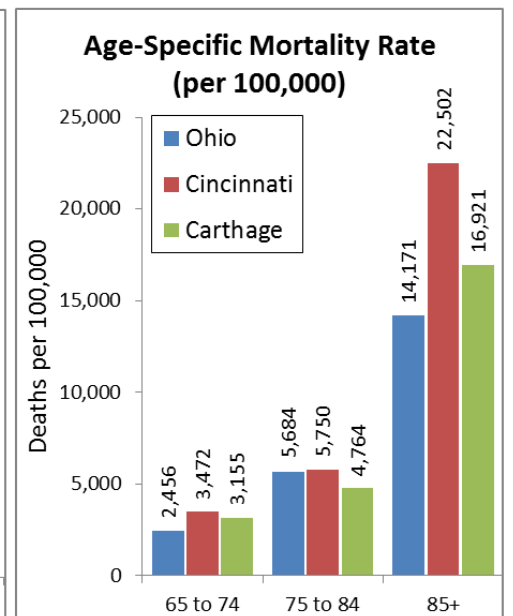
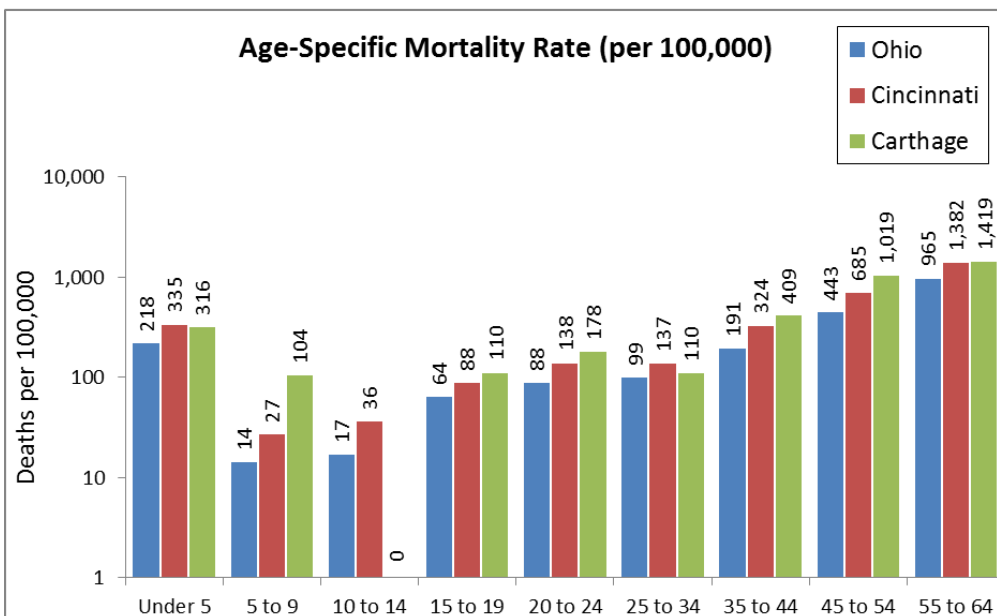
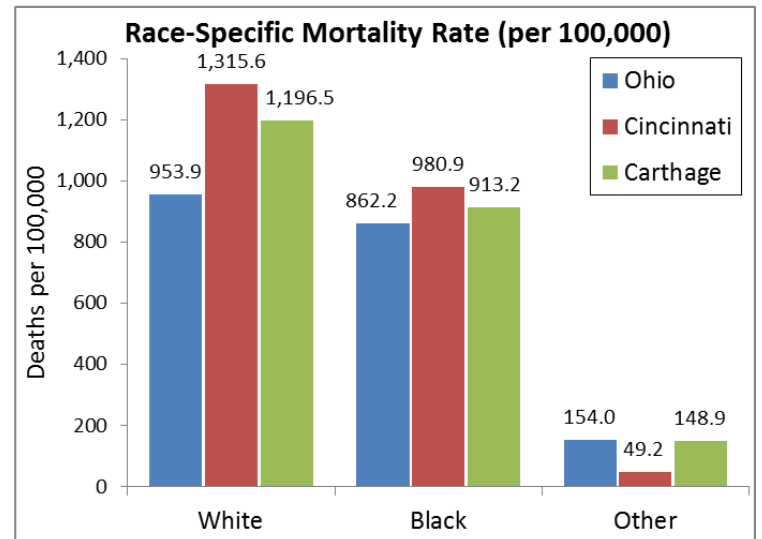
