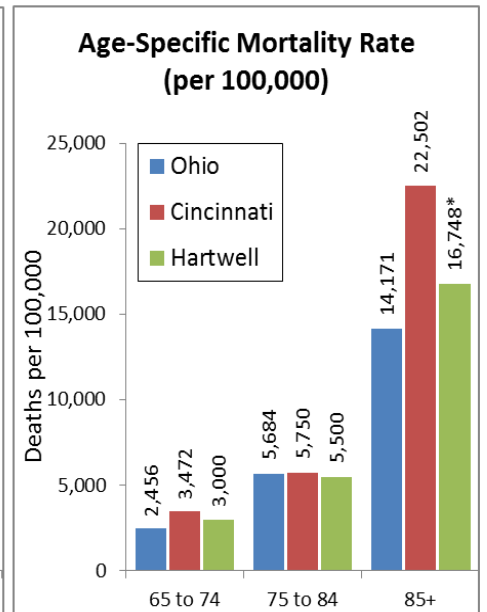
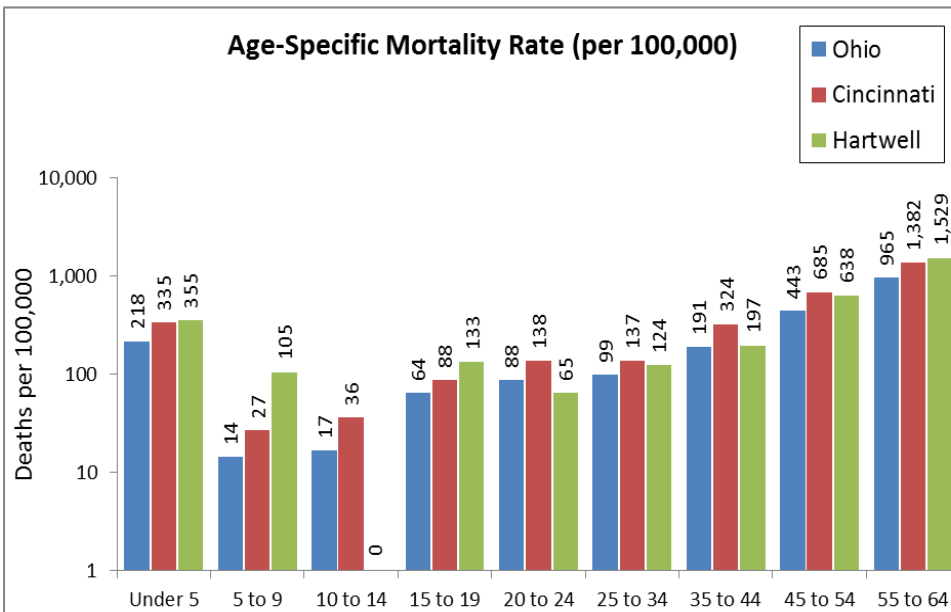
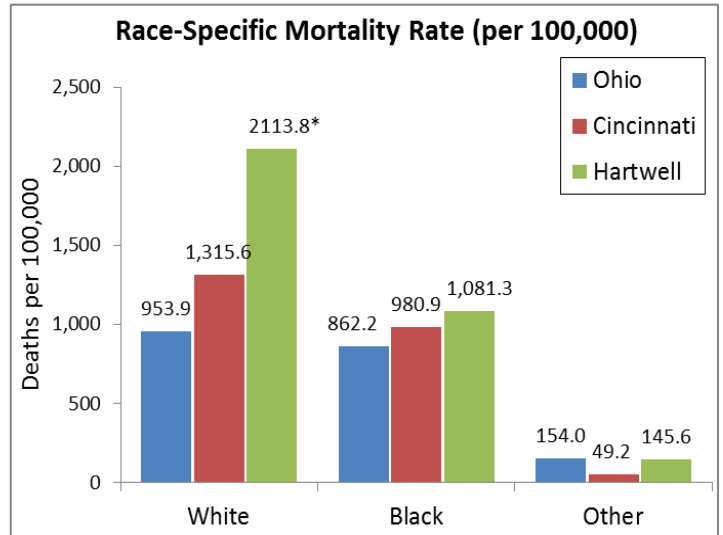
