



## Missouri Environmental Public Health Tracking

The exercises are structured to guide users through discovering the content and data currently available within the Missouri EPHT portal.

### HEALTH DATA

1. Which of the following is NOT an EPHT core condition for Health Data?
  - a. Carbon Monoxide
  - b. Asthma
  - c. Cancer
  - d. Hyperthermia
  - e. None of the above
  
2. What year was lead and lead compounds banned from house paint?
  - a. 1978
  - b. 1986
  - c. 1995
  - d. 1996
  
3. Some sources of carbon monoxide are:
  - a. Automobile and board engine exhaust
  - b. Portable propane heaters
  - c. Natural gas appliances
  - d. Furnaces
  - e. Water heaters
  - f. All of the above
  - g. B, C, and E
  
4. What carbon monoxide exposure source was the cause of the most accidental deaths in Missouri from 2001-2011?
  - a. Fire
  - b. Vehicle
  - c. Furnace
  - d. Generator

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5. What is the Missouri age-adjusted rate of hospitalizations for asthma (per 10,000) for 2005, for ages 45-49?
  - a. 0.99
  - b. 1.15
  - c. 1.09
  - d. 0.97
  
6. What is the percentage of Missouri low birth weight babies (less than 2500 grams) of live term singleton births for 2007?
  - a. 2.3
  - b. 2.4
  - c. 2.6
  - d. 2.5
  
7. Hypothermia is defined as an abnormally low body temperature and is considered more dangerous than frostbite?
  - a. True
  - b. False
  
8. Each year many Missourians suffer from heat-related illnesses, with some cases resulting in death. Which heat term is a life-threatening condition in which the body temperature can rise so high that brain damage and death may result if the body is not cooled quickly?
  - a. Heat Cramp
  - b. Heat Stroke
  - c. Heat Exhaustion
  - d. None of the above

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### ENVIRONMENTAL DATA

1. Agriculture, Air Quality, and Water Quality are the EPHT Environmental Data core conditions?
  - a. True
  - b. False
  
2. Which of the following are additional environmental health conditions?
  - a. Indoor Air Quality
  - b. Missouri Fish Advisories
  - c. Private Drinking Water
  - d. Radon
  - e. All of the above
  - f. None of the above
  
3. What was the percent of the population living in Missouri counties that meet the National Ambient Air Quality Standards for 2006?
  - a. 60.60
  - b. 25.90
  - c. 55.50
  - d. 33.10
  
4. The Department of Health and Senior Services works with which agencies to develop reasonable, conservative consumption guidelines for Missouri based on extensive, annual fish studies at various Missouri lakes, ponds, rivers, and streams?
  - a. Missouri Department of Conservation
  - b. Missouri Department of Natural Resources
  - c. Missouri Department of Public Safety
  - d. Missouri Department of Agriculture
  - e. A and B
  - f. B and C

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### ENVIRONMENTAL DATA

5. Health effects of Mercury may include:
- Irritability
  - Memory problems
  - Shyness
  - Tremors
  - All of the above
  - None of the above
6. Because all fish have various levels of mercury, the EPA recommend that sensitive populations (i.e. pregnant women, women of childbearing age, nursing mothers, and children less than age 13) consume no more than one (1) fish meal per week in the absence of a local advisory?
- True
  - False
7. What was the number of square miles treated with chemicals in 2007 statewide for controlling insects?
- 3,766
  - 2,692
  - 12,243
  - 10,066
  - None of the above
8. Which of the following is an environmental factor for Indoor Air?
- Mold
  - Asthma
  - Radon
  - All of the above

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### COMMUNITY DATA

1. A community indicator is a way of measuring community trends and health?
  - a. True
  - b. False
  
2. What is the **total** number of Recreational Facilities in Missouri in 2009?
  - a. 600
  - b. 639
  - c. 628
  - d. 625
  
3. What was the Missouri Unemployment rate for 2010?
  - a. 5.5
  - b. 4.8
  - c. 9.5
  - d. 6.9
  
4. How many Employer Establishments were inspected by OSHA (excluding mines and farms) in 2013?
  - a. 1,393
  - b. 1,661
  - c. 1,401
  - d. 1,487
  
5. What year between 1992-2012 did Missouri have the highest annual number of work-related fatalities?
  - a. 1996
  - b. 2002
  - c. 2005
  - d. 2012

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### COMMUNITY DATA

6. Which year had the highest number of establishments selling fresh produce in Missouri between 2005-2009?
  - a. 2005
  - b. 2006
  - c. 2007
  - d. 2008
  - e. 2009
  
7. What is the percentage of all children aged <5 that are below poverty level (as measured in 2000 Census)?
  - a. 10.15
  - b. 29.35
  - c. 34.58
  - d. 17.81
  
8. The *Basic Race and Hispanic Population Report for Missouri* may be found under which sub-heading?
  - a. U.S. Census Bureau
  - b. Missouri Census Data Center
  - c. Additional Resources
  - d. None of the above

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### ANSWER KEY — HEALTH DATA

1. D—Hyperthermia (EPHT/Health Data)
2. A—1978 (EPHT/Health Data/Blood Lead Levels)
3. F—All of the above (EPHT/Health Data/Carbon Monoxide)
4. A—Fire (EPHT/Health Data/Carbon Monoxide)
5. C—1.09 (EPHT/Health Data/Asthma/Maps, Charts, Graphs and Tables)
6. D—2.5 (EPHT/Health Data/Reproductive Health/Maps, Charts, Graphs and Tables)
7. A—True (EPHT/Health Data/Hypothermia)
8. B—Heat Stroke (EPHT/Health Data/Hyperthermia)

### ANSWER KEY — ENVIRONMENTAL DATA

1. A—True (EPHT/Environmental Data)
2. E—All of the above (EPHT/Environmental Data)
3. C—55.90 (EPHT/Environmental Data/Air Quality/Maps, Charts, Graphs and Tables)
4. E—A and B (EPHT/Environmental Data/Missouri Fish Advisories/2016 Fish Advisory)
5. E—All of the above (EPHT/Environmental Data/Mercury)
6. A—True (EPHT/Environmental Data/Missouri Fish Advisories/2016 Fish Advisory)
7. A—3,766 (EPHT/Environmental Data/Agriculture/Data Files)
8. D—All of the above (EPHT/Environmental Data/Indoor Air Quality)

### ANSWER KEY— COMMUNITY DATA

1. A—True (EPHT/Community Data/Community & Infrastructure)
2. A—600 (EPHT/Community Data/Community & Infrastructure/Recreation)
3. C—9.5 (EPHT/Community Data/Occupational Health/Employment)
4. A—1,393 (EPHT/Community Data/Occupational Health/Occupational Safety and Health Administration (OSHA) Inspections)
5. C—2005 (EPHT/Community Data/Occupational Health/Work-Related Deaths)
6. B—2006 (EPHT/Community Data/Community & Infrastructure/Food & Beverages)
7. D—17.81 (EPHT/Community Data/U.S. Census Data)
8. B—Missouri Census Data Center (EPHT/Community Data)

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