## Introduction to IL-CATT

The Illinois Capability and THIRA Tool (IL-CATT) cycle starts with the first step in the National Preparedness System: *Identifying and Assessing Risk*. Risk is the potential for an unwanted outcome resulting from an incident or occurrence, as determined by its likelihood and the associated consequences. In the THIRA, jurisdictions identify risks with the potential to most challenge their capabilities and expose areas in which the jurisdiction is not as capable as it aims to be. These areas, or capability gaps, create barriers in a jurisdiction's ability to prevent, protect against, mitigate, respond to, and recover from a threat or hazard. Understanding the risks they face will make it easier for jurisdictions to determine what level of capability they should plan to build and sustain. Jurisdictions can use the information that comes from the IL-CATT process to answer five key strategic questions about their preparedness risks and capabilities. **What do we need to prepare for? What level of capability do we need to be prepared? What are our current capabilities? What gaps exist between the capabilities we need and the capabilities we currently have? How can we address our capability gaps?**

In addition to the *Identifying and Assessing Risk* component of the National Preparedness System, jurisdictions use the IL-CATT for *Estimating Capability Requirements*. This involves determining the specific level of capability that best addresses a jurisdiction's risks. These jurisdiction-specific capability levels are what jurisdictions use to determine their current level of capability, identify their capability gaps, and identify how they can close those gaps. The outputs of the IL-CATT provide jurisdictions a foundation to prioritize decisions, close gaps in capability, support continuous improvement processes, and drive the other National Preparedness System components.

Definition: The term Community used in the IL-CATT is a multi-purpose term. For example, at the County level, the term Community/Communities would refer to the towns, municipalities, villages, etc that are within the geographic boundary of the County and are bound by County ordinances. The term Community/Communities at the city level would refer to the wards, precincts, districts, etc that are within the geographic boundary of the city and are bound by city ordinances.

## Community Wide Involvement

Recognizing that preparedness is a shared responsibility, the National Preparedness System calls for everyone --not just government agencies --to be involved in preparedness efforts. Jurisdiction-wide involvement is an important principle in preparedness that entails involving stakeholders throughout preparedness development, and ensuring preparedness materials reflect their roles and responsibilities. Including stakeholders early on and throughout the IL-CATT process helps the jurisdiction to conduct accurate and comprehensive assessments. Furthermore, involving stakeholders throughout the process empowers them to use the data to help drive priorities and investments within their own organizations.

As such, developing a comprehensive and accurate IL-CATT requires active jurisdiction involvement from stakeholders and subject-matter experts (SMEs). Including the perspectives and expertise of these key stakeholders gives jurisdictions critical information regarding planning factors and capability levels across all mission areas. As a result, emergency managers will be well-positioned to provide essential information about the status of capabilities and consider IL-CATT data in their planning efforts, including the development of strategic, operational, and tactical plans.

## How to use the IL-CATT in WebEOC

Use the tabs across the top to fill in each section of the IL-CATT. Please try and fill out all the information in each tab before moving onto the next, as the information collected in previous tabs affects the information in future tabs.

| Area of Expertise | Full Name | Position | Phone | Email |
|---|---|---|---|---|
| Emergency Management | Pat Creek | Williamson County Emergency Management Deputy Director | 618-998-2123 | pcreek@williamsoncountyema-il.gov |
| Fire Service | Ron Rains | Carterville Fire Chief | 618-218-3094 | rrains@visitcarterville.com |
| Fire Service | Tom Burton | Johnston City Fire Chief | 618-889-3308 | jcfirel984@gmail.com |
| Other | Bruce Talley | ARC Representative | 618-985-6391 | mabasdiv45@frontier.com |
| Emergency Management | Brian Burgess | Williamson County Emergency Management Director | 618-998-2123 | bburgess@williamsoncountyema-il.gov |
| Fire Service | Jeremy Norris | Williamson County Fire Protection District Fire Chief | 618-889-5201 | chief@wcfpd.net |
| Emergency Management | William Barret | Coordinator Marion EMA | 618-694-7420 | 911@marionpolicedepartment.com |
| Hospital | Brad Graul | Emergency Coordinator | 618-559-4098 | brad.graul@sih.net |
| Law Enforcement | Calvin Stearns | ILEAS | 618-559-4763 | dstearns@ileas.org |

| LOW (1-20%) | GUARDED (21-40%) | ELEVATED (41-60%) | HIGH (61-80%) | SEVERE (81-100%) |
|---|---|---|---|---|
| 0 | 2 | 6 | 3 | 0 |

**THE THREAT ASSESSMENT IS CALCULATED BY THE FORMULA OF (RISK + VULNERABILITY / 2)**

| Threat / Hazard | Threat Assessment | Risk | Vulnerability | Consequence and Impact |
|---|---|---|---|---|
| Tornado | HIGH | 60% | 88% | 29% |
| Epidemic | GUARDED | 20% | 44% | 26% |
| Earthquake | ELEVATED | 20% | 64% | 83% |
| Severe Weather | HIGH | 60% | 72% | 29% |
| Winter Storm | ELEVATED | 20% | 72% | 46% |
| Flood | ELEVATED | 20% | 68% | 23% |
| Mine Accident | ELEVATED | 20% | 64% | 23% |
| Hazardous Materials Release | HIGH | 60% | 84% | 40% |
| Active Shooter Incident | GUARDED | 20% | 60% | 26% |
| Cyber-Attack Data | ELEVATED | 20% | 84% | 26% |
| Dam Failure | ELEVATED | 20% | 68% | 31% |

| Tornado | Threat Assessment: | Risk: | Vulnerability: |
|---|---|---|---|
| | **HIGH**<br>(61-80%) | 60% | 88% |

**Context Description**

The most recent update to Williamson County Multi-Hazard Mitigation plan identified Tornado and Derechos as one of the top ten hazards identified for this jurisdiction with an average risk index of 14.6, included on 50 0f 52 partner lists with an overall percentage importance of 0.96 and a weighted rank of 14.04.

ArcGIS was used to simulate an EF4 tornado in Williamson County, IL. A hypothetical path was created with a polyline starting northwest of Cambria and traveling southeast across the county. The damage path goes through parts of Cambria, Carterville, Crainville, Marion, and Crab Orchard.

Total damage cost estimates of the EF 4 Tornado Model are as follows:
28 Highway Bridges destroyed for a total damage cost of $45,672,148.21
3 Railroad Bridges destroyed for a total damage cost of $5,489,852.49
4532 Residential Buildings destroyed with no approximated damage estimate
15 Essential Facilities destroyed for a total damage cost of $23,022,020.66
6 Critical Facilities destroyed for a total damage cost of $59,468,047.10

The total cost of damage is estimated at $133,652,078.94 with out the figures for residential properties.

From 1950 to 2021, there have been 17 records of tornados in Williamson County..
The most significant tornado of record occurred in May of 1982 as a EF 4 resulting in 10 deaths, 181 injuries and $250,000,000 in property damage.

Scenario:
An F-4 tornado hits, taking a slight northeast trajectory through Williamson County impacting the communities of Herrin and Johnston City as well as residents in the unincorporated areas.

With the first reports from storm spotters, the trajectory is heading through residential and business areas.

Initial reports are coming in of a homes and structures have taken direct hits with an unknown amount of people affected/trapped.

Communication from the area has been hit and there is no clear picture of the totality of the situation.

The news has spread and response agencies throughout the area are self-dispatching due to the few reports coming in and knowing you will need extra resources immediately.

**Risk of Occurrence**
Elevated: 41% to 60% probability of occurrence in the next 24 months

**Planning Confidence Level**
Confidence Level 1: Some plans/annexes are in development

**Organization Confidence Level**
Confidence Level 1: 0-20% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 2: 20-40% of required equipment exists

**Training Confidence Level**
Confidence Level 3: 40-60% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Public Impact**
Low: 1% to 2% of the total population of the jurisdiction

**Responders Impact**
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

**Continuity of Operations, including continued delivery of services Impact**
Low: Valid Plan and evaluated exercises and standard detailed training

**Property, Facilities, and Infrastructure Impact**
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

**Environment Impact**
Elevated: A small environmental impact, such as a spill or contamination that can be remedied with simple or readily accessible techniques

**Economic Condition of the jurisdiction Impact**
Guarded: 21% to 40% of business affected

**Public Confidence in the jurisdiction's governance Impact**
Low: Public accepts the management of the governments response

| Epidemic | Threat Assessment: | Risk: | Vulnerability: |
|---|---|---|---|
| | **GUARDED**<br>(21-40%) | 20% | 44% |

### Context Description

The most recent update to Williamson County Multi-Hazard Mitigation plan identified Disease Outbreak, Epidemic and Pandemics as one of the top ten hazards identified for Williamson County with an average risk index of 14.42, included on 38 of 52 partner lists with an overall percentage importance of 0.73 and a weighted rank of 10.54.

Currently, COVID 19 has resulted in 27,139 total cases in Williamson County (total population 68,558) which equates to 243.59 per 100,000 persons. Cases have resulted in 266 deaths in the county generating a mortality rate of 0.98% of cases . Illinois as a whole has experienced 3,800,000 total cases with 35,300 total deaths. As of May 17, 2022, Johns Hopkins University data estimates over one million people in the United States died as a result of COVID 19.

### Risk of Occurrence
Low: 1% to 20% probability of occurrence in the next 24 months

### Planning Confidence Level
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

### Organization Confidence Level
Confidence Level 3: 40-60% of required organization/personnel exists

### Equipment Confidence Level
Confidence Level 4: 60-80% of required equipment exists

### Training Confidence Level
Confidence Level 4: 60-80% of required training exists

### Exercise Confidence Level
Confidence Level 4: Exercises/real-world demonstration have occurred; some areas for improvement exist

### Public Impact
Low: 1% to 2% of the total population of the jurisdiction

### Responders Impact
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

### Continuity of Operations, including continued delivery of services Impact
Low: Valid Plan and evaluated exercises and standard detailed training

### Property, Facilities, and Infrastructure Impact
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

### Environment Impact
Low: No adverse impacts on the environment

### Economic Condition of the jurisdiction Impact
Elevated: 41% to 60% of business affected

### Public Confidence in the jurisdiction's governance Impact
Low: Public accepts the management of the governments response

| Earthquake | Threat Assessment: | Risk: | Vulnerability: |
|---|---|---|---|
| | **ELEVATED**<br>(41-60%) | 20% | 64% |

Context Description

The most recent update to Williamson County Multi-Hazard Mitigation plan identified Earthquake as one of the top ten hazards identified for this jurisdiction with an average risk index of 11.44, included on 47 of 52 partner lists with an overall percentage importance of 0.90 and a weighted rank of 10.34.

