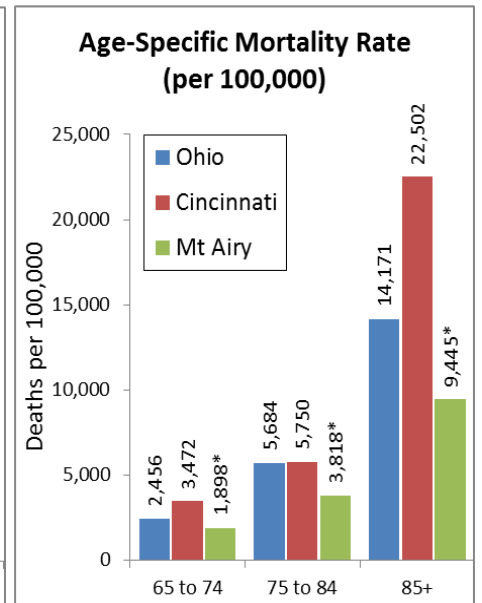
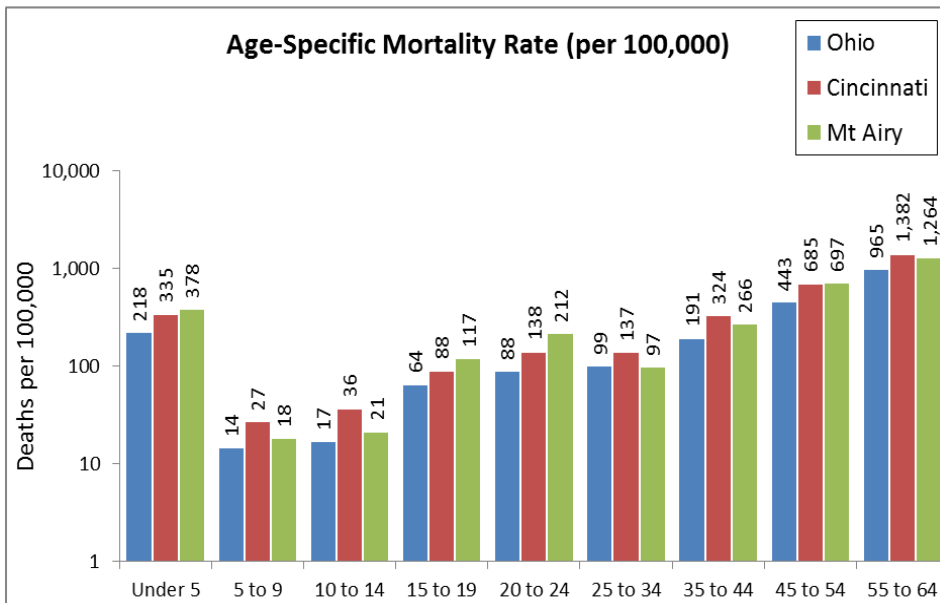
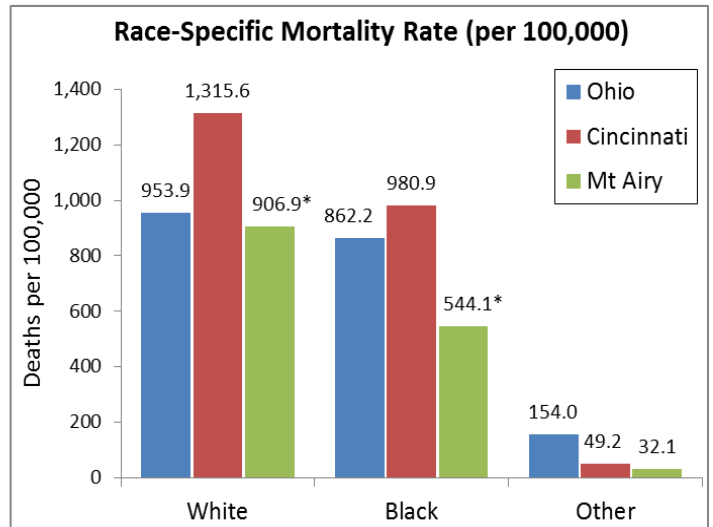
