

# McLean County

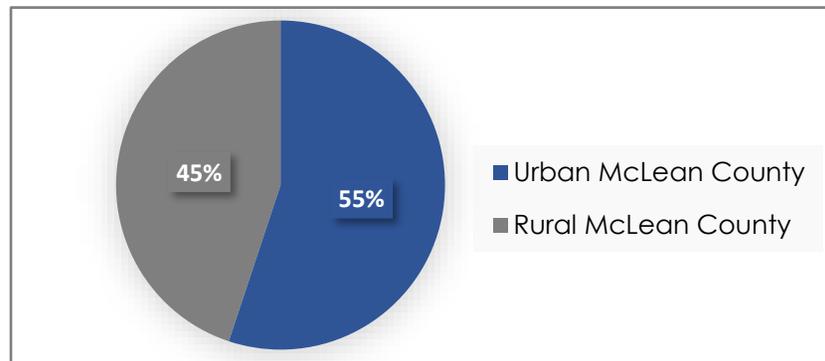
## Multi-Hazard Mitigation Plan

McLean County is in the process of updating its Hazard Mitigation Plan in accordance with FEMA guidelines for Hazard Mitigation Planning. The updated plan addresses multiple natural and other hazards including flood hazards, weather hazards, hazardous materials hazards, and wildfire hazards. The plan also identifies resources, information, and mitigation activities for reducing risk from these hazards. A copy of the draft plan is available for review on the county website and [www.mcleanhazardplan.com](http://www.mcleanhazardplan.com).

### COMMUNITY SURVEY SUMMARY

Community input is an important element in developing the plan update. This newspaper included a four-page insert for McLean County subscribers in the December 2nd edition with a community survey for residents and business owners to share their experience with hazard events, what concern them the most about potential disasters and what they are doing to prepare their homes and their families for a future hazard event.

The majority of responses came from individuals living in Garrison, Washburn, and rural McLean County.



### HAZARD PROBABILITY

- Survey responses ranked drought as the most probable risk, followed by extreme summer weather and extreme winter weather.
- Dam failure, urban fire, and some hazardous materials (HAZMAT) incidents were rated the least probable hazards. Extreme winter weather, heat waves, and HAZMAT incidents received moderate risk ratings.

### EXPERIENCE WITH HAZARDS

Many responses to an open-ended question: "Have you ever been impacted by any of the hazard events listed above?" mentioned drought and one respondent wrote that drought was

#### DROUGHT

"Crop dried out"

"Drought and loss of crop income"

"Getting to be a yearly event". Ten others wrote that they had experience with drought.

#### LOSS OF POWER

Loss of power due to blizzards and ice storms was mentioned by residents of both cities and rural McLean County.

"No power for three days"

"Have had power out for multiple days, downed power lines and trees. Now have a generator"

"No power for three days"

"Blizzards causing loss of utilities, cattle, property and income".

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"Extended power outage due to ice storm when I lived in rural McLean County. We were fortunate to have a generator"

One respondent wrote "The greatest hazard facing this county ...the national power shortage due to cold weather/hot weather is an increasing danger. The grid has less flexibility due to less reliable sourcing, less reliance on coal nationwide. Loss of power in winter would be catastrophic".

### **HAILSTORMS**

Even though hailstorms are not often recorded, many of the respondents indicated that they had experience with hailstorm events.

"Multiple hailstorms . . . trailer had hail damage"

"Hailstorm – had to replace roofs, windows, doors and siding "

"Hailstorm causing a complete loss of crops".

"Hailstorm damaged siding and shingles"

### **FLOODING**

"Major flooding in 2011 in rural area along the Missouri River"

"Flash flood – damage to basement and yard" "Flooding of roads and fields for crops. Flooding in basement of my home".

"Flooding from excess rain"

"Flooding caused by runoff towards lake lowlands"

### **WINDSTORM**

"Building damage. Many trees broke off, roof off building"

"Windstorm broke a window"

### **HAZMAT INCIDENTS**

Four respondents shared their concerns about anhydrous ammonia tanks being close to residential neighborhoods. One asked that the county research location criteria and another attached information on "Anhydrous ammonia tanks should be out in the country and not located upwind from housing".

One resident of rural McLean County shared:

"Severe heat, cold, snow and blizzards are a part of life here in McLean County. A little personal preparation will get people safely through these."