While the county has equal risk of an earthquake occurring, older buildings and infrastructure have a higher risk of damage if one occurred. Hazus 5.1 was used to model 2 different scenarios for Williamson County. Hazus uses data from the 2010 U.S. Decennial Census and the 2019 Homeland Infrastructure Foundation Level Data. Census tracts, population estimates, replacement values, and other data may not reflect the most current values.

Scenario 2: Magnitude 7.5 event in the New Madrid Seismic Zone

This model estimates damages and social impacts of a magnitude 7.5 earthquake in the central fault of the NMSZ for Williamson County, Illinois. It is important to note an earthquake of this magnitude would be catastrophic to the population, infrastructure, and economy of southeast Missouri, western Kentucky, southern Illinois, and surrounding areas; even though the effects in Williamson County are expected to be mild. The Mid America Earthquake Center estimated that if a repeat of the 1811-12 earthquakes occurred today, the NMSZ would suffer over 3,000 deaths, hundreds of hospitals could lose functionality, millions of households and businesses would lose water and electricity, and total economic losses would be in the hundreds of billions of dollars.

In this scenario, 1,560 buildings are estimated to be moderately or extensively damaged, and only 20 buildings are estimated to be completely damaged. No essential facilities are estimated to be damaged. No transportation systems are estimated to be damaged. No utility facilities are estimated to be damaged, but there is some damage to pipelines. No households are expected to lose utility services as a result of the earthquake.

The scenario estimates 33,000 tons of debris will result from building damage, requiring 1,320 truckloads to remove.

43 households would be displaced as a result of the earthquake, and 26 of the households would be in need of temporary public shelter. This model estimates between 22 and 33 level 1 injuries, 3-5 level 2 injuries, and 0-1 severe injuries or deaths would occur from the earthquake, with the 2pm scenario having the highest estimates.

In addition to the building related losses, there is an estimated $1.74 million economic loss to the transportation sector and $15.97 million economic loss to utility systems. Total Economic losses are estimated to be $108.43 million.

Risk of Occurrence
Low: 1% to 20% probability of occurrence in the next 24 months

Planning Confidence Level
Confidence Level 3: Plans/annexes are complete but require update

Organization Confidence Level
Confidence Level 3: 40-60% of required organization/personnel exists

Equipment Confidence Level
Confidence Level 3: 40-60% of required equipment exists

Training Confidence Level
Confidence Level 4: 60-80% of required training exists

Exercise Confidence Level
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

Public Impact
Severe: 13% to 100% of the total population of the jurisdiction

Responders Impact
Severe: 13% to 100% of responders are unable to respond to the Threat/Hazard

Continuity of Operations, including continued delivery of services Impact
Elevated: Plan with no exercises testing it with no detailed training

Property, Facilities, and Infrastructure Impact
Severe: 81% to 100% of government property, facilities, and infrastructure affected by Threat/Hazard

Environment Impact
Severe: A significant environmental impact, such as a major spill or contamination that has long-term effects despite best efforts to remediate

Economic Condition of the jurisdiction Impact
Severe: 81% to 100% of business affected

Public Confidence in the jurisdiction's governance Impact
Low: Public accepts the management of the governments response

| Severe Weather | Threat Assessment: | Risk: | Vulnerability: |
|---|---|---|---|
| | **HIGH** **(61-80%)** | 60% | 72% |

**Context Description**

The most recent update to Williamson County Multi-Hazard Mitigation plan identified Severe Weather (Thunderstorm) as one of the top ten hazards identified for this jurisdiction with an average risk index of 7.23, included on 48 of 52 partner lists with an overall percentage importance of 0.92 and a weighted rank of 6.67.

The largest impacts the Midwest is experiencing from climate change are an increase in spring and summer precipitation and increased flooding. From 2010-2014, the state of Illinois experienced a record number of extreme precipitation events. There are predicted increases in temperature, precipitation, and evaporation in Illinois, leading to frequent and more intense floods and droughts.

There are 98 total records of hail in Williamson County, with three reports of property damage and no records or death or injury.

There are three total records of lightning in Williamson County.

There are 115 total records of thunderstorm winds in Williamson County from 1966 – present with 65 of the records causing property damage and/or injuries.

**Risk of Occurrence**
Elevated: 41% to 60% probability of occurrence in the next 24 months

**Planning Confidence Level**
Confidence Level 2: Some plans/annexes exist

**Organization Confidence Level**
Confidence Level 3: 40-60% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 3: 40-60% of required equipment exists

**Training Confidence Level**
Confidence Level 3: 40-60% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Public Impact**
Low: 1% to 2% of the total population of the jurisdiction

**Responders Impact**
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

**Continuity of Operations, including continued delivery of services Impact**
Elevated: Plan with no exercises testing it with no detailed training

**Property, Facilities, and Infrastructure Impact**
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

**Environment Impact**
Guarded: Some detectable environmental impact but within acceptable tolerances

**Economic Condition of the jurisdiction Impact**
Low: 1% to 20% of business affected

**Public Confidence in the jurisdiction's governance Impact**
Low: Public accepts the management of the governments response

| Winter Storm | **Threat Assessment:** | **Risk:** | **Vulnerability:** |
|---|---|---|---|
| | **ELEVATED** (41-60%) | 20% | 72% |

### Context Description

The most recent update to Williamson County Multi-Hazard Mitigation plan identified Severe Winter Weather as one of the top ten hazards identified for this jurisdiction with an average risk index of 6.68, included on 48 of 52 partner lists with an overall percentage importance of 0.92 and a weighted rank of 6.17.

Severe winter weather is any cold weather event that poses risk to human life and property. Severe winter weather may also significantly disrupt transportation and economic sectors. Types of severe winter weather are heavy snowfall, extreme low temperatures, freezing rain, sleet, blizzards, ice storms, and strong winds. Freezing rain refers to precipitation falling as a liquid that enters sub-freezing air or cold surfaces, forming ice while sleet refers to precipitation that freezes while falling. The typical definition of severe winter storm for Illinois is an event that produces six inches of snow or more in 48 hours. Severity of winter weather can also be classified by wind speeds and ice.

Severe winter weather can inflict heavy tolls on the agriculture industry. Planting or harvesting can be delayed. Crops and livestock can die in extreme cases, especially in southern regions where many farmers do not have barns to house their animals in the event of a storm. Unsafe roads can disrupt transportation of harvest and other products on time, and icy conditions can delay barge shipments as well, which is relied on heavily along the Mississippi corridor.

Snow, freezing rain, ice, and sleet can all cause dangerous road conditions, even in small amounts. Disruption of traffic and business closures due to winter weather can negatively impact local and broader economies. Transportation of goods and passengers can be delayed and schools may be shut down when roadways are covered in ice and snow. State, county, and local governments incur large costs for snow removal, salting the roads, and repairing roads that freeze and crack.

Freezing rain can cause immense property damage. When freezing rain comes into contact with surfaces, it forms an ice layer that can quickly become too heavy for power lines, trees, buildings, and roadways. Downed trees and power lines may disrupt power and communication for homes, business, and critical facilities without backup power options. Freezing temperatures can also cause pipes to freeze and burst, which can be very costly to repair.

Traffic accident frequency increases during winter weather. Negative impacts due to an accident can be exacerbated by delayed medical care - from unsafe roads to health facilities and first responders being stretched thin during winter storm events. Extreme cold temperature events can lead to frostbite or hypothermia for residents. Windy conditions during a cold weather event lower the wind chill factor, further increasing risk to humans.

In a period from 1996 to 2022, Williamson County experienced 47 days affected by severe winter weather. These affected days are characterized by extreme cold (3 days), heavy snow (10 days), ice storm (5 days) and winter storm (29 days). These severe winter weather events resulted in $1,160,000 in property damage in Williamson County.

### Risk of Occurrence
Low: 1% to 20% probability of occurrence in the next 24 months

### Planning Confidence Level
Confidence Level 1: Some plans/annexes are in development

### Organization Confidence Level
Confidence Level 3: 40-60% of required organization/personnel exists

### Equipment Confidence Level
Confidence Level 3: 40-60% of required equipment exists

### Training Confidence Level
Confidence Level 4: 60-80% of required training exists

### Exercise Confidence Level
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

### Public Impact
Severe: 13% to 100% of the total population of the jurisdiction

### Responders Impact
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

### Continuity of Operations, including continued delivery of services Impact
Elevated: Plan with no exercises testing it with no detailed training

### Property, Facilities, and Infrastructure Impact
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

### Environment Impact
Low: No adverse impacts on the environment

### Economic Condition of the jurisdiction Impact
High: 61% to 80% of business affected

### Public Confidence in the jurisdiction's governance Impact
Low: Public accepts the management of the governments response

| **Flood** | **Threat Assessment:** | | **Risk:** | **Vulnerability:** |
|---|---|---|---|---|
| | **ELEVATED**<br>(41-60%) | | 20% | 68% |

### Context Description

The most recent update to Williamson County Multi-Hazard Mitigation plan identified Flooding as one of the top ten hazards identified for this jurisdiction with an average risk index of 6.76, included on 42 of 52 partner lists with an overall percentage importance of 0.81 and a weighted rank of 5.46.

Flooding in southern Illinois is a significant and recurring hazard. This is a result of lying between the two largest rivers in the U.S. (when ranked by discharge), the Mississippi and Ohio; as well as climactic and seasonal factors. Characteristics of floods are uniquely influenced by precipitation intensity, infiltration rates, hydrogeologic features of a watershed, and interactions with the built environment.

Extreme precipitation is expected to increase with the warming climate, which in turn increases the frequency and intensity of floods. Springtime precipitation is expected to increase in southern Illinois by 10-15% by 2050, with Illinois already experiencing dramatic increases in extreme precipitation events over the past two decades.

There have been 24 recorded floods and 36 flash floods in Williamson County in the NOAA Storm events database from 1996-2022. Flood events in Williamson County have resulted in $520,000 in damages and 1 death. Flash flood events in Williamson County has caused $1,786,000 in property damage.