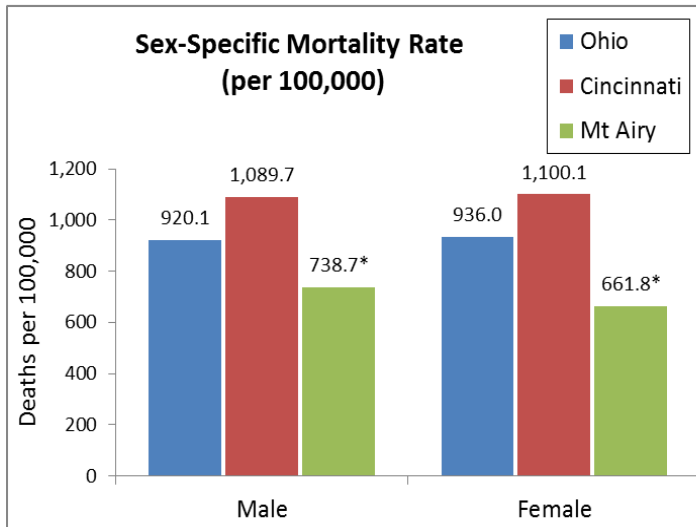
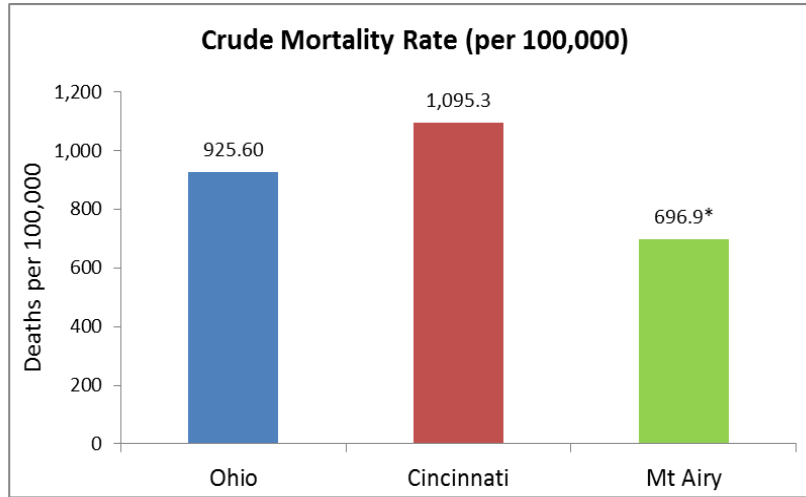


