PETTIS COUNTY

ENVIRONMENTAL HEALTH PROFILE

Life expectancy is
77.4 years

19.1% of people smoke

13.0% of people are minorities

17.2% of people live in poverty

The median household income is
$43,097

✚ HEALTH

Asthma Hospitalizations

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

Asthma ER Visits

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

COPD Hospitalizations

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

COPD ER Visits

142.9 — 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

Heart Attack Hospitalizations

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

Heat Related Illness

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

Melanoma Incidence

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

Lung Cancer Incidence

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

🚰 DRINKING WATER

Public Drinking Water Systems

22 — Number of public drinking water systems

Private Drinking Water Wells

2585 — 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 confidentiallity.

PETTIS 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

9 | Number of days with more than 1 inch of precipitation in 2016

Extreme Heat

60 | 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

36.7% | Percent of homes tested between 2008-2018 with elevated radon levels

Percent Tested

0.4% | Percent of homes tested between 2008-2018

LEAD

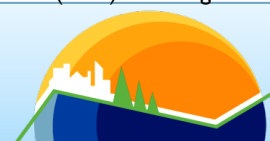### Lead Exposure Risk Factors:

Childhood elevated blood lead rate above state average

Childhood blood lead testing rate below state average

Elevated blood lead confirmation rate below state average

Pre 1980 Housing Rate above state average

Adult elevated blood lead rate above state average

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.

ABOUT THE DATA

ENVIRONMENTAL HEALTH PROFILE

	Source	Years	Description
Life Expectancy	[DHSS-Life Expectancy](#)	2008-2016	Life expectancy from birth, based on 2008-2016 birth, death and population data. Statewide: 77.4 years. Source: DHSS – Data and Statistics, Life Expectancy.
Smoking	[MOPHIMS - County-Level Study Profile](#)	2016	Percentage of adults who currently smoke cigarettes. State rate: 21.9%. Source: DHSS – Missouri Public Health Information Management System (MOPHIMS), Missouri County Level Study.
Minorities	[U.S. Census Bureau](#)	2010	Percentage of racial and ethnic minorities. State rate: 19%. Source: 2010 U.S. Census, Summary File 1, Table GCT-P3.
Poverty	[American Community Survey](#)	2013-2017	Percent of the population living in poverty. State rate: 14.6%. Source: American Community Survey 5-Year Estimates, 2013-2017, Table GCT1701.
Income	[American Community Survey](#)	2013-2017	Median annual household income. Statewide: $51,542. Source: American Community Survey 5-Year Estimates, 2013-2017, Table GCT1901.

HEALTH

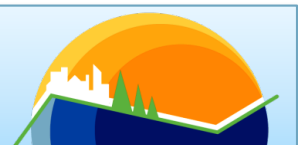|	Source	Years	Description
Asthma COPD Heart Attack	[MOPHIMS-EPHT](#) DHSS-EPHT	2016	Age-adjusted rates of emergency room (ER) visits and hospitalizations for asthma and COPD; and hospitalizations for heart attack per 10,000 people, based on the 2000 U.S. Census standard population. Source: DHSS MOPHIMS-Environmental Public Health Tracking (EPHT).
Carbon Monoxide Melanoma Lung Cancer	[MOPHIMS-EPHT](#) [MOPHIMS-MICA](#) DHSS-EPHT	2016	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).
Heat Related Illness	DHSS-EPHT	2016	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.

DRINKING WATER

	Source	Years	Description
Public Drinking Water Systems	[Public Drinking Water](#) [MOPHIMS-EPHT](#)	2019	Number of public drinking water systems. Source: Department of Natural Resources, Public Drinking Water Branch. Water quality data available from DHSS MOPHIMS-EPHT.
Private Drinking Water Wells	[Private Drinking Water](#) DHSS-EPHT	1978-2017	Number of private drinking water wells. Source: DHSS Bureau of Environmental Epidemiology, EPHT and Private Drinking Water Program.

ABOUT THE DATA

ENVIRONMENTAL HEALTH PROFILE

AIR QUALITY

	Source	Years	Description
Asthma/ Lung Disease Children and Elderly Heart Disease Active People	EPA AirCompare MOPHIMS-EPHT	2016	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.

CLIMATE

	Source	Years	Description
Extreme Precipitation	National EPHT Portal	2016	Number of days with one or more inches of precipitation. Source: CDC, National Environmental Public Health Tracking Data Explorer.
Extreme Heat	National EPHT Portal	2016	Number of days with a high temperature at or above 90°F. Source: CDC, National Environmental Public Health Tracking Data Explorer.
Severe Drought	National EPHT Portal	2016	Number of weeks with severe drought. Source: CDC, National Environmental Public Health Tracking Data Explorer.

ENVIRONMENT

	Source	Years	Description
Environmental Remediation	DNR Environmental Remediation Program	2019	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	Fish Advisories	2019	2019 Missouri Fish Advisories. Source: DHSS Bureau of Environmental Epidemiology.

RADON

	Source	Years	Description
Percent Elevated	DHSS-EPHT	2008-2018	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	DHSS-EPHT American Community Survey	2008-2018	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

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

MISSOURI ENVIRONMENTAL PUBLIC HEALTH TRACKING PROGRAM
Bureau of Environmental Epidemiology
Missouri Department of Health & Senior Services

ephtn.dhss.mo.gov | EPHTN@health.mo.gov

Environmental Public Health
Tracking Program