

## 4 MITIGATION STRATEGY

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<b>4</b>	<b>MITIGATION STRATEGY .....</b>	<b>4.1</b>
4.1	<i>Goals.....</i>	4.1
4.2	<i>Identification and Analysis of Mitigation Actions.....</i>	4.2
4.3	<i>Implementation of Mitigation Actions .....</i>	4.19
4.3.1	2020 Updated Action Plans .....	4.22

This section presents the mitigation strategy updated by the Mitigation Planning Committee (MPC) based on the 2021 risk assessment. The mitigation strategy was developed through a collaborative group process. The process included review of 2021 general goal statements to guide the jurisdictions in lessening disaster impacts as well as specific mitigation actions to directly reduce vulnerability to hazards and losses. The following definitions are taken from FEMA's *Local Hazard Mitigation Review Guide (October 1, 2012)*.

- **Mitigation Goals** are general guidelines that explain what you want to achieve. Goals are long-term policy statements and global visions that support the mitigation strategy. The goals address the risk of hazards identified in the plan.
- **Mitigation Actions** are specific actions, projects, activities, or processes taken to reduce or eliminate long-term risk to people and property from hazards and their impacts. Implementing mitigation actions helps achieve the plan's mission and goals.

### 4.1 Goals

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This planning effort is an update to Montgomery County's existing hazard mitigation plan approved by FEMA in 2016. Therefore, the goals from the 2016 Warren County Hazard Mitigation Plan were reviewed to see if they were still valid, feasible, practical, and applicable to the defined hazard impacts.

The MPC conducted a discussion session during their second meeting to review and update the plan goals. To ensure that the goals developed for this update were comprehensive and supported State goals, the 2018 State Hazard Mitigation Plan goals were reviewed. The MPC also reviewed the goals from recently updated Missouri county plans. It was determined that the broadly stated goals were still valid for the 2021 update.

- Goal 1; Protect the lives and livelihoods of all citizens
- Goal 2; Employ sustainable principles and practices to enhance mitigation effectiveness
- Goal 3; Ensure continued operation of government and emergency functions during a disaster.

## 4.2 Identification and Analysis of Mitigation Actions

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Some specific sources for mitigation action ideas include the following:

- FEMA's Mitigation Action Ideas Publication, <https://www.fema.gov/media-library/assets/documents/30627>
- FEMA's Climate Resilient Activities for Hazard Mitigation Assistance, <https://www.fema.gov/media-library/assets/documents/110202>
- EPA's Hazard Mitigation for Natural Disasters Publication, <https://www.epa.gov/waterutilityresponse/hazard-mitigation-natural-disasters>
- EPA's Planning for an Emergency Drinking Water Supply Publication, <https://www.epa.gov/waterutilityresponse/water-utility-planning-emergency-drinking-water-supply>

At the initial clerk meetings, specific hazards to each jurisdiction were discussed along with several ideas on existing and new action plans. During the meeting of the MPC, the results of the risk assessment conducted by the Warren County EMD and Boonslick RPC staff were presented for review and the key issues were identified for specific hazards and discussed. The discussion included possible new mitigation actions, as well as actions from the previously approved plan. Actions from the previous plan included completed actions, on-going actions, and actions upon which progress had not been made. Changes in the risk since the adoption of the previously approved plan were discussed as well. The MPC discussed SEMA's identified funding priorities and the types of mitigation actions generally accepted by FEMA.

The meeting focused on updating the mitigation strategy. For a comprehensive range of mitigation actions to consider, the MPC reviewed the following information during the meeting.

- A list of all actions proposed in the previous mitigation plan, the current State plan, and recently approved plans from nearby counties
- Key issues from the risk assessments, including the problem statements that conclude each hazard profile and vulnerability analysis
- State priorities established for Hazard Mitigation Assistance grants
- Public input during the meetings, responses from Data Collection Questionnaires, and other efforts to involve the public in the plan development process.
- Data Collection Questionnaires were sent to each jurisdiction prior to the kick-off meeting followed with several phone calls explaining what is expected. The kick-off meeting allowed the respondents to ask follow-up questions about the questionnaires. The Data Collection Questionnaires are part of Appendix.

At the meeting, MPC members were updated with each community's risk assessment and also provided information on how additional mitigation planning instructions could be obtained. After the meeting, the list of actions for each jurisdiction were emailed to the MPC. Each jurisdiction was instructed to provide information regarding the Action Status.

The MPC included problem statements in the plan update at the end of each hazard profile. The problem statements summarized the risk to the planning area presented by each hazard and include possible methods to reduce that risk. Use of the problem statements allowed the MPC to recognize new and innovative strategies for mitigate risks in the planning area.

During review at the meeting, it was determined that many actions have been completed to the extent reasonable, that some actions were no longer practical or otherwise attainable, and that the

remainder remained viable and should be continued. Based on the status reviews, there are 2 to 9 completed actions depending on the jurisdictions, 24 to 32 deleted actions, and 2 to 4 continuing actions depending on the jurisdictions. The table below summarizes action plan status for each jurisdiction.