### Risk of Occurrence
Low: 1% to 20% probability of occurrence in the next 24 months

### Planning Confidence Level
Confidence Level 3: Plans/annexes are complete but require update

### Organization Confidence Level
Confidence Level 3: 40-60% of required organization/personnel exists

### Equipment Confidence Level
Confidence Level 3: 40-60% of required equipment exists

### Training Confidence Level
Confidence Level 3: 40-60% of required training exists

### Exercise Confidence Level
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

### Public Impact
Low: 1% to 2% of the total population of the jurisdiction

### Responders Impact
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

### Continuity of Operations, including continued delivery of services Impact
Low: Valid Plan and evaluated exercises and standard detailed training

### Property, Facilities, and Infrastructure Impact
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

### Environment Impact
Guarded: Some detectable environmental impact but within acceptable tolerances

### Economic Condition of the jurisdiction Impact
Low: 1% to 20% of business affected

### Public Confidence in the jurisdiction's governance Impact
Low: Public accepts the management of the governments response

| Mine Accident | Threat Assessment: | Risk: | Vulnerability: |
|---|---|---|---|
| | **ELEVATED**<br>(41-60%) | 20% | 64% |

### Context Description

The most recent update to Williamson County Multi-Hazard Mitigation plan identified ground failure (mine subsidence) as one of the top ten hazards identified for this jurisdiction with an average risk index of 6.32, included on 37 of 52 partner lists with an overall percentage importance of 0.71 and a weighted rank of 4.50.

Ground failure may refer to any consequence of shaking that affects the stability of the ground39. In southern Illinois this is usually caused by subsidence of the land due to sinkholes from karst features or underground mines.

Mining has been a part of Illinois's economy since the state was settled. Mined resources include lead, zinc, fluorites, shale, clay, stone, limestone, dolomite, and coal. Commercial coal mining began around 1810, and since then over 7,400 coal mines have been operated in the state. Much of Illinois contains coal-bearing rock strata. Many towns and residences are built on top of or adjacent to underground mines. Therefore, there is always a risk of land subsidence on such properties.

Williamson County has experienced nine instances of ground failure since 1979.

### Risk of Occurrence
Low: 1% to 20% probability of occurrence in the next 24 months

### Planning Confidence Level
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

### Organization Confidence Level
Confidence Level 1: 0-20% of required organization/personnel exists

### Equipment Confidence Level
Confidence Level 4: 60-80% of required equipment exists

### Training Confidence Level
Confidence Level 4: 60-80% of required training exists

### Exercise Confidence Level
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

### Public Impact
Low: 1% to 2% of the total population of the jurisdiction

### Responders Impact
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

### Continuity of Operations, including continued delivery of services Impact
Low: Valid Plan and evaluated exercises and standard detailed training

### Property, Facilities, and Infrastructure Impact
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

### Environment Impact
Guarded: Some detectable environmental impact but within acceptable tolerances

### Economic Condition of the jurisdiction Impact
Low: 1% to 20% of business affected

### Public Confidence in the jurisdiction's governance Impact
Low: Public accepts the management of the governments response

| Hazardous Materials Release | Threat Assessment: | Risk: | Vulnerability: |
|---|---|---|---|
| | **HIGH** **(61-80%)** | 60% | 84% |

**Context Description**

The most recent update to Williamson County Multi-Hazard Mitigation plan identified hazardous materials release as one of the top ten hazards identified for this jurisdiction with an average risk index of 5.21, included on 41 of 52 partner lists with an overall percentage importance of 0.79 and a weighted rank of 4.11.

The most recent IEMA public report on hazardous materials spills includes incidents from 1987-2011. During these years there were 299 reported incidents for Williamson County, with the vast majority being spills of gasoline, diesel fuel, or crude oil.

Transportation routes with the highest risk of hazardous materials release include Interstate 57 and all active railroads.

Other areas of high risk include factories and warehouses that use or store hazardous chemicals, hospitals and colleges that may store large amounts of cleaning supplies and other hazardous chemicals, and farms that store large amounts of fertilizer, herbicides, or pesticides.

There are currently four Hazardous Materials Storage Sites for Williamson County.

**Risk of Occurrence**
Elevated: 41% to 60% probability of occurrence in the next 24 months

**Planning Confidence Level**
Confidence Level 2: Some plans/annexes exist

**Organization Confidence Level**
Confidence Level 2: 20-40% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 2: 20-40% of required equipment exists

**Training Confidence Level**
Confidence Level 2: 20-40% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Public Impact**
Guarded: 3% to 5% of the total population of the jurisdiction

**Responders Impact**
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

**Continuity of Operations, including continued delivery of services Impact**
Low: Valid Plan and evaluated exercises and standard detailed training

**Property, Facilities, and Infrastructure Impact**
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

**Environment Impact**
Severe: A significant environmental impact, such as a major spill or contamination that has long-term effects despite best efforts to remediate

**Economic Condition of the jurisdiction Impact**
Elevated: 41% to 60% of business affected

**Public Confidence in the jurisdiction's governance Impact**
Low: Public accepts the management of the governments response

| Active Shooter Incident | Threat Assessment:<br>**GUARDED**<br>(21-40%) | Risk:<br>20% | Vulnerability:<br>60% |
| --- | --- | --- | --- |

### Context Description

The most recent update to Williamson County Multi-Hazard Mitigation plan identified domestic terrorism (active shooter incident) as one of the top ten hazards identified for this jurisdiction with an average risk index of 6.04, included on 25 of 52 partner lists with an overall percentage importance of 0.48 and a weighted rank of 2.90.

ITTF, IEMA, and County EMA Officials are in charge of monitoring terrorism risk in Illinois. Mass shootings could occur anywhere at any time; and have happened in a variety of places across the United States, including schools, grocery stores, churches, and many other locations.

### Risk of Occurrence
Low: 1% to 20% probability of occurrence in the next 24 months

### Planning Confidence Level
Confidence Level 1: Some plans/annexes are in development

### Organization Confidence Level
Confidence Level 4: 60-80% of required organization/personnel exists

### Equipment Confidence Level
Confidence Level 4: 60-80% of required equipment exists

### Training Confidence Level
Confidence Level 4: 60-80% of required training exists

### Exercise Confidence Level
Confidence Level 2: Exercises/real-world demonstration have occurred; many mission critical findings exist

### Public Impact
Low: 1% to 2% of the total population of the jurisdiction

### Responders Impact
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

### Continuity of Operations, including continued delivery of services Impact
Elevated: Plan with no exercises testing it with no detailed training

### Property, Facilities, and Infrastructure Impact
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

### Environment Impact
Low: No adverse impacts on the environment

### Economic Condition of the jurisdiction Impact
Low: 1% to 20% of business affected

### Public Confidence in the jurisdiction's governance Impact
Low: Public accepts the management of the governments response

| Cyber-Attack Data | Threat Assessment: | | Risk: | Vulnerability: |
|---|---|---|---|---|
| | **ELEVATED** (41-60%) | | 20% | 84% |

**Context Description**

The most recent update to Williamson County Multi-Hazard Mitigation plan identified domestic terrorism (cyber-attack data) as one of the top ten hazards identified for this jurisdiction with an average risk index of 6.04, included on 25 of 52 partner lists with an overall percentage importance of 0.48 and a weighted rank of 2.90.

Cyberattacks are a continuous national threat. They can occur at any time to individuals, businesses, and government agencies. Cases of identity theft more than doubled from 2019-2020, with a 2,920% increase in cases of victim information being used to apply for government benefit programs55. According to the EMSIsoft State of Ransomware in the U.S. report, in 2020 there were ransomware attacks on 113 federal, state, and municipal governments, 560 healthcare facilities, and 1,681 schools, colleges, and universities. The report states that these figures are likely understatements. They also state that the data come from multiple sources, although these sources are not listed.

Cyberattacks can be difficult to predict and may be targeted at individuals, businesses, or government offices. Systems that do implement cybersecurity protocols, or have outdated, weaker protection are more at risk.

**Risk of Occurrence**
Low: 1% to 20% probability of occurrence in the next 24 months

**Planning Confidence Level**
Confidence Level 1: Some plans/annexes are in development

**Organization Confidence Level**
Confidence Level 3: 40-60% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 1: 0-20% of required equipment exists

**Training Confidence Level**
Confidence Level 3: 40-60% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Public Impact**
Low: 1% to 2% of the total population of the jurisdiction

**Responders Impact**
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

**Continuity of Operations, including continued delivery of services Impact**
Elevated: Plan with no exercises testing it with no detailed training

**Property, Facilities, and Infrastructure Impact**
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

**Environment Impact**
Low: No adverse impacts on the environment

**Economic Condition of the jurisdiction Impact**
Low: 1% to 20% of business affected

**Public Confidence in the jurisdiction's governance Impact**
Low: Public accepts the management of the governments response

| Dam Failure | Threat Assessment: | Risk: | Vulnerability: |
|---|---|---|---|
| | **ELEVATED** (41-60%) | 20% | 68% |

## Context Description

The most recent update to Williamson County Multi-Hazard Mitigation plan identified dam failure as one of the top ten hazards identified for this jurisdiction with an average risk index of 5.78, included on 18 of 52 partner lists with an overall percentage importance of 0.25 and a weighted rank of 1.19.

The Association of Dam Safety Officials (ASDSO) and the National Performance of Dams Program (NPDP) both maintain databases that hold records of dam incidents and failures. There are currently two recorded dam incidents for Williamson County:

1935: Inflow flood at Herrin Reservoir 2 dam
1981: Piping incident at Johnston City Lake dam

In a scenario of a maximum high pool dam breach at Rend Lake, an estimated 1,603 (daytime) to 2,982 (nighttime) people would be at risk, 1,119 buildings are at risk, and total damages could exceed $97 million.

