

2022 THREAT AND HAZARD IDENTIFICATION AND RISK ASSESSMENT (THIRA)

South Texas Development Council

FOR OFFICIAL USE ONLY

Table of Contents

THIRA Overview 4

Threat/Hazards Context and Impacts 6

Capability Targets..... 15

 Planning 15

 Public Information and Warning..... 16

 Operational Coordination..... 17

 Forensics and Attribution..... 18

 Intelligence and Information Sharing 19

 Interdiction and Disruption..... 20

 Screening, Search, and Detection 21

 Access Control and Identity Verification 22

 Cybersecurity 23

 Physical Protective Measures..... 24

 Risk Management for Protection Programs and Activities 25

 Supply Chain Integrity and Security..... 26

 Community Resilience..... 27

 Long-term Vulnerability Reduction..... 28

 Risk and Disaster Resilience Assessment..... 29

 Threats and Hazards Identification 30

 Critical Transportation 31

 Environmental Response/Health and Safety 32

 Fatality Management Services 33

 Fire Management and Suppression..... 34

 Logistics and Supply Chain Management..... 35

 Mass Care Services 36

 Mass Search and Rescue Operations 37

 On-scene Security, Protection, and Law Enforcement..... 38

 Operational Communications 39

 Public Health, Healthcare, and Emergency Medical Services..... 40

 Situational Assessment 41

 Infrastructure Systems..... 42

FOR OFFICIAL USE ONLY

Economic Recovery43
Health and Social Services.....44
Housing.....45
Natural and Cultural Resources.....46

THIRA Overview

The THIRA is a three-step risk assessment that 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 Context and Impacts**
 - Identified threats and hazards

FOR OFFICIAL USE ONLY

- Scenario descriptions
- Standardized impacts
- **THIRA Step 3: Capability Targets**
 - Standardized capability targets

Threat/Hazard Descriptions and Impacts *(add additional scenarios as needed)*

Category	Threat/Hazard Scenario Name	Terrorism?
Natural	Pandemic	No
Scenario Description		
<p>Veterans Elementary in Roma, TX has recently been reporting a high number of positive Covid cases in their 3rd grade wing. Reports come as students are welcomed back in their first week of school from their winter vacation. Numbers have escalated to where 10 students have been experiencing covid symptoms, in just one classroom of 25 students, including runny nose and mild coughing. Absences have increased to 25% school wide. Vaccinations are still limited to adults over 18.</p>		

Standardized Impact Estimates (You have the option to include additional impacts, as needed)			
Impact Category	Estimate	Impact Category	Estimate
Fatalities	10	Partner Organizations Involved In Incident Management	15
People Requiring Medical Care	400	Customers (Without Power Service)	n/a
People Requiring Rescue	n/a	Customers (Without Water Service)	n/a
People Requiring Evacuation	n/a	Customers (Without Communication)	n/a
Exposed Individuals (Hazmat-Related Incidents)	n/a	Structure Fires	n/a
People With Access And Functional Needs (AFN) Affected	110	Miles Of Road Affected	n/a
People With Limited English Proficiency Affected	11,000	Affected Healthcare Facilities And Social Service Organizations	5
People Requiring Food and Water	50	Damaged Natural And Cultural Resources And Historic Properties	n/a
People Requiring Long-Term Housing	n/a	Businesses Closed Due To The Incident	n/a
People Requiring Shelter	n/a	Animals Requiring Shelter, Food, And Water	n/a
Jurisdictions Affected	3		

FOR OFFICIAL USE ONLY

Sources Used to Develop Context Description and Calculate Impacts (Optional)

Scenario context was developed through input from local subject matter experts in the field of public health and various first responder agencies. A workshop was held to update this year's THIRA, where this scenario was developed. The participating SME's (including members in public safety, emergency management, law enforcement, etc.,) concluded that PAFN would be calculated at 2% for our region and that limited English proficiency would be calculated at a 75% for the same area. A lot was assessed using experiences from COVID response.

Category	Threat/Hazard Scenario Name	Terrorism?
Natural	Flood	No

Scenario Description

September 15th, in preparation for Mexico's Independence Holiday festivities, region receive wide flooding along the Rio Grande River due to a major storm up-river causing major releases of water from Amistad Dam located in Del Rio, Texas. Situation is exacerbated by a major local storm in Laredo, Texas (17 inches of rain within a 24-hour period) from the remains of a hurricane in the Rio Grande Valley. Creeks, rivers, and low-lying areas are flooded.

