COUNTY PROFILE: Leslie County, Kentucky

US COUNTY PERFORMANCE
The Institute for Health Metrics and Evaluation (IHME) at the University of Washington analyzed the performance of all 3,142 US counties or county-equivalents in terms of life expectancy at birth, mortality rates for select causes, alcohol use, smoking prevalence, obesity prevalence, and recommended physical activity using novel small area estimation techniques and the most up-to-date county-level information.

Explore more results using the interactive US Health Map data visualization (http://vizhub.healthdata.org/subnational/usa).

FINDINGS: LIFE EXPECTANCY

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
<th>Kentucky</th>
<th>National</th>
<th>National rank</th>
<th>% change 1980-2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>74.7</td>
<td>78.8</td>
<td>81.5</td>
<td>3130</td>
<td>-4.4</td>
</tr>
<tr>
<td>Male</td>
<td>68.0</td>
<td>73.7</td>
<td>76.7</td>
<td>3120</td>
<td>-0.2</td>
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life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014
Fig. 2: Male life expectancy, 2014

FINDINGS: ALL-CAUSE MORTALITY

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
<th>Kentucky</th>
<th>National</th>
<th>National rank</th>
<th>% change 1980-2014</th>
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</thead>
<tbody>
<tr>
<td>Female</td>
<td>1108.8</td>
<td>827.2</td>
<td>667.8</td>
<td>3130</td>
<td>+47.4</td>
</tr>
<tr>
<td>Male</td>
<td>1652.7</td>
<td>1168.6</td>
<td>930.1</td>
<td>3131</td>
<td>+9.7</td>
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</tbody>
</table>

rate per 100,000 population, age-standardized, 2014

Fig. 3: Female all-cause mortality, 2014
Fig. 4: Male all-cause mortality, 2014
FINDINGS: ISCHEMIC HEART DISEASE

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
<th>Kentucky</th>
<th>National</th>
<th>National rank</th>
<th>% change 1980-2014</th>
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</thead>
<tbody>
<tr>
<td>Female</td>
<td>199.7</td>
<td>149.9</td>
<td>124.9</td>
<td>2902</td>
<td>-10.3</td>
</tr>
<tr>
<td>Male</td>
<td>326.8</td>
<td>235.3</td>
<td>191.5</td>
<td>3027</td>
<td>-17.2</td>
</tr>
</tbody>
</table>

rate per 100,000 population, age-standardized, 2014

Fig. 5: Female ischemic heart disease, 2014

Fig. 6: Male ischemic heart disease, 2014

FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
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<th>National</th>
<th>National rank</th>
<th>% change 1980-2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>55.5</td>
<td>55.3</td>
<td>47.4</td>
<td>2026</td>
<td>-10.8</td>
</tr>
<tr>
<td>Male</td>
<td>53.6</td>
<td>55.4</td>
<td>48.8</td>
<td>1759</td>
<td>-35.2</td>
</tr>
</tbody>
</table>

rate per 100,000 population, age-standardized, 2014

Fig. 7: Female cerebrovascular disease (stroke), 2014

Fig. 8: Male cerebrovascular disease (stroke), 2014
FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
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<th>National</th>
<th>National rank</th>
<th>% change 1980-2014</th>
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<tbody>
<tr>
<td>Female</td>
<td>112.0</td>
<td>67.8</td>
<td>43.8</td>
<td>3139</td>
<td>+229.5</td>
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<tr>
<td>Male</td>
<td>178.0</td>
<td>113.1</td>
<td>67.6</td>
<td>3137</td>
<td>+10.3</td>
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rate per 100,000 population, age-standardized, 2014

Fig. 9: Female tracheal, bronchus, and lung cancer, 2014
Fig. 10: Male tracheal, bronchus, and lung cancer, 2014

FINDINGS: BREAST CANCER

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
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<th>% change 1980-2014</th>
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<tbody>
<tr>
<td>Female</td>
<td>29.7</td>
<td>27.6</td>
<td>25.9</td>
<td>2597</td>
<td>+11.9</td>
</tr>
<tr>
<td>Male</td>
<td>0.3</td>
<td>0.3</td>
<td>0.3</td>
<td>1709</td>
<td>-10.1</td>
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rate per 100,000 population, age-standardized, 2014

Fig. 11: Female breast cancer, 2014
Fig. 12: Male breast cancer, 2014
**FINDINGS: MALIGNANT SKIN MELANOMA**

<table>
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<tr>
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<th>% change 1980-2014</th>
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<tr>
<td>Female</td>
<td>2.5</td>
<td>2.3</td>
<td>1.9</td>
<td>2603</td>
<td>+18.5</td>
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<tr>
<td>Male</td>
<td>5.4</td>
<td>5.6</td>
<td>4.5</td>
<td>2226</td>
<td>+54.6</td>
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rate per 100,000 population, age-standardized, 2014

![Fig. 13: Female malignant skin melanoma, 2014](image13)

![Fig. 14: Male malignant skin melanoma, 2014](image14)

**FINDINGS: DIABETES, UROGENITAL, BLOOD, AND ENDOCRINE DISEASES MORTALITY**

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
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<th>National</th>
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<th>% change 1980-2014</th>
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<tbody>
<tr>
<td>Female</td>
<td>102.9</td>
<td>62.9</td>
<td>49.6</td>
<td>3080</td>
<td>+144.6</td>
</tr>
<tr>
<td>Male</td>
<td>121.9</td>
<td>78.4</td>
<td>63.8</td>
<td>3093</td>
<td>+105.3</td>
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rate per 100,000 population, age-standardized, 2014

