esophagus	1.3	55.35	43.47	1.27	0.529
Malignant neoplasm of larynx	0.9	36.90	14.26	2.59	0.038
Malignant neoplasm of pancreas	2.6	110.70	74.77	1.48	0.129
Malignant neoplasm of prostate	4.1	178.36	87.64	2.04	3.92E-04
Malignant neoplasms of colon, rectum and anus	6.1	264.46	165.19	1.60	0.003
Malignant neoplasms of kidney and renal pelvis	1.0	43.05	32.34	1.33	0.430

*NCHS 113 cause of death groupings

**SMR: Standardized Mortality Ratio – ratio of neighborhood rate to City of Cincinnati rate

Significantly greater than City of Cincinnati for $p < 0.05$

CAUSE OF DEATH	Avondale Deaths per Year	Avondale Rate per 100,000	Cincinnati Rate per 100,000	SMR*	P-Value
Malignant neoplasms of lip, oral cavity and pharynx	1.7	73.80	25.74	2.87	0.001
Malignant neoplasms of liver and intrahepatic bile ducts	1.7	73.80	45.21	1.63	0.104
Malignant neoplasms of trachea, bronchus and lung	15.6	670.37	495.93	1.35	0.002
Malnutrition	0.3	12.30	10.43	1.18	0.894
Meningitis	0.1	6.15	3.13	1.96	0.639
Motor vehicle accidents	1.9	79.95	68.51	1.17	0.618
Other and unspecified nontransport accidents and their sequelae	1.9	79.95	53.21	1.50	0.209
Other chronic liver disease and cirrhosis	1.3	55.35	38.60	1.43	0.399
Other diseases of arteries, arterioles and capillaries	1.4	61.50	42.43	1.45	0.298
Other diseases of circulatory system	1.9	79.95	45.56	1.75	0.075
Other diseases of respiratory system	2.0	86.10	76.51	1.13	0.790
Other nutritional deficiencies	0.3	12.30	1.04	11.79	0.018
Pneumoconioses and chemical effects	0.1	6.15	2.43	2.53	0.558
Pneumonia	4.1	178.36	151.28	1.18	0.390
Pneumonitis due to solids and liquids	3.0	129.15	67.82	1.90	0.006
Renal failure	6.0	258.31	157.89	1.64	0.003
Respiratory tuberculosis	0.1	6.15	2.78	2.21	0.602
Septicemia	5.0	215.26	121.72	1.77	0.001

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