

# **THREAT AND HAZARD IDENTIFICATION AND RISK ASSESSMENT (THIRA)**

## **2021 Report Kansas**

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## THIRA Overview

The THIRA is a three-step risk assessment completed every three years. It helps answer the following questions:

- What threats and hazards can affect our community?
- If they occurred, what impacts would those threats and hazards have on our community?
- Based on those impacts, what capabilities should our community have?

The THIRA helps communities understand their risks and determine the level of capability they need in order to address those risks. The outputs from this process lay the foundation for determining a community's capability gaps during the SPR process.

The THIRA follows a three-step process, as described in Comprehensive Preparedness Guide 201, Third Edition:

- 1. Identify Threats and Hazards.** Based on a combination of experience, forecasting, subject matter expertise, and other available resources, develop a list of threats and hazards that could affect the community. When deciding what threats or hazards to include in the THIRA, communities consider only those that challenge the community's ability to deliver at least one core capability more than any other incident; the THIRA is not intended to include less challenging threats and hazards.
- 2. Give Threats and Hazards Context.** Describe the threats and hazards identified in Step 1, showing how they may affect the community and create challenges in performing the core capabilities. Identify the impacts a threat or hazard may have on a community.
- 3. Establish Capability Targets.** Using the impacts described in Step 2, determine the level of capability that the community plans to achieve over time in order to manage the threats and hazards it faces. Using standardized language, create capability targets for each of the core capabilities based on this desired level of capability by identifying impacts, objectives, and timeframe metrics. A core capability is comprised of several functional areas in which a community may have a gap. Each required standardized target addresses one or more functional areas.

## Report Overview

This report contains two sections:

- THIRA Steps 1 and 2: Threats, Hazards, and Context
  - o Identified threats and hazards
  - o Context descriptions
  - o Standardized impacts
  - o Non-standardized impacts
- THIRA Step 3: Capability Targets
  - o Standardized capability targets
  - o Maximum requirements

# THIRA Step 1 and 2: Threats, Hazards, and Threat/Hazard: Animal Disease

|                          |                             |                      |
|--------------------------|-----------------------------|----------------------|
| <b>Category:</b> Natural | <b>Type:</b> Animal Disease | <b>Terrorism:</b> No |
|--------------------------|-----------------------------|----------------------|

**Context Description:**

On June 23rd, the USDA announced that there are five cases of confirmed foot and mouth disease in the Midwest. Three of the samples tested were from feed lots in Kansas and two were from an auction house in Oklahoma City, Oklahoma. Beef, milk, and dairy commodity prices fall immediately and there are expected to be hundreds of other cases identified as additional samples are tested and as state officials continue to trace the cause of the outbreak and where it will break next. The response is expected to cost over 5 billion dollars in Kansas alone, and it is likely that many producers will not be able to resume production until early Spring of the following year.

**Standardized Impact**

| Impact Category  | Estimate | Impact Category   | Estimate |
|--|----------|---|----------|
| (#) jurisdictions affected   | 106      | (#) structure fires   |          |
| (#) partner organizations involved in incident management          |          | (#) people requiring shelter  |          |
| (#) people affected  |          | (#) people with access and functional needs (requiring accessible shelter)                            |          |
| (#) people with access and functional needs (affected)             |          | (#) people requiring food and water   |          |
| (#) people with limited English proficiency affected               |          | (#) people with access and functional needs (requiring food and water)                                |          |
| (#) customers (without water service)                              |          | (#) animals requiring shelter, food, and water  |          |
| (#) customers (without wastewater service)                         |          | (#) people requiring temporary, non-congregate housing  |          |
| (#) customers (without communication service)                      |          | (#) people with access and functional needs (requiring accessible, temporary, non-congregate housing) |          |
| (#) customers (without power service)                              |          | (#) people requiring rescue   |          |
| (#) people requiring evacuation                                    |          | (#) people requiring medical care   |          |
| (#) people with access and functional needs (requiring evacuation) |          | (#) businesses closed due to the incident   |          |
| (#) miles of road affected   |          | (#) affected healthcare facilities and social service organizations                                   |          |
| (#) hazmat release sites   |          |   |          |
| (#) exposed individuals (hazmat-related incidents)                 |          |   |          |
| (#) fatalities   |          |   |          |

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**Standardized Impact**

| Impact Category   | Estimate |
|---|----------|
| (#) people requiring long-term housing  |          |
| (#) people with access and functional needs (requiring accessible long-term housing)              |          |
| (#) damaged natural and cultural resources and historic properties registered in the jurisdiction |          |
| (#) people requiring screening  |          |
| (#) people with access and functional needs (requiring screening)                                 |          |
| (#) personnel   |          |
| (#) priority intelligence stakeholder agencies/entities   |          |

**Non-Standardized Impact Entries**

| Impact Name |
|-------------|
|             |

**Source Identification**

| Source Name   | Sources Used to Develop Context Description and Calculate Impacts (Optional) |
|---|--|
| <ul style="list-style-type: none"> <li>- Real-world events</li> <li>- Response plans</li> <li>- Hazard mitigation plans (including Hazard Identification and Risk Assessment)</li> <li>- Subject-matter experts (SMEs)</li> <li>- Modeling or tools</li> <li>- Exercises</li> <li>- After-Action Reports</li> <li>- Other reports (government, academic, non-profit)</li> <li>- Prior year THIRAs</li> <li>- Other existing threat and hazard assessments</li> <li>- Capability Assessments (such as the SPR)</li> <li>- Resource Inventory</li> <li>- Improvement plans</li> </ul> |  |





## Threat/Hazard: Chemical Hazmat Release

|                                |  |                      |
|--------------------------------|--|----------------------|
| <b>Category:</b> Technological | <b>Type:</b> Hazmat Release - Chemical | <b>Terrorism:</b> No |
|--------------------------------|--|----------------------|

**Context Description:**

A release of 1,000,000 lbs of chlorine, at a release rate of 100,000 lbs/min from the Occidental Chemical Corporation in Wichita, KS on an unseasonably cool, 77 degree day. Wind speed is 3.4 mph out of the SW heading NE toward Wichita, with atmospheric conditions being stable. Distance to end point would be approximately 25 miles, affecting a population of 350,000 which includes the business district (isolation for 500 meters, protection downwind 1.9 miles).