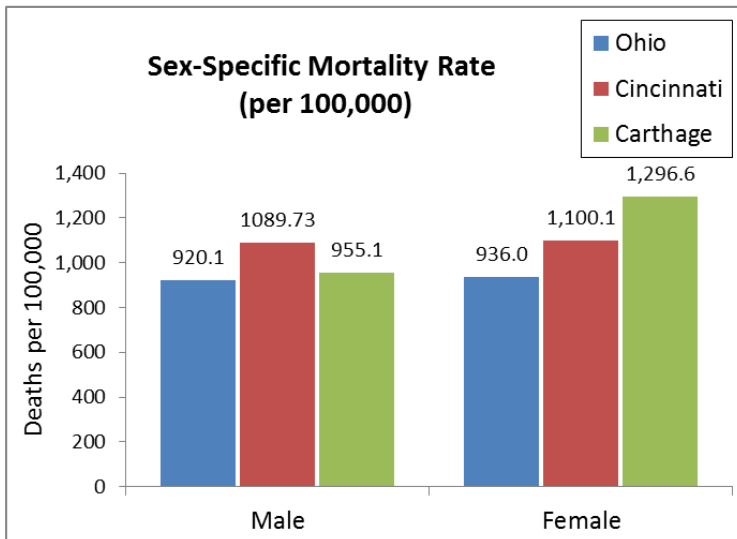
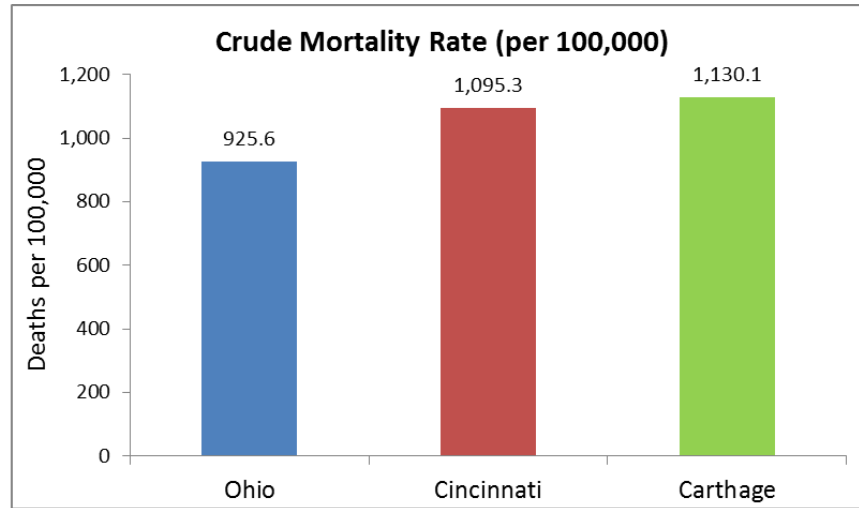