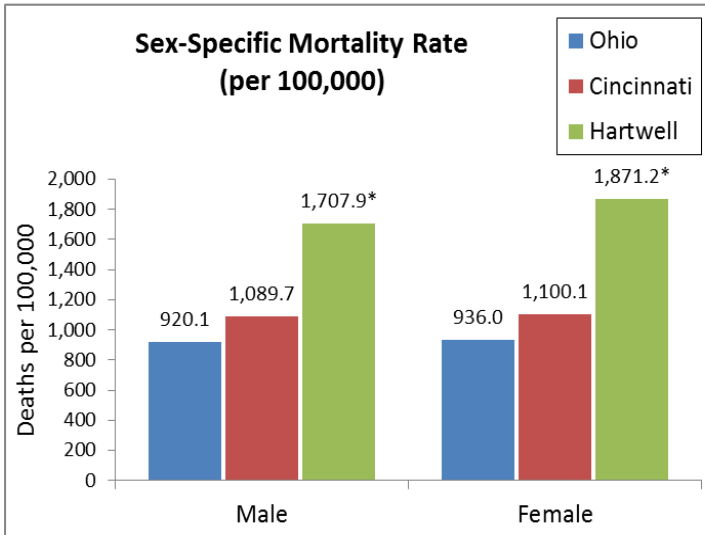
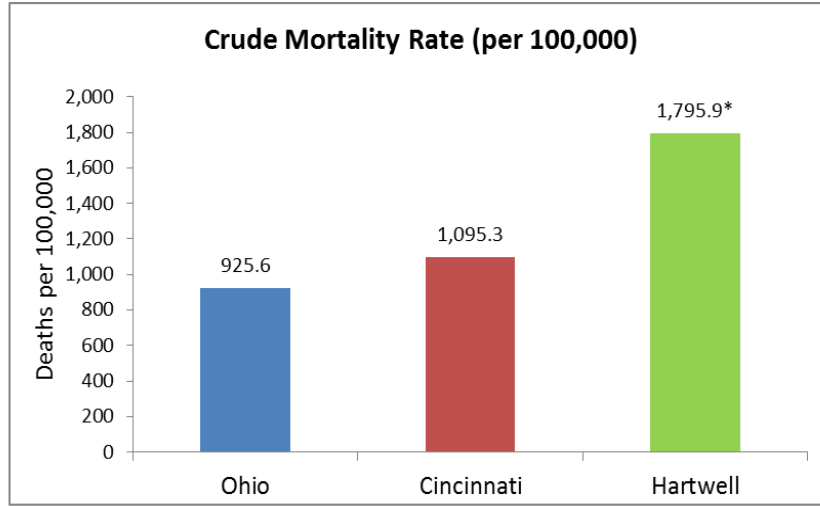