**Standardized Impact**

| Impact Category  | Estimate | Impact Category   | Estimate |
|--|----------|---|----------|
| (#) jurisdictions affected   |          | (#) people with access and functional needs (requiring accessible shelter)                            |          |
| (#) partner organizations involved in incident management          |          | (#) people requiring food and water   |          |
| (#) people affected  | 350,000  | (#) people with access and functional needs (requiring food and water)                                |          |
| (#) people with access and functional needs (affected)             |          | (#) animals requiring shelter, food, and water  |          |
| (#) people with limited English proficiency affected               |          | (#) people requiring temporary, non-congregate housing  |          |
| (#) customers (without water service)                              |          | (#) people with access and functional needs (requiring accessible, temporary, non-congregate housing) |          |
| (#) customers (without wastewater service)                         |          | (#) people requiring rescue   |          |
| (#) customers (without communication service)                      |          | (#) people requiring medical care   |          |
| (#) customers (without power service)                              |          | (#) businesses closed due to the incident   |          |
| (#) people requiring evacuation                                    |          | (#) affected healthcare facilities and social service organizations                                   |          |
| (#) people with access and functional needs (requiring evacuation) |          | (#) people requiring long-term housing  |          |
| (#) miles of road affected   |          | (#) people with access and functional needs (requiring accessible long-term housing)                  |          |
| (#) hazmat release sites   | 1        |   |          |
| (#) exposed individuals (hazmat-related incidents)                 |          |   |          |
| (#) fatalities   |          |   |          |
| (#) structure fires  |          |   |          |
| (#) people requiring shelter                                       |          |   |          |

**Standardized Impact**

| Impact Category   | Estimate |
|---|----------|
| (#) damaged natural and cultural resources and historic properties registered in the jurisdiction |          |
| (#) people requiring screening  |          |
| (#) people with access and functional needs (requiring screening)                                 |          |
| (#) personnel   |          |
| (#) priority intelligence stakeholder agencies/entities   |          |

**Non-Standardized Impact Entries**

| Impact Name |
|-------------|
|-------------|

**Source Identification**

| Source Name  | Sources Used to Develop Context Description and Calculate Impacts (Optional) |
|--|--|
| <ul style="list-style-type: none"> <li>- Real-world events</li> <li>- Response plans</li> <li>- Hazard mitigation plans (including Hazard Identification and Risk Assessment)</li> <li>- Subject-matter experts (SMEs)</li> <li>- Modeling or tools</li> <li>- Exercises</li> <li>- After-Action Reports</li> <li>- County/Municipal THIRAs</li> <li>- Other reports (government, academic, non-profit)</li> <li>- Prior year THIRAs</li> <li>- Other existing threat and hazard assessments</li> <li>- Capability Assessments (such as the SPR)</li> <li>- Resource Inventory</li> <li>- Improvement plans</li> </ul> |  |



## Threat/Hazard: Chemical Hazmat Release 2

|                                |  |                      |
|--------------------------------|--|----------------------|
| <b>Category:</b> Technological | <b>Type:</b> Hazmat Release - Chemical | <b>Terrorism:</b> No |
|--------------------------------|--|----------------------|

**Context Description:**

Due to a valve failure at the National Cooperative Refinery Association (NCRA) plant SW of the City of McPherson, the entire contents of a tank containing hydrogen fluoride is released. The hydrogen fluoride releases in a liquid form, converting immediately to a gas due to the 75 degree temperature. This gas releases at a rate of 6800 pounds per minute, for 10 minutes. Winds are 2.9 knots in a northerly direction, creating a low lying plume that has an end point of 25 miles. Directly in the path of the plume of hydrogen fluoride is a population of 90,000 people.

**Standardized Impact**

| Impact Category  | Estimate | Impact Category   | Estimate |
|--|----------|---|----------|
| (#) jurisdictions affected   |          | (#) people with access and functional needs (requiring accessible shelter)                            |          |
| (#) partner organizations involved in incident management          |          | (#) people requiring food and water   |          |
| (#) people affected  | 90,000   | (#) people with access and functional needs (requiring food and water)                                |          |
| (#) people with access and functional needs (affected)             | 18,000   | (#) animals requiring shelter, food, and water  |          |
| (#) people with limited English proficiency affected               | 6,300    | (#) people requiring temporary, non-congregate housing  |          |
| (#) customers (without water service)                              | 90,000   | (#) people with access and functional needs (requiring accessible, temporary, non-congregate housing) |          |
| (#) customers (without wastewater service)                         |          | (#) people requiring rescue   |          |
| (#) customers (without communication service)                      |          | (#) people requiring medical care   |          |
| (#) customers (without power service)                              |          | (#) businesses closed due to the incident   |          |
| (#) people requiring evacuation                                    | 17,000   | (#) affected healthcare facilities and social service organizations                                   | 44       |
| (#) people with access and functional needs (requiring evacuation) | 3,400    | (#) people requiring long-term housing  |          |
| (#) miles of road affected   |          | (#) people with access and functional needs (requiring accessible long-term housing)                  |          |
| (#) hazmat release sites   |          |   |          |
| (#) exposed individuals (hazmat-related incidents)                 |          |   |          |
| (#) fatalities   |          |   |          |
| (#) structure fires  |          |   |          |
| (#) people requiring shelter                                       |          |   |          |

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**Standardized Impact**

| Impact Category   | Estimate |
|---|----------|
| (#) damaged natural and cultural resources and historic properties registered in the jurisdiction |          |
| (#) people requiring screening  |          |
| (#) people with access and functional needs (requiring screening)                                 |          |
| (#) personnel   |          |
| (#) priority intelligence stakeholder agencies/entities   |          |