![Fig. 15: Female diabetes, urogenital, blood, and endocrine diseases mortality, 2014](image15)

![Fig. 16: Male diabetes, urogenital, blood, and endocrine diseases mortality, 2014](image16)
FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

<table>
<thead>
<tr>
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<th>% change 1980-2014</th>
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<tbody>
<tr>
<td>Female</td>
<td>11.5</td>
<td>10.3</td>
<td>9.0</td>
<td>2275</td>
<td>+11.9</td>
</tr>
<tr>
<td>Male</td>
<td>46.1</td>
<td>35.4</td>
<td>30.9</td>
<td>2761</td>
<td>-35.5</td>
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rate per 100,000 population, age-standardized, 2014

Fig. 17: Female self-harm and interpersonal violence mortality, 2014
Fig. 18: Male self-harm and interpersonal violence mortality, 2014

FINDINGS: TRANSPORT INJURIES MORTALITY

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Female</td>
<td>26.2</td>
<td>12.7</td>
<td>8.1</td>
<td>3064</td>
<td>+56.3</td>
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<tr>
<td>Male</td>
<td>67.9</td>
<td>29.1</td>
<td>19.8</td>
<td>3099</td>
<td>+18.1</td>
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rate per 100,000 population, age-standardized, 2014

Fig. 19: Female transport injuries mortality, 2014
Fig. 20: Male transport injuries mortality, 2014
### FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
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<th>National rank</th>
<th>% change 1980-2014</th>
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</thead>
<tbody>
<tr>
<td>Female</td>
<td>32.7</td>
<td>15.0</td>
<td>8.2</td>
<td>3137</td>
<td>+3065.5</td>
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<tr>
<td>Male</td>
<td>58.7</td>
<td>29.1</td>
<td>18.7</td>
<td>3123</td>
<td>+1072.9</td>
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rate per 100,000 population, age-standardized, 2014

Fig. 21: Female mental and substance use disorders mortality, 2014

Fig. 22: Male mental and substance use disorders mortality, 2014

### FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
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<th>National rank</th>
<th>% change 1980-2014</th>
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<tr>
<td>Female</td>
<td>19.2</td>
<td>13.2</td>
<td>11.8</td>
<td>2916</td>
<td>+100.5</td>
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<tr>
<td>Male</td>
<td>32.0</td>
<td>25.4</td>
<td>22.2</td>
<td>2727</td>
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rate per 100,000 population, age-standardized, 2014

Fig. 23: Female cirrhosis and other chronic liver diseases mortality, 2014

Fig. 24: Male cirrhosis and other chronic liver diseases mortality, 2014
FINDINGS: HEAVY DRINKING

<table>
<thead>
<tr>
<th>Sex</th>
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<th>National rank</th>
<th>% change 2005-2012</th>
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<tbody>
<tr>
<td>Female</td>
<td>1.6</td>
<td>4.6</td>
<td>6.7</td>
<td>51</td>
<td>+67.4</td>
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<tr>
<td>Male</td>
<td>7.0</td>
<td>10.0</td>
<td>9.9</td>
<td>229</td>
<td>+34.7</td>
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prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012
Fig. 26: Male heavy drinking, 2012

FINDINGS: BINGE DRINKING

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
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<th>% change 2002-2012</th>
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<tr>
<td>Female</td>
<td>4.7</td>
<td>9.5</td>
<td>12.4</td>
<td>86</td>
<td>+125.6</td>
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<tr>
<td>Male</td>
<td>15.9</td>
<td>21.0</td>
<td>24.5</td>
<td>154</td>
<td>+64.1</td>
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prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012
Fig. 28: Male binge drinking, 2012
FINDINGS: SMOKING

<table>
<thead>
<tr>
<th>Sex</th>
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<th>% change 1996-2012</th>
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</thead>
<tbody>
<tr>
<td>Female</td>
<td>32.8</td>
<td>26.0</td>
<td>17.9</td>
<td>3125</td>
<td>-1.4</td>
</tr>
<tr>
<td>Male</td>
<td>33.1</td>
<td>28.8</td>
<td>22.2</td>
<td>3049</td>
<td>-10.7</td>
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prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012  
Fig. 30: Male smoking, 2012

FINDINGS: OBESITY

<table>
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<tr>
<th>Sex</th>
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<tr>
<td>Female</td>
<td>44.7</td>
<td>39.3</td>
<td>36.1</td>
<td>2718</td>
<td>+15.4</td>
</tr>
<tr>
<td>Male</td>
<td>45.0</td>
<td>37.5</td>
<td>33.8</td>
<td>3127</td>
<td>+34.4</td>
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</table>

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011  
Fig. 32: Male obesity, 2011
### FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

<table>
<thead>
<tr>
<th>Sex</th>
<th>Leslie County</th>
<th>Kentucky</th>
<th>National</th>
<th>National rank</th>
<th>% change 2001-2011</th>
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<tbody>
<tr>
<td>Female</td>
<td>32.8</td>
<td>45.8</td>
<td>52.6</td>
<td>3117</td>
<td>+51.0</td>
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<tr>
<td>Male</td>
<td>36.6</td>
<td>49.9</td>
<td>56.3</td>
<td>3132</td>
<td>+22.3</td>
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Prevalence (%), age-standardized, 2011

Fig. 33: Female recommended physical activity, 2011

Fig. 34: Male recommended physical activity, 2011

### CITATION:

Institute for Health Metrics and Evaluation (IHME),
US County Profile: Leslie County, Kentucky.