Mortality Rates: Overall; Sex, Race, Age-Specific



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

Mortality Profile by Cause of Death*

CAUSE OF DEATH*	Carthage Deaths 2001-2007	Carthage Deaths per Year	Carthage Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Malignant neoplasms ^	49	7.0	278.27	230.78	1.21	0.191
Malignant neoplasms of trachea, bronchus and lung ~	19	2.7	107.90	70.85	1.52	0.110
All other and unspecified malignant neoplasms ~	6	0.9	34.07	26.33	1.29	0.584
Malignant neoplasm of breast	4	0.6	22.72	19.38	1.17	0.663
Malignant neoplasms of colon, rectum and anus	4	0.6	22.72	23.60	0.96	1.000
Leukemia	2	0.3	11.36	6.16	1.84	0.400
Malignant neoplasm of ovary	2	0.3	11.36	4.67	2.43	0.298
Malignant neoplasm of pancreas	2	0.3	11.36	10.68	1.06	0.844
Malignant neoplasm of stomach	2	0.3	11.36	4.97	2.29	0.320
Malignant melanoma of skin	1	0.1	5.68	1.79	3.18	0.463
Malignant neoplasm of esophagus	1	0.1	5.68	6.21	0.91	1.000
Malignant neoplasm of prostate	1	0.1	5.68	12.52	0.45	0.704
Malignant neoplasms of kidney and renal pelvis	1	0.1	5.68	4.62	1.23	0.725
Malignant neoplasms of lip, oral cavity and pharynx	1	0.1	5.68	3.68	1.54	0.682
Malignant neoplasms of liver and intrahepatic bile ducts	1	0.1	5.68	6.46	0.88	1.000
Malignant neoplasms of meninges, brain and other parts	1	0.1	5.68	3.68	1.54	0.682
Non-Hodgkin's lymphoma	1	0.1	5.68	6.51	0.87	1.000
Major cardiovascular diseases ^	42	6.0	238.52	265.16	0.90	0.547
All other forms of chronic ischemic heart disease ~	13	1.9	73.83	100.95	0.73	0.306
Acute myocardial infarction ~	9	1.3	51.11	52.07	0.98	1.000
Heart failure	8	1.1	45.43	21.91	2.07	0.092
All other forms of heart disease ~	7	1.0	39.75	48.59	0.82	0.755
Hypertensive heart disease ~	4	0.6	22.72	24.49	0.93	1.000
Atherosclerotic cardiovascular disease, so described	1	0.1	5.68	11.73	0.48	0.775
Other ^	15	2.1	102.22	163.06	0.63	0.007
All other diseases (Residual)	12	1.7	68.15	122.52	0.56	0.036
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	3	0.4	17.04	13.36	1.27	0.603
Certain other intestinal infections	1	0.1	5.68	3.33	1.71	0.656
Other and unspecified events of undetermined intent and their sequelae	1	0.1	5.68	0.94	6.02	0.284
Other diseases of arteries, arterioles and capillaries	1	0.1	5.68	6.06	0.94	1.000
Diabetes mellitus ^~	14	2.0	79.51	44.76	1.78	0.060
Chronic lower respiratory diseases ^	12	1.7	68.15	56.14	1.21	0.458
Other chronic lower respiratory diseases ~	11	1.6	62.47	47.30	1.32	0.486
Asthma	1	0.1	5.68	3.23	1.76	0.648

*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
Carthage: 2001 - 2007

CAUSE OF DEATH*	Carthage Deaths 2001-2007	Carthage Deaths per Year	Carthage Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Accidents (unintentional injuries) ^	10	1.4	56.79	42.58	1.33	0.434
Accidental poisoning and exposure to noxious substances	3	0.4	17.04	12.32	1.38	0.617
Motor vehicle accidents	3	0.4	17.04	9.79	1.74	0.306
Other and unspecified nontransport accidents and their sequelae	2	0.3	11.36	7.60	1.49	0.472
Accidental exposure to smoke, fire and flames	1	0.1	5.68	1.44	3.94	0.397
Falls	1	0.1	5.68	9.39	0.60	1.000
Cerebrovascular diseases ^~	9	1.3	51.11	71.05	0.72	0.399
Influenza and pneumonia ^	6	0.9	34.07	21.86	1.56	0.397
Pneumonia	6	0.9	34.07	21.61	1.58	0.400
Chronic liver disease and cirrhosis	5	0.7	28.39	10.98	2.59	0.064
Alcoholic liver disease	4	0.6	22.72	5.47	4.16	0.027
Other chronic liver disease and cirrhosis	1	0.1	5.68	5.51	1.03	0.739
Septicemia	5	0.7	28.39	17.39	1.63	0.303
Alzheimer's disease ^~	4	0.6	22.72	29.76	0.76	0.797
Nephritis, nephrotic syndrome and nephrosis ^	4	0.6	22.72	23.20	0.98	1.000
Renal failure	4	0.6	22.72	22.56	1.01	0.874
Assault (homicide)	3	0.4	17.04	19.08	0.89	1.000
Assault (homicide) by other and unspecified means and their sequelae	3	0.4	17.04	4.37	3.90	0.070
Intentional self-harm (suicide)	3	0.4	17.04	11.63	1.47	0.627
Intentional self-harm (suicide) by other and unspecified means and their sequelae	2	0.3	11.36	6.56	1.73	0.422
Intentional self-harm (suicide) by discharge of firearms	1	0.1	5.68	5.07	1.12	0.735
Pneumonitis due to solids and liquids	3	0.4	17.04	9.69	1.76	0.302
Certain conditions originating in the perinatal period	2	0.3	11.36	13.81	0.82	1.000
Cholelithiasis and other disorders of gallbladder	2	0.3	11.36	1.39	8.16	1.000
Congenital malformations, deformations and chromosome abnormalities	2	0.3	11.36	6.66	1.71	0.428
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	2	0.3	11.36	6.21	1.83	0.403
Essential (primary) hypertension and hypertensive renal disease	1	0.1	5.68	14.31	0.40	0.564
Human immunodeficiency virus (HIV) disease	1	0.1	5.68	5.96	0.95	1.000
Parkinson's disease	1	0.1	5.68	7.20	0.79	1.000
Viral hepatitis	1	0.1	5.68	1.99	2.86	0.497

