Cincinnati Health Department
Neighborhood Mortality Profile
Mt. Lookout-Columbia Tusculum: 2001 - 2007

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

Crude Mortality Rate (per 100,000)

<table>
<thead>
<tr>
<th>Location</th>
<th>Deaths per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ohio</td>
<td>925.6</td>
</tr>
<tr>
<td>Cincinnati</td>
<td>1,095.3</td>
</tr>
<tr>
<td>Mt. Lookout-Columbia Tusculum</td>
<td>503.8*</td>
</tr>
</tbody>
</table>

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

Sex-Specific Mortality Rate (per 100,000)

<table>
<thead>
<tr>
<th>Sex</th>
<th>Ohio</th>
<th>Cincinnati</th>
<th>Mt. Lookout-Columbia Tusculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>920.1</td>
<td>1,089.7</td>
<td>500.8*</td>
</tr>
<tr>
<td>Female</td>
<td>936.0</td>
<td>1,100.1</td>
<td>506.4*</td>
</tr>
</tbody>
</table>

Race-Specific Mortality Rate (per 100,000)

<table>
<thead>
<tr>
<th>Race</th>
<th>Ohio</th>
<th>Cincinnati</th>
<th>Mt. Lookout-Columbia Tusculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>953.9</td>
<td>1,315.6</td>
<td>532.5*</td>
</tr>
<tr>
<td>Black</td>
<td>862.2</td>
<td>980.9</td>
<td>154.0</td>
</tr>
<tr>
<td>Other</td>
<td>0.0</td>
<td>462.6*</td>
<td>49.2</td>
</tr>
</tbody>
</table>

Age-Specific Mortality Rate (per 100,000)

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Ohio</th>
<th>Cincinnati</th>
<th>Mt. Lookout-Columbia Tusculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 5</td>
<td>213</td>
<td>14</td>
<td>0</td>
</tr>
<tr>
<td>5 to 9</td>
<td>14</td>
<td>27</td>
<td>0</td>
</tr>
<tr>
<td>10 to 14</td>
<td>17</td>
<td>139</td>
<td>0</td>
</tr>
<tr>
<td>15 to 19</td>
<td>17</td>
<td>36</td>
<td>0</td>
</tr>
<tr>
<td>20 to 24</td>
<td>16</td>
<td>44</td>
<td>0</td>
</tr>
<tr>
<td>25 to 34</td>
<td>9</td>
<td>99</td>
<td>0</td>
</tr>
<tr>
<td>35 to 44</td>
<td>19</td>
<td>191</td>
<td>0</td>
</tr>
<tr>
<td>45 to 54</td>
<td>32</td>
<td>178</td>
<td>0</td>
</tr>
<tr>
<td>55 to 64</td>
<td>43</td>
<td>234</td>
<td>0</td>
</tr>
<tr>
<td>65 to 74</td>
<td>64</td>
<td>1,294</td>
<td>0</td>
</tr>
<tr>
<td>75 to 84</td>
<td>45</td>
<td>3,843</td>
<td>0</td>
</tr>
<tr>
<td>85+</td>
<td>5</td>
<td>9,768*</td>
<td>0</td>
</tr>
</tbody>
</table>

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## Mortality Profile by Cause of Death*