Standardized Impact Estimates (You have the option to include additional impacts, as needed)

Impact Category	Estimate	Impact Category	Estimate
Fatalities	10	Partner Organizations Involved In Incident Management	50
People Requiring Medical Care	30	Customers (Without Power Service)	50,000
People Requiring Rescue	4,000	Customers (Without Water Service)	15,000
People Requiring Evacuation	10,000	Customers (Without Communication)	n/a
Exposed Individuals (Hazmat-Related Incidents)	n/a	Structure Fires	2
People With Access And Functional Needs (AFN) Affected	200	Miles Of Road Affected	150
People With Limited English Proficiency Affected	7,500	Affected Healthcare Facilities And Social Service Organizations	2
People Requiring Food and Water	10,000	Damaged Natural And Cultural Resources And Historic Properties	11
People Requiring Long-Term Housing	1,000	Businesses Closed Due To The Incident	75
People Requiring Shelter	10,000	Animals Requiring Shelter, Food, And Water	100
Jurisdictions Affected	10		

FOR OFFICIAL USE ONLY

Sources Used to Develop Context Description and Calculate Impacts (Optional)

Scenario context was developed through historical references and input from local subject matter experts in a previous planning workshop. During this year's workshop, the participants determined context and impacts were still relevant and applicable. The participating SME's (including members in public safety, emergency management, etc.,) concluded that PAFN would be calculated at 2% for our region and that limited English proficiency would be calculated at a 75% based on the low-income area near the river. Only jurisdictions on or near the river would be affected.

Category	Threat/Hazard Scenario Name	Terrorism?
Technological	Hazardous Material Release	No
Scenario Description		
<p>Train derailment in rail yard located in Laredo, TX (International Rail Bridge) in February while WBCA (Washington's Birthday Celebration Association) Grand Parade is taking place on a Saturday morning between 9am-12pm. Rupture of full tank (900 lbs.) of liquid chlorine (airborne as it becomes a high-pressured gas)' wind speed of 15 mph coming from the SW. There is an estimated 15,000 attendee population and an estimated 10,000 residential/commercial population in a 5-mile area NE of incident.</p>		

Standardized Impact Estimates (You have the option to include additional impacts, as needed)			
Impact Category	Estimate	Impact Category	Estimate
Fatalities	500	Partner Organizations Involved In Incident Management	3
People Requiring Medical Care	2,600	Customers (Without Power Service)	n/a
People Requiring Rescue	150	Customers (Without Water Service)	n/a
People Requiring Evacuation	25,000	Customers (Without Communication)	n/a
Exposed Individuals (Hazmat-Related Incidents)	25,000	Structure Fires	n/a
People With Access And Functional Needs (AFN) Affected	500	Miles Of Road Affected	5 mi. radius
People With Limited English Proficiency Affected	15,000	Affected Healthcare Facilities And Social Service Organizations	3
People Requiring Food and Water	2,000	Damaged Natural And Cultural Resources And Historic Properties	n/a
People Requiring Long-Term Housing	n/a	Businesses Closed Due To The Incident	120
People Requiring Shelter	2,000	Animals Requiring Shelter, Food, And Water	50
Jurisdictions Affected	2		

Sources Used to Develop Context Description and Calculate Impacts (Optional)

Scenario context was developed through input from local subject matter experts in a previous planning workshop. During this year's workshop, the participants updated the context and impacts. The participating SME's (including members in public safety, emergency management, etc.) concluded that PAFN would be calculated at 2% for our region and that limited English proficiency would be calculated at a 60% based on the city and area of the incident. STDC is currently looking into purchasing GIS software to better quantify impacts using a modeling tool.

Category	Threat/Hazard Scenario Name	Terrorism?
Human Caused	Explosives-Attack /Active Shooter	Yes

Scenario Description

Second Saturday of March, Zapata County Sheriff's Office (ZCSO) receives a bomb threat at 9PM at the Zapata County Fair Grounds, while hosting the Zapata County Fair with an attendance of 10,000 people. Shortly after Zapata County Sheriff's Office engages an active shooter wearing a backpack at the Fair Grounds. Subject barricades himself inside ticket office taking 5 people hostage. At that moment ZCSO requests assistance from Laredo SWAT and Laredo Bomb Squad.