*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*	Carthage Deaths per Year	Carthage Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Accidental exposure to smoke, fire and flames	0.1	39.75	10.09	3.94	0.397
Accidental poisoning and exposure to noxious substances	0.4	119.26	86.25	1.38	0.617
Alcoholic liver disease	0.6	159.01	38.26	4.16	0.027
All other and unspecified malignant neoplasms	0.9	238.52	184.32	1.29	0.584
Assault (homicide) by other and unspecified means and their sequelae	0.4	119.26	30.60	3.90	0.070
Asthma	0.1	39.75	22.61	1.76	0.648
Certain other intestinal infections	0.1	39.75	23.30	1.71	0.656
Cholelithiasis and other disorders of gallbladder	0.3	79.51	9.74	8.16	1.000
Congenital malformations, deformations and chromosome abnormalities	0.3	79.51	46.60	1.71	0.428
Diabetes mellitus	2.0	556.54	313.35	1.78	0.060
Heart failure	1.1	318.02	153.37	2.07	0.092
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	0.3	79.51	43.47	1.83	0.403
Intentional self-harm (suicide) by discharge of firearms	0.1	39.75	35.47	1.12	0.735
Intentional self-harm (suicide) by other and unspecified means and their sequelae	0.3	79.51	45.91	1.73	0.422
Leukemia	0.3	79.51	43.12	1.84	0.400
Malignant melanoma of skin	0.1	39.75	12.52	3.18	0.463
Malignant neoplasm of breast	0.6	159.01	135.63	1.17	0.663
Malignant neoplasm of ovary	0.3	79.51	32.69	2.43	0.298
Malignant neoplasm of pancreas	0.3	79.51	74.77	1.06	0.844
Malignant neoplasm of stomach	0.3	79.51	34.78	2.29	0.320
Malignant neoplasms of kidney and renal pelvis	0.1	39.75	32.34	1.23	0.725
Malignant neoplasms of lip, oral cavity and pharynx	0.1	39.75	25.74	1.54	0.682
Malignant neoplasms of meninges, brain and other parts	0.1	39.75	25.74	1.54	0.682
Malignant neoplasms of trachea, bronchus and lung	2.7	755.30	495.93	1.52	0.110
Motor vehicle accidents	0.4	119.26	68.51	1.74	0.306
Other and unspecified events of undetermined intent and their sequelae	0.1	39.75	6.61	6.02	0.284
Other and unspecified nontransport accidents and their sequelae	0.3	79.51	53.21	1.49	0.472
Other chronic liver disease and cirrhosis	0.1	39.75	38.60	1.03	0.739
Other chronic lower respiratory diseases	1.6	437.28	331.08	1.32	0.486
Pneumonia	0.9	238.52	151.28	1.58	0.400
Pneumonitis due to solids and liquids	0.4	119.26	67.82	1.76	0.302
Renal failure	0.6	159.01	157.89	1.01	0.874
Septicemia	0.7	198.76	121.72	1.63	0.303
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	0.4	119.26	93.55	1.27	0.603
Viral hepatitis	0.1	39.75	13.91	2.86	0.497

*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