

## *Evansville, IN*

What do Evansville residents think about climate change, how are they preparing, and what resilience policies do they support? Results from the Hoosier Life Survey provide answers.

### **Future impacts**

Climate change is projected to bring more high heat days, more extreme precipitation events, and increased flood risks to the Evansville metro area.

Extreme heat events per year

Current – 58

2050s Medium Emissions Scenario – 103

20502 High Emissions Scenario – 114

Extreme precipitation events per decade

Current – 20

2050s Medium Emissions Scenario – 25

20502 High Emissions Scenario – 26

Source: Hoosier Resilience Index

### **Beliefs**

68% believe climate change is happening.

22% believe climate change is entirely or mostly caused by human activities.

12% don't know if climate change is happening.

21% don't know enough to say what scientists' perspective of climate change is.

### **Information and trust**

Forty-two percent trust Indiana scientists "a lot" about how to prepare for climate change.

Thirty-five percent feel very informed about the risks of extreme weather.

Forty-seven percent know someone who has suffered health impacts from heat waves, such as dehydration or heat stroke, or have experienced it themselves.

### **Climate change at home**

59% of homeowners use shade trees to cool their home in the summer

39% of households grow food, such as fruit trees and vegetable gardens

31% of homeowners are interested in using rain barrels to collect rainwater.

48% are interested in solar panels to reduce CO<sub>2</sub> emissions

14% currently compost food waste

### **Community policies and programs**

Evansville residents support a mix of policies and programs to address the short- and long-term impacts of climate change. The most popular proposals to address heat and precipitation challenges are:

84% Plant more trees on town streets to reduce impacts of flooding and heat waves

82% Adopt a text-based early warning system to reduce risks from heat waves

70% Provide vulnerable populations free health services during heat waves

90% Build stronger and higher flood walls where necessary

75% Replace some paved areas with water-absorbent landscape

57% Construct new transportation routes to reduce the impact of flooding

### **About the Hoosier Life Survey**

Conducted between August and December 2019, the Hoosier Life Survey captures how Indiana residents perceive environmental changes, how residents are being affected in their homes and communities, how Hoosiers are preparing, and what they expect in the future. For more about the survey go to [go.iu.edu/31Mf](http://go.iu.edu/31Mf).

Looking for more results? Complete survey responses for the Evansville metro area and other Indiana metro areas are available on the Hoosier Life Survey Metropolitan Report web page ([go.iu.edu/3ayX](http://go.iu.edu/3ayX)).

*The average margin of error for this survey fell within plus or minus 10.1 percentage points with a confidence level of 95 percent.*