**Non-Standardized Impact Entries**

| Impact Name |
|-------------|
|-------------|

**Source Identification**

| Source Name   | Sources Used to Develop Context Description and Calculate Impacts (Optional) |
|---|--|
| <ul style="list-style-type: none"> <li>- Real-world events</li> <li>- Response plans</li> <li>- Hazard mitigation plans (including Hazard Identification and Risk Assessment)</li> <li>- Subject-matter experts (SMEs)</li> <li>- Modeling or tools</li> <li>- Exercises</li> <li>- After-Action Reports</li> <li>- Other reports (government, academic, non-profit)</li> <li>- Prior year THIRAs</li> <li>- Other existing threat and hazard assessments</li> <li>- Capability Assessments (such as the SPR)</li> <li>- Resource Inventory</li> <li>- Improvement plans</li> </ul> |  |



## Threat/Hazard: Cyber Attack

|                               |                           |                      |
|-------------------------------|---------------------------|----------------------|
| <b>Category:</b> Human Caused | <b>Type:</b> Cyber Attack | <b>Terrorism:</b> No |
|-------------------------------|---------------------------|----------------------|

### Context Description:

In the middle part of June, the initial phases of computer network attacks begin on power generation and transmission infrastructure, on natural gas pipeline infrastructure and on targeted components of communication infrastructure. Attributing the attacks to any sources is difficult. However, the attacks are of a sophisticated enough nature and broad enough in scope to be the work of nation state computer network attack forces or nation state sponsored criminal hacking groups or most likely a combination of the two. The attacks display enough specific targeting of Industrial Control Systems (ICS) and critical communications nodes to indicate that years worth of intelligence gathering, network mapping and pre-attack planning were carried out prior to the attacks beginning. The fluidity of the attacks indicated a significant understanding of how certain components of the power grid and fuel supply systems can be attacked in multiple locations and at multiple times and have devastating impacts on almost all of the power grid. The timing of the attacks is at the beginning of the peak power usage period for the year (the summer months) which has greatly exacerbated the problem of keeping power transmission and distribution systems running. The basis of the attacks is not theft from financial institutions or of intellectual property as has been perpetrated in the past by Transnational Criminal Organizations (TCO) with cyber exploitation capabilities. Although some of those groups may be acting as paid proxies the destructive nature of this attack is an indicator that it is an asymmetric warfare tactic aimed at damaging US national security. The Eastern Interconnect portion of the power grid, including Kansas, has been the most significantly impacted with power supply issues stretching from the East Coast to the eastern slope of the Rocky Mountains. The inability of utilities to maintain consistent voltage on the grid because of generation and transmission problems has led utilities to implement load shedding plans that have caused rolling blackouts. The controlled load shedding has not been enough to match the ongoing and shifting nature of the attack which is causing additional and more persistent outages and is even causing damage to major transformers and some generating facilities. The cascading effects are impacting citizens on a widening scale leading to heat injuries and deaths, water purity and sanitation issues, food safety and availability issues, fuel availability issues, transportation and commerce issues, communications issues, banking issues, medical treatment availability issues and generally stressing local and state governments nearly to their breaking point. Personal losses, economic damage, infrastructure damage and cost of recovery will range in the tens of billions of dollars for Kansas alone.

### Standardized Impact

| Impact Category   | Estimate | Impact Category                               | Estimate |
|---|----------|---|----------|
| (#) jurisdictions affected                                | 106      | (#) customers (without water service)         |          |
| (#) partner organizations involved in incident management |          | (#) customers (without wastewater service)    |          |
| (#) people affected                                       |          | (#) customers (without communication service) |          |
| (#) people with access and functional needs (affected)    |          | (#) customers (without power service)         |          |
| (#) people with limited English proficiency affected      |          |   |          |

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**Standardized Impact**

| Impact Category   | Estimate | Impact Category   | Estimate |
|---|----------|---|----------|
| (#) people requiring evacuation   |          | (#) damaged natural and cultural resources and historic properties registered in the jurisdiction |          |
| (#) people with access and functional needs (requiring evacuation)                                    |          |   |          |
| (#) miles of road affected  |          | (#) people requiring screening  |          |
| (#) hazmat release sites  |          | (#) people with access and functional needs (requiring screening)                                 |          |
| (#) exposed individuals (hazmat-related incidents)  |          |   |          |
| (#) fatalities  |          | (#) personnel   |          |
| (#) structure fires   |          | (#) priority intelligence stakeholder agencies/entities   |          |
| (#) people requiring shelter  |          |   |          |
| (#) people with access and functional needs (requiring accessible shelter)                            |          |   |          |
| (#) people requiring food and water   |          |   |          |
| (#) people with access and functional needs (requiring food and water)                                |          |   |          |
| (#) animals requiring shelter, food, and water  |          |   |          |
| (#) people requiring temporary, non-congregate housing  |          |   |          |
| (#) people with access and functional needs (requiring accessible, temporary, non-congregate housing) |          |   |          |
| (#) people requiring rescue   |          |   |          |
| (#) people requiring medical care   |          |   |          |
| (#) businesses closed due to the incident   |          |   |          |
| (#) affected healthcare facilities and social service organizations                                   |          |   |          |
| (#) people requiring long-term housing  |          |   |          |
| (#) people with access and functional needs (requiring accessible long-term housing)                  |          |   |          |