## Risk of Occurrence
Low: 1% to 20% probability of occurrence in the next 24 months

## Planning Confidence Level
Confidence Level 2: Some plans/annexes exist

## Organization Confidence Level
Confidence Level 4: 60-80% of required organization/personnel exists

## Equipment Confidence Level
Confidence Level 3: 40-60% of required equipment exists

## Training Confidence Level
Confidence Level 3: 40-60% of required training exists

## Exercise Confidence Level
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

## Public Impact
Guarded: 3% to 5% of the total population of the jurisdiction

## Responders Impact
Low: 1% to 2% of responders are unable to respond to the Threat/Hazard

## Continuity of Operations, including continued delivery of services Impact
Elevated: Plan with no exercises testing it with no detailed training

## Property, Facilities, and Infrastructure Impact
Low: 1% to 20% of government property, facilities, and infrastructure affected by Threat/Hazard

## Environment Impact
Guarded: Some detectable environmental impact but within acceptable tolerances

## Economic Condition of the jurisdiction Impact
Low: 1% to 20% of business affected

## Public Confidence in the jurisdiction's governance Impact
Low: Public accepts the management of the governments response

| Inventory or Demographic | Response |
|---|---|
| Based on all-hazards planning considerations, how many individuals with access and functional needs will require assistance? [CC: Critical Transportation, Logistics and Supply Chain Management, Housing] | 130 |
| How often, in years, are EOP's, including COOP and long term recovery plans reviewed and updated? [CC: Planning] | 4 |
| How many businesses does the jurisdiction's long term recovery committee coordinate with? [CC: Economic Recovery] | 0 |
| How many community partners are engaged in identifying and assessing threats and hazards within the jurisdiction? [CC: Threats and Hazard Identification] | 10 |
| How many days can a unified and coordinated operational structure be maintained? (#) (days) [CC: Operational Coordination] | 3 |
| How many days can the jurisdiction maintain life-sustaining supply distribution operations? [CC: Logistics and Supply Chain Management] | 3 |
| How many days can the jurisdiction maintain operational communications? [CC: Operational Communications] | 3 |
| How many days can the situational assessment process be maintained? [CC: Situational Assessment] | 3 |
| How many facilities have been identified to serve as shelters? [CC: Mass Care Services] | 26 |
| How many hours would the jurisdiction need to assess housing impacts and needs? [CC: Housing] | 72 |
| How many hours would the jurisdiction need to implement identified long-term housing solutions? [CC: Housing] | 360 |
| How many hours would the jurisdiction need to implement identified temporary/alternate housing solutions? [CC: Housing] | 72 |
| How many individuals are assigned to support the intelligence cycle? [CC: Intelligence and Information Sharing] | 2 |
| How many individuals can the jurisdiction support alternate housing operations for as a result of a public health emergency? [CC: Public Health, Healthcare and EMS, Housing] | 0 |
| How many individuals can the jurisdiction support long-term housing solutions for? [CC: Housing] | 0 |
| How many individuals can the jurisdiction support sheltering operations for? [CC: Logistics and Supply Chain Management] | 200 |
| How many individuals can the jurisdiction support temporary housing solutions for? [CC: Housing] | 0 |
| How many individuals does the jurisdiction have the capacity to evacuate? [CC: Critical Transportation] | 500 |
| How many individuals with access and functional needs can the jurisdiction deliver reliable and actionable information? [CC: Public Information and Warning] | 13374 |
| How many individuals with limited English proficiency can the jurisdiction deliver reliable and actionable information? [CC: Public Information and Warning] | 600 |
| How many memorandums of understanding exist for mass care services? [CC: Mass Care Services] | 1 |
| How many memorandums of understanding with mass search and rescue entities does the jurisdiction have signed? [CC: Mass Search and Rescue Operations] | 0 |
| How many partner organizations are assigned roles or responsibilities within the jurisdiction EOP? [CC: Planning, Operational Coordination, Operational Communications, Situational Assessment] | 0 |
| How many partner organizations involved in evacuation coordination? [CC: Critical Transportation, Mass Care Services] | 5 |
| How many partner organizations involved in mass care services coordination? [CC: Infrastructure Systems, Mass Care Services] | 1 |
| How many plausible threats and hazards has the jurisidiction identified and assessed? [CC: Threats and Hazard Identification] | 11 |
| How many public, private and non-profit partners are engaged and serving on the long-term recovery committee? [CC: Economic Recovery] | 0 |
| How many publicly managed and/or regulated critical infrastructure facilities does the jurisdiction coordinate with? [CC: Cybersecurity] | 0 |
| How many stakeholders/entities receive priority intelligence? [CC: Intelligence and Information Sharing] | 6 |
| How many times per year are mass search and rescue operations plans reviewed and updated? [CC: Mass Search and Rescue Operations] | 0 |
| How many times per year does the appropriate authorities and personnel review and update cyber incident plans? [CC: Cybersecurity] | 0 |
| How many times per year does the jurisdiction conduct disaster preparedness outreach events or activities? [CC: Community Resilience] | 5 |
| How many times per year does the jurisdiction review and update mass care plans? [CC: Mass Care Services] | 0 |
| How many times, per year, are threat and hazard assessments reviewed and updated? [CC: Threats and Hazard Identification] | 2 |
| How many trained mass search and rescue agencies are within the jurisdiction? [CC: Mass Search and Rescue Operations] | 0 |
| How many utilities that supply communication services does the jurisdiction coordinate with? [CC: Infrastructure Systems] | 4 |
| How many utilities that supply power services does the jurisdiction coordinate with? [CC: Infrastructure Systems? | 2 |
| How many utilities that supply wastewater service does the jurisdiction coordinate with? [CC: Infrastructure Systems] | 17 |
| How many utilities that supply water service does the jurisdiction coordinate with? [CC: Infrastructure Systems] | 22 |
| How much time after an incident, in hours, to complete disaster impact assessment? [CC: Economic Recovery] | 72 |
| How much time after an incident, in minutes, to provide the current and projected situation assessment to leadership and partner organizations? (#) (minutes) [CC: Situation Assessment] | 60 |
| How much time within notice of an incident, in hours, is necessary to complete the evacuation of the affected area including individuals with access and functional needs and limited English proficiency? [CC: Critical Transportation, Mass Care Services] | 24 |

| Inventory or Demographic | Response |
| --- | --- |
| How much time within notice of an incident, in hours, is necessary to complete the evacuation of the affected area? [CC: Critical Transportation] | 12 |
| How much time within notice of an incident, in hours, is necessary to complete triage and begin definitive medical treatment? [CC: Public Health, Healthcare and Emergency Medical Services] | 1 |
| How much time, in hours, is needed to process information into intelligence? [CC: Intelligence and Information Sharing] | 1 |
| How much time, in hours, is required to establish interoperable communications? [CC: Operational Communications] | 1 |
| How much time, in hours, is required to identify and mobilize life-sustaining commodities, resources, and services? [CC: Logistics and Supply Chain Management] | 24 |
| How much time, in hours, to establish and maintain a unified and coordinated operational structure? (#) (hours) [CC: Operational Coordination] | 2 |
| How much time, in hours, will it take the jurisdiction to complete initial debris removal to access affected areas? [CC: Infrastrucutre Systems, Critical Transportation] | 24 |
| How much time, in minutes, within notice of an incident can the jurisdiction deliver reliable and actionable information to affected populations? [CC: Public Information and Warning] | 60 |
| How often can the jurisdiction provide situation reports to leadership and partner organizations? [CC: Situational Assessment] | 2 |
| The jurisdiction has the capacity to provide medical care to how many individuals? [CC: Public Health, Healthcare and Emergency Medical Services] | 25 |
| What is the local capacity for temporary storage of human remains? [CC: Fatality Management] | 12 |

| | LOW (More than 4.5) 4 | GUARDED (4.4 - 3.5) 4 | ELEVATED (3.4 - 2.5) 8 | HIGH (2.4 - 1.5) 0 | SEVERE (Less than 1.4) 2 |
|---|---|---|---|---|---|

| Core Capability | Threat or Hazard | Score | Capability Rating |
|---|---|---|---|
| Planning | Earthquake | 3.4 | PERFORM WITH MAJOR CHALLENGES |
| Public Information and Warning | Earthquake | 4 | PERFORM WITH SOME CHALLENGES |
| Operational Coordination | Hazardous Materials Release | 2.6 | PERFORM WITH MAJOR CHALLENGES |
| Intelligence and Information Sharing | Utility Disruption | 4.6 | PERFORM WITHOUT CHALLENGES |
| Cyber Security | Cyber-Attack Data | 1 | UNABLE TO PERFORM |
| Infrastructure Systems | Earthquake | 3.2 | PERFORM WITH MAJOR CHALLENGES |
| Critical Transportation | Transportation Accident | 4 | PERFORM WITH SOME CHALLENGES |
| Fatality Management | Earthquake | 4 | PERFORM WITH SOME CHALLENGES |
| Community Resilience | Earthquake | 5 | PERFORM WITHOUT CHALLENGES |
| Threats and Hazard Identification | Hazardous Materials Release | 4.8 | PERFORM WITHOUT CHALLENGES |
| Operational Communications | Active Shooter Incident | 3.8 | PERFORM WITH SOME CHALLENGES |
| Logistics and Supply Chain Management | Epidemic | 5 | PERFORM WITHOUT CHALLENGES |
| Mass Care Services | Tornado | 2.8 | PERFORM WITH MAJOR CHALLENGES |
| Mass Search and Rescue Operations | Earthquake | 1 | UNABLE TO PERFORM |
| Public Health, Healthcare, and Emergency Medical Services | Earthquake | 2.8 | PERFORM WITH MAJOR CHALLENGES |
| Situational Assessment | Earthquake | 3.4 | PERFORM WITH MAJOR CHALLENGES |
| Economic Recovery | Earthquake | 2.8 | PERFORM WITH MAJOR CHALLENGES |
| Housing | Earthquake | 2.8 | PERFORM WITH MAJOR CHALLENGES |

| Core Capability | Threat or Hazard | Score | Capability Rating |
|---|---|---|---|
| Planning | Earthquake | | PERFORM WITH MAJOR CHALLENGES |
| Public Information and Warning | Earthquake | | PERFORM WITH SOME CHALLENGES |
| Operational Coordination | Hazardous Materials Release | | PERFORM WITH MAJOR CHALLENGES |
| Intelligence and Information Sharing | Utility Disruption | | PERFORM WITHOUT CHALLENGES |
| Cyber Security | Cyber-Attack Data | | UNABLE TO PERFORM |

**Housing**

**Capability Score:**

2.8

**Capability Rating:**

<span style="background-color:yellow">**ELEVATED**
Perform with Major Challenges</span>

**Threat or Hazard**
Earthquake

**Description**
Implement housing solutions that effectively support the needs of the whole community and contribute to its sustainability and resilience.

**Mission Areas**
Recovery

**Capability Target**
Within 24 hours, assess housing impacts and needs for the jurisdiction. Within 72 hours of an incident, find and secure temporary housing solutions for 200 individuals requiring temporary housing solutions to include 30 individuals with access and functional needs. Within 360 hours of an incident, find and secure long-term housing for 100 individuals requiring long-term housing solutions to include 130 individuals with access and functional needs. Provide alternate housing to 100 individuals requiring quarantine and isolation due to a public health emergency.