**Mortality Rates: Overall; Sex, Race, Age-Specific**



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

### Mortality Profile by Cause of Death\*

CAUSE OF DEATH*	Mt Airy Deaths 2001-2007	Mt Airy Deaths per Year	Mt Airy Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
<b>Major cardiovascular diseases ^</b>	<b>102</b>	<b>14.6</b>	<b>161.56</b>	<b>265.16</b>	<b>0.61</b>	<b>4.34E-08</b>
All other forms of chronic ischemic heart disease ~	39	5.6	61.77	100.95	0.61	0.001
Acute myocardial infarction ~	22	3.1	34.85	52.07	0.67	0.055
All other forms of heart disease ~	21	3.0	33.26	48.59	0.68	0.081
Hypertensive heart disease ~	13	1.9	20.59	24.49	0.84	0.633
Heart failure	4	0.6	6.34	21.91	0.29	0.004
Atherosclerotic cardiovascular disease, so described	2	0.3	3.17	11.73	0.27	0.041
Acute rheumatic fever and chronic rheumatic heart diseases	1	0.1	1.58	1.39	1.14	0.743
<b>Malignant neoplasms ^</b>	<b>94</b>	<b>13.4</b>	<b>148.89</b>	<b>230.78</b>	<b>0.65</b>	<b>4.42E-06</b>
Malignant neoplasms of trachea, bronchus and lung ~	28	4.0	44.35	70.85	0.63	0.009
Malignant neoplasm of breast	11	1.6	17.42	19.38	0.90	0.866
All other and unspecified malignant neoplasms ~	9	1.3	14.25	26.33	0.54	0.059
Malignant neoplasms of colon, rectum and anus	6	0.9	9.50	23.60	0.40	0.015
Malignant neoplasm of bladder	4	0.6	6.34	4.97	1.28	0.706
Malignant neoplasms of meninges, brain and other parts	4	0.6	6.34	3.68	1.72	0.428
Multiple myeloma and immunoproliferative neoplasms	4	0.6	6.34	5.51	1.15	1.000
Malignant neoplasm of pancreas	3	0.4	4.75	10.68	0.44	0.185
Malignant neoplasm of prostate	3	0.4	4.75	12.52	0.38	0.086
Malignant neoplasms of kidney and renal pelvis	3	0.4	4.75	4.62	1.03	0.869
Malignant neoplasms of liver and intrahepatic bile ducts	3	0.4	4.75	6.46	0.74	0.830
Non-Hodgkin's lymphoma	3	0.4	4.75	6.51	0.73	0.818
Leukemia	2	0.3	3.17	6.16	0.51	0.500
Malignant melanoma of skin	2	0.3	3.17	1.79	1.77	0.420
Malignant neoplasm of cervix uteri	2	0.3	3.17	1.79	1.77	0.420
Malignant neoplasm of ovary	2	0.3	3.17	4.67	0.68	0.863
Malignant neoplasm of stomach	2	0.3	3.17	4.97	0.64	0.779
Hodgkin's disease	1	0.1	1.58	0.65	2.45	0.556
Malignant neoplasm of esophagus	1	0.1	1.58	6.21	0.26	0.188
Malignant neoplasms of lip, oral cavity and pharynx	1	0.1	1.58	3.68	0.43	0.642
<b>Other ^</b>	<b>65</b>	<b>9.3</b>	<b>102.95</b>	<b>163.06</b>	<b>0.63</b>	<b>6.36E-05</b>
All other diseases (Residual)	42	6.0	66.52	122.52	0.54	1.21E-05
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	9	1.3	14.25	13.36	1.07	0.780
Other diseases of arteries, arterioles and capillaries	4	0.6	6.34	6.06	1.05	0.916

\*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**  
**Mount Airy: 2001 - 2007**