Standardized Impact Estimates (You have the option to include additional impacts, as needed)			
Impact Category	Estimate	Impact Category	Estimate
Fatalities	30	Partner Organizations Involved In Incident Management	6
People Requiring Medical Care	500	Customers (Without Power Service)	n/a
People Requiring Rescue	5	Customers (Without Water Service)	n/a
People Requiring Evacuation	10,000	Customers (Without Communication)	n/a
Exposed Individuals (Hazmat-Related Incidents)	n/a	Structure Fires	n/a
People With Access And Functional Needs (AFN) Affected	10	Miles Of Road Affected	n/a
People With Limited English Proficiency Affected	5,000	Affected Healthcare Facilities And Social Service Organizations	3
People Requiring Food and Water	n/a	Damaged Natural And Cultural Resources And Historic Properties	n/a
People Requiring Long-Term Housing	n/a	Businesses Closed Due To The Incident	n/a
People Requiring Shelter	n/a	Animals Requiring Shelter, Food, And Water	n/a
Jurisdictions Affected	1		

FOR OFFICIAL USE ONLY

Sources Used to Develop Context Description and Calculate Impacts (Optional)

Scenario context was derived from the input and expertise of local law enforcement from Zapata County SO and City of Laredo PD through a previous planning workshop. During this year's workshop, the participants updated context and impacts. Other input was also provided from first responders in Zapata County and stakeholders within the region. Limited English proficiency was calculated at 75% of affected based on the location of the incident. Stakeholders agree that the lack of needed resources and the distance to obtain them in this scenario prove true for the majority of jurisdictions in the Region.

Category	Threat/Hazard Scenario Name	Terrorism?
Choose an item.		Choose an item.
Scenario Description		

Standardized Impact Estimates (You have the option to include additional impacts, as needed)			
Impact Category	Estimate	Impact Category	Estimate
Fatalities		Partner Organizations Involved In Incident Management	
People Requiring Medical Care		Customers (Without Power Service)	
People Requiring Rescue		Customers (Without Water Service)	
People Requiring Evacuation		Customers (Without Communication)	
Exposed Individuals (Hazmat-Related Incidents)		Structure Fires	
People With Access And Functional Needs (AFN) Affected		Miles Of Road Affected	
People With Limited English Proficiency Affected		Affected Healthcare Facilities And Social Service Organizations	
People Requiring Food and Water		Damaged Natural And Cultural Resources And Historic Properties	
People Requiring Long-Term Housing		Businesses Closed Due To The Incident	
People Requiring Shelter		Animals Requiring Shelter, Food, And Water	
Jurisdictions Affected			

Sources Used to Develop Context Description and Calculate Impacts (Optional)

Capability Targets

Planning

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within every **5 years** update all emergency operations plans that define the roles and responsibilities of **42** partner organizations involved in incident management across **11 jurisdictions** affected, and the sequence and scope of tasks needed to prevent, protect, mitigate, respond to, and recover from events.

Capability Target Context

The time update of 5 years is based on the state requirement for update however jurisdictions have a yearly review of the EOPs. A worst-case scenario where all 4 counties in the region would be involved was used to determine the number of partner organizations involved incident management. This includes fire departments, law enforcement agencies, special teams, emergency management offices and other state/federal organizations that are involvement in the region. STDC has 11 jurisdictions within its area.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Hazmat

Public Information and Warning

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **[a 30 minute]** notice of an incident, deliver reliable and actionable information to **[400,000]** people affected, including **[8,000]** people with access and functional needs (affected) and **[200,000]** people with limited English proficiency affected.

Capability Target Context

The number above is based on an incident affecting the entire region with an estimated population of 400,000. Our group of SMEs' participating in the planning workshop determined that our region's estimate of PAFN is 2% of the population and that 50% of the regional population has limited English proficiency. However, the incident and location of it could modify the numbers in this core capability.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Pandemic

Operational Coordination

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **[2 hours]** of a potential or actual incident, establish and maintain a unified and coordinated operational structure and process across **[11]** jurisdictions affected and with **[42 agencies]** partner organizations involved in incident management. Maintain for **[1]** day(s).

Capability Target Context

Our region includes 11 jurisdictions, that includes 42 agencies involved in response, law enforcement, emergency management, public health, and state/federal partners. The coordination of agencies within 11 jurisdictions would require the operational structure and process to be maintained for at least 1 day. This context is based on NIMS guidance.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Pandemic

Forensics and Attribution

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **3 hours** of a suspected terrorist attack, conduct outreach to the fusion center and Joint Terrorism Task Force (JTTF) in the community and identify **5** 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.