**Capability Assessment**
Within 72 hours, assess housing impacts and needs for the jurisdiction. Within 72 hours of an incident, find and secure temporary housing solutions for 0 individuals requiring temporary housing solutions to include 130 individuals with access and functional needs. Within 360 hours of an incident, find and secure long-term housing for 0 individuals requiring long-term housing solutions to include 130 individuals with access and functional needs. Provide alternate housing to 0 individuals requiring quarantine and isolation due to a public health emergency.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to assess housing impacts and needs within how many hours of an incident? | 24 | 72 | 48 | Addressing Gap | Low (24-48 Months) |
| The target goal of the jurisdiction is to implement temporary/alternate housing solutions within how many hours of the incident? | 72 | 72 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to have the capacity for how many individuals requiring temporary/alternate housing solutions? | 200 | 0 | 200 | Addressing Gap | Low (24-48 Months) |
| The target goal of the jurisdiction is to have the capacity for how many individuals with access and function needs requiring temporary housing solutions? | 30 | 130 | 100 | Addressing Gap | Low (24-48 Months) |
| The target goal of the jurisdiction is to implement long-term housing solutions within how many hours of the incident? | 360 | 360 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to have the capacity for how many individuals with access and function needs requiring long-term housing solutions? | 130 | 130 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to have the capacity for how many individuals requiring alternate housing as a result of a public health emergency? | 100 | 0 | 100 | Addressing Gap | Low (24-48 Months) |
| The target goal of the jurisdiction is to have the capacity for how many individuals requiring long-term housing solutions? | 100 | 0 | 100 | Addressing Gap | Low (24-48 Months) |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 3: 40-60% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 3: 40-60% of required equipment exists

**Training Confidence Level**
Confidence Level 3: 40-60% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Planning**

**Planning Level Description**

**Organization**
Yes

**Organization Level Description**
WCEMA will need additional personnel to assess housing impacts and needs for the jurisdiction within 24 hours. The American Red Cross will need additional personnel to find and secure temporary housing solutions for 300 individuals requiring temporary housing solutions to include 30 individuals with access and functional needs within 72 hours of an incident. The American Red Cross will need additional personnel to find and secure long-term housing for 100 individuals requiring long-term housing solutions to include 10 individuals with access and functional needs within 24 hours of an incident. WCEMA will require assistance from IDPH to provide alternate housing to 100 individuals requiring quarantine and isolation due to a public health emergency.

**Equipment**
Yes

**Equipment Level Description**
The American Red Cross will provide the required equipment to provide temporary housing for displaced residents in the event of a catastrophic earthquake. Long term housing assistance will require assistance from IEMA/FEMA.

**Training**
Yes

**Training Level Description**
WCEMA will need to coordinate with the American Red Cross to adequately provide assessment of housing impacts and needs for the jurisdiction. Once the training is complete on how to accurately identify the housing impact due to a disaster, WCEA and the American Red Cross will need to training on providing short-term housing provisions. Training needs to be conducted to identify the resources needed from state and federal agencies to provide long-term housing solutions in the event of a disaster.

**Exercise**
Yes

**Exercise Level Description**
An exercise would need to be conducted to assess the effectiveness of the EOP.

**Economic Recovery**

**Capability Score:**

2.8

**Capability Rating:**

**ELEVATED**
**Perform with Major Challenges**

**Threat or Hazard**
Earthquake

**Description**
Return economic and business activities (including food and agriculture) to a healthy state, and develop new business and employment opportunities that result in an economically viable community.

**Mission Areas**
Recovery

**Capability Target**
Facilitate the restoration of economic activities by completing a disaster impact assessment within 72 hours of an incident. The jurisdictions long-term recovery committee coordinates recovery with 10 businesses affected by the incident. The jurisdictions long-term recovery committee consists of 5 public, private and non-profit members.

**Capability Assessment**
Facilitate the restoration of economic activities by completing a disaster impact assessment within 72 hours of an incident. The jurisdictions long-term recovery committee coordinates recovery with 0 businesses affected by the incident. The jurisdictions long-term recovery committee consists of 0 public, private and non-profit members.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to complete a disaster impact assessment within how many hours of an incident? | 72 | 72 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to coordinate with how many businesses within the jurisdiction? | 10 | 0 | 10 | Addressing Gap | Low (24-48 Months) |
| The target goal of the jurisdiction is to engage how many public, private and non-profit partners to serve on the long-term recovery committee? | 5 | 0 | 5 | Addressing Gap | Low (24-48 Months) |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 3: 40-60% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 3: 40-60% of required equipment exists

**Training Confidence Level**
Confidence Level 3: 40-60% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Planning**

**Planning Level Description**

**Organization**
Yes

**Organization Level Description**
Limited personnel exist to assist in completing a disaster impact assessment within 72 hours of an incident. To the best of my knowledge, a long-term recovery committee tasked with coordinating recovery with 10 businesses affected by the incident does not exist.

**Equipment**
Yes

**Equipment Level Description**
The equipment needed to facilitate the restoration of economic activities by completing a disaster impact assessment within 72 hours of an incident is lacking. Immediate assistance will be required to assist with completing a disaster impact assessment in the event of a catastrophic earthquake.

**Training**
Yes

**Training Level Description**
Training related to the facilitation of the restoration of economic activities in completing a disaster impact assessment within 72 hours of an incident is needed.

**Exercise**
Yes

**Exercise Level Description**
Once training related to the facilitation of the restoration of economic activities in completing a disaster impact assessment within 72 hours of an incident is complete, training will be need to assess its effectiveness.

**Public Health, Healthcare, and Emergency Medical Services**

**Capability Score:**

2.8

**Capability Rating:**

**ELEVATED**
**Perform with Major Challenges**

**Threat or Hazard**
Earthquake

**Description**
Provide lifesaving medical treatment via Emergency Medical Services and related operations and avoid additional disease and injury by providing targeted public health, medical, and behavioral health support and products to all affected populations.

**Mission Areas**
Response

**Capability Target**
Within 1 hours of notice of an incident, complete triage, begin definitive medical treatment, and transfer to an appropriate facility, for 25 individuals requiring medical care. Provide quarantine and isolation services for 100 individuals.

**Capability Assessment**
Within 1 hours of notice of an incident, complete triage, begin definitive medical treatment, and transfer to an appropriate facility, for 25 individuals requiring medical care. Provide quarantine and isolation services for 0 individuals.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to provide quarantine and isolation services for how many individuals? | 100 | 0 | 100 | Addressing Gap | Low (24-48 Months) |
| The target goal of the jurisdiction is to complete triage and begin definitive medical care within how many hours of notice of an incident? | 1 | 1 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to have the capacity to provide medical care for how many individuals? | 25 | 25 | 0 | Sustain Capability | |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 5: 80-100% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 2: 20-40% of required equipment exists

**Training Confidence Level**
Confidence Level 2: 20-40% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

| | |
|---|---|
| **Planning** | **Planning Level Description** |
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| Yes | The physical location to quarantine individuals has not been established. |
| **Training** | **Training Level Description** |
| Yes | Once the physical location has been determined to quarantine individuals, training will consist of applying activation procedures and protective measures to address the cause of quarantine. |
| **Exercise** | **Exercise Level Description** |
| Yes | An exercise is needed to test this capability once the location and procedures are established. |

**Operational Communications**

Capability Score:

3.8

Capability Rating:

**GUARDED**
**Perform with Some Challenges**

**Threat or Hazard**
Active Shooter Incident

**Description**
Ensure the capacity for timely communications in support of security, situational awareness, and operations, by any and all means available, among and between affected communities in the impact area and all response forces.

**Mission Areas**
Response

**Capability Target**
Within 1 hours of an incident, establish interoperable communications across 4 partner organizations involved in incident management. Maintain for 3 days.

**Capability Assessment**
Within 1 hours of an incident, establish interoperable communications across 0 partner organizations involved in incident management. Maintain for 3 days.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to establish interoperable communications within how many hours notice of an incident? | 1 | 1 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to coordinate interoperable communications with how many partner organizations? | 4 | 0 | 4 | Addressing Gap | Medium (12-24 Months) |
| The target goal of the jurisdiction is to sustain operational communications for how many days? | 3 | 3 | 0 | Sustain Capability | |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 4: 60-80% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 4: 60-80% of required equipment exists

**Training Confidence Level**
Confidence Level 4: 60-80% of required training exists

**Exercise Confidence Level**
Confidence Level 3: Exercises/real-world demonstration have occurred; few mission critical findings exist

| | |
|---|---|
| **Planning** | **Planning Level Description** |
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| **Training** | **Training Level Description** |
| **Exercise** | **Exercise Level Description** |
| Yes | WCEMA participated with the City of Marion EMA in an active shooter drill involving, Marion PD, Marion Fire, ISP Rapid Response Team and United EMS. The drill noted deficits in the formation of a Unified Command structure and interoperable communication. |

**Situational Assessment**

**Capability Score:**

3.4

**Capability Rating:**

<span style="background-color: yellow">**ELEVATED**
Perform with Major Challenges</span>

**Threat or Hazard**
Earthquake

**Description**
Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response.

**Mission Areas**
Response

**Capability Target**
Within 60 minutes of an incident, and on a 2 hour(s) cycle thereafter, provide current and projected situation assessments to leadership and 4 partner organizations involved in incident management. Maintain for 3 days.

**Capability Assessment**
Within 60 minutes of an incident, and on a 2 hour(s) cycle thereafter, provide current and projected situation assessments to leadership and 0 partner organizations involved in incident management. Maintain for 3 days.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to provide the current and projected situation asessment to leadership and partner orgaizations within how many minutes? | 60 | 60 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to provide updated situation reports to leadership and partner organizations every how many hours after the initial? | 2 | 2 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to provide situation reports to how many partner organizations identified within the jurisdiction EOP? | 4 | 0 | 4 | Addressing Gap | |
| The target goal of the jurisdiction is to maintain the situation assessment process for how many days? | 3 | 3 | 0 | Sustain Capability | |

**Planning Confidence Level**
Confidence Level 5: Plans/annexes are complete, up to date, and verified through either exercises or real world events

**Organization Confidence Level**
Confidence Level 3: 40-60% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 3: 40-60% of required equipment exists

**Training Confidence Level**
Confidence Level 5: 80-100% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Planning**

**Organization**
Yes

**Equipment**
Yes

**Training**

**Exercise**
Yes

**Planning Level Description**

**Organization Level Description**
In the event of a catastrophic earthquake, it is expected that there will be significant infrastructure damage resulting in difficulties for first responders to respond to the incident. Immediate notification to mutual aid partners will be required to bring in the necessary personnel to respond to calls for service. A request will be made to IEMA for additional manpower to address the shortfalls.