### **SURVEY CHARTS**

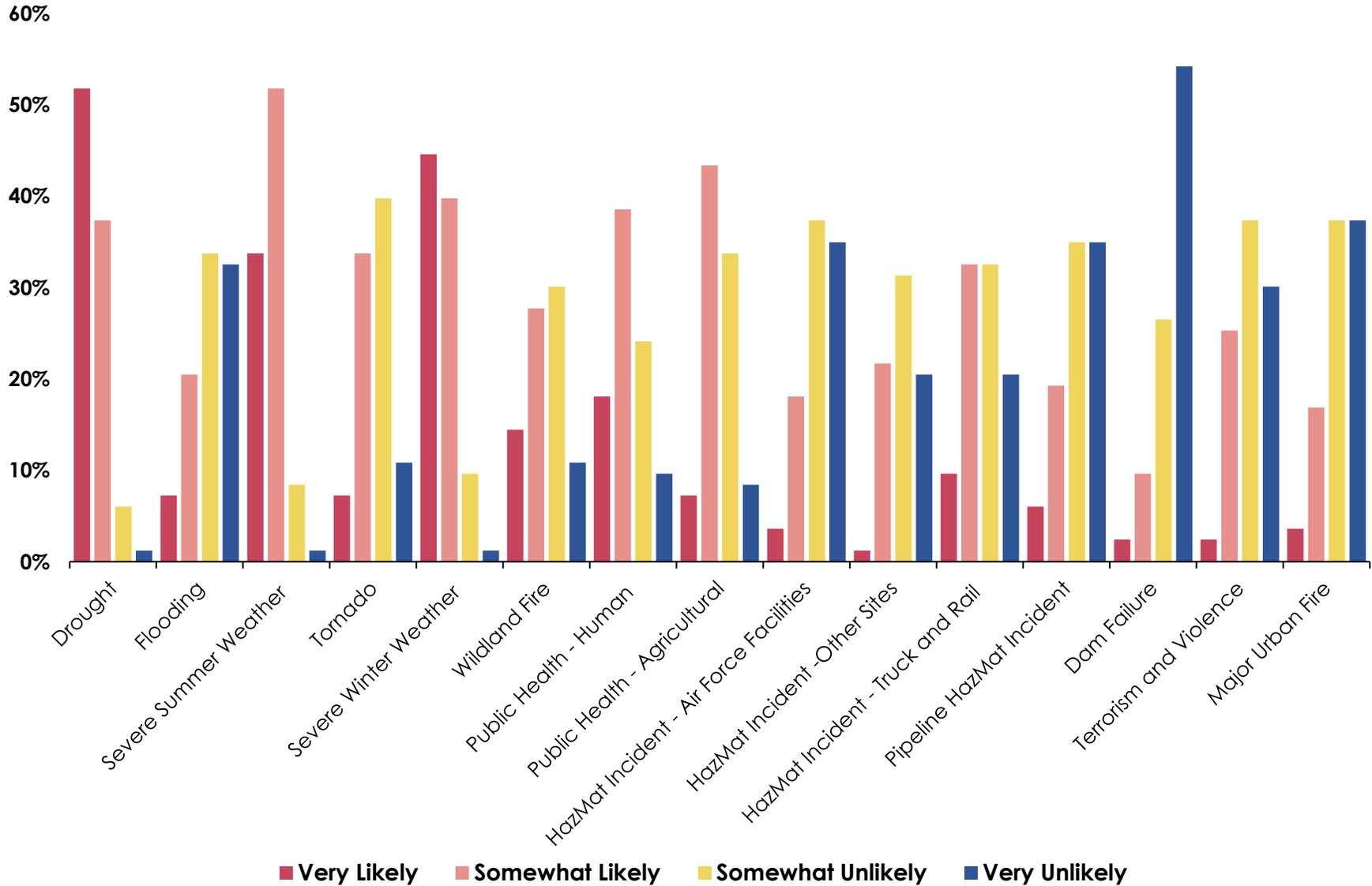
- Over 50% of respondents scored "highly unlikely" for dam failure and about a third considered flooding, major urban fire, pipeline incident, or a HAZMAT incident with the Air Force facilities as highly unlikely.
- About a third expected dam failure to cause a catastrophic impact. Less than 15% rated tornado, terrorism and violence, drought, and urban fire or wildfire) as catastrophic.

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### QUESTION 1

In your opinion, how likely is it that each of these hazards will impact McLean County?