CAUSE OF DEATH*	Mt Airy Deaths 2001-2007	Mt Airy Deaths per Year	Mt Airy Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Other diseases of respiratory system	3	0.4	4.75	10.93	0.43	0.167
Certain other intestinal infections	2	0.3	3.17	3.33	0.95	1.000
Other and unspecified infectious and parasitic diseases	2	0.3	3.17	3.13	1.01	1.000
Other disorders of circulatory system	2	0.3	3.17	2.78	1.14	0.878
Other and unspecified events of undetermined intent and their sequelae	1	0.1	1.58	0.94	1.68	0.672
<b>Diabetes mellitus ^~</b>	<b>26</b>	<b>3.7</b>	<b>41.18</b>	<b>44.76</b>	<b>0.92</b>	<b>0.756</b>
<b>Chronic lower respiratory diseases ^</b>	<b>24</b>	<b>3.4</b>	<b>38.01</b>	<b>56.14</b>	<b>0.68</b>	<b>0.051</b>
Other chronic lower respiratory diseases ~	18	2.6	28.51	47.30	0.60	0.025
Emphysema	4	0.6	6.34	4.92	1.29	0.712
Asthma	2	0.3	3.17	3.23	0.98	1.000
<b>Cerebrovascular diseases ^~</b>	<b>20</b>	<b>2.9</b>	<b>31.68</b>	<b>71.05</b>	<b>0.45</b>	<b>4.11E-05</b>
<b>Assault (homicide)</b>	<b>14</b>	<b>2.0</b>	<b>22.17</b>	<b>19.08</b>	<b>1.16</b>	<b>0.653</b>
Assault (homicide) by discharge of firearms	14	2.0	22.17	14.71	1.51	0.162
<b>Accidents (unintentional injuries) ^</b>	<b>11</b>	<b>1.6</b>	<b>17.42</b>	<b>42.58</b>	<b>0.41</b>	<b>0.001</b>
Motor vehicle accidents	5	0.7	7.92	9.79	0.81	0.829
Accidental drowning and submersion	2	0.3	3.17	1.04	3.04	0.226
Accidental poisoning and exposure to noxious substances	2	0.3	3.17	12.32	0.26	0.030
Accidental exposure to smoke, fire and flames	1	0.1	1.58	1.44	1.10	0.745
Falls	1	0.1	1.58	9.39	0.17	0.034
<b>Certain conditions originating in the perinatal period</b>	<b>11</b>	<b>1.6</b>	<b>17.42</b>	<b>13.81</b>	<b>1.26</b>	<b>0.443</b>
<b>Alzheimer's disease ^~</b>	<b>10</b>	<b>1.4</b>	<b>15.84</b>	<b>29.76</b>	<b>0.53</b>	<b>0.038</b>
<b>Nephritis, nephrotic syndrome and nephrosis ^</b>	<b>10</b>	<b>1.4</b>	<b>15.84</b>	<b>23.20</b>	<b>0.68</b>	<b>0.265</b>
Renal failure	8	1.1	12.67	22.56	0.56	0.105
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	1	0.1	1.58	0.50	3.19	0.471
Acute and rapidly progressive nephritic and nephrotic syndrome	1	0.1	1.58	0.15	10.63	0.177
<b>Septicemia</b>	<b>10</b>	<b>1.4</b>	<b>15.84</b>	<b>17.39</b>	<b>0.91</b>	<b>0.921</b>
<b>Intentional self-harm (suicide)</b>	<b>8</b>	<b>1.1</b>	<b>12.67</b>	<b>11.63</b>	<b>1.09</b>	<b>0.786</b>
Intentional self-harm (suicide) by discharge of firearms	4	0.6	6.34	5.07	1.25	0.696
Intentional self-harm (suicide) by other and unspecified means and their sequelae	4	0.6	6.34	6.56	0.97	1.000
<b>Pneumonitis due to solids and liquids</b>	<b>5</b>	<b>0.7</b>	<b>7.92</b>	<b>9.69</b>	<b>0.82</b>	<b>0.849</b>
<b>Chronic liver disease and cirrhosis</b>	<b>4</b>	<b>0.6</b>	<b>6.34</b>	<b>10.98</b>	<b>0.58</b>	<b>0.350</b>
Alcoholic liver disease	3	0.4	4.75	5.47	0.87	1.000
Other chronic liver disease and cirrhosis	1	0.1	1.58	5.51	0.29	0.267

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**Cincinnati Health Department**  
**Neighborhood Mortality Profile**  
**Mount Airy: 2001 - 2007**