<table>
<thead>
<tr>
<th>CAUSE OF DEATH*</th>
<th>Mt Lookout - Columbia Tusculum Deaths 2001-2007</th>
<th>Mt Lookout - Columbia Tusculum Deaths per Year</th>
<th>Mt Lookout - Columbia Tusculum Rate per 100,000</th>
<th>Cincinnati Rate per 100,000</th>
<th>SMR**</th>
<th>P-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malignant neoplasms ^</td>
<td>30</td>
<td>4.3</td>
<td>137.39</td>
<td>230.78</td>
<td>0.60</td>
<td>0.003</td>
</tr>
<tr>
<td>Malignant neoplasms of trachea, bronchus and lung ~</td>
<td>9</td>
<td>1.3</td>
<td>41.22</td>
<td>70.85</td>
<td>0.58</td>
<td>0.110</td>
</tr>
<tr>
<td>Malignant neoplasms of colon, rectum and anus</td>
<td>4</td>
<td>0.6</td>
<td>18.32</td>
<td>23.60</td>
<td>0.78</td>
<td>0.826</td>
</tr>
<tr>
<td>Malignant neoplasm of breast</td>
<td>3</td>
<td>0.4</td>
<td>13.74</td>
<td>19.38</td>
<td>0.71</td>
<td>0.777</td>
</tr>
<tr>
<td>Malignant neoplasm of ovary</td>
<td>2</td>
<td>0.3</td>
<td>9.16</td>
<td>4.67</td>
<td>1.96</td>
<td>0.377</td>
</tr>
<tr>
<td>Malignant neoplasms of meninges, brain and other parts</td>
<td>2</td>
<td>0.3</td>
<td>9.16</td>
<td>3.68</td>
<td>2.49</td>
<td>0.290</td>
</tr>
<tr>
<td>Non-Hodgkin's lymphoma</td>
<td>2</td>
<td>0.3</td>
<td>9.16</td>
<td>6.51</td>
<td>1.41</td>
<td>0.970</td>
</tr>
<tr>
<td>All other and unspecified malignant neoplasms ~</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>26.33</td>
<td>0.17</td>
<td>0.042</td>
</tr>
<tr>
<td>Leukemia</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>6.16</td>
<td>0.74</td>
<td>1.000</td>
</tr>
<tr>
<td>Malignant neoplasm of bladder</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>4.97</td>
<td>0.92</td>
<td>1.000</td>
</tr>
<tr>
<td>Malignant neoplasm of cervix uteri</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>1.79</td>
<td>2.56</td>
<td>0.533</td>
</tr>
<tr>
<td>Malignant neoplasm of pancreas</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>10.68</td>
<td>0.43</td>
<td>0.644</td>
</tr>
<tr>
<td>Malignant neoplasm of prostate</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>12.52</td>
<td>0.37</td>
<td>0.482</td>
</tr>
<tr>
<td>Malignant neoplasm of stomach</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>4.97</td>
<td>0.92</td>
<td>1.000</td>
</tr>
<tr>
<td>Malignant neoplasms of liver and intrahepatic bile ducts</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>6.46</td>
<td>0.71</td>
<td>1.000</td>
</tr>
<tr>
<td>Major cardiovascular diseases ^</td>
<td>24</td>
<td>3.4</td>
<td>109.91</td>
<td>265.16</td>
<td>0.41</td>
<td>0.000</td>
</tr>
<tr>
<td>Acute myocardial infarction ~</td>
<td>8</td>
<td>1.1</td>
<td>36.64</td>
<td>52.07</td>
<td>0.70</td>
<td>0.399</td>
</tr>
<tr>
<td>All other forms of chronic ischemic heart disease ~</td>
<td>7</td>
<td>1.0</td>
<td>32.06</td>
<td>100.95</td>
<td>0.32</td>
<td>0.000</td>
</tr>
<tr>
<td>All other forms of heart disease ~</td>
<td>7</td>
<td>1.0</td>
<td>32.06</td>
<td>48.59</td>
<td>0.66</td>
<td>0.337</td>
</tr>
<tr>
<td>Atherosclerotic cardiovascular disease, so described</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>11.73</td>
<td>0.39</td>
<td>0.547</td>
</tr>
<tr>
<td>Heart failure</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>21.91</td>
<td>0.21</td>
<td>0.095</td>
</tr>
<tr>
<td>Other ^</td>
<td>11</td>
<td>1.6</td>
<td>50.38</td>
<td>163.06</td>
<td>0.31</td>
<td>0.000</td>
</tr>
<tr>
<td>All other diseases (Residual)</td>
<td>10</td>
<td>1.4</td>
<td>45.80</td>
<td>122.52</td>
<td>0.37</td>
<td>0.000</td>
</tr>
<tr>
<td>Other diseases of respiratory system</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>10.93</td>
<td>0.42</td>
<td>0.619</td>
</tr>
<tr>
<td>Accidents (unintentional injuries) ^</td>
<td>8</td>
<td>1.1</td>
<td>36.64</td>
<td>42.58</td>
<td>0.86</td>
<td>0.833</td>
</tr>
<tr>
<td>Motor vehicle accidents</td>
<td>5</td>
<td>0.7</td>
<td>22.90</td>
<td>9.79</td>
<td>2.34</td>
<td>0.087</td>
</tr>
<tr>
<td>Accidental poisoning and exposure to noxious substances</td>
<td>3</td>
<td>0.4</td>
<td>13.74</td>
<td>12.32</td>
<td>1.12</td>
<td>0.941</td>
</tr>
<tr>
<td>Cerebrovascular diseases ^~</td>
<td>6</td>
<td>0.9</td>
<td>27.48</td>
<td>71.05</td>
<td>0.39</td>
<td>0.011</td>
</tr>
</tbody>
</table>