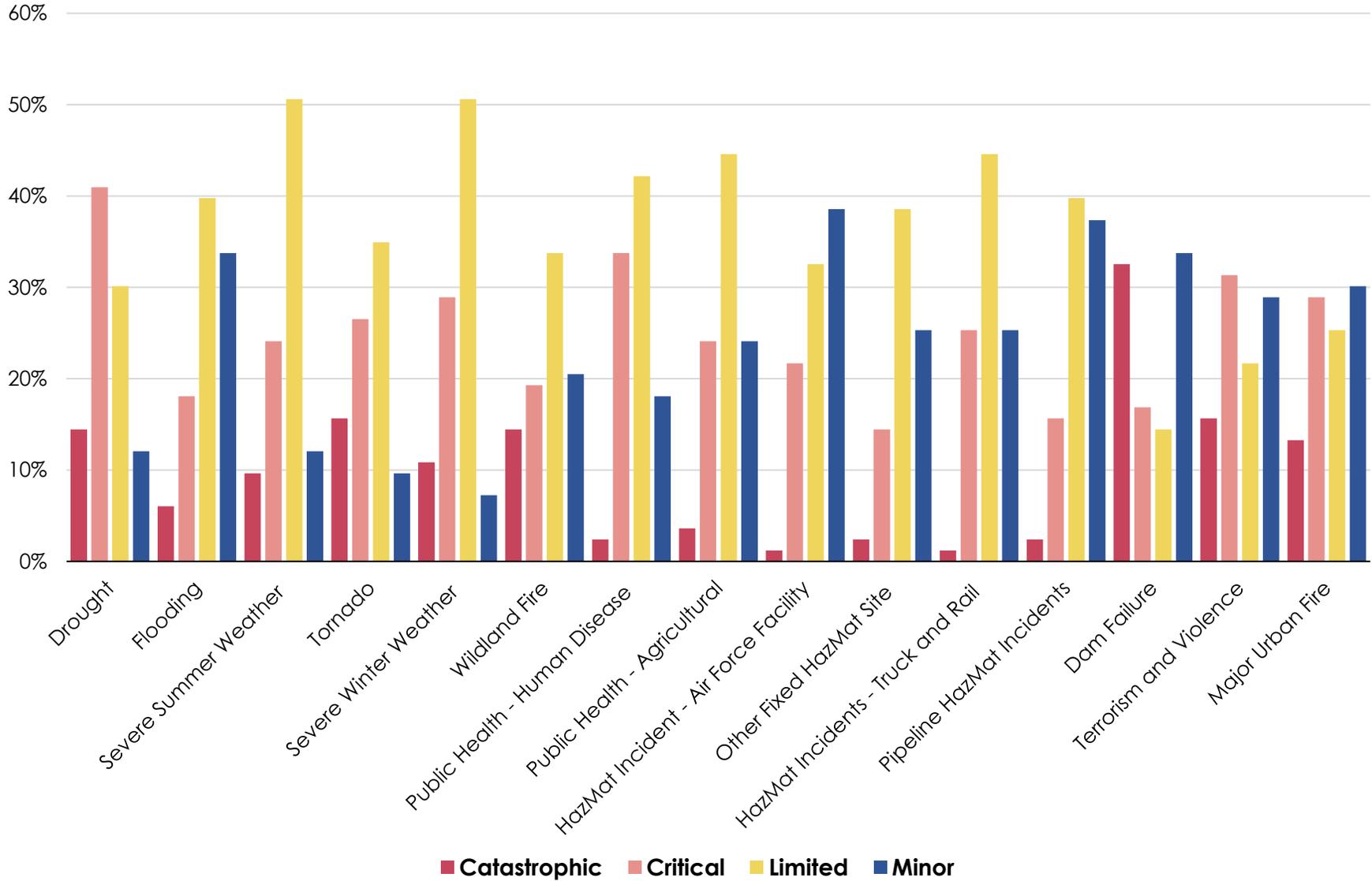


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## Multi-Hazard Mitigation Plan