**Mortality Rates: Overall; Sex, Race, Age-Specific**



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

### Mortality Profile by Cause of Death\*

CAUSE OF DEATH*	Hartwell Deaths 2001-2007	Hartwell Deaths per Year	Hartwell Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
<b>Major cardiovascular diseases ^</b>	<b>160</b>	<b>22.9</b>	<b>414.64</b>	<b>265.16</b>	<b>1.56</b>	<b>8.81E-08</b>
All other forms of chronic ischemic heart disease ~	68	9.7	176.22	100.95	1.75	1.81E-05
All other forms of heart disease ~	34	4.9	88.11	48.59	1.81	0.002
Acute myocardial infarction ~	22	3.1	57.01	52.07	1.09	0.732
Heart failure	18	2.6	46.65	21.91	2.13	0.003
Hypertensive heart disease ~	12	1.7	31.10	24.49	1.27	0.500
Acute and subacute endocarditis	2	0.3	5.18	1.04	4.97	0.107
Atherosclerotic cardiovascular disease, so described	2	0.3	5.18	11.73	0.44	0.336
Acute rheumatic fever and chronic rheumatic heart diseases	1	0.1	2.59	1.39	1.86	0.637
Hypertensive heart and renal disease	1	0.1	2.59	2.14	1.21	0.731
<b>Other ^</b>	<b>126</b>	<b>18.0</b>	<b>326.53</b>	<b>163.06</b>	<b>2.00</b>	<b>1.54E-12</b>
All other diseases (Residual)	102	14.6	264.33	122.52	2.16	2.61E-12
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	12	1.7	31.10	13.36	2.33	0.008
Other diseases of arteries, arterioles and capillaries	4	0.6	10.37	6.06	1.71	0.430
Certain other intestinal infections	3	0.4	7.77	3.33	2.34	0.196
Other diseases of respiratory system	3	0.4	7.77	10.93	0.71	0.780
Other and unspecified infectious and parasitic diseases	2	0.3	5.18	3.13	1.66	0.441
<b>Malignant neoplasms ^</b>	<b>119</b>	<b>17.0</b>	<b>308.39</b>	<b>230.78</b>	<b>1.34</b>	<b>0.003</b>
Malignant neoplasms of trachea, bronchus and lung ~	29	4.1	75.15	70.85	1.06	0.741
All other and unspecified malignant neoplasms ~	21	3.0	54.42	26.33	2.07	0.003
Malignant neoplasm of breast	9	1.3	23.32	19.38	1.20	0.712
Malignant neoplasms of colon, rectum and anus	9	1.3	23.32	23.60	0.99	1.146
Leukemia	6	0.9	15.55	6.16	2.52	0.045
Malignant neoplasm of bladder	6	0.9	15.55	4.97	3.13	0.019
Non-Hodgkin's lymphoma	6	0.9	15.55	6.51	2.39	0.055
Malignant neoplasm of prostate	5	0.7	12.96	12.52	1.03	0.927
Malignant neoplasms of meninges, brain and other parts	5	0.7	12.96	3.68	3.52	0.022
Malignant neoplasms of corpus uteri and uterus,	4	0.6	10.37	3.63	2.86	0.077
Malignant neoplasm of larynx	3	0.4	7.77	2.04	3.82	0.072
Malignant neoplasm of ovary	3	0.4	7.77	4.67	1.66	0.649
Malignant neoplasm of stomach	3	0.4	7.77	4.97	1.56	0.637
Multiple myeloma and immunoproliferative neoplasms	3	0.4	7.77	5.51	1.41	0.620
Malignant melanoma of skin	2	0.3	5.18	1.79	2.90	0.240
Malignant neoplasm of pancreas	2	0.3	5.18	10.68	0.49	0.436
Malignant neoplasms of kidney and renal pelvis	1	0.1	2.59	4.62	0.56	0.931

\*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**  
Hartwell: 2001 - 2007