**Equipment Level Description**
Assuming that the earthquake did not damage any of the equipment housed in Williamson County, current inventory levels are not significant to address the needs caused by a catastrophic earthquake. Additional resources will be requested through IEMA to address the needs of the local first responders.

**Training Level Description**

**Exercise Level Description**
An earthquake specific drill has not been conducted within the last five years. In addition to a response based drill, a recovery focused drill will estimate the local resource capabilities to respond to a catastrophic earthquake.

**Mass Search and Rescue Operations**

**Capability Score:**

1

**Capability Rating:**

| SEVERE |
| :---: |
| Unable to Perform |

**Threat or Hazard**
Earthquake

**Description**
Deliver traditional and atypical search and rescue capabilities, including personnel, services, animals, and assets to survivors in need, with the goal of saving the greatest number of endangered lives in the shortest time possible.

**Mission Areas**
Response

**Capability Target**
Review and update the Mass Search and Rescue Operations plans 1 times per year and 1 trained/dedicated entities to conduct and support Mass Search and Rescue Operations. Maintain memorandums of understanding with 1 mass search and rescue entities.

**Capability Assessment**
Review and update the Mass Search and Rescue Operations plans 0 times per year and 0 trained/dedicated entities to conduct and support Mass Search and Rescue Operations. Maintain memorandums of understanding with 0 mass search and rescue entities.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
| :--- | :---: | :---: | :---: | :--- | :--- |
| The target goal of the jurisdiction is to review and update mass search and rescue plans how many times per year? | 1 | 0 | 0 | Sustain Capability | Low (24-48 Months) |
| The target goal of the jurisdiction is to have how many trained mass search and rescue agencies within the jurisdiction? | 1 | 0 | 0 | Sustain Capability | Low (24-48 Months) |
| The target goal of the jurisdiction is to have memorandums of understanding with how many mass search and rescue entities? | 1 | 0 | 0 | Sustain Capability | Low (24-48 Months) |

**Planning Confidence Level**
Confidence Level 1: Some plans/annexes are in development

**Organization Confidence Level**
Confidence Level 1: 0-20% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 1: 0-20% of required equipment exists

**Training Confidence Level**
Confidence Level 1: 0-20% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Planning**
Yes

**Planning Level Description**
The Williamson County Emergency Management Agency will seek opportunities to engage the CERT Program train the trainer and establish a CERT Team.

**Organization**
Yes

**Organization Level Description**
The Williamson County Emergency Management Agency will seek opportunities to engage the CERT Program train the trainer and establish a CERT Team.

**Equipment**
Yes

**Equipment Level Description**
The Williamson County Emergency Management Agency currently does not possess the equipment necessary to outfit a CERT Team. Resources will be needed.

**Training**
Yes

**Training Level Description**
The Williamson County Emergency Management Agency will seek opportunities to engage the CERT Program train the trainer and establish a CERT Team.

**Exercise**
Yes

**Exercise Level Description**
No functional or full scale exercises have been conducted in the last five years.

**Mass Care Services**

Capability Score:

2.8

Capability Rating:

**ELEVATED**
**Perform with Major Challenges**

**Threat or Hazard**
Tornado

**Description**
Provide life-sustaining and human services to the affected population, to include hydration, feeding, sheltering, temporary housing, evacuee support, reunification, and distribution of emergency supplies.

**Mission Areas**
Response

**Capability Target**
Engage with 2 community partners to review the mass care services plan/annex and 2 memorandum of understandings involving mass care and wraparound services, 1 times per year.Jurisdiction has identified 26 facilities to serve as temporary shelters; 2 partners to coordinate mass care wraparound services and 5 of partners to coordinate evacuation within 24 hours of an incident for human, pets, and non pet animals.

**Capability Assessment**
Engage with 1 community partners to review the mass care services plan/annex and 1 memorandum of understandings involving mass care and wraparound services, 0 times per year.Jurisdiction has identified 26 facilities to serve as temporary shelters; 1 partners to coordinate mass care wraparound services and 5 of partners to coordinate evacuation within 24 hours of an incident for human, pets, and non pet animals.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to engage with how many partner organizations for mass care services coordination? | 2 | 1 | 0 | Sustain Capability | Low (24-48 Months) |
| The target goal of the jurisdiction is to have how many memorandums of understanding for mass care services? | 2 | 1 | 0 | Sustain Capability | Low (24-48 Months) |
| The target goal of the jurisdiction is to review and update mass care plans how many times per year? | 1 | 0 | 0 | Sustain Capability | Low (24-48 Months) |
| The target goal of the jurisdiction is to identify how many facilities to serve as shelters? | 26 | 26 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to complete evacuation of the affected area within how many hours including individuals with access and functional needs and limited English proficiency? | 24 | 24 | 0 | Addressing Gap | |
| The target goal of the jurisdiction is to coordinate evacuation with how many partner organizations? | 5 | 5 | 0 | Sustain Capability | |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 3: 40-60% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 3: 40-60% of required equipment exists

**Training Confidence Level**
Confidence Level 3: 40-60% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Planning**

**Planning Level Description**

**Organization**
Yes

**Organization Level Description**
The American Red Cross is tasked with providing Mass Care Sheltering and Feeding in the event of a disaster. Additional personnel will be required to establish mass care operations in the event of a disaster. representatives from the American Red Cross report that volunteerism is down in the region.

**Equipment**
Yes

**Equipment Level Description**
Pre-staging of the equipment exists in the region, however, additional equipment will need to be moved into the region to support the needs of the residents in the event of a disaster.

**Training**
Yes

**Training Level Description**
Training with representatives from the American Red Cross will need to be conducted to identify the activation procedure and define the collaboration required between both entities to establish and maintain mass care services for Williamson County residents in the event of a disaster.

**Exercise**
Yes

**Exercise Level Description**
An exercise would be needed to determine the effectiveness of the EOP.

**Logistics and Supply Chain Management**

**Capability Score:**

5

**Capability Rating:**

**LOW**
**Perform without Challenges**

**Threat or Hazard**
Epidemic

**Description**
Deliver essential commodities, equipment, and services of impacted communities and survivors, to include emergency power and fuel support, as well as the coordination of access to community staples. Synchronize logistics capabilities and enable the restoration of impacted supply chains.

**Mission Areas**
Response

**Capability Target**
Within 24 hours of an incident, identify and mobilize life-sustaining commodities, resources, and services for 200 individuals requiring mass care services to include 130 individuals with Access and Functional needs. Maintain distribution system for 7 days.

**Capability Assessment**
Within 24 hours of an incident, identify and mobilize life-sustaining commodities, resources, and services for 200 individuals requiring mass care services to include 130 individuals with Access and Functional needs. Maintain distribution system for 3 days.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to identify and mobilize life sustaining commodities, resources and services within how many hours of notice of an incident? | 24 | 24 | 0 | Addressing Gap | |
| The target goal of the jurisdiction is to have the capacity to provide sheltering operations for how many individuals with access and functional needs? | 130 | 130 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to have the capacity to provide sheltering operations for how many individuals? | 200 | 200 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to maintain the life-sustaining supply distribution for how many days? | 7 | 3 | 0 | Sustain Capability | Low (24-48 Months) |

**Planning Confidence Level**
Confidence Level 5: Plans/annexes are complete, up to date, and verified through either exercises or real world events

**Organization Confidence Level**
Confidence Level 5: 80-100% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 5: 80-100% of required equipment exists

**Training Confidence Level**
Confidence Level 5: 80-100% of required training exists

**Exercise Confidence Level**
Confidence Level 5: Exercises/real-world demonstration have occurred; no areas for improvement exist

| | |
|---|---|
| **Planning** | **Planning Level Description** |
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| **Training** | **Training Level Description** |
| **Exercise** | **Exercise Level Description** |

**Threats and Hazard Identification**

**Capability Score:**

4.8

**Capability Rating:**

LOW
Perform without Challenges

**Threat or Hazard**
Hazardous Materials Release

**Description**
Identify the threats and hazards that occur in the geographic area; determine the frequency and magnitude; and incorporate this into analysis and planning processes so as to clearly understand the needs of a community or entity.

**Mission Areas**
Mitigation

**Capability Target**
Meet with 10 community partners to identify and engage in planning efforts for the 11 worst-case, plausible threats and hazards, a minimum of 2 times per year.

**Capability Assessment**
Meet with 10 community partners to identify and engage in planning efforts for the 11 worst-case, plausible threats and hazards, a minimum of 2 times per year.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to engage how many community partners to identify and assess threats and hazards affecting the jurisdiction? | 10 | 10 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to identify and assess how many plausible threats and hazards? | 11 | 11 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to review and update the threat and hazard assessments how many times per year? | 2 | 2 | 0 | Sustain Capability | |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 5: 80-100% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 5: 80-100% of required equipment exists

**Training Confidence Level**
Confidence Level 5: 80-100% of required training exists

**Exercise Confidence Level**
Confidence Level 5: Exercises/real-world demonstration have occurred; no areas for improvement exist

| | |
|---|---|
| **Planning** | **Planning Level Description** |
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| **Training** | **Training Level Description** |
| **Exercise** | **Exercise Level Description** |

**Community Resilience**

**Capability Score:**
5
**Capability Rating:**

**LOW**
**Perform without Challenges**

**Threat or Hazard**
Earthquake

**Description**
Enable the recognition, understanding, communication of, and planning for risk, and empower individuals and communities to make informed risk management decisions necessary to adapt to, withstand, and quickly recover from future incidents.

**Mission Areas**
Mitigation

**Capability Target**
Conduct outreach events or activities to increase awareness of locally significant threats and hazards to help the residents be better prepared to prevent, protect against, mitigate, respond to, and recover from those events, 5 times per year.