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**Non-Standardized Impact Entries**

| Impact Name |
|-------------|
|-------------|

**Source Identification**

| Source Name   | Sources Used to Develop Context Description and Calculate Impacts (Optional) |
|---|--|
| <ul style="list-style-type: none"> <li>- Real-world events</li> <li>- Response plans</li> <li>- Hazard mitigation plans (including Hazard Identification and Risk Assessment)</li> <li>- Subject-matter experts (SMEs)</li> <li>- Modeling or tools</li> <li>- Exercises</li> <li>- After-Action Reports</li> <li>- Fusion Center products and assessments</li> <li>- Other reports (government, academic, non-profit)</li> <li>- Prior year THIRAs</li> <li>- Other existing threat and hazard assessments</li> <li>- Capability Assessments (such as the SPR)</li> <li>- Resource Inventory</li> <li>- Improvement plans</li> </ul> | This area is currently blank for data entry                                  |



## Threat/Hazard: Explosive Devices

|                               |                                |                       |
|-------------------------------|--------------------------------|-----------------------|
| <b>Category:</b> Human Caused | <b>Type:</b> Explosive Devices | <b>Terrorism:</b> Yes |
|-------------------------------|--------------------------------|-----------------------|

### Context Description:

A suicide bomber gains entrance to the Kansas Speedway on a Sunday afternoon during racing season. There are 80,000 people in attendance, with an additional 1500 vendors. Once the bomb goes off there are 50 fatalities and 125 injuries with a fire resulting below the grand stand that is threatening to reach racing fuel on the field. Other areas impacted are: casino, shopping district, Great Wolf Lodge, 1-70 exchange. Estimated population of Legends at time of incident is 10,000 persons. Upon identification of a credible threat, information would be shared with 100 priority intelligence stakeholder agencies/entities and 100 personnel assigned to support follow up interdiction and disruption activities. There is a need for screening, search, and detection to be conducted on at least 30000 people, including 6000 with access and functional needs.

### Standardized Impact

| Impact Category  | Estimate | Impact Category   | Estimate |
|--|----------|---|----------|
| (#) jurisdictions affected   |          | (#) structure fires   | 1        |
| (#) partner organizations involved in incident management          |          | (#) people requiring shelter  |          |
| (#) people affected  |          | (#) people with access and functional needs (requiring accessible shelter)                            |          |
| (#) people with access and functional needs (affected)             |          | (#) people requiring food and water   |          |
| (#) people with limited English proficiency affected               |          | (#) people with access and functional needs (requiring food and water)                                |          |
| (#) customers (without water service)                              |          | (#) animals requiring shelter, food, and water  |          |
| (#) customers (without wastewater service)                         |          | (#) people requiring temporary, non-congregate housing  |          |
| (#) customers (without communication service)                      |          | (#) people with access and functional needs (requiring accessible, temporary, non-congregate housing) |          |
| (#) customers (without power service)                              |          | (#) people requiring rescue   |          |
| (#) people requiring evacuation                                    |          | (#) people requiring medical care   | 125      |
| (#) people with access and functional needs (requiring evacuation) |          | (#) businesses closed due to the incident   |          |
| (#) miles of road affected   |          | (#) affected healthcare facilities and social service organizations                                   |          |
| (#) hazmat release sites   |          |   |          |
| (#) exposed individuals (hazmat-related incidents)                 | 80,000   |   |          |
| (#) fatalities   | 50       |   |          |

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**Standardized Impact**

| Impact Category   | Estimate |
|---|----------|
| (#) people requiring long-term housing  |          |
| (#) people with access and functional needs (requiring accessible long-term housing)              |          |
| (#) damaged natural and cultural resources and historic properties registered in the jurisdiction |          |
| (#) people requiring screening  | 30,000   |
| (#) people with access and functional needs (requiring screening)                                 | 6,000    |
| (#) personnel   | 100      |
| (#) priority intelligence stakeholder agencies/entities   | 100      |

**Non-Standardized Impact Entries**

| Impact Name   |
|---|
| \$10 Million dollars in direct economic loss (ticket sales, mall revenues, casino revenue, food, parking) |

**Source Identification**

| Source Name   | Sources Used to Develop Context Description and Calculate Impacts (Optional) |
|---|--|
| <ul style="list-style-type: none"> <li>- Real-world events</li> <li>- Response plans</li> <li>- Hazard mitigation plans (including Hazard Identification and Risk Assessment)</li> <li>- Subject-matter experts (SMEs)</li> <li>- Modeling or tools</li> <li>- Exercises</li> <li>- After-Action Reports</li> <li>- Fusion Center products and assessments</li> <li>- County/Municipal THIRAs</li> <li>- Other reports (government, academic, non-profit)</li> <li>- Prior year THIRAs</li> <li>- Other existing threat and hazard assessments</li> </ul> |  |



- Capability Assessments (such as the SPR)
- Resource Inventory
- Improvement plans

## Threat/Hazard: Tornado

|                          |                      |                      |
|--------------------------|----------------------|----------------------|
| <b>Category:</b> Natural | <b>Type:</b> Tornado | <b>Terrorism:</b> No |
|--------------------------|----------------------|----------------------|

**Context Description:**

An F5 tornado hits downtown Wichita, Kansas on a Saturday afternoon during Riverfest. The downtown is decimated including a housing area. 150 fatalities result with another 3750 people injured. Additionally, tornadoes impacted five jurisdictions across Kansas affecting community infrastructure.