Capability Target Context

An active shooter/bomb threat scenario would require the identification of personnel to follow up on information sharing and analysis. The incident would be localized and not require a high number of personnel assigned to the incident. However, smaller jurisdiction with even more limited resources need to outsource this capability to state/federal partners.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Explosives-Attack

Intelligence and Information Sharing

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **1 hour** 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 **3** priority intelligence stakeholder agencies/entities in accordance with the intelligence cycle, and all dissemination protocols.

Capability Target Context

The SMEs determined that in a scenario with an active shooter and bomb threat 3 major agencies involved in incident management, 2 local law enforcement agencies and 1 state or federal.

Resources for information sharing include dispatch, telephone communications, and the JOIC.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Explosives-Attack

Interdiction and Disruption

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **3 hour** 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 **11** personnel assigned to support follow up interdiction and disruption activities that may be undertaken against identified suspects and/or contraband.

Capability Target Context

SME's determined that in any scenario in our region would require support from all 11 jurisdictions. Every jurisdiction would assign a lead to follow up interdiction and disruption activities. Specific personnel will depend on actual incident.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Pandemic

Screening, Search, and Detection

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within [4 hours] of notice of a credible threat, conduct screening, search, and detection operations for [10,000] people requiring screening, including [100] people with access and functional needs (requiring screening).

Capability Target Context

This capability was assessed given the maximum capacity of an event center in the Region. SME's determined that location and probable threat would be more indicative of targeting this capability.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Pandemic

Access Control and Identity Verification

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **1 hour** of an event, be prepared to accept credentials from **9** partner organizations involved in incident management.

Capability Target Context

An explosive- active shooter incident will require the prompt mobilization of all resources needed. The SMEs determined that this incident would elevate the priority of this capability. Partner organizations include SWAT, Bomb Squad Units, Sheriff's Office, 1 federal agency, 2 state agencies, and 1 emergency management agency.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Explosives-Attack

Cybersecurity

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Every **year**, appropriate authorities review and update cyber incident plans/annexes based on evolving threats covering **13** publicly managed and/or regulated critical infrastructure facilities.

Capability Target Context

SMEs identified Record Management Systems for 2 local jails, and 11 government offices within the Region that are critical to each entities' function where cyber incidents would be possible.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

n/a

Physical Protective Measures

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **30 days** of completing a risk and vulnerability assessment, appropriate authorities review and update physical security plans covering **15** publicly managed and/or regulated critical infrastructure facilities to incorporate new information from the assessment.

Capability Target Context

Law enforcement agencies within the region will coordinate with federal and Port of Entry (POE) authorities to review physical security plans for 8 international bridges. The international bridges serve as some of the most critical infrastructure to the area and with the most impact based on security and economic factors. However, water plants, electrical facilities, as well as other critical infrastructure is being considered.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Explosives-Attack

Risk Management for Protection Programs and Activities

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Every **month**, appropriate authorities conduct a review of relevant physical and cyber threats and hazards, vulnerabilities, and strategies for risk management covering **8** publicly managed and/or regulated critical infrastructure facilities.

Capability Target Context

It is expected that law enforcement agencies within the region will coordinate the risk management for 8 international bridges (ports of entry located) within the STDC area against any risk or threat.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Explosives-Attack

Supply Chain Integrity and Security

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Every **year**, engage **42** partner organizations involved in incident management to promote awareness of threats, dependencies, vulnerabilities, and strategies to support restoration of private sector supply chains.

Capability Target Context

The SMEs estimated the number organizations to include law enforcement, first responder, state, federal and public/private agencies that are active in incident management in the region.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Pandemic

Community Resilience

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Every **year**, conduct **5** 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.

Capability Target Context

Typically, each jurisdiction has a least one event that includes awareness to either natural, technological, or man-made threats, however not all. The goal for the region is to include another event that covers all mission areas and brings in more participation.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood

Long-term Vulnerability Reduction

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Every **year**, **11** jurisdictions review their building codes, and, if necessary, enact or update risk-appropriate, disaster resilient building codes.

