## HEALTH

### Asthma Hospitalizations

- 4.4
  - Age-adjusted rate of hospitalizations per 10,000 people in 2016
  - State Rate: 6.6

### COPD Hospitalizations

- 25.4
  - Age-adjusted rate of hospitalizations per 10,000 people in 2016
  - State Rate: 26.1

### Carbon Monoxide Hospitalizations

- 0.0
  - Age-adjusted rate of hospitalizations per 100,000 people in 2016
  - State Rate: 1.0

### Heart Attack Hospitalizations

- 20.4
  - Age-adjusted rate of hospitalizations per 10,000 people in 2016
  - State Rate: 23.4

### Melanoma Incidence

- 37.4
  - Age-adjusted rate of incidence per 100,000 people in 2016
  - State Rate: 27.9

### Asthma ER Visits

- 24.8
  - Age-adjusted rate of ER visits per 10,000 people in 2016
  - State Rate: 50.9

### COPD ER Visits

- 73.9
  - Age-adjusted rate of ER visits per 10,000 people in 2016
  - State Rate: 75.5

### Carbon Monoxide ER Visits

- 0.0
  - Age-adjusted rate of ER visits per 100,000 people in 2016
  - State Rate: 4.9

### Heat Related Illness

- 115.8
  - Age-adjusted rate of ER visits per 100,000 people in 2016
  - State Rate: 55.8

### Lung Cancer Incidence

- 64.9
  - Age-adjusted rate of incidence per 100,000 people in 2016
  - State Rate: 68.2

## DRINKING WATER

### Public Drinking Water Systems

- 10
  - Number of public drinking water systems

### Private Drinking Water Wells

- 1,129
  - Number of private drinking water wells

* Counts less than 20 are considered unreliable.
Ø Non-zero counts less than 5 are suppressed for patient confidentiality.
# Perry County Environmental Health Profile

## Air Quality

### Asthma/ Lung Disease
- Number of unhealthy days for people with asthma/ lung disease in 2016: 1
- Maximum for counties with monitors: 12

### Heart Disease
- Number of unhealthy days for people with heart disease in 2016: 0
- Maximum for counties with monitors: 1

### Children and Elderly
- Number of unhealthy days for children and the elderly in 2016: 1
- Maximum for counties with monitors: 12

### Active People
- Number of unhealthy days for people active outdoors in 2016: 1
- Maximum for counties with monitors: 12

## Climate

### Extreme Precipitation
- Number of days with more than 1 inch of precipitation in 2016: 12

### Extreme Heat
- Number of days with a high temperature above 90° F in 2016: 45

### Severe Drought
- Number of weeks with severe drought in 2016: 0

## Environment

### Environmental Remediation Program
Follow this link to the Missouri Department of Natural Resources website to view a map and find information about hazardous substance investigation and cleanup sites.

### Fish Consumption Advisories
- Statewide Advisory for Sensitive Populations^: All U.S. water bodies: All Fish (All Sizes)- 1 serving/ week; Sturgeon Eggs- Do Not Eat; Flathead, Channel, & Blue Catfish (>17")- 1 serving/ week; Buffalo (All Sizes)- 1 serving/ month; Common Carp (>21")- 1 serving/ week
- Missouri River: Shovelnose Sturgeon (All Sizes)- 1 serving/ month; Sturgeon Eggs- Do Not Eat; Flathead, Channel, & Blue Catfish (>30")- 1 serving/ month

### Radon

#### Percent Elevated
- 27.6%

#### Percent Tested
- 0.7%

^Women who are pregnant, nursing, or of childbearing age, and children younger than 13. All U.S. water bodies: All Fish (All Sizes)- 1 serving/ week. All MO water bodies: Walleye, Largemouth, Smallmouth, & Spotted Bass (>12")- 1 serving/ month; Flathead, Channel, & Blue Catfish (>17")- 1 serving/ week; Buffalo (All Sizes)- 1 serving/ month; Common Carp (>21")- 1 serving/ week; Flathead, Channel, & Blue Catfish (>30")- 1 serving/ month.