**Standardized Impact**

| Impact Category  | Estimate | Impact Category   | Estimate |
|--|----------|---|----------|
| (#) jurisdictions affected   | 6        | (#) people requiring food and water   | 16,000   |
| (#) partner organizations involved in incident management                  | 300      | (#) people with access and functional needs (requiring food and water)                                | 3,200    |
| (#) people affected  | 150,000  | (#) animals requiring shelter, food, and water  | 200      |
| (#) people with access and functional needs (affected)                     | 30,000   | (#) people requiring temporary, non-congregate housing  | 300      |
| (#) people with limited English proficiency affected                       | 10,500   | (#) people with access and functional needs (requiring accessible, temporary, non-congregate housing) | 60       |
| (#) customers (without water service)                                      | 90,000   | (#) people requiring rescue   | 65       |
| (#) customers (without wastewater service)                                 | 100,000  | (#) people requiring medical care   | 650      |
| (#) customers (without communication service)                              | 150,000  | (#) businesses closed due to the incident   | 400      |
| (#) customers (without power service)                                      | 130,000  | (#) affected healthcare facilities and social service organizations                                   | 36       |
| (#) people requiring evacuation  |          | (#) people requiring long-term housing  | 300      |
| (#) people with access and functional needs (requiring evacuation)         |          | (#) people with access and functional needs (requiring accessible long-term housing)                  | 60       |
| (#) miles of road affected   | 6        | (#) damaged natural and cultural resources and historic properties registered in the jurisdiction     | 6        |
| (#) hazmat release sites   | 100      | (#) people requiring screening  |          |
| (#) exposed individuals (hazmat-related incidents)                         |          |   |          |
| (#) fatalities   | 200      |   |          |
| (#) structure fires  |          |   |          |
| (#) people requiring shelter   | 500      |   |          |
| (#) people with access and functional needs (requiring accessible shelter) | 100      |   |          |

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**Standardized Impact**

| Impact Category   | Estimate |
|---|----------|
| (#) people with access and functional needs (requiring screening) |          |
| (#) personnel   |          |
| (#) priority intelligence stakeholder agencies/entities           |          |

**Non-Standardized Impact Entries**

| Impact Name |
|-------------|
|-------------|

**Source Identification**

| Source Name   | Sources Used to Develop Context Description and Calculate Impacts (Optional) |
|---|--|
| <ul style="list-style-type: none"> <li>- Real-world events</li> <li>- Response plans</li> <li>- Hazard mitigation plans (including Hazard Identification and Risk Assessment)</li> <li>- Subject-matter experts (SMEs)</li> <li>- Modeling or tools</li> <li>- Exercises</li> <li>- After-Action Reports</li> <li>- Other reports (government, academic, non-profit)</li> <li>- Prior year THIRAs</li> <li>- Other existing threat and hazard assessments</li> <li>- Capability Assessments (such as the SPR)</li> <li>- Resource Inventory</li> <li>- Improvement plans</li> </ul> |  |





## Threat/Hazard: Wildland Fire

|                          |                       |                      |
|--------------------------|-----------------------|----------------------|
| <b>Category:</b> Natural | <b>Type:</b> Wildfire | <b>Terrorism:</b> No |
|--------------------------|-----------------------|----------------------|

**Context Description:**

Critical fire conditions exist across the majority of the state. Several fires throughout the past couple of days have already burned an estimated 400,000 acres and interstate mutual aid is near capacity. A large wildland fire is quickly approaching a jurisdiction of 40,000 people.

**Standardized Impact**

| Impact Category  | Estimate | Impact Category   | Estimate |
|--|----------|---|----------|
| (#) jurisdictions affected   |          | (#) people requiring food and water   |          |
| (#) partner organizations involved in incident management                  |          | (#) people with access and functional needs (requiring food and water)                                |          |
| (#) people affected  | 40,000   | (#) animals requiring shelter, food, and water  |          |
| (#) people with access and functional needs (affected)                     | 8,000    | (#) people requiring temporary, non-congregate housing  |          |
| (#) people with limited English proficiency affected                       | 2,800    | (#) people with access and functional needs (requiring accessible, temporary, non-congregate housing) |          |
| (#) customers (without water service)                                      |          | (#) people requiring rescue   |          |
| (#) customers (without wastewater service)                                 |          | (#) people requiring medical care   |          |
| (#) customers (without communication service)                              |          | (#) businesses closed due to the incident   |          |
| (#) customers (without power service)                                      |          | (#) affected healthcare facilities and social service organizations                                   |          |
| (#) people requiring evacuation  |          | (#) people requiring long-term housing  |          |
| (#) people with access and functional needs (requiring evacuation)         |          | (#) people with access and functional needs (requiring accessible long-term housing)                  |          |
| (#) miles of road affected   |          | (#) damaged natural and cultural resources and historic properties registered in the jurisdiction     |          |
| (#) hazmat release sites   |          | (#) people requiring screening  |          |
| (#) exposed individuals (hazmat-related incidents)                         |          |   |          |
| (#) fatalities   |          |   |          |
| (#) structure fires  | 60       |   |          |
| (#) people requiring shelter   |          |   |          |
| (#) people with access and functional needs (requiring accessible shelter) |          |   |          |

**Standardized Impact**

| Impact Category   | Estimate |
|---|----------|
| (#) people with access and functional needs (requiring screening) |          |
| (#) personnel   |          |
| (#) priority intelligence stakeholder agencies/entities           |          |

**Non-Standardized Impact Entries**

| Impact Name |
|-------------|
|-------------|

**Source Identification**

| Source Name   | Sources Used to Develop Context Description and Calculate Impacts (Optional) |
|---|--|
| <ul style="list-style-type: none"> <li>- Real-world events</li> <li>- Response plans</li> <li>- Hazard mitigation plans (including Hazard Identification and Risk Assessment)</li> <li>- Subject-matter experts (SMEs)</li> <li>- Exercises</li> <li>- After-Action Reports</li> <li>- County/Municipal THIRAs</li> <li>- Other reports (government, academic, non-profit)</li> <li>- Capability Assessments (such as the SPR)</li> <li>- Resource Inventory</li> </ul> |  |



## Threat/Hazard: Winter Ice Storm

|                          |                                       |                      |
|--------------------------|---------------------------------------|----------------------|
| <b>Category:</b> Natural | <b>Type:</b> Winter Storm / Ice Storm | <b>Terrorism:</b> No |
|--------------------------|---------------------------------------|----------------------|

### Context Description:

A January winter storm system impacted the Midwest region with devastating, widespread moderate to heavy freezing rain that resulted in equally widespread 1-2 inch ice accumulations. Large portions of the state experienced 2-4 inch accumulations causing damage to trees, power lines and power poles. Widespread power outages in Kansas affecting 500,000 people are expected to take weeks to restore.

