### HEALTH

#### Asthma Hospitalizations
- **Age-adjusted rate of hospitalizations per 10,000 people in 2016**
  - **State Rate:** 6.6
- **Asthma ER Visits**
  - **Age-adjusted rate of ER visits per 10,000 people in 2016**
  - **State Rate:** 50.9

#### COPD Hospitalizations
- **Age-adjusted rate of hospitalizations per 10,000 people in 2016**
  - **State Rate:** 26.1
- **COPD ER Visits**
  - **Age-adjusted rate of ER visits per 10,000 people in 2016**
  - **State Rate:** 75.5

#### Carbon Monoxide Hospitalizations
- **Age-adjusted rate of hospitalizations per 100,000 people in 2016**
  - **State Rate:** 1.0
- **Carbon Monoxide ER Visits**
  - **Age-adjusted rate of ER visits per 100,000 people in 2016**
  - **State Rate:** 4.9

#### Heart Attack Hospitalizations
- **Age-adjusted rate of hospitalizations per 10,000 people in 2016**
  - **State Rate:** 23.4

#### Melanoma Incidence
- **Age-adjusted rate of incidence per 100,000 people in 2016**
  - **State Rate:** 27.9

#### Heat Related Illness
- **Age-adjusted rate of ER visits per 100,000 people in 2016**
  - **State Rate:** 55.8

#### Lung Cancer Incidence
- **Age-adjusted rate of incidence per 100,000 people in 2016**
  - **State Rate:** 68.2

### DRINKING WATER

#### Public Drinking Water Systems
- **Number of public drinking water systems:** 3

#### Private Drinking Water Wells
- **Number of private drinking water wells:** 717

*Counts less than 20 are considered unreliable.*
*Non-zero counts less than 5 are suppressed for patient confidentiality.*
**AIR QUALITY**

- **Asthma/ Lung Disease**
  - No Air Monitors: Number of unhealthy days for people with asthma/ lung disease in 2016
  - Maximum for counties with monitors: 12

- **Heart Disease**
  - No Air Monitors: Number of unhealthy days for people with heart disease in 2016
  - Maximum for counties with monitors: 1

- **Children and Elderly**
  - No Air Monitors: Number of unhealthy days for children and the elderly in 2016
  - Maximum for counties with monitors: 12

- **Active People**
  - No Air Monitors: Number of unhealthy days for people active outdoors in 2016
  - Maximum for counties with monitors: 1

**CLIMATE**

- **Extreme Precipitation**
  - 14 days with more than 1 inch of precipitation in 2016

- **Extreme Heat**
  - 29 days with a high temperature above 90°F in 2016

- **Severe Drought**
  - 0 weeks with severe drought in 2016

**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^ • Adair Creek/ Logan Creek/ Sweetwater Creek: Suckers & other bottom feeding species (All Sizes)- Do Not Eat • Clearwater Lake (Sensitive Populations): White Bass (>15")- 1 serving/ month; Crappie (>9")- 1 serving/ month

**RADON**

- **Percent Elevated**
  - 25.0%
  - Percent of homes tested between 2008-2018 with elevated radon levels

- **Percent Tested**
  - 0.1%
  - Percent of homes tested between 2008-2018

**LEAD**

- **Lead Exposure Risk Factors:**
  - Childhood elevated blood lead rate above state average
  - Pre 1980 Housing Rate above state average
  - NPL or IMM Lead Sites
  - Adult elevated blood lead rate above state average

- **Missouri Lead Exposure Risk Tool**

^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 (>30") 1 serving/ month.
## ABOUT THE DATA
### ENVIRONMENTAL HEALTH PROFILE

<table>
<thead>
<tr>
<th>Source</th>
<th>Years</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minorities</td>
<td>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</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>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>Heart Attack</td>
<td>DHSS-EPHT</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>
</tr>
<tr>
<td>Heat Related Illness</td>
<td>DHSS-EPHT</td>
<td>Number of public drinking water systems. Source: Department of Natural Resources, Public Drinking Water Branch. Water quality data available from DHSS MOPHIMS-EPHT.</td>
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# ABOUT THE DATA

## ENVIRONMENTAL HEALTH PROFILE

### AIR QUALITY

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<tr>
<td>EPA AirCompare</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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<td>MOPHIMS-EPHT</td>
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### CLIMATE

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<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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<td></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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<td></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</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>
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</table>

### RADON

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<tbody>
<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>Percent Tested</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>
</tr>
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</table>

### 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>Missouri Lead Exposure Risk Tool</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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