**Table 4.1. Action Status Summary**

Jurisdiction	Completed Actions	Continuing/modify Actions	Deleted Actions	Total
Warren County	8	5	30	43
Village of Innsbrook	2	3	32	37
City of Marthasville	8	3	29	40
Village of Pendleton	2	3	25	30
City of Truesdale	3	4	26	33
City of Warrenton	2	3	31	36
City of Wright City	2	3	31	36
Warren County R-III School District	4	2	24	30
Wright City R-I School District	3	3	24	30
Gasconade County R-I School District	2	2	26	30
Washington School District	2	2	26	30

**Table 4.2** provides a summary of the completed and deleted actions from the previous plan.

**Table 4.2. Summary of Completed and Deleted Actions from the Previous Plan**

Completed Actions	Completion Details (date, amount, funding source)
<b>Warren County</b>	
Improve flood alerting system capabilities	Included in CODE RED. All Warren County residents are covered.
Promote environmentally sound watershed and storm water practices to decrease flash flooding	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
Strengthen floodplain regulations as needed	County reviews annually
Improve drainage of roadways in flashflood areas	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.

Completed Actions	Completion Details (date, amount, funding source)
Develop hazard area maps and promote use by the public	County reviews annually
Identify public health issues and identify ways to promote healthy lifestyle changes	Included in the county plan
Identify causes of disease and promote measures to control spread of disease in case of emergency such as: reduce vectors, increase awareness of foodborne illness hazards due to spoilage and contamination	County reviews annually
Review and upgrade redundancies for the 911 Center/EOC	EOC has all new updated equipment
<b>Village of Innsbrook</b>	
Identify public health issues and identify ways to promote healthy lifestyle changes	Included in the county plan
Identify causes of disease and promote measures to control spread of disease in case of emergency such as: reduce vectors, increase awareness of foodborne illness hazards due to spoilage and contamination	County reviews annually
<b>City of Marthasville</b>	
Identify geographic areas in need of warning systems	Included in CODE RED part of the county.
Improve flood alerting system capabilities	Included in CODE RED part of the county.
Promote environmentally sound watershed and storm water practices to decrease flash flooding	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
Strengthen floodplain regulations as needed	City reviews annually
Improve drainage of roadways in flashflood areas	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
NFIP- monitor development	City reviews annually
Identify public health issues and identify ways to promote healthy lifestyle changes	Included in the county plan
Identify causes of disease and promote measures to control spread of disease in case of emergency such as: reduce vectors, increase awareness of foodborne illness hazards due to spoilage and contamination	County reviews annually
<b>Village of Pendleton</b>	
Identify public health issues and identify ways to promote healthy lifestyle changes	Included in the county plan
Identify causes of disease and promote measures to control spread of disease in case of emergency such as: reduce vectors, increase awareness of foodborne illness hazards due to spoilage and contamination	County reviews annually
<b>City of Truesdale</b>	
Identify geographic areas in need of warning systems	Included in CODE RED part of the county.
Identify public health issues and identify ways to promote healthy lifestyle changes	Included in the county plan

Completed Actions	Completion Details (date, amount, funding source)
Identify causes of disease and promote measures to control spread of disease in case of emergency such as: reduce vectors, increase awareness of foodborne illness hazards due to spoilage and contamination	County reviews annually
<b>City of Warrenton</b>	
Identify public health issues and identify ways to promote healthy lifestyle changes	Included in the county plan
Identify causes of disease and promote measures to control spread of disease in case of emergency such as: reduce vectors, increase awareness of foodborne illness hazards due to spoilage and contamination	County reviews annually
<b>City of Wright City</b>	
Identify public health issues and identify ways to promote healthy lifestyle changes	Included in the county plan
Identify causes of disease and promote measures to control spread of disease in case of emergency such as: reduce vectors, increase awareness of foodborne illness hazards due to spoilage and contamination	County reviews annually
<b>Warren County R-III School District</b>	
Improve flood alerting system capabilities	Included in CODE RED. All Warren County residents are covered.
Mitigation policy	County reviews annually
Promote environmentally sound watershed and storm water practices to decrease flash flooding	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
Improve drainage of roadways in flashflood areas	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
<b>Wright City R-II School District</b>	
Improve flood alerting system capabilities	Included in CODE RED. All Warren County residents are covered.
Promote environmentally sound watershed and storm water practices to decrease flash flooding	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
Improve drainage of roadways in flashflood areas	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
<b>Gasconade County R-II School District</b>	
Promote environmentally sound watershed and storm water practices to decrease flash flooding	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
Improve drainage of roadways in flashflood areas	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
<b>School District of Washington</b>	
Promote environmentally sound watershed and storm water practices to decrease flash flooding	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.
Improve drainage of roadways in flashflood areas	Warren County replaced 4 low water crossings with the help of FEMA funded HMG.

Source: 2016 Montgomery County Hazard Mitigation Plan; 2020 Data Collection Questionnaires.

Deleted Actions	Reason for Deletion
<b>Warren County</b>	
Review and revise flood-fighting plans	This action is determined to be accomplished as needed
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed

Deleted Actions	Reason for Deletion
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
To provide earthquake preparedness and safety literature each year	This action is determined to be accomplished as needed
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Decrease wildfire risk areas by incorporating buffer zones into subdivision regulations	This action is determined to be an ongoing activity
Promote fire-resistant construction materials	This action is determined to be accomplished as needed, brochures are available
Floodplain & seismic zone community education program	This action is determined to be an ongoing activity
Consider known hazards when identifying a site for new facilities and systems	This action is determined to be an ongoing activity
Encourage tornado safe rooms	This action is determined to be an ongoing activity
Encourage up to date commercial and industrial disaster plans that are coordinated with community disaster plans	This action is determined to be accomplished as needed, brochures are available
Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Utilize county road right of ways as firebreaks and snow storage	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic incidents	This action is determined to be an ongoing activity
Encourage best practices for drought-resistant farming	This action is determined to be accomplished as needed, brochures are available
Resolve any existing environmental conflicts and take steps to prevent future conflicts	This action is determined to be an ongoing activity
Work with DNR on earthen dams and periodic inspections	This activity is determined to be accomplished by the Department of Natural Resources
Promote building codes in incorporated areas that currently do not have such regulations	This action is determined to be an ongoing activity
Implement measures to increase the county's Community Rating System (CRS) status	This action was determined not beneficial
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed

Deleted Actions	Reason for Deletion
Maintain essential public services	This action is determined to be accomplished as needed
Maintain an inventory of levees in the county	This action is determined to be accomplished as needed
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
<b>Village of Innsbrook</b>	
Improve flood alerting system capabilities	This action is determined to be accomplished as needed
Encourage property owners to participate in mitigation policy formulation	This action is determined to be accomplished as needed
Promote environmentally sound watershed and storm water practices to decrease flash flooding	This action is determined to be an ongoing activity
Improve drainage of roadways in flashflood areas	This action is determined to be an ongoing activity
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
To provide earthquake preparedness and safety literature each year	This action is determined to be accomplished as needed
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed
Decrease wildfire risk areas by incorporating buffer zones into subdivision regulations	This action is determined to be an ongoing activity
Promote fire-resistant construction materials	This action is determined to be accomplished as needed, brochures are available
Floodplain & seismic zone community education program	This action is determined to be an ongoing activity
Consider known hazards when identifying a site for new facilities and systems	This action is determined to be an ongoing activity
Encourage tornado safe rooms	This action is determined to be an ongoing activity
Encourage up to date commercial and industrial disaster plans that are coordinated with community disaster plans	This action is determined to be accomplished as needed, brochures are available
Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity

<b>Deleted Actions</b>	<b>Reason for Deletion</b>
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic incidents	This action is determined to be an ongoing activity
Encourage best practices for drought-resistant farming	This action is determined to be accomplished as needed, brochures are available
Resolve any existing environmental conflicts and take steps to prevent future conflicts	This action is determined to be an ongoing activity
Work with DNR on earthen dams and periodic inspections	This activity is determined to be accomplished by the Department of Natural Resources
Promote building codes in incorporated areas that currently do not have such regulations	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed
Maintain an inventory of levees in the county	This action is determined to be accomplished as needed
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
<b>City of Marthasville</b>	
Encourage property owners to participate in mitigation policy formulation	This action is determined to be accomplished as needed
Review and revise flood-fighting plans as needed	This action is determined to be an ongoing activity
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
To provide earthquake preparedness and safety literature each year	This action is determined to be accomplished as needed
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed

<b>Deleted Actions</b>	<b>Reason for Deletion</b>
Decrease wildfire risk areas by incorporating buffer zones into subdivision regulations	This action is determined to be an ongoing activity
Promote fire-resistant construction materials	This action is determined to be accomplished as needed, brochures are available
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Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic incidents	This action is determined to be an ongoing activity
Encourage best practices for drought-resistant farming	This action is determined to be an ongoing activity
Resolve environmental conflicts	This action is determined to be an ongoing activity
Promote building codes in incorporated areas that currently do not have such regulations	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed
Maintain an inventory of levees	This action is determined to be an ongoing activity
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
<b>Village of Pendleton</b>	
Promote environmentally sound watershed and storm water practices to decrease flash flooding	This action is determined to be an ongoing activity
Improve drainage of roadways in flashflood areas	This action is determined to be an ongoing activity
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed

Deleted Actions	Reason for Deletion
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
To provide earthquake preparedness and safety literature each year	This action is determined to be accomplished as needed
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
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Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed
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Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic incidents	This action is determined to be an ongoing activity
Encourage best practices for drought-resistant farming	This action is determined to be an ongoing activity
Resolve environmental conflicts	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed
Maintain an inventory of levees	This action is determined to be an ongoing activity
Maintain essential public services	This action is determined to be accomplished as needed
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity

Deleted Actions	Reason for Deletion
<b>City of Warrenton</b>	
Identify geographic areas in need of warning systems	Warrenton has sirens and this action is determined to be accomplished as needed
Improve flood alerting system capabilities	This action is determined to be accomplished as needed
Promote environmentally sound watershed and storm water practices to decrease flash flooding	This action is determined to be an ongoing activity
Improve drainage of roadways in flashflood areas	This action is determined to be an ongoing activity
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
To provide earthquake preparedness and safety literature each year	This action is determined to be accomplished as needed
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed
Decrease wildfire risk areas by incorporating buffer zones into subdivision regulations	This action is determined to be an ongoing activity
Promote fire-resistant construction materials	This action is determined to be accomplished as needed, brochures are available
Floodplain & seismic zone community education program	This action is determined to be an ongoing activity
Consider known hazards when identifying a site for new facilities and systems	This action is determined to be an ongoing activity
Encourage tornado safe rooms	This action is determined to be an ongoing activity
Encourage up to date commercial and industrial disaster plans that are coordinated with community disaster plans	This action is determined to be accomplished as needed, brochures are available
Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Encourage best practices for drought-resistant farming	This action is determined to be accomplished as needed, brochures are available
Resolve any existing environmental conflicts and take steps to prevent future conflicts	This action is determined to be an ongoing activity