### Standardized Impact

| Impact Category  | Estimate | Impact Category   | Estimate |
|--|----------|---|----------|
| (#) jurisdictions affected   | 106      | (#) people with access and functional needs (requiring accessible shelter)                            |          |
| (#) partner organizations involved in incident management          |          | (#) people requiring food and water   |          |
| (#) people affected  |          | (#) people with access and functional needs (requiring food and water)                                |          |
| (#) people with access and functional needs (affected)             |          | (#) animals requiring shelter, food, and water  |          |
| (#) people with limited English proficiency affected               |          | (#) people requiring temporary, non-congregate housing  |          |
| (#) customers (without water service)                              |          | (#) people with access and functional needs (requiring accessible, temporary, non-congregate housing) |          |
| (#) customers (without wastewater service)                         |          | (#) people requiring rescue   |          |
| (#) customers (without communication service)                      | 500,000  | (#) people requiring medical care   |          |
| (#) customers (without power service)                              |          | (#) businesses closed due to the incident   |          |
| (#) people requiring evacuation                                    |          | (#) affected healthcare facilities and social service organizations                                   |          |
| (#) people with access and functional needs (requiring evacuation) |          | (#) people requiring long-term housing  |          |
| (#) miles of road affected   |          | (#) people with access and functional needs (requiring accessible long-term housing)                  |          |
| (#) hazmat release sites   |          |   |          |
| (#) exposed individuals (hazmat-related incidents)                 |          |   |          |
| (#) fatalities   |          |   |          |
| (#) structure fires  |          |   |          |
| (#) people requiring shelter                                       |          |   |          |

**Standardized Impact**

| Impact Category   | Estimate |
|---|----------|
| (#) damaged natural and cultural resources and historic properties registered in the jurisdiction |          |
| (#) people requiring screening  |          |
| (#) people with access and functional needs (requiring screening)                                 |          |
| (#) personnel   |          |
| (#) priority intelligence stakeholder agencies/entities   |          |

**Non-Standardized Impact Entries**

| Impact Name |
|-------------|
|-------------|

**Source Identification**

| Source Name  | Sources Used to Develop Context Description and Calculate Impacts (Optional) |
|--|--|
| <ul style="list-style-type: none"> <li>- Real-world events</li> <li>- Response plans</li> <li>- Hazard mitigation plans (including Hazard Identification and Risk Assessment)</li> <li>- Subject-matter experts (SMEs)</li> <li>- Modeling or tools</li> <li>- Exercises</li> <li>- After-Action Reports</li> <li>- County/Municipal THIRAs</li> <li>- Capability Assessments (such as the SPR)</li> <li>- Resource Inventory</li> </ul> |  |



# THIRA Step 3: Capability Targets

## Planning

### Functional Area(s) – Evaluating and Updating Plans; Operational Planning; Whole Community Involvement and Coordination

**Capability Target:**

Within every **1 year(s)**, update all emergency operations plans that define the roles and responsibilities of **16** partner organizations involved in incident management across **106** jurisdictions affected, and the sequence and scope of tasks needed to prevent, protect, mitigate, respond to, and recover from events.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Animal Disease   |                    |



## Public Information and Warning

### Functional Area(s) – Delivering Actionable Guidance; Alerts and Warnings; Culturally and Linguistically Appropriate Messaging; Inclusiveness of the Entire Public

**Capability Target:**

Within **30 minute(s)** notice of an incident, deliver reliable and actionable information to **40000** people affected, including **8000** people with access and functional needs (affected) and **2800** people with limited English proficiency affected.

**Additional context necessary to understanding the capability target (Optional)**

The original target is 15 minutes, as reflected in the maximum requirement. 30 minutes reflects the current capability in terms of timing.

**Maximum Requirement (Optional)**

Within **15 minute(s)** notice of an incident, deliver reliable and actionable information to **40000** people affected, including **8000** people with access and functional needs (affected) and **2800** people with limited English proficiency affected.

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Chemical Hazmat Release 2  |                    |

# Operational Coordination

## Functional Area(s) – Command, Control, and Coordination; National Incident Management System/Incident Command System Compliance; Stakeholder Engagement

### Capability Target:

Within **12 hour(s)** of a potential or actual incident, establish and maintain a unified and coordinated operational structure and process across **6** jurisdictions affected and with **300** partner organizations involved in incident management. Maintain for **3 week(s)**.

### Additional context necessary to understanding the capability target (Optional)

Target time reflects current capabilities in terms of timing; the actual target is 2 hours as reflected in the maximum requirement.

### Maximum Requirement (Optional)

Within **2 hour(s)** of a potential or actual incident, establish and maintain a unified and coordinated operational structure and process across **6** jurisdictions affected and with **300** partner organizations involved in incident management. Maintain for **3 week(s)**.

### Source Identification

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

## Forensics and Attribution

### Functional Area(s) – Attribution Assessments; Crime Scene Preservation and Exploitation; Evidence Collection; Forensic Analysis; Terrorist Investigations

**Capability Target:**

Within \_\_\_\_ of a suspected terrorist attack, conduct outreach to the fusion center and Joint Terrorism Task Force (JTTF) in the community and identify \_\_\_\_ personnel assigned to support follow up information sharing, intelligence analysis, and/or investigative actions associated with the collection, examination, and analysis of evidence, as well as the identification of perpetrators.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
|  |                    |

## Intelligence and Information Sharing

**Functional Area(s) – Analysis of Intelligence and Information; Developing Reports and Products; Disseminating Intelligence and Information; Exploiting and Processing Information; Feedback and Evaluation; Gathering Intelligence**

**Capability Target:**

During steady state, and in conjunction with the fusion center and/or Joint Terrorism Task Force (JTTF), every **1 year(s)**, review ability to effectively execute the intelligence cycle, including the planning, direction, collection, exploitation, processing, analysis, production, dissemination, evaluation, and feedback of available information, and identify the **40** personnel assigned to support execution of the intelligence cycle. Then, within **15 minute(s)** 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 **100** priority intelligence stakeholder agencies/entities in accordance with the intelligence cycle, and all dissemination protocols.