Capability Target Context

Review is averaged to be on a yearly basis for most jurisdictions. However, any official enactment or update is up to each jurisdiction's governing body.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood

Risk and Disaster Resilience Assessment

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

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

Capability Target Context

Although the COG already identifies hazards on Natural, Technological, Biological, and Man-made threats. Partner in Region would like to expand on these in the next 3 years by adding another natural hazard and one associated with Cybersecurity.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Haz-Mat

Threats and Hazards Identification

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Every **year**, engage with **11** jurisdictions and **5** partner organizations involved in incident management to assess the threats and hazards that are realistic and would significantly impact your communities.

Capability Target Context

Numbers are based on annual workshops hosted by the COG to assess risks and threats (whether natural or man-made) within the region. All jurisdictions within are invited to participate, as well as state, federal, and private/public organizations.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Haz-Mat

Critical Transportation

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **72 hours**' notice of an impending incident, complete the evacuation of **6,000** people requiring evacuation, including **120** people with access and functional needs (requiring evacuation).

Within **24 hours** of an incident, clear **150** miles of road affected, to enable access for emergency responders, including private and non-profit.

Capability Target Context

The region's vulnerability to river flooding places residents near the river on the flood zone. Residents in 3 counties would require evacuation. SME's estimated this based on a flood related worst case scenario. The estimated PAFN population for our Region is 2%. The 152 miles are based on the run of US Hwy 83 through our COG.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood

Environmental Response/Health and Safety

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **6 hours** of an incident, assess, contain, and begin cleaning up hazardous material releases from **1** hazmat release sites.

Within **1 hour** of a hazmat incident, complete decontamination procedures for **10** exposed individuals (hazmat-related incidents).

Capability Target Context

The SME's used the Hazmat scenario and location to build numbers in the capability targets. A haz-mat release in a highly populated area would require the use of all our resources. The decontamination numbers include people exposed within a 5 mi. and first responders in the area. The numbers above are people with direct contact.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Haz-Mat

Fatality Management Services

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **[24 hours]** of an incident, complete the recovery, identification, and mortuary services, including temporary storage services, for **[50]** fatalities.

Capability Target Context

The SME's used the Hazmat to analyze and develop this core capability. The SME's extended the time to 72 hours because a worst-case scenario in our area would include either a rollover (truck or train) and the NTSB would need to be contacted. The number of fatalities is estimated with the number of people directly exposed within a 5-mile radius.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Haz-Mat

Fire Management and Suppression

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **30 minutes** of an incident, conduct firefighting operations to suppress and extinguish **2** structure fires.

Capability Target Context

The group of SMEs determined that using the establish scenarios, a flood would be the only type of incident to cause a possibility of structural fires. Those can arise from any electrical fires or malfunctions to gas & oil machinery. Brush/wildland fires are more common in our region due to our rural geographic area creating a greater threat. However, due to the structure of the capability target, the SMEs considered the previous scenario.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood

Logistics and Supply Chain Management

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **24 hours** of an incident, identify and mobilize life-sustaining commodities, resources, and services to **1,000** people requiring shelter and **1,000** people requiring food and water. Maintain distribution system for **1 week**.

Capability Target Context

This capability target tests the region's capability to mobilize resources and services for people displaced over a 24-hour period. Although it is estimated that a flood scenario would affect an approximate 6,000 in the region (those with proximity to the river), only 1,000 require shelter and sustenance as most displaced people resort to relatives.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood

Mass Care Services

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **4 hours** of an incident, provide emergency sheltering, food, and water for **1,000** people requiring shelter and **1,000** people requiring food and water, including **20** people with access and functional needs (requiring accessible shelter) and **20** people with access and functional needs (requiring food and water), and **0** animals requiring shelter, food, and water. Maintain for **6 hours**.

Within **24 hours** of an incident, move **500** people requiring temporary, non-congregate housing, including **10** people with access and functional needs (requiring accessible, temporary, non-congregate housing), from congregate care to temporary housing.

Capability Target Context

A mass casualty incident such as a chemical spill in a densely populated area would cause the immediate activation of all available resources in the area. Mass care for our region is focused on the medical care resources needed for people exposed to the chemical. Although 17,500 (70%) of people are expected to be exposed in this scenario, the SMEs estimate that only 1,000 would need immediate medical care. Housing and shelter would be highly focused on the elderly population in the area who would be displaced or in critical condition.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Haz-Mat

Mass Search and Rescue Operations

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **24 hour** of an incident, conduct search and rescue operations for **500** people requiring rescue.

