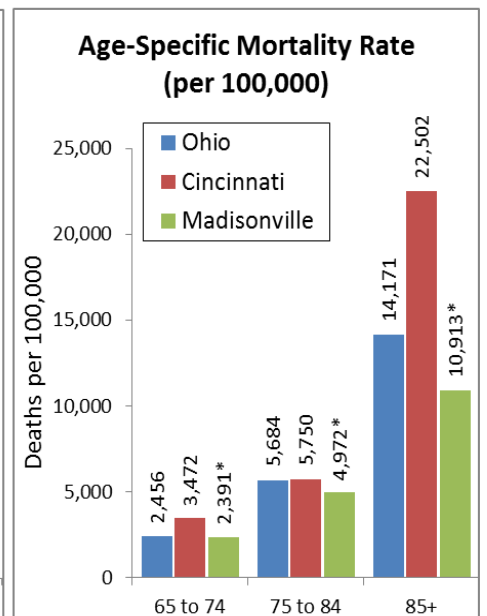
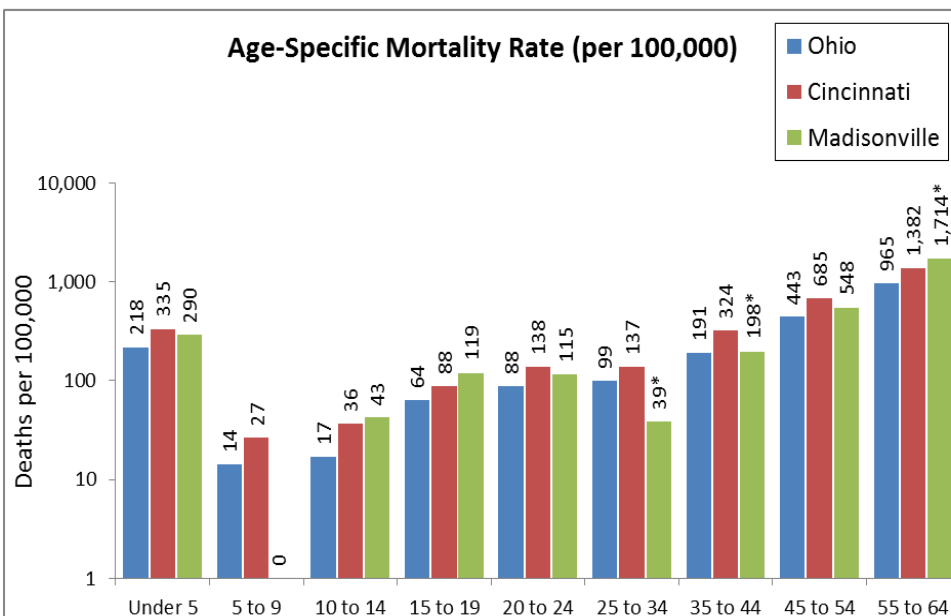
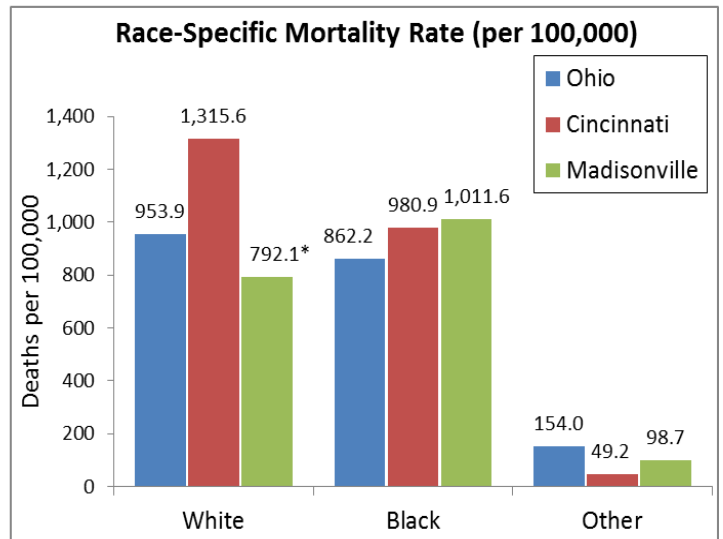