## Lead

### Lead Exposure Risk Factors:
- Childhood blood lead testing rate below state average
- Pre 1980 Housing Rate above state average
- Adult elevated blood lead rate above state average

### Missouri Lead Exposure Risk Tool

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**MISSOURI ENVIRONMENTAL PUBLIC HEALTH TRACKING PROGRAM**
Bureau of Environmental Epidemiology
Missouri Department of Health & Senior Services
ephtn.dhss.mo.gov | EPHTN@health.mo.gov
<table>
<thead>
<tr>
<th>Source</th>
<th>Years</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smoking</td>
<td>MOPHIMS - County-Level Study Profile 2016</td>
<td>Percentage of adults who currently smoke cigarettes. State rate: 21.9%. Source: DHSS – Missouri Public Health Information Management System (MOPHIMS), Missouri County Level Study.</td>
</tr>
<tr>
<td>Minorities</td>
<td>U.S. Census Bureau 2010</td>
<td>Percentage of racial and ethnic minorities. State rate: 19%. Source: 2010 U.S. Census, Summary File 1, Table GCT-P3.</td>
</tr>
<tr>
<td>Asthma</td>
<td>MOPHIMS-EPHT 2016</td>
<td>Age-adjusted rates of emergency room (ER) visits and hospitalizations for asthma and COPD; and hospitalizations for heart attack per 10,000 people, based on the 2000 U.S. Census standard population. Source: DHSS MOPHIMS-Environmental Public Health Tracking (EPHT).</td>
</tr>
<tr>
<td>COPD</td>
<td>DHSS-EPHT</td>
<td></td>
</tr>
<tr>
<td>Heart Attack</td>
<td>MOPHIMS-EPHT 2016</td>
<td></td>
</tr>
<tr>
<td>Carbon Monoxide</td>
<td>MOPHIMS-EPHT 2016</td>
<td>Age-adjusted rates of ER visits and hospitalizations for carbon monoxide poisoning; incidence of melanoma; and incidence of lung cancer per 100,000 people, based on the 2000 U.S. Census standard population. Source: DHSS MOPHIMS-EPHT (carbon monoxide and heart attack data); DHSS MOPHIMS-Missouri Information for Community Assessment (MICA) (cancer incidence).</td>
</tr>
<tr>
<td>Melanoma</td>
<td>MOPHIMS-MICA</td>
<td></td>
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<tr>
<td>Lung Cancer</td>
<td>DHSS-EPHT</td>
<td></td>
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<tr>
<td>Heat Related Illness</td>
<td>DHSS-EPHT 2016</td>
<td>Age-adjusted rate of ER visits per 100,000 people, based on the 2000 U.S. Census standard population. Source: DHSS Bureau of Environmental Epidemiology, EPHT.</td>
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### Air Quality

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<tr>
<td>EPA AirCompare MOPHIMS-EPHT</td>
<td>2016</td>
<td>Number of unhealthy days for populations with asthma or other chronic lung disease; children and the elderly; populations with heart disease; and active people. Source: EPA AirCompare tool, based on air quality data collected from air monitors in 24 counties. Air quality data available from DHSS MOPHIMS-EPHT.</td>
</tr>
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### Climate

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<tr>
<td>National EPHT Portal</td>
<td>2016</td>
<td>Number of days with one or more inches of precipitation. Source: CDC, National Environmental Public Health Tracking Data Explorer.</td>
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<tr>
<td>National EPHT Portal</td>
<td>2016</td>
<td>Number of days with a high temperature at or above 90°F. Source: CDC, National Environmental Public Health Tracking Data Explorer.</td>
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<tr>
<td>National EPHT Portal</td>
<td>2016</td>
<td>Number of weeks with severe drought. Source: CDC, National Environmental Public Health Tracking Data Explorer.</td>
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### Environment

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<tr>
<td>DNR Environmental Remediation Program</td>
<td>2019</td>
<td>The Missouri Department of Natural Resources, Environmental Remediation Program maintains a map and logs information on all hazardous substance investigation and cleanup sites in the state.</td>
</tr>
</tbody>
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### Radon

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<tr>
<td>DHSS-EPHT</td>
<td>2008-2018</td>
<td>Percentage of homes with test results showing elevated (&gt; 4 pCi/L) radon levels. Source: DHSS Bureau of Environmental Epidemiology, Indoor Air Quality Database.</td>
</tr>
<tr>
<td>DHSS-EPHT American Community Survey</td>
<td>2008-2018</td>
<td>Percentage of homes tested for radon. Source: DHSS Bureau of Environmental Epidemiology, Indoor Air Quality Database (radon data); American Community Survey, 2018 Population Estimates, Table PEPANNHU (housing data).</td>
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</tbody>
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### Lead

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<tr>
<td>DHSS-EPHT</td>
<td>2018</td>
<td>Lead exposure risk factors contributing to the overall exposure risk. Source: DHSS Bureau of Environmental Epidemiology, EPHT.</td>
</tr>
<tr>
<td>DHSS-EPHT</td>
<td>2018</td>
<td>Statewide break down of lead exposure risk factors by county and zip code. Source: DHSS Bureau of Environmental Epidemiology, EPHT.</td>
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**Missouri Environmental Public Health Tracking Program**

Bureau of Environmental Epidemiology

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