**Capability Assessment**
Conduct outreach events or activities to increase awareness of locally significant threats and hazards to help the residents be better prepared to prevent, protect against, mitigate, respond to, and recover from those events, 5 times per year.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to conduct how many disaster preparedness outreach events or activities per year? | 5 | 5 | 0 | Sustain Capability | |

**Planning Confidence Level**
Confidence Level 5: Plans/annexes are complete, up to date, and verified through either exercises or real world events

**Organization Confidence Level**
Confidence Level 5: 80-100% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 5: 80-100% of required equipment exists

**Training Confidence Level**
Confidence Level 5: 80-100% of required training exists

**Exercise Confidence Level**
Confidence Level 5: Exercises/real-world demonstration have occurred; no areas for improvement exist

| | |
|---|---|
| **Planning** | **Planning Level Description** |
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| **Training** | **Training Level Description** |
| **Exercise** | **Exercise Level Description** |

**Fatality Management**

Capability Score:

4

Capability Rating:

**GUARDED**
Perform with Some Challenges

**Threat or Hazard**
Earthquake

**Description**
Provide fatality management services, including decedent remains recovery and victim identification, and work with local, state, tribal, territorial, insular area, and Federal authorities to provide mortuary processes, temporary storage or permanent internment solutions, sharing information with mass care services for the purpose of reunifying family members and caregivers with missing persons/remains, and providing counseling to the bereaved.

**Mission Areas**
Response

**Capability Target**
After an incident, complete the recovery, identification, and mortuary services, including temporary storage services, for 12 fatalities.

**Capability Assessment**
After an incident, complete the recovery, identification, and mortuary services, including temporary storage services, for 12 fatalities.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to have what local capacity for temporary storage of human remains? | 12 | 12 | 0 | Sustain Capability | |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 5: 80-100% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 5: 80-100% of required equipment exists

**Training Confidence Level**
Confidence Level 5: 80-100% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

| | |
|---|---|
| **Planning** | **Planning Level Description** |
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| **Training** | **Training Level Description** |
| **Exercise** | **Exercise Level Description** |
| Yes | An exercise needs to be conducted to verify access to morgue facilities and operational communication with the Corners Office. |

**Critical Transportation**

**Capability Score:**

4

**Capability Rating:**

**GUARDED**
**Perform with Some Challenges**

**Threat or Hazard**
Transportation Accident

**Description**
Provide transportation (including infrastructure access and accessible transportation services) for response priority objectives, including the evacuation of individuals and animals, and the delivery of vital response personnel, equipment, and services into the affected areas.

**Mission Areas**
Response

**Capability Target**
Within 12 hours notice of an incident, complete the evacuation of 500 individuals requiring evacuation, including 130 individuals with access and functional needs (requiring evacuation).Within 24 hours of an incident, clear affected evacuation routes, to enable access for 5 public, private, and non-profit emergency responders.

**Capability Assessment**
Within 12 hours notice of an incident, complete the evacuation of 500 individuals requiring evacuation, including 130 individuals with access and functional needs (requiring evacuation).Within 24 hours of an incident, clear affected evacuation routes, to enable access for 5 public, private, and non-profit emergency responders.

|  | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to complete evacuation of the affected area within how many hours? | 12 | 12 | 0 | Addressing Gap | |
| The target goal of the jurisdiction is to have the capacity to evacuate how many individuals with access and functional needs? | 130 | 130 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to complete the initial debris removal of the evacuation routes within how many hours? | 24 | 24 | 0 | Addressing Gap | |
| The target goal of the jurisdiction is to coordinate evacuation with how many partner organizations? | 5 | 5 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to have the capacity to evacuate how many individuals? | 500 | 500 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to coordinate evacuation with how many partner organizations? | 5 | 5 | 0 | Sustain Capability | |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 5: 80-100% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 5: 80-100% of required equipment exists

**Training Confidence Level**
Confidence Level 5: 80-100% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

| **Planning** | **Planning Level Description** |
|---|---|
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| **Training** | **Training Level Description** |
| **Exercise** | **Exercise Level Description** |
| Yes | A hazardous materials exercise is planned and will include mass evacuation of a portion of a populated area, a jail and government buildings. |

**Capability Score:**

3.2

**Capability Rating:**

**ELEVATED**
Perform with Major Challenges

**Threat or Hazard**
Earthquake

**Description**
Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community.

**Mission Areas**
Response, Recovery

**Capability Target**
Coordinate with 22 utilities to restore water service, coordinate with 17 utilities to restore wastewater service, coordinate with 4 utilities to restore communication services and coordinate with 2 utilities to restore power services. Complete initial debris removal to access damaged infrastructure systems within 24 hours.

**Capability Assessment**
Coordinate with 22 utilities to restore water service, coordinate with 17 utilities to restore wastewater service, coordinate with 4 utilities to restore communication services and coordinate with 2 utilities to restore power services. Complete initial debris removal to access damaged infrastructure systems within 24 hours.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to coordinate with how many utilities that supply water service? | 22 | 22 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to coordinate with how many utilities that supply wastewater service? | 17 | 17 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to coordinate with how many utilities that supply communications service? | 4 | 4 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is to coordinate with how many utilities that supply power service? | 2 | 2 | 0 | Sustain Capability | |
| The target goal of the jurisdiction is complete initial debris removal to access the affected area within how many hours? | 24 | 24 | 0 | Addressing Gap | |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 5: 80-100% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 5: 80-100% of required equipment exists

**Training Confidence Level**
Confidence Level 1: 0-20% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

| **Planning** | **Planning Level Description** |
|---|---|
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| **Training**<br>Yes | **Training Level Description**<br>The Williamson County currently has the capacity to reach all of the utilities who provide services to the residents in Williamson. Training would benefit the Williamson County EOC staff in facilitating those contacts and to validate the emergency contact names and numbers. |
| **Exercise**<br>Yes | **Exercise Level Description**<br>An earthquake exercise is needed. |

**Cyber Security**

**Capability Score:**
1
**Capability Rating:**

| SEVERE |
| :---: |
| Unable to Perform |

**Threat or Hazard**
Cyber-Attack Data

**Description**
Protect (and, if needed, restore) electronic communications systems, information, and services from damage, unauthorized use, and exploitation.

**Mission Areas**
Protection

**Capability Target**
The jurisdiction is to review and update cyber incident plans/annexes based on evolving threats 1 times per year, covering 1 publicly managed and/or regulated critical infrastructure facilities.

**Capability Assessment**
The jurisdiction is to review and update cyber incident plans/annexes based on evolving threats 0 times per year, covering 0 publicly managed and/or regulated critical infrastructure facilities.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to coordinate with how many publicly managed and/or regulated critical infrastructure facilities? | 1 | 0 | 0 | Sustain Capability | Low (24-48 Months) |
| The target goal of the jurisdiction is to review and update cyber incident plans how many times per year? | 1 | 0 | 0 | Sustain Capability | Low (24-48 Months) |

**Planning Confidence Level**
Confidence Level 1: Some plans/annexes are in development

**Organization Confidence Level**
Confidence Level 1: 0-20% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 1: 0-20% of required equipment exists

**Training Confidence Level**
Confidence Level 1: 0-20% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Planning**
Yes

**Planning Level Description**
The Williamson County Government uses an outside service provider for all things cyber. A new provider has just signed an agreement with the county to provide IT services. The WCEMA Office is currently collaborating with the outside service provider to plan exercises to identify weaknesses to write a comprehensive Cyber-Security Annex for the EOP.

**Organization**
Yes

**Organization Level Description**
To be determined from meeting with outside service provider. Currently there is no formal Cyber-Security plan.

**Equipment**
Yes

**Equipment Level Description**
To be determined from meeting with outside service provider.

**Training**
Yes

**Training Level Description**
To be determined from meeting with outside service provider. Training will focus on the effects of phishing and other attempts of malware or virus delivery methods.

**Exercise**
Yes

**Exercise Level Description**
The Williamson County Emergency Management Agency will coordinate with the outside service provider a workshop to address cyber threats and attacks.

## Intelligence and Information Sharing

**Capability Score:**

4.6

**Capability Rating:**

**LOW**
**Perform without Challenges**

**Threat or Hazard**
Utility Disruption

**Description**
Provide timely, accurate, and actionable information resulting from the planning, direction, collection, exploitation, processing, analysis, production, dissemination, evaluation, and feedback of available information concerning physical and cyber threats to the United States, its individuals, property, or interests; the development, proliferation, or use of WMDs; or any other matter bearing on U.S. national or homeland security by local, state, tribal, territorial, Federal, and other stakeholders. Information sharing is the ability to exchange intelligence, information, data, or knowledge among government or private sector entities, as appropriate.

**Mission Areas**
Prevention, Protection

**Capability Target**
During steady state, review the ability to effectively execute the intelligence cycle and identify the 4 personnel assigned to support execution of the intelligence cycle.Then, within 1 hours of the identification or notification of a credible threat, identify/analyze local context of the threat for the respective area of responsibility, and facilitate the sharing of threat information with 6 stakeholder agencies/ entities in accordance with the intelligence cycle, and all dissemination protocols.

**Capability Assessment**
During steady state, review the ability to effectively execute the intelligence cycle and identify the 2 personnel assigned to support execution of the intelligence cycle.Then, within 1 hours of the identification or notification of a credible threat, identify/analyze local context of the threat for the respective area of responsibility, and facilitate the sharing of threat information with 6 stakeholder agencies/ entities in accordance with the intelligence cycle, and all dissemination protocols.

|  | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to process information into intelligence within how many hours? | 1 | 1 | 0 | Addressing Gap |  |
| The target goal of the jurisdiction is to provide intelligence to how many stakeholders/entities? | 6 | 6 | 0 | Sustain Capability |  |
| The target goal of the jurisdiction is to have how many individuals assigned to support the intelligence cycle? | 4 | 2 | 0 | Sustain Capability |  |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 5: 80-100% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 5: 80-100% of required equipment exists

**Training Confidence Level**
Confidence Level 5: 80-100% of required training exists

**Exercise Confidence Level**
Confidence Level 4: Exercises/real-world demonstration have occurred; some areas for improvement exist

| | |
|---|---|
| **Planning** | **Planning Level Description** |
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| **Training** | **Training Level Description** |
| **Exercise** | **Exercise Level Description** |

**Operational Coordination**

**Capability Score:**

2.6

**Capability Rating:**

**ELEVATED**
**Perform with Major Challenges**

**Threat or Hazard**
Hazardous Materials Release

**Description**
Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of Core Capabilities.

**Mission Areas**
Prevention, Protection, Mitigation, Response, Recovery

**Capability Target**
Within 1 hours of a potential or actual incident, establish and maintain a unified and coordinated operational structure and process with 4 partner organizations involved in incident management. Maintain for 3 days.