*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
<table>
<thead>
<tr>
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<th>Mt Lookout - Columbia Tusculum Deaths per Year</th>
<th>Mt Lookout - Columbia Tusculum Rate per 100,000</th>
<th>Cincinnati Rate per 100,000</th>
<th>SMR**</th>
<th>P-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic lower respiratory diseases ^</td>
<td>6</td>
<td>0.9</td>
<td>27.48</td>
<td>56.14</td>
<td>0.49</td>
<td>0.078</td>
</tr>
<tr>
<td>Other chronic lower respiratory diseases ~</td>
<td>5</td>
<td>0.7</td>
<td>22.90</td>
<td>47.30</td>
<td>0.48</td>
<td>0.109</td>
</tr>
<tr>
<td>Asthma</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>3.23</td>
<td>1.42</td>
<td>0.702</td>
</tr>
<tr>
<td>Influenza and pneumonia ^</td>
<td>4</td>
<td>0.6</td>
<td>18.32</td>
<td>21.86</td>
<td>0.84</td>
<td>0.961</td>
</tr>
<tr>
<td>Pneumonia</td>
<td>4</td>
<td>0.6</td>
<td>18.32</td>
<td>21.61</td>
<td>0.85</td>
<td>0.981</td>
</tr>
<tr>
<td>Intentional self-harm (suicide)</td>
<td>4</td>
<td>0.6</td>
<td>18.32</td>
<td>11.63</td>
<td>1.58</td>
<td>0.430</td>
</tr>
<tr>
<td>Intentional self-harm (suicide) by discharge of firearms</td>
<td>2</td>
<td>0.3</td>
<td>9.16</td>
<td>5.07</td>
<td>1.81</td>
<td>0.407</td>
</tr>
<tr>
<td>Intentional self-harm (suicide) by other and unspecified means and their sequelae</td>
<td>2</td>
<td>0.3</td>
<td>9.16</td>
<td>6.56</td>
<td>1.40</td>
<td>0.967</td>
</tr>
<tr>
<td>Alzheimer's disease ^~</td>
<td>3</td>
<td>0.4</td>
<td>13.74</td>
<td>29.76</td>
<td>0.46</td>
<td>0.221</td>
</tr>
<tr>
<td>Chronic liver disease and cirrhosis</td>
<td>3</td>
<td>0.4</td>
<td>13.74</td>
<td>10.98</td>
<td>1.25</td>
<td>0.600</td>
</tr>
<tr>
<td>Alcoholic liver disease</td>
<td>3</td>
<td>0.4</td>
<td>13.74</td>
<td>5.47</td>
<td>2.51</td>
<td>0.172</td>
</tr>
<tr>
<td>Diabetes mellitus ^~</td>
<td>3</td>
<td>0.4</td>
<td>13.74</td>
<td>44.76</td>
<td>0.31</td>
<td>0.024</td>
</tr>
<tr>
<td>Nephritis, nephrotic syndrome and nephrosis ^</td>
<td>2</td>
<td>0.3</td>
<td>9.16</td>
<td>23.20</td>
<td>0.39</td>
<td>0.236</td>
</tr>
<tr>
<td>Renal failure</td>
<td>2</td>
<td>0.3</td>
<td>9.16</td>
<td>22.56</td>
<td>0.41</td>
<td>0.259</td>
</tr>
<tr>
<td>Cholelithiasis and other disorders of gallbladder</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>1.39</td>
<td>3.29</td>
<td>0.453</td>
</tr>
<tr>
<td>Human immunodeficiency virus (HIV) disease</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>5.96</td>
<td>0.77</td>
<td>1.000</td>
</tr>
<tr>