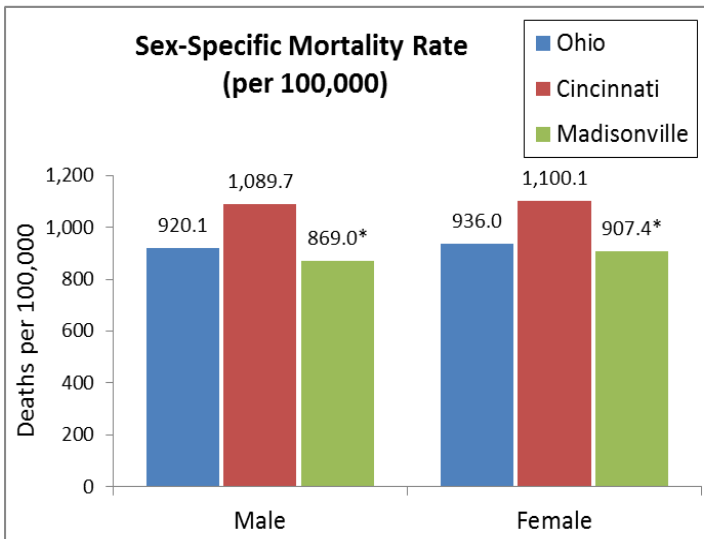
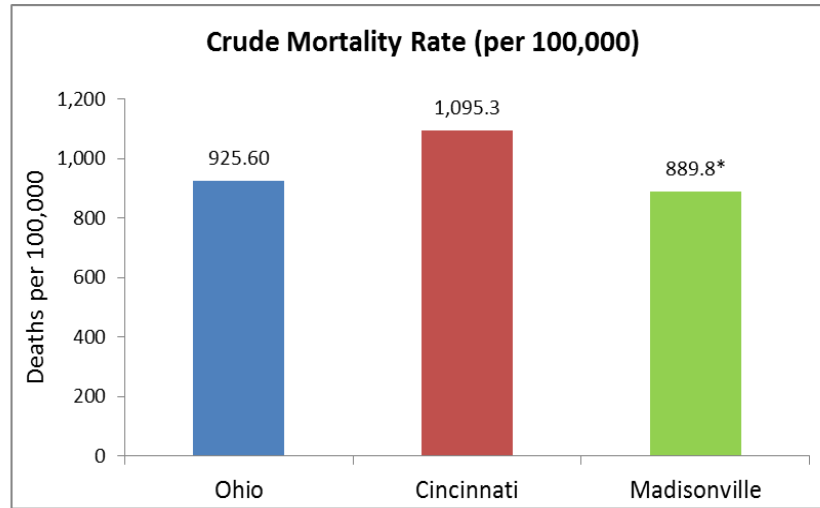