**Additional context necessary to understanding the capability target (Optional)**

40 personnel reflects those directly involved in the intelligence cycle.

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Explosive Devices  |                    |

# Interdiction and Disruption

## Functional Area(s) – Interdicting Cargo, Conveyances, and Persons

**Capability Target:**

Within **5 minute(s)** of the identification or notification of a credible threat, conduct outreach to the fusion center and Joint Terrorism Task Force (JTTF) in the community and identify **100** personnel assigned to support follow up interdiction and disruption activities that may be undertaken against identified suspects and/or contraband.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Explosive Devices  |                    |

# Screening, Search, and Detection

## Functional Area(s) – Screening; Wide-Area Search

**Capability Target:**

Within **4 hour(s)** of notice of a credible threat, conduct screening, search, and detection operations for **30000** people requiring screening, including **6000** people with access and functional needs (requiring screening).

**Additional context necessary to understanding the capability target (Optional)**

[Empty box for additional context]

**Maximum Requirement (Optional)**

[Empty box for maximum requirement]

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context  |
|--|---|
| Explosive Devices  | Planning to add Comprehensive Coordinated Terror Attack to the THIRA as a future threat/hazard scenario, and it would likely be listed as the most challenging one tied to this target. |

# Access Control and Identity Verification

## Functional Area(s) – Verifying Identity

**Capability Target:**

Within **12 hour(s)** of an event, be prepared to accept credentials from **36** partner organizations involved in incident management.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# Cybersecurity

## Functional Area(s) – Guidelines, Regulations, and Standards; Sharing Threat Information

### Capability Target:

Every **1 year(s)**, appropriate authorities review and update cyber incident plans/annexes based on evolving threats covering **14** publicly managed and/or regulated critical infrastructure facilities.

### Additional context necessary to understanding the capability target (Optional)

14 represents the number of MOUs the fusion center has with critical infrastructure structures applicable to cyber.

### Maximum Requirement (Optional)

### Source Identification

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Cyber Attack   |                    |



# Physical Protective Measures

## Functional Area(s) – Physical Security Measures; Site-Specific and Process-Specific Risk Assessments

**Capability Target:**

Within **3 month(s)** of completing a risk and vulnerability assessment, appropriate authorities review and update physical security plans covering **21** publicly managed and/or regulated critical infrastructure facilities to incorporate new information from the assessment.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
|  |                    |

# Risk Management for Protection Programs and Functional Area(s) – Data Collection; Risk Assessment

**Capability Target:**

Every 1 year(s), appropriate authorities conduct a review of relevant physical and cyber threats and hazards, vulnerabilities, and strategies for risk management covering 21 publicly managed and/or regulated critical infrastructure facilities.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
|  |                    |

# Supply Chain Integrity and Security

## Functional Area(s) – Analysis of Supply Chain Dependencies

**Capability Target:**

Every **1 year(s)**, engage **24** partner organizations involved in incident management to promote awareness of threats, dependencies, vulnerabilities, and strategies to support restoration of private sector supply chains.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Animal Disease   |                    |

# Community Resilience

## Functional Area(s) – Communication and Outreach; Education and Skill Building; Partnership Building

**Capability Target:**

Every \_\_\_\_, conduct \_\_\_\_ outreach events or activities to increase awareness of locally significant threats and hazards to help the residents be more prepared to prevent, protect against, mitigate, respond to, and recover from those events.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
|  |                    |

## Functional Area(s) – Understanding the Community; Broadening the Use of Insurance

**Capability Target:**

Within **5 year(s)**, **1006754** households are covered by risk-appropriate insurance, including homeowners, flood, windstorm, and seismic.

**Additional context necessary to understanding the capability target (Optional)**

This is based on a target of 97% of 1,037,891 households in the state (including renter-owned). The current risk-appropriate insurance coverage is 95%.

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
|  |                    |

# Long-term Vulnerability Reduction

## Functional Area(s) – Adopting Vulnerability Reduction Standards and Building Codes; Incorporating Mitigation Measures into Construction and Development

**Capability Target:**

Every **1 year(s)**, **732** jurisdictions review their building codes, and, if necessary, enact or update risk-appropriate, disaster resilient building codes.

**Additional context necessary to understanding the capability target (Optional)**

[Empty text box for additional context]

**Maximum Requirement (Optional)**

[Empty text box for maximum requirement]

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# Risk and Disaster Resilience Assessment

## Functional Area(s) – Modeling and Analysis; Obtaining and Sharing Data

**Capability Target:**

Every **5 year(s)**, after identifying threats and hazards of concern, model the impacts of **3** threat and hazard scenarios to incorporate into planning efforts.

**Additional context necessary to understanding the capability target (Optional)**

Modeling is performed for three threats & hazard scenarios.

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

## Threats and Hazards Identification

### Functional Area(s) – Estimating Frequency and Magnitude; Modeling and Analysis; Stakeholder Collaboration/Coordination

**Capability Target:**

Every \_\_\_\_, engage with \_\_\_\_ jurisdictions and \_\_\_\_ partner organizations involved in incident management to assess the threats and hazards that are realistic and would significantly impact your communities.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
|  |                    |



# Critical Transportation

## Functional Area(s) – Evacuation

**Capability Target:**

Within **30 minute(s)** notice of an incident, complete the evacuation of **10000** people requiring evacuation, including **2000** people with access and functional needs (requiring evacuation).

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Wildland Fire  |                    |

## Functional Area(s) – Debris Removal; Establishing Access

**Capability Target:**

Within **4 hour(s)** of an incident, clear **15** miles of road affected, to enable access for public, private, and non-profit emergency responders.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# Environmental Response/Health and Safety

## Functional Area(s) – Hazardous Material Clean-Up

**Capability Target:**

Within **12 hour(s)** of an incident, assess, contain, and begin cleaning up hazardous material releases from **100** hazmat release sites.