<b>Deleted Actions</b>	<b>Reason for Deletion</b>
Promote building codes in incorporated areas that currently do not have such regulations	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed
Maintain essential public services	This action is determined to be accomplished as needed
Maintain an inventory of levees in the county	This action is determined to be accomplished as needed
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
<b>City of Wright City</b>	
Improve flood alerting system capabilities	This action is determined to be accomplished as needed
Promote environmentally sound watershed and storm water practices to decrease flash flooding	This action is determined to be an ongoing activity
Improve drainage of roadways in flashflood areas	This action is determined to be an ongoing activity
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
To provide earthquake preparedness and safety literature each year	This action is determined to be accomplished as needed
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed
Decrease wildfire risk areas by incorporating buffer zones into subdivision regulations	This action is determined to be an ongoing activity
Promote fire-resistant construction materials	This action is determined to be accomplished as needed, brochures are available
Floodplain & seismic zone community education program	This action is determined to be an ongoing activity
Consider known hazards when identifying a site for new facilities and systems	This action is determined to be an ongoing activity

Deleted Actions	Reason for Deletion
Encourage tornado safe rooms	This action is determined to be an ongoing activity
Encourage up to date commercial and industrial disaster plans that are coordinated with community disaster plans	This action is determined to be accomplished as needed, brochures are available
Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic accidents	This action is determined to be an ongoing activity
Encourage best practices for drought-resistant farming	This action is determined to be accomplished as needed, brochures are available
Resolve any existing environmental conflicts and take steps to prevent future conflicts	This action is determined to be an ongoing activity
Promote building codes in incorporated areas that currently do not have such regulations	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed
Maintain essential public services	This action is determined to be accomplished as needed
Maintain an inventory of levees in the county	This action is determined to be accomplished as needed
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
<b>City of Truesdale</b>	
Improve flood alerting system capabilities	This action is determined to be accomplished as needed
Promote environmentally sound watershed and storm water practices to decrease flash flooding	This action is determined to be an ongoing activity
Improve drainage of roadways in flashflood areas	This action is determined to be an ongoing activity

Deleted Actions	Reason for Deletion
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
To provide earthquake preparedness and safety literature each year	This action is determined to be accomplished as needed
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed
Consider known hazards when identifying a site for new facilities and systems	This action is determined to be an ongoing activity
Encourage up to date commercial and industrial disaster plans that are coordinated with community disaster plans	This action is determined to be accomplished as needed, brochures are available
Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic accidents	This action is determined to be an ongoing activity
Resolve any existing environmental conflicts and take steps to prevent future conflicts	This action is determined to be an ongoing activity
Promote building codes in incorporated areas that currently do not have such regulations	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed
Maintain an inventory of levees in the county	This action is determined to be accomplished as needed
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
<b>Warren County R-III School District</b>	

Deleted Actions	Reason for Deletion
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
Identify public challenge issues and identify ways to promote healthy lifestyle changes	Warren County handles this on an ongoing basis.
Identify causes of disease and promote control measures	Warren County handles this on an ongoing basis.
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed
Encourage tornado safe rooms in new construction	This action is determined to be an ongoing activity
Encourage up to date commercial and industrial disaster plans that are coordinated with community disaster plans	This action is determined to be accomplished as needed, brochures are available
Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic accidents	This action is determined to be an ongoing activity
Encourage best practices for drought resistant farming	This action is determined to be an ongoing activity
Resolve any existing environmental conflicts and take steps to prevent future conflicts	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed
Maintain essential public services	This action is determined to be an ongoing activity
Maintain an inventory of levees in the county	This action is determined to be accomplished as needed
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity

Deleted Actions	Reason for Deletion
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
<b>Wright City R-II School District</b>	
Encourage property owners to participate in mitigation policy formulation	This action is determined to be accomplished as needed
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed
Identify public challenge issues and identify ways to promote healthy lifestyle changes	Warren County handles this on an ongoing basis.
Identify causes of disease and promote control measures	Warren County handles this on an ongoing basis.
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed
Encourage up to date commercial and industrial disaster plans that are coordinated with community disaster plans	This action is determined to be accomplished as needed, brochures are available
Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic accidents	This action is determined to be an ongoing activity
Encourage best practices for drought resistant farming	This action is determined to be an ongoing activity
Resolve any existing environmental conflicts and take steps to prevent future conflicts	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed
Maintain essential public services	This action is determined to be an ongoing activity
Maintain an inventory of levees in the county	This action is determined to be accomplished as needed

Deleted Actions	Reason for Deletion
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
<b>Gasconade County R-I School District</b>	
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
Identify public challenge issues and identify ways to promote healthy lifestyle changes	Warren County handles this on an ongoing basis.
Identify causes of disease and promote control measures	Warren County handles this on an ongoing basis.
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed
Encourage tornado safe rooms in new construction	This action is determined to be an ongoing activity
Encourage up to date commercial and industrial disaster plans that are coordinated with community disaster plans	This action is determined to be accomplished as needed, brochures are available
Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic accidents	This action is determined to be an ongoing activity
Encourage best practices for drought resistant farming	This action is determined to be an ongoing activity
Resolve any existing environmental conflicts and take steps to prevent future conflicts	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed

Deleted Actions	Reason for Deletion
Maintain essential public services	This action is determined to be an ongoing activity
Maintain an inventory of levees in the county	This action is determined to be accomplished as needed
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity
<b>School District of Washington</b>	
Encourage property owners to participate in mitigation policy formulation	This action is determined to be accomplished as needed
Develop hazard area maps and promote use by the public	This action is determined to be an ongoing activity
Consider additional training for emergency management personnel	This action is determined to be accomplished as needed
Identify public challenge issues and identify ways to promote healthy lifestyle changes	Warren County handles this on an ongoing basis.
Identify causes of disease and promote control measures	Warren County handles this on an ongoing basis.
Identify ways to promote FEMA safety tips and mitigation techniques	This action is determined to be accomplished as needed, brochures are available
Review and upgrade policies for identifying and budgeting additional emergency equipment	This action is determined to be accomplished as needed and depending on the availability of budget
Execute and maintain mutual aid agreements with all relevant agencies	This action is determined to be an ongoing activity
Review and upgrade redundancies for the 911 center/EOC	This action is determined to be accomplished as needed
Encourage up to date commercial and industrial disaster plans that are coordinated with community disaster plans	This action is determined to be accomplished as needed, brochures are available
Maintain an inventory of special needs population	This action is determined to be an ongoing activity
Enhance warning systems and notifications for special population	This action is determined to be an ongoing activity
Identify and provide mass care shelters	This action is determined to be an ongoing activity
Maintain inventory of vulnerable infrastructure	This action is determined to be an ongoing activity
Maintain an inventory of traffic accidents	This action is determined to be an ongoing activity
Encourage best practices for drought resistant farming	This action is determined to be an ongoing activity
Resolve any existing environmental conflicts and take steps to prevent future conflicts	This action is determined to be an ongoing activity
Facilitate rainwater percolation in the ground water supply	This action is determined to be accomplished as needed
Review, prioritize, institute and monitor needed upgrades or retrofits for critical buildings and infrastructure	This action is determined to be accomplished as needed

Deleted Actions	Reason for Deletion
Review emergency access routes and evacuation routes and mitigate any problem areas	This action is determined to be accomplished as needed
Maintain essential public services	This action is determined to be an ongoing activity
Maintain an inventory of levees in the county	This action is determined to be accomplished as needed
Identify, review, and implement mechanisms to foster collaboration among jurisdictions, agencies and special districts	This action is determined to be an ongoing activity
Improve planning, funding and response coordination	This action is determined to be an ongoing activity

Source: 2016 Warren County Hazard Mitigation Plan; 2020 Data Collection Questionnaires.

## 4.3 Implementation of Mitigation Actions

Jurisdictional MPC members were encouraged to meet with others in their community to finalize the actions to be submitted for the updated mitigation strategy. Throughout the MPC consideration and discussion, emphasis was placed on the importance of a benefit-cost analysis in determining project priority. The Disaster Mitigation Act requires benefit-cost review as the primary method by which mitigation projects should be prioritized. The MPC decided to pursue implementation according to when and where damage occurs, available funding, political will, jurisdictional priority, and priorities identified in the 2018 Missouri State Hazard Mitigation Plan. The benefit/cost review at the planning stage primarily consisted of a qualitative analysis and was not the detailed process required for grant funding application. For each action, the plan sets forth a narrative describing the types of benefits that could be realized from action implementation. The cost was estimated as closely as possible, with further refinement to be supplied as project development occurs.

The plan indicates if the prioritization process and / or methodology have changed since the previous plan's adoption. If the process changed, the change is described along with the how and why it changed. If the prioritization process and methodology did not change, it is so noted. Actions were prioritized independently for EACH jurisdiction. For example, if two communities each had an action to acquire floodprone properties, these were evaluated independently based on each jurisdiction's capabilities.

FEMA's STAPLEE methodology was used to assess the costs and benefits, overall feasibility of mitigation actions, and other issues impacting project. During the prioritization process, the jurisdictions used worksheets to assign scores. The worksheets posed questions based on the STAPLEE elements as well as the potential mitigation effectiveness of each action. Scores were based on the responses to the questions as follows:

Definitely YES = 3 points  
 Maybe YES = 2 points  
 Probably NO = 1 points  
 Definitely NO = 0 points

The following questions were asked for each proposed action.

S: Is the action socially acceptable?  
 T: Is the action technically feasible and potentially successful?  
 A: Does the jurisdiction have the administrative capability to successfully implement this action?  
 P: Is the action politically acceptable?

L: Does the jurisdiction have the legal authority to implement the action?

E: Is the action economically beneficial?

E: Will the project have an environmental impact that is either beneficial or neutral? (score "3" if positive and "2" if neutral)

Will the implemented action result in lives saved?

Will the implanted action result in a reduction of disaster damage?

The final scores are listed below in the analysis of each action. The worksheets are attached to this plan as Appendix B. The STAPLEE final score for each action, absent other considerations, such as a localized need for a project, determined the priority. Low priority action items were those that had a total score of between 0 and 24. Medium priority actions were those scoring between 25 and 29. High priority actions scored 30 or above.

No new action items are added to Goal 3. All the action items included in 2016 plan are determined as an ongoing activity or already accomplished. However, the committee decided to keep Goal 3 for future plan purposes.

**Figure 4.1. Blank STAPLEE Worksheet**

<b>STAPLEE Worksheet</b>		
<b>Name of Jurisdiction:</b>		
<b>Action or Project</b>		
<b>Action/Project Number:</b>	Insert a unique action number for this action for future tracking purposes. This can be a combination of the jurisdiction name, followed by the goal number and action number (i.e. Joplin1.1)	
<b>Name of Action or Project:</b>		
<b>Mitigation Category:</b>	Prevention; Structure and Infrastructure Projects; Natural Systems Protection; Education and Outreach; Emergency Services	
STAPLEE Criteria	Evaluation Rating	Score
	Definitely YES = 3    Maybe YES = 2 Probably NO = 1    Definitely NO = 0	
<b>S:</b> Is it <b>Socially</b> Acceptable		
<b>T:</b> Is it <b>Technically</b> feasible and potentially successful?		
<b>A:</b> Does the jurisdiction have the <b>Administrative</b> capacity to execute this action?		
<b>P:</b> Is it <b>Politically</b> acceptable?		
<b>L:</b> Is there <b>Legal</b> authority to implement?		
<b>E:</b> Is it <b>Economically</b> beneficial?		
<b>E:</b> Will the project have either a neutral or positive impact on the natural <b>Environment</b> ?		
Will historic structures be saved or protected?		
Could it be implemented quickly?		
<b>STAPLEE SCORE</b>		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	
<b>MITIGATION EFFECTIVENESS SCORE</b>		
<b>TOTAL SCORE (STAPLEE + Mitigation Effectiveness)</b>		

