NEWTON COUNTY
ENVIRONMENTAL HEALTH PROFILE

Life expectancy is 76.5 years

24.3% of people smoke

12.3% of people are minorities

12.9% of people live in poverty

The median household income is $46,723

HEALTH

Asthma Hospitalizations

* 2.7

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

Asthma ER Visits

24.7

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

COPD Hospitalizations

17.3

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

COPD ER Visits

88.2

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

Carbon Monoxide Hospitalizations

0.0

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

Carbon Monoxide ER Visits

Ø

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

Heat Related Illness

66.5

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

Lung Cancer Incidence

70.4

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

Melanoma Incidence

22.4

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

DRINKING WATER

Public Drinking Water Systems

25

Number of public drinking water systems

Private Drinking Water Wells

5016

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.

MISSOURI ENVIRONMENTAL PUBLIC HEALTH TRACKING PROGRAM
Bureau of Environmental Epidemiology
Missouri Department of Health & Senior Services
ephtn.dhss.mo.gov | EPHTN@health.mo.gov
NEWTON 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
7
Number of days with more than 1 inch of precipitation in 2016

Extreme Heat
67
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^

RADON

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

Percent Tested
0.4%
Percent of homes tested between 2008-2018

LEAD

Lead Exposure Risk Factors:
Childhood elevated blood lead rate above state average
Elevated blood lead confirmation rate below state average
NPL or IMM Lead Sites

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.

MISSOURI ENVIRONMENTAL PUBLIC HEALTH TRACKING PROGRAM
Bureau of Environmental Epidemiology
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ephtrn.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>MOPHIMS - County-Level Study Profile</td>
<td>2016</td>
</tr>
<tr>
<td><strong>Minorities</strong></td>
<td>U.S. Census Bureau</td>
<td>2010</td>
</tr>
<tr>
<td><strong>Asthma</strong></td>
<td>MOPHIMS-EPHT</td>
<td>2016</td>
</tr>
<tr>
<td><strong>COPD</strong></td>
<td>DHSS-EPHT</td>
<td>2016</td>
</tr>
<tr>
<td><strong>Heart Attack</strong></td>
<td>MOPHIMS-EPHT</td>
<td>2016</td>
</tr>
<tr>
<td><strong>Carbon Monoxide</strong></td>
<td>MOPHIMS-EPHT</td>
<td>2016</td>
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<tr>
<td><strong>Melanoma</strong></td>
<td>MOPHIMS-MICA</td>
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<tr>
<td><strong>Lung Cancer</strong></td>
<td>DHSS-EPHT</td>
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<tr>
<td><strong>Heat Related Illness</strong></td>
<td>DHSS-EPHT</td>
<td>2016</td>
</tr>
<tr>
<td><strong>Private Drinking Water Wells</strong></td>
<td>Private Drinking Water DHSS-EPHT</td>
<td>1978-2017</td>
</tr>
</tbody>
</table>
### AIR QUALITY

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<tr>
<td>Asthma/ Lung Disease</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>Children and Elderly</td>
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### CLIMATE

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<td>Extreme Precipitation</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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<tr>
<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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<tr>
<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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<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

<table>
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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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