**Additional context necessary to understanding the capability target (Optional)**

The capability target of 100 sites is for an operational level of response. The target is 12 sites for a technical-level response.

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

## Functional Area(s) – Decontamination

**Capability Target:**

Within **1 hour(s)** of a hazmat incident, complete decontamination procedures for **80000** exposed individuals (hazmat-related incidents).

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Chemical Hazmat Release 2  |                    |

# Fatality Management Services

## Functional Area(s) – Body Recovery; Mortuary Services; Victim Identification

**Capability Target:**

Within **48 hour(s)** of an incident, complete the recovery, identification, and mortuary services, including temporary storage services, for **200** fatalities.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# Fire Management and Suppression

## Functional Area(s) – Structural Firefighting

**Capability Target:**

Within **2 hour(s)** of an incident, conduct fire fighting operations to suppress and extinguish **60** structure fires.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Wildland Fire  |                    |

# Logistics and Supply Chain Management

## Functional Area(s) – Resource Management; Resource Delivery

**Capability Target:**

Within **36 hour(s)** of an incident, identify and mobilize life-sustaining commodities, resources, and services to **500** people requiring shelter and **16000** people requiring food and water. Maintain distribution system for **2 week(s)**.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# Mass Care Services

## Functional Area(s) – Relocation Assistance

**Capability Target:**

Within **2 week(s)** of an incident, move **300** people requiring temporary, non-congregate housing, including **60** people with access and functional needs (requiring accessible, temporary, non-congregate housing). from congregate care to temporary housing.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |



## Functional Area(s) – Sheltering; Ensuring Access; Feeding; Hydration; Pets; Resource Distribution

**Capability Target:**

Within **24 hour(s)** of an incident, provide emergency sheltering, food, and water for **500** people requiring shelter and **3000** people requiring food and water, including **100** people with access and functional needs (requiring accessible shelter) and **600** people with access and functional needs (requiring food and water), and **200** animals requiring shelter, food, and water. Maintain for **7 day(s)**.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# Mass Search and Rescue Operations

## Functional Area(s) – Rescue Operations; Search Operations; Community-Based Search and Rescue Support

**Capability Target:**

Within 12 hour(s) of an incident, conduct search and rescue operations for 65 people requiring rescue.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# On-scene Security, Protection, and Law

## Functional Area(s) – Law Enforcement; Protecting Response Personnel; Securing Disaster Areas

**Capability Target:**

Within **2 hour(s)** of an incident, provide security and law enforcement services to protect emergency responders and **30000** people affected.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Explosive Devices  |                    |

# Operational Communications

## Functional Area(s) – Interoperable Communications Between Responders

**Capability Target:**

Within 2 hour(s) of an incident, establish interoperable communications across 6 jurisdictions affected and with 300 partner organizations involved in incident management. Maintain for 90 day(s).

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# Public Health, Healthcare, and Emergency Medical

## Functional Area(s) – Triage and Initial Stabilization; Emergency Medical Services; Definitive Care

**Capability Target:**

Within **12 hour(s)** of an incident, complete triage, begin definitive medical treatment, and transfer to an appropriate facility **650** people requiring medical care.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# Situational Assessment

## Functional Area(s) – Delivering Situation Reports; Stakeholder Engagement

### Capability Target:

Within **30 minute(s)** of incident, and on a **4 hour(s)** cycle thereafter, provide notification to leadership and **16** partner organizations involved in incident management of the current and projected situation. Maintain for **72 hour(s)**.

### Additional context necessary to understanding the capability target (Optional)

### Maximum Requirement (Optional)

Within **15 minute(s)** of incident, and on a **4 hour(s)** cycle thereafter, provide notification to leadership and **16** partner organizations involved in incident management of the current and projected situation. Maintain for **72 hour(s)**.

### Source Identification

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Cyber Attack   |                    |

# Infrastructure Systems

## Functional Area(s) – Power Restoration

**Capability Target:**

Within 7 day(s) of an incident, restore service to 300000 customers (without power service).

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Winter Ice Storm   |                    |

## Functional Area(s) – Communications Systems

**Capability Target:**

Within **7 day(s)** of an incident, restore service to **150000** customers (without communication service).

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |



## Functional Area(s) – Sanitation

**Capability Target:**

Within **2 week(s)** of an incident, restore service to **100000** customers (without wastewater service).

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

## Functional Area(s) – Water Treatment and Provision

**Capability Target:**

Within **2 week(s)** of an incident, restore service to **90000** customers (without water service).

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Chemical Hazmat Release 2  |                    |

# Economic Recovery

## Functional Area(s) – Reopening Businesses

**Capability Target:**

Within **1 month(s)** of an incident, reopen **36** businesses closed due to the incident.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

## Health and Social Services

### Functional Area(s) – Healthcare Facilities and Coalitions; Social Services

**Capability Target:**

Within **6 hour(s)** of an incident, restore functions at **12** affected healthcare facilities and social service organizations.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

# Housing

## Functional Area(s) – Transition from Interim to Permanent/Long-Term Housing; Addressing Housing Shortages; Housing Accessibility

**Capability Target:**

Within **90 day(s)** of an incident, **300** people requiring long-term housing, including **60** people with access and functional needs (requiring accessible long-term housing), find and secure long-term housing.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |

## Natural and Cultural Resources

### Functional Area(s) – Environmental Preservation and Restoration; Historic Preservation; Damage Assessment

**Capability Target:**

Within 1 year(s) of an incident, restore 2 damaged natural and cultural resources and historic properties registered in the jurisdiction.

**Additional context necessary to understanding the capability target (Optional)**

**Maximum Requirement (Optional)**

**Source Identification**

| Which of your identified threats and hazards most challenges ability to achieve this | Additional Context |
|--|--------------------|
| Tornado  |                    |