Mortality Rates: Overall; Sex, Race, Age-Specific



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

Mortality Profile by Cause of Death*

CAUSE OF DEATH*	Madisonville Deaths 2001-2007	Madisonville Deaths per Year	Madisonville Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Major cardiovascular diseases ^	187	26.7	222.74	265.16	0.84	0.014
All other forms of chronic ischemic heart disease ~	79	11.3	94.10	100.95	0.93	0.567
Acute myocardial infarction ~	40	5.7	47.64	52.07	0.92	0.632
All other forms of heart disease ~	30	4.3	35.73	48.59	0.74	0.090
Hypertensive heart disease ~	22	3.1	26.20	24.49	1.07	0.827
Heart failure	10	1.4	11.91	21.91	0.54	0.046
Atherosclerotic cardiovascular disease, so described	3	0.4	3.57	11.73	0.30	0.021
Acute and subacute endocarditis	1	0.1	1.19	1.04	1.14	0.747
Hypertensive heart and renal disease	1	0.1	1.19	2.14	0.56	0.919
Other acute ischemic heart diseases	1	0.1	1.19	0.40	3.00	0.495
Malignant neoplasms ^	171	24.4	203.68	230.78	0.88	0.098
Malignant neoplasms of trachea, bronchus and lung ~	53	7.6	63.13	70.85	0.89	0.432
Malignant neoplasms of colon, rectum and anus	21	3.0	25.01	23.60	1.06	0.784
All other and unspecified malignant neoplasms ~	17	2.4	20.25	26.33	0.77	0.316
Malignant neoplasm of breast	16	2.3	19.06	19.38	0.98	1.000
Malignant neoplasm of prostate	14	2.0	16.68	12.52	1.33	0.318
Malignant neoplasm of pancreas	8	1.1	9.53	10.68	0.89	0.914
Malignant neoplasm of bladder	6	0.9	7.15	4.97	1.44	0.380
Multiple myeloma and immunoproliferative neoplasms	6	0.9	7.15	5.51	1.30	0.579
Malignant neoplasms of liver and intrahepatic bile ducts	5	0.7	5.96	6.46	0.92	1.000
Non-Hodgkin's lymphoma	5	0.7	5.96	6.51	0.92	1.000
Leukemia	3	0.4	3.57	6.16	0.58	0.471
Malignant neoplasm of esophagus	3	0.4	3.57	6.21	0.58	0.460
Malignant neoplasm of larynx	3	0.4	3.57	2.04	1.75	0.306
Malignant neoplasm of stomach	3	0.4	3.57	4.97	0.72	0.792
Malignant neoplasms of kidney and renal pelvis	3	0.4	3.57	4.62	0.77	0.907
Malignant neoplasms of lip, oral cavity and pharynx	2	0.3	2.38	3.68	0.65	0.798
Malignant neoplasms of meninges, brain and other parts	2	0.3	2.38	3.68	0.65	0.798
Malignant neoplasm of ovary	1	0.1	1.19	4.67	0.26	0.186
Other ^	96	13.7	114.35	163.06	0.70	2.10E-04
All other diseases (Residual)	74	10.6	88.14	122.52	0.72	0.003
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	10	1.4	11.91	13.36	0.89	0.862
Other diseases of respiratory system	4	0.6	4.76	10.93	0.44	0.092

*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
Madisonville: 2001 - 2007

CAUSE OF DEATH*	Madisonville Deaths 2001-2007	Madisonville Deaths per Year	Madisonville Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Other and unspecified infectious and parasitic diseases	3	0.4	3.57	3.13	1.14	0.958
Certain other intestinal infections	2	0.3	2.38	3.33	0.72	0.933
Other disorders of circulatory system	2	0.3	2.38	2.78	0.86	1.000
Other diseases of arteries, arterioles and capillaries	1	0.1	1.19	6.06	0.20	0.070
Cerebrovascular diseases ^~	43	6.1	51.22	71.05	0.72	0.026
Chronic lower respiratory diseases ^	39	5.6	46.45	56.14	0.83	0.253
Other chronic lower respiratory diseases ~	30	4.3	35.73	47.30	0.76	0.126
Emphysema	7	1.0	8.34	4.92	1.70	0.286
Asthma	2	0.3	2.38	3.23	0.74	0.974
Nephritis, nephrotic syndrome and nephrosis ^	29	4.1	34.54	23.20	1.49	0.044
Renal failure	29	4.1	34.54	22.56	1.53	0.030
Diabetes mellitus ^~	27	3.9	32.16	44.76	0.72	0.083
Influenza and pneumonia ^	26	3.7	30.97	21.86	1.42	0.083
Pneumonia	26	3.7	30.97	21.61	1.43	0.085
Accidents (unintentional injuries) ^	23	3.3	27.40	42.58	0.64	0.028
Accidental poisoning and exposure to noxious substances	7	1.0	8.34	12.32	0.68	0.370
Motor vehicle accidents	6	0.9	7.15	9.79	0.73	0.564
Falls	2	0.3	2.38	9.39	0.25	0.027
Other and unspecified nontransport accidents and their sequelae	5	0.7	5.96	7.60	0.78	0.764
Accidental exposure to smoke, fire and flames	2	0.3	2.38	1.44	1.65	0.447
Other land transport accidents	1	0.1	1.19	0.15	7.99	0.230
Septicemia	11	1.6	13.10	17.39	0.75	0.414
Alzheimer's disease ^~	9	1.3	10.72	29.76	0.36	3.56E-04
Assault (homicide)	9	1.3	10.72	19.08	0.56	0.080
Assault (homicide) by discharge of firearms	7	1.0	8.34	14.71	0.57	0.142
Assault (homicide) by other and unspecified means and their sequelae	2	0.3	2.38	4.37	0.54	0.569
Essential (primary) hypertension and hypertensive renal disease	9	1.3	10.72	14.31	0.75	0.471
Other diseases of circulatory system	9	1.3	10.72	6.51	1.65	0.150
Certain conditions originating in the perinatal period	7	1.0	8.34	13.81	0.60	0.207
Chronic liver disease and cirrhosis	7	1.0	8.34	10.98	0.76	0.587
Alcoholic liver disease	4	0.6	4.76	5.47	0.87	1.000
Other chronic liver disease and cirrhosis	3	0.4	3.57	5.51	0.65	0.630
Human immunodeficiency virus (HIV) disease	7	1.0	8.34	5.96	1.40	0.450
Anemias	5	0.7	5.96	3.18	1.87	0.287