**Capability Assessment**
Within 2 hours of a potential or actual incident, establish and maintain a unified and coordinated operational structure and process with 0 partner organizations involved in incident management. Maintain for 3 days.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to establish and maintain a unified and coordinated operational structure within how many hours of an incident? | 1 | 2 | 0 | Sustain Capability | High (0-12 Months) |
| The target goal of the jurisdiction is to have how many partner organizations involved in a unified and coordinated operational structure? | 4 | 0 | 0 | Sustain Capability | High (0-12 Months) |
| The target goal of the jurisdiction is to maintain the unified and coordinated operational structure for how many days? | 3 | 3 | 0 | Sustain Capability | |

**Planning Confidence Level**
Confidence Level 3: Plans/annexes are complete but require update

**Organization Confidence Level**
Confidence Level 3: 40-60% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 3: 40-60% of required equipment exists

**Training Confidence Level**
Confidence Level 3: 40-60% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

**Planning**
Yes

**Planning Level Description**
The Emergency Operations Plan is revied as needed.

**Organization**
Yes

**Organization Level Description**
Members of the Fire, Police, EMS and Public Works need to be part of the Emergency Operation Center Command and General Staff to facilitate Operational Coordination.

**Equipment**
Yes

**Equipment Level Description**
Computers, display devices, and printers will need to be continually updated to provide access to situational awareness and access to required forms. General office supplies will need to be supplied to support the function of the EOC.

**Training**
Yes

**Training Level Description**
ICS 300 & 400 will benefit any member agency assisting in EOC operations. Continual training in EOC Activations will benefit all EOC command and general staff.

**Exercise**
Yes

**Exercise Level Description**
The Williamson County EMA and City of Marion EMA plan to coordinate seminars, tabletops, and functional/full scale exercises within the next 3 years in accordance with the Hazardous Materials Emergency Preparedness Grant.

**Capability Score:**

4

**Capability Rating:**

**GUARDED**
Perform with Some Challenges

**Threat or Hazard**
Earthquake

**Description**
Deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as well as the actions being taken and the assistance being made available, as appropriate.

**Mission Areas**
Prevention, Protection, Mitigation, Response, Recovery

**Capability Target**
Within 30 minutes notice of an incident, deliver reliable and actionable information to individuals affected, including 13374 individuals with access and functional needs and 600 limited English proficiency.

**Capability Assessment**
Within 60 minutes notice of an incident, deliver reliable and actionable information to individuals affected, including 13374 individuals with access and functional needs and 600 limited English proficiency.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to provide reliable and actionable information within how many minutes after the incident? | 30 | 60 | 0 | Sustain Capability | Low (24-48 Months) |
| The target goal of the jurisdiction is to have the ability to deliver reliable and actionable information to how many individuals with access and functional needs? | 13374 | 13374 | 0 | Sustain Capability | Low (24-48 Months) |
| The target goal of the jurisdiction is to have the ability to deliver reliable and actionable information to how many individuals with limited English proficiency? | 600 | 600 | 0 | Sustain Capability | Low (24-48 Months) |

**Planning Confidence Level**
Confidence Level 1: Some plans/annexes are in development

**Organization Confidence Level**
Confidence Level 5: 80-100% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 5: 80-100% of required equipment exists

**Training Confidence Level**
Confidence Level 5: 80-100% of required training exists

**Exercise Confidence Level**
Confidence Level 4: Exercises/real-world demonstration have occurred; some areas for improvement exist

| **Planning** | **Planning Level Description** |
|---|---|
| Yes | Williamson County EMA uses Hyper-Reach for community mass notification and access to iPAWS. The mass notification feature of Hyper-Reach is exercised regularly. iPAWS is exercised monthly in accordance with FEMA iPAWS rules. Continued outreach activities are needed to increase the subscriber base to bolster the effectiveness of the community notification capacities of Hyper-Reach. |

**Organization**     **Organization Level Description**

**Equipment**     **Equipment Level Description**

**Training**     **Training Level Description**

**Exercise**     **Exercise Level Description**

**Planning**

Capability Score:

3.4

Capability Rating:

**ELEVATED**
**Perform with Major Challenges**

**Threat or Hazard**
Earthquake

**Description**
Conduct a systematic process engaging the whole community as appropriate in the development of executable strategic, operational, and/or tactical-level approaches to meet defined objectives.

**Mission Areas**
Prevention, Protection, Mitigation, Response, Recovery

**Capability Target**
Within every 1 years, update all emergency operations plans that define the roles and responsibilities of 15 partner organizations involved in incident management and the sequence and scope of tasks needed to prevent, protect, mitigate, respond to, and recover from events.

**Capability Assessment**
Within every 4 years, update all emergency operations plans that define the roles and responsibilities of 0 partner organizations involved in incident management and the sequence and scope of tasks needed to prevent, protect, mitigate, respond to, and recover from events.

| | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|
| The target goal of the jurisdiction is to review and update all emergency operations plans every how many years? | 1 | 4 | 0 | Sustain Capability | High (0-12 Months) |
| How many partner organizations are involved in incident management planning? | 15 | 0 | 0 | Sustain Capability | Low (24-48 Months) |

**Planning Confidence Level**
Confidence Level 4: Plans/annexes are complete and have been updated within 5 years

**Organization Confidence Level**
Confidence Level 4: 60-80% of required organization/personnel exists

**Equipment Confidence Level**
Confidence Level 4: 60-80% of required equipment exists

**Training Confidence Level**
Confidence Level 4: 60-80% of required training exists

**Exercise Confidence Level**
Confidence Level 1: No exercises/real-world demonstration have occurred in the last five years

| **Planning** | **Planning Level Description** |
|---|---|
| **Organization** | **Organization Level Description** |
| **Equipment** | **Equipment Level Description** |
| **Training** | **Training Level Description** |
| **Exercise**<br>Yes | **Exercise Level Description**<br>The Emergency Operations Plan is reviewed as needed. No exercised have been conducted within the last 5 years. |

**Dashboard**

| Core Capability | Planning | Organization | Equipment | Training | Exercise | POETE Score | Capability Gaps |
|---|---|---|---|---|---|---|---|
| Operational Communications | 4 | 4 | 4 | 4 | 3 | 3.8 | 1 |
| Cyber Security | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| Fatality Management | 4 | 5 | 5 | 5 | 1 | 4 | 0 |
| Community Resilience | 5 | 5 | 5 | 5 | 5 | 5 | 0 |
| Infrastructure Systems | 4 | 5 | 5 | 1 | 1 | 3.2 | 0 |
| Mass Search and Rescue Operations | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| Public Information and Warning | 1 | 5 | 5 | 5 | 4 | 4 | 1 |
| Economic Recovery | 4 | 3 | 3 | 3 | 1 | 2.8 | 2 |
| Housing | 4 | 3 | 3 | 3 | 1 | 2.8 | 5 |
| Situational Assessment | 5 | 3 | 3 | 5 | 1 | 3.4 | 1 |
| Public Health, Healthcare, and Emergency Medical Services | 4 | 5 | 2 | 2 | 1 | 2.8 | 1 |
| Planning | 4 | 4 | 4 | 4 | 1 | 3.4 | 1 |
| Logistics and Supply Chain Management | 5 | 5 | 5 | 5 | 5 | 5 | 1 |
| Threats and Hazard Identification | 4 | 5 | 5 | 5 | 5 | 4.8 | 0 |
| Operational Coordination | 3 | 3 | 3 | 3 | 1 | 2.6 | 2 |
| Mass Care Services | 4 | 3 | 3 | 3 | 1 | 2.8 | 2 |
| Critical Transportation | 4 | 5 | 5 | 5 | 1 | 4 | 0 |
| Intelligence and Information Sharing | 4 | 5 | 5 | 5 | 4 | 4.6 | 0 |

**Strategic Outline**

Completion Date

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**Short Term**

**(Usually 0-12 Months)**

Begin Date                                                           End Date

Capability Gaps

| Core Capability | Capability | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|---|

Strategic Outline

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**Near Term**

**(Usually 12-24 Months)**

Begin Date                                                           End Date

Capability Gaps

| Core Capability | Capability | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|---|
| Operational Communications | The target goal of the jurisdiction is to coordinate interoperable communications with how many partner organizations? | 0 (Less Than) | 4 | 4 | Addressing Gap | Medium (12-24 Months) |

Strategic Outline

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**Long Term**

**(Usually 24-48 Months)**

Begin Date                                                           End Date

Capability Gaps

| Core Capability | Capability | Capability Target | Capability Assessment | Capability Gap | Addressing Gap | Priority |
|---|---|---|---|---|---|---|
| Housing | The target goal of the jurisdiction is to assess housing impacts and needs within how many hours of an incident? | 72 (Greater Than) | 24 | 48 | Addressing Gap | Low (24-48 Months) |
| Housing | The target goal of the jurisdiction is to have the capacity for how many individuals with access and function needs requiring temporary housing solutions? | 130 (Less Than) | 30 | 100 | Addressing Gap | Low (24-48 Months) |
| Housing | The target goal of the jurisdiction is to have the capacity for how many individuals requiring temporary/alternate housing solutions? | 0 (Less Than) | 200 | 200 | Addressing Gap | Low (24-48 Months) |
| Housing | The target goal of the jurisdiction is to have the capacity for how many individuals requiring long-term housing solutions? | 0 (Less Than) | 100 | 100 | Addressing Gap | Low (24-48 Months) |
| Housing | The target goal of the jurisdiction is to have the capacity for how many individuals requiring alternate housing as a result of a public health emergency? | 0 (Less Than) | 100 | 100 | Addressing Gap | Low (24-48 Months) |
| Economic Recovery | The target goal of the jurisdiction is to coordinate with how many businesses within the jurisdiction? | 0 (Less Than) | 10 | 10 | Addressing Gap | Low (24-48 Months) |
| Economic Recovery | The target goal of the jurisdiction is to engage how many public, private and non-profit partners to serve on the long-term recovery committee? | 0 (Less Than) | 5 | 5 | Addressing Gap | Low (24-48 Months) |
| Public Health, Healthcare, and Emergency Medical Services | The target goal of the jurisdiction is to provide quarantine and isolation services for how many individuals? | 0 (Less Than) | 100 | 100 | Addressing Gap | Low (24-48 Months) |

Strategic Outline