CAUSE OF DEATH*	Hartwell Deaths 2001-2007	Hartwell Deaths per Year	Hartwell Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Malignant neoplasms of kidney and renal pelvis	1	0.1	2.59	4.62	0.56	0.931
Malignant neoplasms of lip, oral cavity and pharynx	1	0.1	2.59	3.68	0.70	1.000
Malignant neoplasms of liver and intrahepatic bile ducts	1	0.1	2.59	6.46	0.40	0.572
<b>Cerebrovascular diseases ^~</b>	<b>58</b>	<b>8.3</b>	<b>150.31</b>	<b>71.05</b>	<b>2.12</b>	<b>2.48E-07</b>
<b>Alzheimer's disease ^~</b>	<b>44</b>	<b>6.3</b>	<b>114.03</b>	<b>29.76</b>	<b>3.83</b>	<b>1.40E-13</b>
<b>Chronic lower respiratory diseases ^</b>	<b>33</b>	<b>4.7</b>	<b>85.52</b>	<b>56.14</b>	<b>1.52</b>	<b>0.028</b>
Other chronic lower respiratory diseases ~	31	4.4	80.34	47.30	1.70	0.008
Asthma	1	0.1	2.59	3.23	0.80	1.000
Emphysema	1	0.1	2.59	4.92	0.53	0.864
<b>Accidents (unintentional injuries) ^</b>	<b>32</b>	<b>4.6</b>	<b>82.93</b>	<b>42.58</b>	<b>1.95</b>	<b>0.001</b>
Motor vehicle accidents	8	1.1	20.73	9.79	2.12	0.090
Falls	7	1.0	18.14	9.39	1.93	0.137
Other and unspecified nontransport accidents and their sequelae	7	1.0	18.14	7.60	2.39	0.038
Accidental poisoning and exposure to noxious substances	5	0.7	12.96	12.32	1.05	0.949
Accidental exposure to smoke, fire and flames	2	0.3	5.18	1.44	3.60	0.177
Other land transport accidents	2	0.3	5.18	0.15	34.77	0.002
Water, air and space, and other and unspecified transport accidents and their sequelae	1	0.1	2.59	0.55	4.74	0.348
<b>Influenza and pneumonia ^</b>	<b>20</b>	<b>2.9</b>	<b>51.83</b>	<b>21.86</b>	<b>2.37</b>	<b>0.001</b>
Pneumonia	20	2.9	51.83	21.61	2.40	0.001
<b>Diabetes mellitus ^~</b>	<b>19</b>	<b>2.7</b>	<b>49.24</b>	<b>44.76</b>	<b>1.10</b>	<b>0.683</b>
<b>Nephritis, nephrotic syndrome and nephrosis ^</b>	<b>12</b>	<b>1.7</b>	<b>31.10</b>	<b>23.20</b>	<b>1.34</b>	<b>0.376</b>
Renal failure	11	1.6	28.51	22.56	1.26	0.447
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	1	0.1	2.59	0.50	5.22	0.322
<b>Septicemia</b>	<b>11</b>	<b>1.6</b>	<b>28.51</b>	<b>17.39</b>	<b>1.64</b>	<b>0.146</b>
<b>Parkinson's disease</b>	<b>7</b>	<b>1.0</b>	<b>18.14</b>	<b>7.20</b>	<b>2.52</b>	<b>0.030</b>
<b>Essential (primary) hypertension and hypertensive renal disease</b>	<b>6</b>	<b>0.9</b>	<b>15.55</b>	<b>14.31</b>	<b>1.09</b>	<b>1.022</b>
<b>Pneumonitis due to solids and liquids</b>	<b>6</b>	<b>0.9</b>	<b>15.55</b>	<b>9.69</b>	<b>1.60</b>	<b>0.402</b>
<b>Certain conditions originating in the perinatal period</b>	<b>5</b>	<b>0.7</b>	<b>12.96</b>	<b>13.81</b>	<b>0.94</b>	<b>1.000</b>
<b>In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior</b>	<b>5</b>	<b>0.7</b>	<b>12.96</b>	<b>6.21</b>	<b>2.09</b>	<b>0.119</b>
<b>Intentional self-harm (suicide)</b>	<b>5</b>	<b>0.7</b>	<b>12.96</b>	<b>11.63</b>	<b>1.11</b>	<b>1.000</b>
Intentional self-harm (suicide) by other and unspecified means and their sequelae	3	0.4	7.77	6.56	1.19	0.991
Intentional self-harm (suicide) by discharge of firearms	2	0.3	5.18	5.07	1.02	0.824
<b>Other diseases of circulatory system</b>	<b>5</b>	<b>0.7</b>	<b>12.96</b>	<b>6.51</b>	<b>1.99</b>	<b>0.134</b>

\*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**  
Hartwell: 2001 - 2007