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

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Significantly greater than City of Cincinnati for p < 0.05

Cincinnati Health Department
Neighborhood Mortality Profile
Madisonville: 2001 - 2007

CAUSE OF DEATH*	Madisonville Deaths 2001-2007	Madisonville Deaths per Year	Madisonville Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Intentional self-harm (suicide)	5	0.7	5.96	11.63	0.51	0.145
Intentional self-harm (suicide) by discharge of firearms	5	0.7	5.96	5.07	1.18	0.731
Parkinson's disease	5	0.7	5.96	7.20	0.83	0.869
Congenital malformations, deformations and chromosome abnormalities	5	0.7	5.96	6.66	0.89	1.000
Pneumonitis due to solids and liquids	5	0.7	5.96	9.69	0.61	0.347
Atherosclerosis	2	0.3	2.38	2.34	1.02	1.000
Complications of medical and surgical care	2	0.3	2.38	1.24	1.92	0.392
Hernia	2	0.3	2.38	0.75	3.20	0.210
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	2	0.3	2.38	6.21	0.38	0.206
Peptic ulcer	2	0.3	2.38	2.19	1.09	0.857
Viral hepatitis	2	0.3	2.38	1.99	1.20	0.901
Cholelithiasis and other disorders of gallbladder	1	0.1	1.19	1.39	0.86	1.000

*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)

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**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*	Madisonville Deaths per Year	Madisonville Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Accidental exposure to smoke, fire and flames	0.3	2.38	1.44	1.65	0.447
Acute and subacute endocarditis	0.1	1.19	1.04	1.14	0.747
Anemias	0.7	5.96	3.18	1.87	0.287
Atherosclerosis	0.3	2.38	2.34	1.02	1.000
Complications of medical and surgical care	0.3	2.38	1.24	1.92	0.392
Emphysema	1.0	8.34	4.92	1.70	0.286
Hernia	0.3	2.38	0.75	3.20	0.210
Human immunodeficiency virus (HIV) disease	1.0	8.34	5.96	1.40	0.450
Hypertensive heart disease	3.1	26.20	24.49	1.07	0.827
Intentional self-harm (suicide) by discharge of firearms	0.7	5.96	5.07	1.18	0.731
Malignant neoplasm of bladder	0.9	7.15	4.97	1.44	0.380
Malignant neoplasm of larynx	0.4	3.57	2.04	1.75	0.306
Malignant neoplasm of prostate	2.0	16.68	12.52	1.33	0.318
Malignant neoplasms of colon, rectum and anus	3.0	25.01	23.60	1.06	0.784
Multiple myeloma and immunoproliferative neoplasms	0.9	7.15	5.51	1.30	0.579
Other acute ischemic heart diseases	0.1	1.19	0.40	3.00	0.495
Other and unspecified infectious and parasitic diseases	0.4	3.57	3.13	1.14	0.958
Other diseases of circulatory system	1.3	10.72	6.51	1.65	0.150
Other land transport accidents	0.1	1.19	0.15	7.99	0.230
Peptic ulcer	0.3	2.38	2.19	1.09	0.857
Pneumonia	3.7	30.97	21.61	1.43	0.085
Renal failure	4.1	34.54	22.56	1.53	0.030
Viral hepatitis	0.3	2.38	1.99	1.20	0.901

*NCHS 113 cause of death groupings

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