DADE COUNTY
ENVIRONMENTAL HEALTH PROFILE

HEALTH

Asthma Hospitalizations
* Age-adjusted rate of hospitalizations per 10,000 people in 2016
Ø 26.5 | Age-adjusted rate of ER visits per 10,000 people in 2016
State Rate: 6.6

COPD Hospitalizations
* Age-adjusted rate of hospitalizations per 10,000 people in 2016
Ø 24.0 | Age-adjusted rate of ER visits per 10,000 people in 2016
State Rate: 2.6

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

Heart Attack Hospitalizations
Ø 30.3 | Age-adjusted rate of hospitalizations per 10,000 people in 2016
State Rate: 23.4

Melanoma Incidence
Ø 0.0 | Age-adjusted rate of incidence per 100,000 people in 2016
State Rate: 27.9

Asthma ER Visits
Ø 26.5 | Age-adjusted rate of ER visits per 10,000 people in 2016
State Rate: 50.9

COPD ER Visits
Ø 59.3 | Age-adjusted rate of ER visits per 10,000 people in 2016
State Rate: 75.5

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

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

Lung Cancer Incidence
Ø 98.9 | Age-adjusted rate of incidence per 100,000 people in 2016
State Rate: 68.2

DRINKING WATER

Public Drinking Water Systems
6 Number of public drinking water systems

Private Drinking Water Wells
1050 Number of private drinking water wells

At or Above State Rate
Below State Rate
* Counts less than 20 are considered unreliable.
Ø Non-zero counts less than 5 are suppressed for patient confidentiality.
**DADE COUNTY**
ENVIROMENTAL 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

### CLIMATE

**Extreme Precipitation**
- 6: Number of days with more than 1 inch of precipitation in 2016

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

### RADON

**Percent Elevated**
- 10.0%: Percent of homes tested between 2008-2018 with elevated radon levels

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

### 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^:
  - 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.

**LEAD**

**Lead Exposure Risk Factors:**
- Pre 1980 Housing Rate above state average
- Adult elevated blood lead rate above state average

**Missouri Lead Exposure Risk Tool**

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>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></td>
</tr>
<tr>
<td>Heart Attack</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon Monoxide</td>
<td>MOPHIMS-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>Melanoma</td>
<td>MOPHIMS-MICA</td>
<td></td>
</tr>
<tr>
<td>Lung Cancer</td>
<td>DHSS-EPHT</td>
<td></td>
</tr>
<tr>
<td>Heat Related Illness</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>Public Drinking Water Systems</td>
<td>Public Drinking Water MOPHIMS-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>
</tr>
<tr>
<td>Private Drinking Water Wells</td>
<td>Private Drinking Water DHSS-EPHT</td>
<td>Number of private drinking water wells. Source: DHSS Bureau of Environmental Epidemiology, EPHT and Private Drinking Water Program.</td>
</tr>
<tr>
<td>Source</td>
<td>Years</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------</td>
<td>-------------</td>
</tr>
<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>
<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>
</tr>
<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>
</tr>
<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>
</tr>
<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>
<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 PEPANNU (housing data).</td>
</tr>
<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>
</tr>
</tbody>
</table>