CAUSE OF DEATH*	Hartwell Deaths 2001- 2007	Hartwell Deaths per Year	Hartwell Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
<b>Assault (homicide)</b>	<b>4</b>	<b>0.6</b>	<b>10.37</b>	<b>19.08</b>	<b>0.54</b>	<b>0.280</b>
Assault (homicide) by discharge of firearms	2	0.3	5.18	14.71	0.35	0.152
Assault (homicide) by other and unspecified means and their sequelae	2	0.3	5.18	4.37	1.19	0.897
<b>Anemias</b>	<b>3</b>	<b>0.4</b>	<b>7.77</b>	<b>3.18</b>	<b>2.45</b>	<b>0.180</b>
<b>Atherosclerosis</b>	<b>3</b>	<b>0.4</b>	<b>7.77</b>	<b>2.34</b>	<b>3.33</b>	<b>0.097</b>
<b>Complications of medical and surgical care</b>	<b>2</b>	<b>0.3</b>	<b>5.18</b>	<b>1.24</b>	<b>4.17</b>	<b>0.141</b>
<b>Congenital malformations, deformations and chromosome abnormalities</b>	<b>2</b>	<b>0.3</b>	<b>5.18</b>	<b>6.66</b>	<b>0.78</b>	<b>1.000</b>
<b>Cholelithiasis and other disorders of gallbladder</b>	<b>1</b>	<b>0.1</b>	<b>2.59</b>	<b>1.39</b>	<b>1.86</b>	<b>0.637</b>
<b>Chronic liver disease and cirrhosis</b>	<b>1</b>	<b>0.1</b>	<b>2.59</b>	<b>10.98</b>	<b>0.24</b>	<b>0.148</b>
Other chronic liver disease and cirrhosis	1	0.1	2.59	5.51	0.47	0.739
<b>Human immunodeficiency virus (HIV) disease</b>	<b>1</b>	<b>0.1</b>	<b>2.59</b>	<b>5.96</b>	<b>0.43</b>	<b>0.656</b>
<b>Hyperplasia of prostate</b>	<b>1</b>	<b>0.1</b>	<b>2.59</b>	<b>0.50</b>	<b>5.22</b>	<b>0.322</b>
<b>Nutritional deficiencies</b>	<b>1</b>	<b>0.1</b>	<b>2.59</b>	<b>1.64</b>	<b>1.58</b>	<b>0.681</b>
Malnutrition	1	0.1	2.59	1.49	1.74	0.656
<b>Pregnancy, childbirth and the puerperium</b>	<b>1</b>	<b>0.1</b>	<b>2.59</b>	<b>0.25</b>	<b>10.43</b>	<b>0.177</b>
Other complications of pregnancy, childbirth and the puerperium	1	0.1	2.59	0.25	10.43	0.177

\*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*	Hartwell Deaths per Year	Hartwell Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Accidental exposure to smoke, fire and flames	0.3	5.18	1.44	3.60	0.177
Accidental poisoning and exposure to noxious substances	0.7	12.96	12.32	1.05	0.949
Acute and subacute endocarditis	0.3	5.18	1.04	4.97	0.107
Acute myocardial infarction	3.1	57.01	52.07	1.09	0.732
Acute rheumatic fever and chronic rheumatic heart diseases	0.1	2.59	1.39	1.86	0.637
All other and unspecified malignant neoplasms	3.0	54.42	26.33	2.07	0.003
All other diseases (Residual)	14.6	264.33	122.52	2.16	2.61E-12
All other forms of chronic ischemic heart disease	9.7	176.22	100.95	1.75	1.81E-05
All other forms of heart disease	4.9	88.11	48.59	1.81	0.002
Alzheimer's disease	6.3	114.03	29.76	3.83	1.40E-13
Anemias	0.4	7.77	3.18	2.45	0.180
Assault (homicide) by other and unspecified means and their sequelae	0.3	5.18	4.37	1.19	0.897
Atherosclerosis	0.4	7.77	2.34	3.33	0.097
Cerebrovascular diseases	8.3	150.31	71.05	2.12	2.48E-07
Certain other intestinal infections	0.4	7.77	3.33	2.34	0.196
Cholelithiasis and other disorders of gallbladder	0.1	2.59	1.39	1.86	0.637
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	0.1	2.59	0.50	5.22	0.322
Complications of medical and surgical care	0.3	5.18	1.24	4.17	0.141
Diabetes mellitus	2.7	49.24	44.76	1.10	0.683
Essential (primary) hypertension and hypertensive renal disease	0.9	15.55	14.31	1.09	1.022
Falls	1.0	18.14	9.39	1.93	0.137
Heart failure	2.6	46.65	21.91	2.13	0.003
Hyperplasia of prostate	0.1	2.59	0.50	5.22	0.322
Hypertensive heart and renal disease	0.1	2.59	2.14	1.21	0.731
Hypertensive heart disease	1.7	31.10	24.49	1.27	0.500
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	0.7	12.96	6.21	2.09	0.119
Intentional self-harm (suicide) by discharge of firearms	0.3	5.18	5.07	1.02	0.824
Intentional self-harm (suicide) by other and unspecified means and their sequelae	0.4	7.77	6.56	1.19	0.991
Leukemia	0.9	15.55	6.16	2.52	0.045
Malignant melanoma of skin	0.3	5.18	1.79	2.90	0.240
Malignant neoplasm of bladder	0.9	15.55	4.97	3.13	0.019
Malignant neoplasm of breast	1.3	23.32	19.38	1.20	0.712
Malignant neoplasm of larynx	0.4	7.77	2.04	3.82	0.072
Malignant neoplasm of ovary	0.4	7.77	4.67	1.66	0.649
Malignant neoplasm of prostate	0.7	12.96	12.52	1.03	0.927
Malignant neoplasm of stomach	0.4	7.77	4.97	1.56	0.637