### QUESTION 2

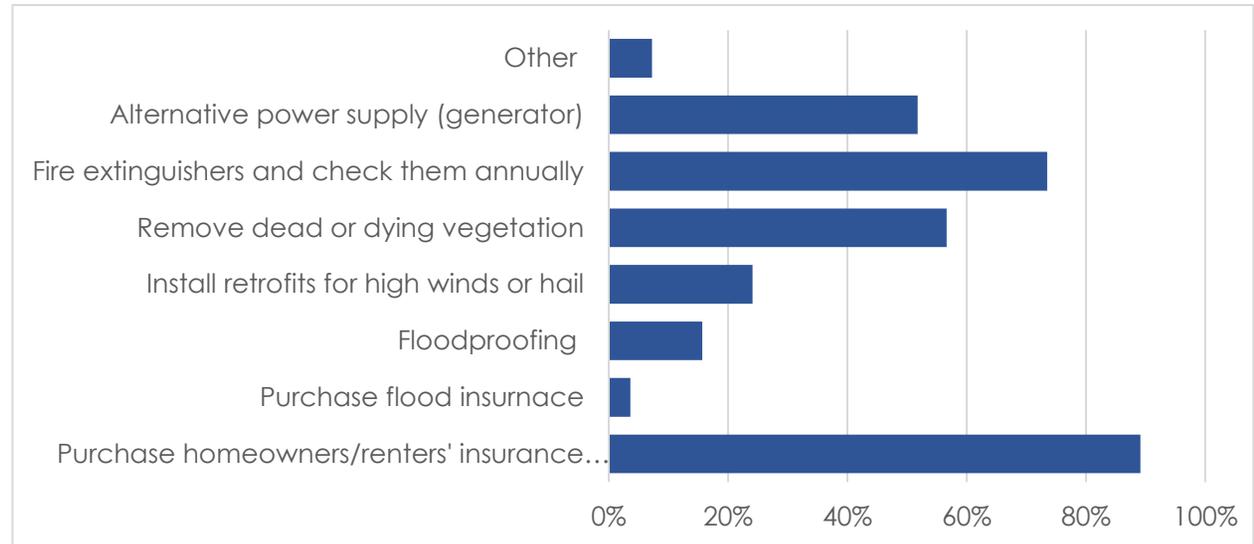
How much impact would each of these hazards have on the part of McLean County where you live?



# McLean County Multi-Hazard Mitigation Plan

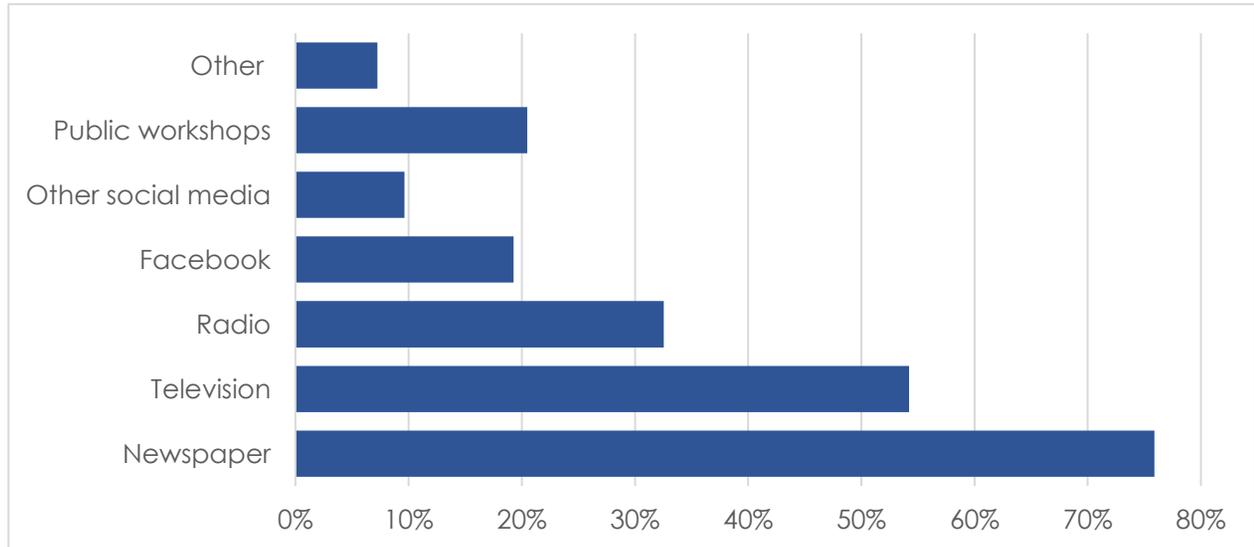
## QUESTION 3

What actions have you taken to reduce risks to your home and property to prepare for potential hazard incidents?



## QUESTION 3

What is the best way for you to receive information about how to make your home and your neighborhood more resistant to hazards?



## INCORPORATING SURVEY RESULTS

Survey results were also used as an important element in prioritizing hazard mitigation strategies. When draft mitigation strategies were scored, these results contributed to calculating the “probability” element of the hazard mitigation plan's risk analysis.