HEALTH

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

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

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

**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

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

**COPD ER Visits**
- Age-adjusted rate of ER visits per 10,000 people in 2016
  - 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
  - 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
  - 4

**Private Drinking Water Wells**
- Number of private drinking water wells
  - 1139

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

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**CLIMATE**

**Extreme Precipitation**
13 Number of days with more than 1 inch of precipitation in 2016

**Extreme Heat**
31 Number of days with a high temperature above 90° F in 2016

**Severe Drought**
0 Number of weeks with severe drought in 2016

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**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

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**RADON**

**Percent Elevated**
40.0% Percent of homes tested between 2008-2018 with elevated radon levels

**Percent Tested**
0.3% Percent of homes tested between 2008-2018

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**LEAD**

**Lead Exposure Risk Factors:**
- Childhood elevated blood lead rate above state average
- Elevated blood lead confirmation rate below state average
- NPL or IMMM Lead Sites
- Adult elevated blood lead rate above state average

**Missouri Lead Exposure Risk Tool**

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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.
<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>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>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>Heart Attack</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>Heat Related Illness</td>
<td>2016</td>
<td></td>
</tr>
</tbody>
</table>

**DRINKING WATER**

<table>
<thead>
<tr>
<th>Source</th>
<th>Years</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Drinking Water Systems</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>
</tbody>
</table>
### AIR QUALITY

**Asthma/ Lung Disease**
- Source: EPA AirCompare, MOPHIMS-EPHT
- Years: 2016
- Description: 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.

**Heart Disease**
- **Active People**

### CLIMATE

**Extreme Precipitation**
- Source: National EPHT Portal
- Years: 2016
- Description: Number of days with one or more inches of precipitation. Source: CDC, National Environmental Public Health Tracking Data Explorer.

**Extreme Heat**
- Source: National EPHT Portal
- Years: 2016
- Description: Number of days with a high temperature at or above 90°F. Source: CDC, National Environmental Public Health Tracking Data Explorer.

**Severe Drought**
- Source: National EPHT Portal
- Years: 2016
- Description: Number of weeks with severe drought. Source: CDC, National Environmental Public Health Tracking Data Explorer.

### ENVIRONMENT

**Environmental Remediation**
- Source: DNR Environmental Remediation Program
- Years: 2019
- Description: 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.

**Fish Consumption Advisories**
- Source: Fish Advisories
- Years: 2019
- Description: 2019 Missouri Fish Advisories. Source: DHSS Bureau of Environmental Epidemiology.

### RADON

**Percent Elevated**
- Source: DHSS-EPHT
- Years: 2008-2018
- Description: Percentage of homes with test results showing elevated (> 4 pCi/L) radon levels. Source: DHSS Bureau of Environmental Epidemiology, Indoor Air Quality Database.

**Percent Tested**
- Source: DHSS-EPHT, American Community Survey
- Years: 2008-2018
- Description: 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).

### LEAD

**Lead Exposure Risk Factors**
- Source: DHSS-EPHT
- Years: 2018
- Description: Lead exposure risk factors contributing to the overall exposure risk. Source: DHSS Bureau of Environmental Epidemiology, EPHT.

**Missouri Lead Exposure Risk Tool**
- Source: DHSS-EPHT
- Years: 2018
- Description: Statewide break down of lead exposure risk factors by county and zip code. Source: DHSS Bureau of Environmental Epidemiology, EPHT.