\*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*	Hartwell Deaths per Year	Hartwell Rate per 100,000	Cincinnati Rate per 100,000	SMR**	P-Value
Malignant neoplasms of corpus uteri and uterus,	0.6	10.37	3.63	2.86	0.077
<b>Malignant neoplasms of meninges, brain and other parts</b>	<b>0.7</b>	<b>12.96</b>	<b>3.68</b>	<b>3.52</b>	<b>0.022</b>
Malignant neoplasms of trachea, bronchus and lung	4.1	75.15	70.85	1.06	0.741
Malnutrition	0.1	2.59	1.49	1.74	0.656
Motor vehicle accidents	1.1	20.73	9.79	2.12	0.090
Multiple myeloma and immunoproliferative neoplasms	0.4	7.77	5.51	1.41	0.620
Non-Hodgkin's lymphoma	0.9	15.55	6.51	2.39	0.055
Other and unspecified infectious and parasitic diseases	0.3	5.18	3.13	1.66	0.441
<b>Other and unspecified nontransport accidents and their sequelae</b>	<b>1.0</b>	<b>18.14</b>	<b>7.60</b>	<b>2.39</b>	<b>0.038</b>
<b>Other chronic lower respiratory diseases</b>	<b>4.4</b>	<b>80.34</b>	<b>47.30</b>	<b>1.70</b>	<b>0.008</b>
Other complications of pregnancy, childbirth and the puerperium	0.1	2.59	0.25	10.43	0.177
Other diseases of arteries, arterioles and capillaries	0.6	10.37	6.06	1.71	0.430
Other diseases of circulatory system	0.7	12.96	6.51	1.99	0.134
<b>Other land transport accidents</b>	<b>0.3</b>	<b>5.18</b>	<b>0.15</b>	<b>34.77</b>	<b>0.002</b>
<b>Parkinson's disease</b>	<b>1.0</b>	<b>18.14</b>	<b>7.20</b>	<b>2.52</b>	<b>0.030</b>
<b>Pneumonia</b>	<b>2.9</b>	<b>51.83</b>	<b>21.61</b>	<b>2.40</b>	<b>0.001</b>
Pneumonitis due to solids and liquids	0.9	15.55	9.69	1.60	0.402
Renal failure	1.6	28.51	22.56	1.26	0.447
Septicemia	1.6	28.51	17.39	1.64	0.146
<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>1.7</b>	<b>31.10</b>	<b>13.36</b>	<b>2.33</b>	<b>0.008</b>
Water, air and space, and other and unspecified transport accidents and their sequelae	0.1	2.59	0.55	4.74	0.348

\*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**