CAUSE OF DEATH*	Mt Airy Deaths 2001-2007	Mt Airy Deaths per Year	Mt Airy Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
<b>Congenital malformations, deformations and chromosome abnormalities</b>	<b>4</b>	<b>0.6</b>	<b>6.34</b>	<b>6.66</b>	<b>0.95</b>	<b>1.000</b>
<b>Essential (primary) hypertension and hypertensive renal disease</b>	<b>4</b>	<b>0.6</b>	<b>6.34</b>	<b>14.31</b>	<b>0.44</b>	<b>0.102</b>
<b>Other diseases of circulatory system</b>	<b>4</b>	<b>0.6</b>	<b>6.34</b>	<b>6.51</b>	<b>0.97</b>	<b>1.000</b>
<b>Parkinson's disease</b>	<b>4</b>	<b>0.6</b>	<b>6.34</b>	<b>7.20</b>	<b>0.88</b>	<b>1.000</b>
<b>Human immunodeficiency virus (HIV) disease</b>	<b>3</b>	<b>0.4</b>	<b>4.75</b>	<b>5.96</b>	<b>0.80</b>	<b>0.957</b>
<b>Influenza and pneumonia</b>	<b>2</b>	<b>0.3</b>	<b>3.17</b>	<b>21.86</b>	<b>0.14</b>	<b>1.89E-04</b>
Pneumonia	2	0.3	3.17	21.61	0.15	2.17E-04
<b>Atherosclerosis</b>	<b>1</b>	<b>0.1</b>	<b>1.58</b>	<b>2.34</b>	<b>0.68</b>	<b>1.000</b>
<b>Diseases of appendix</b>	<b>1</b>	<b>0.1</b>	<b>1.58</b>	<b>0.05</b>	<b>31.88</b>	<b>0.063</b>
<b>In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior</b>	<b>1</b>	<b>0.1</b>	<b>1.58</b>	<b>6.21</b>	<b>0.26</b>	<b>0.188</b>
<b>Nutritional deficiencies</b>	<b>1</b>	<b>0.1</b>	<b>1.58</b>	<b>1.64</b>	<b>0.97</b>	<b>1.000</b>
Malnutrition	1	0.1	1.58	1.49	1.06	0.747
<b>Viral hepatitis</b>	<b>1</b>	<b>0.1</b>	<b>1.58</b>	<b>1.99</b>	<b>0.80</b>	<b>1.000</b>

\*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  $p < 0.05$

## Mortality Profile: Neighborhood Rates Higher than City of Cincinnati Rates

CAUSE OF DEATH*	Mt Airy Deaths per Year	Mt Airy Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Accidental drowning and submersion	0.3	3.17	1.04	3.04	0.226
Accidental exposure to smoke, fire and flames	0.1	1.58	1.44	1.10	0.745
Acute and rapidly progressive nephritic and nephrotic syndrome	0.1	1.58	0.15	10.63	0.177
Acute rheumatic fever and chronic rheumatic heart diseases	0.1	1.58	1.39	1.14	0.743
Assault (homicide) by discharge of firearms	2.0	22.17	14.71	1.51	0.162
Certain conditions originating in the perinatal period	1.6	17.42	13.81	1.26	0.443
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	0.1	1.58	0.50	3.19	0.471
Diseases of appendix	0.1	1.58	0.05	31.88	0.063
Emphysema	0.6	6.34	4.92	1.29	0.712
Hodgkin's disease	0.1	1.58	0.65	2.45	0.556
Intentional self-harm (suicide) by discharge of firearms	0.6	6.34	5.07	1.25	0.696
Malignant melanoma of skin	0.3	3.17	1.79	1.77	0.420
Malignant neoplasm of bladder	0.6	6.34	4.97	1.28	0.706
Malignant neoplasm of cervix uteri	0.3	3.17	1.79	1.77	0.420
Malignant neoplasms of kidney and renal pelvis	0.4	4.75	4.62	1.03	0.869
Malignant neoplasms of meninges, brain and other parts	0.6	6.34	3.68	1.72	0.428
Malnutrition	0.1	1.58	1.49	1.06	0.747
Multiple myeloma and immunoproliferative neoplasms	0.6	6.34	5.51	1.15	1.000
Other and unspecified events of undetermined intent and their sequelae	0.1	1.58	0.94	1.68	0.672
Other and unspecified infectious and parasitic diseases	0.3	3.17	3.13	1.01	1.000
Other diseases of arteries, arterioles and capillaries	0.6	6.34	6.06	1.05	0.916
Other disorders of circulatory system	0.3	3.17	2.78	1.14	0.878
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1.3	14.25	13.36	1.07	0.780

\*NCHS 113 cause of death groupings

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