**HEALTH**

**Asthma Hospitalizations**
- Age-adjusted rate of hospitalizations per 10,000 people in 2016: 4.3
  - State Rate: 6.6

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

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

**Heart Attack Hospitalizations**
- Age-adjusted rate of hospitalizations per 10,000 people in 2016: 35.4
  - State Rate: 23.4

**Melanoma Incidence**
- Age-adjusted rate of incidence per 100,000 people in 2016: 33.4
  - State Rate: 27.9

**Asthma ER Visits**
- Age-adjusted rate of ER visits per 10,000 people in 2016: 38.4
  - State Rate: 50.9

**COPD ER Visits**
- Age-adjusted rate of ER visits per 10,000 people in 2016: 103.7
  - State Rate: 75.5

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

**Heat Related Illness**
- Age-adjusted rate of ER visits per 100,000 people in 2016: 52.7
  - State Rate: 55.8

**Lung Cancer Incidence**
- Age-adjusted rate of incidence per 100,000 people in 2016: 67.2
  - State Rate: 68.2

**PUBLIC DRINKING WATER**

**Public Drinking Water Systems**
- Number of public drinking water systems: 27

**Private Drinking Water Wells**
- Number of private drinking water wells: 2923

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* Counts less than 20 are considered unreliable.
Ø Non-zero counts less than 5 are suppressed for patient confidentiality.
**PHELPS COUNTY**  
**ENVIRONMENTAL HEALTH PROFILE**

## AIR QUALITY

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

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

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

### Active People
- **No Air Monitors**
  - Number of unhealthy days for people active outdoors in 2016: 12

## CLIMATE

### Extreme Precipitation
- 4
  - Number of days with more than 1 inch of precipitation in 2016

### Extreme Heat
- 39
  - Number of days with a high temperature above 90°F in 2016

### Severe Drought
- 0
  - Number of 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^  
  - 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.

## RADON

### Percent Elevated
- 9.5%
  - Percent of homes tested between 2008-2018 with elevated radon levels

### Percent Tested
- 0.7%
  - Percent of homes tested between 2008-2018

## LEAD

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

[^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>MOPHIMS - County-Level Study Profile</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>U.S. Census Bureau</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>MOPHIMS-EPHT</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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<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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<td>Public Drinking Water</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>
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## ABOUT THE DATA

**ENVIRONMENTAL HEALTH PROFILE**

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<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>
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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>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>National EPHT Portal</td>
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<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>
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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</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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<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>
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<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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