<input type="checkbox"/> <b>High Priority</b> (30+ points)	<input type="checkbox"/> <b>Medium Priority</b> (25 - 29 points)	<input type="checkbox"/> <b>Low Priority</b> (<25 points)
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Completed by  
(Name, Title, Phone Number) \_\_\_\_\_

### 4.3.1 2020 Updated Action Plans

<b>Name of Jurisdiction</b>	Warren County
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of early warning systems
<b>Hazard(s) Addressed</b>	Tornadoes, Severe Thunderstorms
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.1.1
<b>Name of Action or Project</b>	Installing sirens or warning systems
<b>Action or Project Description</b>	To identify areas in need of warning systems
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$25,000 for sirens; \$1 million for safe rooms
<b>Benefits</b>	Advance notice will reduce injuries and casualties
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Warren County Emergency Management Agency Director, County Commission
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	2 years
<b>Potential Funding Sources</b>	FEMA funds, USDA
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Warren County Emergency Operations Plan- Communications Section
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	County commissioners and the EMD are working together to identify areas in need of warning systems.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Warren County
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of public input related to floodplain management
<b>Hazard(s) Addressed</b>	Floods and Flash floods
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Continue to participate in NFIP
<b>Action or Project Description</b>	Continue to adopt and enforce floodplain maps and requirements, as needed
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Speeds up recovery claims for those affected by flooding.
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Warren County Emergency Management Director, Warren County Floodplain Manager, County Assessor
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Warren County Emergency Operations Plan, Emergency Management Agency public outreach
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County participates in NFIP. EMD works with floodplain manager, county assessor's office, and residents to identify properties that lie in a hazard area. Recently, the county purchased backpacks for volunteers to assess the damages.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Warren County
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Flood loss of commercial and residential properties
<b>Hazard(s) Addressed</b>	Floods and Flash floods
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.2
<b>Name of Action or Project</b>	Target any remaining repetitive flood loss properties for buyout
<b>Action or Project Description</b>	To work with residents in the floodplain areas
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Warren County Emergency Management Director, Warren County Floodplain Manager, County Assessor
<b>Action/Project Priority</b>	Low
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	CDBG, USDA, buyout programs
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Warren County Emergency Operations Plan, Emergency Management Agency public outreach
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	After the 1993 and 2009 floods vast majority of residential structures were brought out by FEMA. The remaining properties in the Missouri River floodplain are agricultural properties. The Committee agreed to keep the action plan open to ensure the floodplain ordinances are monitored and current.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Warren County
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Warren County Health Department, Warren County Emergency Management Director
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Village of Innsbrook
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of early warning systems
<b>Hazard(s) Addressed</b>	Tornadoes, Severe Thunderstorms
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.1.1
<b>Name of Action or Project</b>	Installing sirens or warning systems
<b>Action or Project Description</b>	To identify areas in need of warning systems
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$25,000 for sirens; \$1 million for safe rooms
<b>Benefits</b>	Advance notice will reduce injuries and casualties
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Trustees
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	2 years
<b>Potential Funding Sources</b>	FEMA funds, USDA
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency plan, Mitigation plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Village plans to work with Warren County on identifying areas.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Village of Innsbrook
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of public input related to floodplain management
<b>Hazard(s) Addressed</b>	Floods and Flash floods
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Continue to participate in NFIP
<b>Action or Project Description</b>	Continue to adopt and enforce floodplain maps and requirements, as needed
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Speeds up recovery claims for those affected by flooding.
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Village Chairperson
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan, Floodplain maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Village of Innsbrook participates in NFIP and continue to enforce floodplain requirements as needed.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Village of Innsbrook
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Village Chairperson
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Village of Innsbrook
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous essential public services
<b>Hazard(s) Addressed</b>	All hazards
<b>Action or Project</b>	
<b>Action/Project Number</b>	3.1.3
<b>Name of Action or Project</b>	Maintain essential public services. Village is looking for funding opportunities to install fire hydrants
<b>Action or Project Description</b>	Government and emergency operations may not be able to function following a disaster
<b>Applicable Goal Statement</b>	Goal 3- Ensure continued operation of government and emergency functions in a disaster
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Trustees
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs & private funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Infrastructure maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Village is identifying priority areas
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Marthasville
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of public input related to floodplain management
<b>Hazard(s) Addressed</b>	Floods and Flash floods
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Continue to participate in NFIP
<b>Action or Project Description</b>	Continue to adopt and enforce floodplain maps and requirements, as needed
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Speeds up recovery claims for those affected by flooding.
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Warren County Emergency Management Director, Warren County Floodplain Manager, County Assessor
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan, Floodplain maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Village of Innsbrook participates in NFIP and continue to enforce floodplain requirements as needed.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Marthasville
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Flood loss of commercial and residential properties
<b>Hazard(s) Addressed</b>	Floods and Flash floods
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.2
<b>Name of Action or Project</b>	Target any remaining repetitive flood loss properties for buyout
<b>Action or Project Description</b>	To work with residents in the floodplain areas
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Mayor and Alderman
<b>Action/Project Priority</b>	Low
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	CDBG, USDA, buyout programs
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, NFIP maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	After the 1993 and 2009 floods vast majority of residential structures were brought out by FEMA. The remaining properties in the Missouri River floodplain are agricultural properties. The Committee agreed to keep the action plan open to ensure the floodplain ordinances are monitored and current.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Marthasville
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Mayor
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Marthasville
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous essential public services
<b>Hazard(s) Addressed</b>	All hazards
<b>Action or Project</b>	
<b>Action/Project Number</b>	3.1.3
<b>Name of Action or Project</b>	Maintain essential public services. City is looking to upgrade and expand the water system
<b>Action or Project Description</b>	Government and emergency operations may not be able to function following a disaster
<b>Applicable Goal Statement</b>	Goal 3- Ensure continued operation of government and emergency functions in a disaster
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Alderman
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs & private funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Infrastructure maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	City is working on a feasibility report
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Village of Pendleton
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of early warning systems
<b>Hazard(s) Addressed</b>	Tornadoes, Severe Thunderstorms
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.1.1
<b>Name of Action or Project</b>	Installing sirens or warning systems
<b>Action or Project Description</b>	To identify areas in need of warning systems
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$25,000 for sirens; \$1 million for safe rooms
<b>Benefits</b>	Advance notice will reduce injuries and casualties
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Trustees
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	2 years
<b>Potential Funding Sources</b>	FEMA funds, USDA
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency plan, Mitigation plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Village plans to work with Warren County on identifying areas.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Village of Pendleton
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Village Chairperson
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Village of Pendleton
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Unregulated construction is more likely to sustain damage from hazards listed below