<td>Other diseases of circulatory system</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>6.51</td>
<td>0.70</td>
<td>1.000</td>
</tr>
<tr>
<td>Peptic ulcer</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>2.19</td>
<td>2.09</td>
<td>0.597</td>
</tr>
<tr>
<td>Pneumonitis due to solids and liquids</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>9.69</td>
<td>0.47</td>
<td>0.748</td>
</tr>
<tr>
<td>Septicemia</td>
<td>1</td>
<td>0.1</td>
<td>4.58</td>
<td>17.39</td>
<td>0.26</td>
<td>0.213</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>CAUSE OF DEATH*</th>
<th>Mt Lookout - Columbia Tusculum Deaths per Year</th>
<th>Mt Lookout - Columbia Tusculum Rate per 100,000</th>
<th>Cincinnati Rate per 100,000</th>
<th>SMR**</th>
<th>P-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accidental poisoning and exposure to noxious substances</td>
<td>0.4</td>
<td>13.74</td>
<td>12.32</td>
<td>1.12</td>
<td>0.941</td>
</tr>
<tr>
<td>Alcoholic liver disease</td>
<td>0.4</td>
<td>13.74</td>
<td>5.47</td>
<td>2.51</td>
<td>0.172</td>
</tr>
<tr>
<td>Asthma</td>
<td>0.1</td>
<td>4.58</td>
<td>3.23</td>
<td>1.42</td>
<td>0.702</td>
</tr>
<tr>
<td>Cholelithiasis and other disorders of gallbladder</td>
<td>0.1</td>
<td>4.58</td>
<td>1.39</td>
<td>3.29</td>
<td>0.453</td>
</tr>
<tr>
<td>Intentional self-harm (suicide) by discharge of firearms</td>
<td>0.3</td>
<td>9.16</td>
<td>5.07</td>
<td>1.81</td>
<td>0.407</td>
</tr>
<tr>
<td>Intentional self-harm (suicide) by other and unspecified means and their sequelae</td>
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<td>9.16</td>
<td>6.56</td>
<td>1.40</td>
<td>0.967</td>
</tr>
<tr>
<td>Malignant neoplasm of cervix uteri</td>
<td>0.1</td>
<td>4.58</td>
<td>1.79</td>
<td>2.56</td>
<td>0.533</td>
</tr>
<tr>
<td>Malignant neoplasm of ovary</td>
<td>0.3</td>
<td>9.16</td>
<td>4.67</td>
<td>1.96</td>
<td>0.377</td>
</tr>
<tr>
<td>Malignant neoplasms of meninges, brain and other parts</td>
<td>0.3</td>
<td>9.16</td>
<td>3.68</td>
<td>2.49</td>
<td>0.290</td>
</tr>
<tr>
<td>Motor vehicle accidents</td>
<td>0.7</td>
<td>22.90</td>
<td>9.79</td>
<td>2.34</td>
<td>0.087</td>
</tr>
<tr>
<td>Non-Hodgkin's lymphoma</td>
<td>0.3</td>
<td>9.16</td>
<td>6.51</td>
<td>1.41</td>
<td>0.970</td>
</tr>
<tr>
<td>Peptic ulcer</td>
<td>0.1</td>
<td>4.58</td>
<td>2.19</td>
<td>2.09</td>
<td>0.597</td>
</tr>
</tbody>
</table>

*NCHS 113 cause of death groupings  
**SMR: Standardized Mortality Ratio – ratio of neighborhood rate to City of Cincinnati rate  
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