Capability Target Context

Although door-to-door inspections can happen pretty fast, this capability is based on the rural geographic location. Some residences are sparsely located and will slow the search rate.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Haz-Mat

On-scene Security, Protection, and Law Enforcement

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **1 hour** of an incident, provide security and law enforcement services to protect emergency responders and **1,000** people affected.

Capability Target Context

This target aims to establish a quick response, with limited planning time, for a concentrated population that would require LE support in an immediate timeframe. SMEs determined that an exposed crowd of 25,000 people would have at least an affected population of 70% due to the location of the threat.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Haz-Mat

Operational Communications

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **1 hour** of an incident, establish interoperable communications across **3 jurisdictions** affected and with **8** partner organizations involved in incident management. Maintain for **12 hours**.

Capability Target Context

Based on SOPs and RICP documents, SMEs determined that a multi-agency scenario with local, state, and federal partners would provide a test to the region's communications capability. These agencies include members of bomb squad units, SWAT, county LE, and local EMS/ first responders.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Explosives-Attack

Public Health, Healthcare, and Emergency Medical Services

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

*Within **[3 hours]** of an incident, complete triage, begin definitive medical treatment, and transfer to an appropriate facility **[50]** people requiring medical care.*

Capability Target Context

The estimated number from previous incidents involving pursuits that ended in roll overs involving migrants or some form of trafficking. Most of these incidents occur in rural areas where resources are not readily available.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Pandemic

Situational Assessment

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **15 minutes** of incident, and on an **hourly** cycle thereafter, provide notification to leadership and **42** partner organizations involved in incident management of the current and projected situation. Maintain for **24 hours**.

Capability Target Context

The 15-minute timeframe is derived from ICS initiation guidelines and to remain in place at for at least 24 hours or until incident is stabilized. Partner organizations include Emergency Management Offices, first responder/ LE agencies, and state/federal partners.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood

Infrastructure Systems

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **1 week** of an incident, restore service to **50,000** customers without water service.

Within **1 week** of an incident, restore service to **100,000** customers without wastewater service.

Within **1 week** of an incident, restore service to **50,000** customers without communication service.

Within **2 weeks** of an incident, restore service to **150,000** customers without electricity service.

Capability Target Context

STDC has 10 jurisdictions along the Rio Grande River. Flooding can and has had major impacts to infrastructure systems since most water and electricity plants are located near the river. The target is based on a mix of the timeframe and quantity of customers. Previous incidents have kept a smaller number of customers without power for longer. This target aims to shorten the timeframe for a larger number of customers. Numbers were based on the impact to 9 water plants/systems, 4 wastewater plants, 2 electric providers and several communication service providers.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood

Economic Recovery

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within 1 month of an incident, reopen 500 businesses closed due to the incident.

Capability Target Context

SMEs determined that a river flood would have a greater impact to the region's economy as assessment, debris removal, and reconstruction would keep businesses closed longer. It was estimated that a total of 950 businesses are located near or on the flood zone. This includes outlet malls, shopping centers, and major retailers.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Haz-Mat

Health and Social Services

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **1 month** of an incident, restore functions at 8 affected healthcare facilities and social service organizations.

Capability Target Context

SMEs determined that a river flood would have a greater impact to the region's economy as assessment, debris removal, and reconstruction would keep businesses closed longer. It was estimated that a total of 950 businesses are located near or on the flood zone. This includes outlet malls, shopping centers, and major retailers.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood

Housing

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

*Within **[1 week]** of an incident, **[150]** people requiring long-term housing, including **[3]** people with access and functional needs (requiring accessible long-term housing), find and secure long-term housing.*

Capability Target Context

The region's vulnerability to river flooding places residents near the river on the flood zone. Residents in 3 counties run the risk of displacement and condemned homes. The region's SMEs estimated the number of residents affected using a 2% for PAFN population.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood

Natural and Cultural Resources

Capability Target (what the region reasonably expects to achieve in the next 3-5 years)

Within **1 year** of an incident, restore **12** damaged natural and cultural resources and historic properties registered in the jurisdiction.

Capability Target Context

The region's location to the Rio Grande River and the historical flash flooding is the highest threat to the region's natural, cultural, and historical resources. Most of the resources listed above are located near the river or in flash flood areas. This includes state parks, birding centers and other historical landmarks.

Which of your identified threats and hazards most challenges the region's ability to achieve this capability target?

Flood