<b>Hazard(s) Addressed</b>	Earthquake, Wildfires, Highwinds and Thunderstorms
<b>Action or Project</b>	
<b>Action/Project Number</b>	2.2.1
<b>Name of Action or Project</b>	Promote building codes in incorporated areas that currently do not have such regulations
<b>Action or Project Description</b>	The Village will work on updating zoning ordinances
<b>Applicable Goal Statement</b>	Goal 2- Manage growth through sustainable principle and practices
<b>Estimated Cost</b>	\$500
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Village Chairperson
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	1 year
<b>Potential Funding Sources</b>	Local funds, Government programs
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Village Planning & Zoning Ordinances
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Boonslick is working with the Village on updating ordinances
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Truesdale
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of public input related to floodplain management
<b>Hazard(s) Addressed</b>	Floods and Flash floods
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed
<b>Action or Project Description</b>	Continue to adopt and enforce floodplain maps and requirements, as needed
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Speeds up recovery claims for those affected by flooding.
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Alderman
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan, Floodplain maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	City of Truesdale participates in NFIP and continue to enforce floodplain requirements as needed.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Truesdale
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Many homes do not have a safe place to endure a tornado
<b>Hazard(s) Addressed</b>	Tornadoes and Severe Storms
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Complete the construction of the community safe room
<b>Action or Project Description</b>	To work with the engineer on compleitng the project
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$1,682,883 FEMA funds; \$186,987 local funds
<b>Benefits</b>	Reduce loss of life and personal injuries
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Alderman
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	2 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	The project is in design phase
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Truesdale
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Mayor
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Truesdale
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous essential public services
<b>Hazard(s) Addressed</b>	All hazards
<b>Action or Project</b>	
<b>Action/Project Number</b>	3.1.3
<b>Name of Action or Project</b>	Maintain essential public services. City is looking to conduct a sewer study to decide whether they would like to be on City of Warrenton's sewer or build a new sewer treatment plant
<b>Action or Project Description</b>	Government and emergency operations may not be able to function following a disaster
<b>Applicable Goal Statement</b>	Goal 3- Ensure continued operation of government and emergency functions in a disaster
<b>Estimated Cost</b>	\$30,000- \$2 million
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Alderman
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs & private funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Infrastructure maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	City is working on the sewer study
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Warrenton
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of public input related to floodplain management
<b>Hazard(s) Addressed</b>	Floods and Flash floods
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Continue to participate in NFIP
<b>Action or Project Description</b>	Continue to adopt and enforce floodplain maps and requirements, as needed
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Speeds up recovery claims for those affected by flooding.
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Alderman
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan, Floodplain maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	City of Warrenton participates in NFIP and continue to enforce floodplain requirements as needed.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Warrenton
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Mayor
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Warrenton
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Reduce disruption to transportation due to hazard events
<b>Hazard(s) Addressed</b>	All hazards
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.8.3
<b>Name of Action or Project</b>	City is looking for funding opportunities for road/sidewalk projects- #1 Change merge lane on Route 47 to right turn only not merge left; #2 To fix congestion issues from I-70 to Hickory Lick Road in Warrenton; #3 Congestion from Route M/MM to Quarry Road
<b>Action or Project Description</b>	Evaluate use of highway right of way as fire break and snow containment area
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$2 million
<b>Benefits</b>	Reduces likelihood of transportation disruptions
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Alderman
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan, Floodplain maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	City is currently working with local, regional and state agencies to prioritize projects
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Wright City
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of public input related to floodplain management
<b>Hazard(s) Addressed</b>	Floods and Flash floods
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Continue to participate in NFIP
<b>Action or Project Description</b>	Continue to adopt and enforce floodplain maps and requirements, as needed
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Speeds up recovery claims for those affected by flooding.
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Alderman
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan, Floodplain maps
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	City of Wright City participates in NFIP and continue to enforce floodplain requirements as needed.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Wright City
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Lack of early warning systems
<b>Hazard(s) Addressed</b>	Tornadoes, Severe Thunderstorms
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.1.1
<b>Name of Action or Project</b>	Identify geographic areas in need of warning systems
<b>Action or Project Description</b>	To identify areas in need of warning systems
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Advance notice will reduce injuries and casualties
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Board of Alderman
<b>Action/Project Priority</b>	Medium
<b>Timeline for Completion</b>	2 years
<b>Potential Funding Sources</b>	FEMA funds, USDA
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency plan, Mitigation plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	City plans to work with Warren County on identifying areas.
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	City of Wright City
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Mayor
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Warren County R-III School District
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	School District does not have a safe place to endure a tornado
<b>Hazard(s) Addressed</b>	Tornadoes and Severe Storms
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Prioritize to build a tornado safe room
<b>Action or Project Description</b>	To work with SEMA on potential funding opportunities
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce loss of life and personal injuries
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	School board
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Currently looking for opportunities for potential funding
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Warren County R-III School District
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Superintendent
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Wright City R-II School District
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	School District does not have a safe place to endure a tornado
<b>Hazard(s) Addressed</b>	Tornadoes and Severe Storms
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Prioritize to build a tornado safe room
<b>Action or Project Description</b>	To work with SEMA on potential funding opportunities
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce loss of life and personal injuries
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	School board
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Currently looking for opportunities for potential funding
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Wright City R-II School District
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Superintendent
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Gasconade County R-II School District
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	School District does not have a safe place to endure a tornado
<b>Hazard(s) Addressed</b>	Tornadoes and Severe Storms
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Prioritize to build a tornado safe room
<b>Action or Project Description</b>	To work with SEMA on potential funding opportunities
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce loss of life and personal injuries
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	School board
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Currently looking for opportunities for potential funding
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	Gasconade County R-II School District
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Superintendent
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	School District of Washington
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	Need for continuous post disaster healthcare
<b>Hazard(s) Addressed</b>	All post disasters
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.7.4
<b>Name of Action or Project</b>	Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.
<b>Action or Project Description</b>	To continue to provide post disaster healthcare
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$0
<b>Benefits</b>	Reduce injuries, loss of life, and property damage
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	Superintendent
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, Government programs, Homeland Security CERT funding
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Local emergency plan, Warren County Pandemic Influenza Response Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Warren County is planning to update the Pandemic Response Plan
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency

<b>Name of Jurisdiction</b>	School District of Washington
<b>Risk/Vulnerability</b>	
<b>Problem being mitigated</b>	School District does not have a safe place to endure a tornado
<b>Hazard(s) Addressed</b>	Tornadoes and Severe Storms
<b>Action or Project</b>	
<b>Action/Project Number</b>	1.2.1
<b>Name of Action or Project</b>	Prioritize to build a tornado safe room
<b>Action or Project Description</b>	To work with SEMA on potential funding opportunities
<b>Applicable Goal Statement</b>	Goal 1- Protect the lives and livelihoods of all citizens
<b>Estimated Cost</b>	\$4-\$7 million
<b>Benefits</b>	Reduce loss of life and personal injuries
<b>Plan for Implementation</b>	
<b>Responsible Organization/ Department</b>	School board
<b>Action/Project Priority</b>	High
<b>Timeline for Completion</b>	5 years
<b>Potential Funding Sources</b>	Local funds, FEMA funds
<b>Local Planning Mechanisms to be used in Implementation, if any</b>	Emergency Operations Plan
<b>Progress Report</b>	
<b>Action Status</b>	Continuing
<b>Report of Progress</b>	Currently looking for opportunities for potential funding
<b>Completed by</b>	Boonslick Regional Planning, Warren County Emergency Management Agency



Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Complete the construction of the community safe room	City of Truesdale	High	Goal 1	Tornadoes, Severe thunderstorms	Yes	Yes	Yes
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	City of Truesdale	High	Goal 1	All hazards	Yes	Yes	No
Maintain essential public services. City is looking to conduct a sewer study	City of Truesdale	Medium	Goal 3	All hazards	Yes	Yes	No
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	City of Warrenton	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	City of Warrenton	High	Goal 1	All hazards	Yes	Yes	No
City is looking for funding opportunities for road/sidewalk projects	City of Warrenton	Medium	Goal 1	All hazards	Yes	Yes	Yes
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	City of Wright City	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Identify geographic areas in need of warning systems	City of Wright City	Medium	Goal 1	Tornadoes, Severe thunderstorms	Yes	Yes	No
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	City of Wright City	High	Goal 1	All hazards	Yes	Yes	No
Prioritize to build a tornado safe room	Warren County R-III School District	High	Goal 1	Tornadoes and Severe Storms	Yes	Yes	No
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Warren County R-III School District	High	Goal 1	All hazards	Yes	Yes	No
Prioritize to build a tornado safe room	Wright City R-II School District	High	Goal 1	Tornadoes and Severe Storms	Yes	Yes	No
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Wright City R-II School District	High	Goal 1	All hazards	Yes	Yes	No
Prioritize to build a tornado safe room	Gasconade County R-II School District	High	Goal 1	Tornadoes and Severe Storms	Yes	Yes	No
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Gasconade County R-II School District	High	Goal 1	All hazards	Yes	Yes	No

<b>Action</b>	<b>Jurisdiction</b>	<b>Priority</b>	<b>Goals Addressed</b>	<b>Hazards Addressed</b>	<b>Address Current Development</b>	<b>Address Future Development</b>	<b>Continued Compliance with NFIP</b>
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	School District of Washington	High	Goal 1	All hazards	Yes	Yes	No

