**HEALTH**

**Asthma Hospitalizations**

- 0.0
  - Age-adjusted rate of hospitalizations per 10,000 people in 2016
  - State Rate: 6.6

**COPD Hospitalizations**

- 21.3
  - 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**

- 25.7
  - Age-adjusted rate of hospitalizations per 10,000 people in 2016
  - State Rate: 23.4

**Melanoma Incidence**

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

**Asthma ER Visits**

- 12.3
  - Age-adjusted rate of ER visits per 10,000 people in 2016
  - State Rate: 50.9

**COPD ER Visits**

- 63.8
  - 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**

- 67.1
  - Age-adjusted rate of ER visits per 100,000 people in 2016
  - State Rate: 55.8

**Lung Cancer Incidence**

- 94.8
  - Age-adjusted rate of incidence per 100,000 people in 2016
  - State Rate: 68.2

**DRINKING WATER**

**Public Drinking Water Systems**

- 11
  - Number of public drinking water systems

**Private Drinking Water Wells**

- 1610
  - 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.
**HICKORY COUNTY**
ENVIRONMENTAL HEALTH PROFILE

---

**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: 12

---

**CLIMATE**

### Extreme Precipitation
- Number of days with more than 1 inch of precipitation in 2016
- 9

### Extreme Heat
- Number of days with a high temperature above 90°F in 2016
- 58

### 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^

---

**RADON**

### Percent Elevated
- Percent of homes tested between 2008-2018 with elevated radon levels
- 18.8%

### Percent Tested
- Percent of homes tested between 2008-2018
- 0.2%

---

**LEAD**

### Lead Exposure Risk Factors:
- Childhood blood lead testing rate below state average
- Elevated blood lead confirmation rate below state average

---

^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.

---

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><strong>Smoking</strong></td>
<td>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><strong>Minorities</strong></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><strong>Asthma</strong></td>
<td>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>
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<tr>
<td><strong>COPD</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Heart Attack</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Carbon Monoxide</strong></td>
<td>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>
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<tr>
<td><strong>Melanoma</strong></td>
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<tr>
<td><strong>Lung Cancer</strong></td>
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<td></td>
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<tr>
<td><strong>Heat Related Illness</strong></td>
<td>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>
</tr>
<tr>
<td><strong>Public Drinking Water Systems</strong></td>
<td>2019</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>
</tr>
<tr>
<td><strong>Private Drinking Water Wells</strong></td>
<td>1978-2017</td>
<td>Number of private drinking water wells. Source: DHSS Bureau of Environmental Epidemiology, EPHT and Private Drinking Water Program.</td>
</tr>
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</table>
# ABOUT THE DATA

## AIR QUALITY

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<td>Asthma/ Lung Disease</td>
<td></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>
<tr>
<td>Heart Disease</td>
<td></td>
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<td>Active People</td>
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## CLIMATE

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<td>Extreme Precipitation</td>
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<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>Extreme Heat</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>Severe Drought</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>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>
<tr>
<td>Fish Consumption Advisories</td>
<td>2019</td>
<td>2019 Missouri Fish Advisories. Source: DHSS Bureau of Environmental Epidemiology.</td>
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## RADON

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<tr>
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<tbody>
<tr>
<td>Percent Elevated</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>
</tbody>
</table>

## LEAD

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<tr>
<td>Lead Exposure Risk Factors</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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