



**Illinois Emergency Management Agency
Threat and Hazard Identification and Risk Assessment
(THIRA)**



Revision: 1.30.17

Region	3	Date	February 28, 2018
Jurisdiction	Kankakee County	Organization	Kankakee County EMA

Risk Assessment Ranking for Jurisdiction

Key for Risk Assessment Ranking Table: (The hazard and risk percentage boxes are auto-calculated.)

The Hazard selected will be highlighted by the amount of Risk from the Threat/Hazard Risk Assessment:
LOW: 1%-20% GUARDED: 21%-40% ELEVATED: 41%-60% HIGH: 61%-80% SEVERE: 81%-100%

LOW		GUARDED		ELEVATED		HIGH		SEVERE	
HAZARD	Tornado			THREAT	ELEVATED		RISK	43%	
HAZARD	Power Outage			THREAT	LOW		RISK	7%	
HAZARD	Winter Storm			THREAT	GUARDED		RISK	23%	
HAZARD	Flood			THREAT	GUARDED		RISK	27%	
HAZARD	Airplane Crash			THREAT	LOW		RISK	8%	
HAZARD	Train Derailment			THREAT	LOW		RISK	13%	
HAZARD	Radiological Release			THREAT	LOW		RISK	7%	
HAZARD	Hazard Materials Release			THREAT	LOW		RISK	12%	
HAZARD	School Violence			THREAT	LOW		RISK	7%	
HAZARD				THREAT			RISK	0%	

Threat and Hazard Assessment

Directions Threat/ Hazard Group:

Select the Threat/Hazard Group (Natural, Technological/ or Human-Caused) in the box below. (Completes the Step 1 of [CPG 201](#) THIRA Process.)

Threat/Hazard Group	Natural
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Directions Threat/ Hazard Type:

Select the Threat/Hazard Type ([Tornado](#), [Civil Disorder](#), etc.) in the box below. (Completes the Step 1 of [CPG 201](#) THIRA Process.)

Threat/Hazard Type	Tornado
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Threat and Hazard Context Description

Directions for Threat and Hazard Context Description:

Describe the threats and hazards of concern, showing how they may affect the community; including historical evidence (50 years) and context description. Context descriptions outline the conditions, including time and location, under which a threat or hazard might occur. (This completes the Step 2 of the CPG 201 THIRA Process. Reference [CPG 201](#) and the [Core Capabilities](#))

Historical Evidence

Kankakee County has had numerous Tornadoes spotted over a span of 50 years.

Context Description	
<p>At 1pm on a weekday in April a wedge tornado is spotted on the ground just west of the City of Kankakee heading northeast towards the Village of Bradley. Damage is expected to both hospitals, schools and numerous residential neighborhoods.</p>	
Threat/Hazard Risk Assessment	
<p>Probability: Likelihood this will occur. Select the likelihood that this Threat/Hazard will occur in your jurisdiction. Low = 1% to 20% probability of occurrence in the next year Guarded = 21% to 40% probability of occurrence in the next year Elevated = 41% to 60% probability of occurrence in the next year High = 61% to 80% probability of occurrence in the next year Severe = 81% to 100% probability of occurrence in the next year</p>	High
<p>Human Impact: Possibility of death or injury Select the vulnerability of the population living in or near the hazard area. Low = 1% to 20% of the total population of the jurisdiction. Guarded = 21% to 40% of the total population of the jurisdiction. Elevated = 41% to 60% of the total population of the jurisdiction. High = 61% to 80% of the total population of the jurisdiction. Severe = 81% to 100% of the total population of the jurisdiction.</p>	Elevated
<p>Property Impact: Physical losses and damages Select the vulnerability of the losses and damages to personal and government property. Low = 1% to 20% of the community and government affected. Guarded = 21% to 40% of the community and government affected. Elevated = 41% to 60% of the community and government affected. High = 61% to 80% of the community and government affected. Severe = 81% to 100% of the community and government affected.</p>	Elevated
<p>Business Impact: Interruption of Services Select the vulnerability of the losses and damages to businesses and stoppage of business due to the Threat/ Hazard. Low = 1% to 20% of business affected. Guarded = 21% to 40% of business affected. Elevated = 41% to 60% of business affected. High = 61% to 80% of business affected Severe = 81% to 100% of business affected</p>	Elevated
<p>Preparedness: Pre-planning Select the level of planning and training that has occurred to respond to the Threat/Hazard. Low = Minimal or Outdated (<i>more than 4 years old</i>) plans for dealing with the Threat/Hazard. Moderate = Plans are completed, but are being revised and not tested to deal with the Threat/Hazard. High = Plans are completed, tested, and ready to respond to Threat/Hazard.</p>	High
<p>Internal Response: Time, effectiveness, resources <i>(Resources Within your Jurisdiction)</i> Select the level of Local Response Capabilities in your Jurisdiction to responding to the Threat/Hazard. Low = Minimal capabilities to respond without substantial mutual aid to the Threat/Hazard. Moderate = Have the capabilities to respond with additional aid to the Threat/Hazard. High = Fully meet the capabilities to respond to the Threat/Hazard.</p>	Moderate
<p>External Response: Community, Mutual Aid Staff, Supplies <i>(Resources Outside your Jurisdiction)</i> Select what level of Mutual Aid Agreements your Jurisdiction maintains, coordination with volunteer organizations, and agreements with private industry. Low = Minimal level of mutual aid with other jurisdictions, no coordination with volunteer organizations, or private industry. Moderate = Some mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry. High = Substantial level of mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.</p>	High
<p>Risk: Relative Threat (1-100%,Threat increases with percentage) The Risk for the Threat/ Hazard is automatically calculated from the choices made in the questions above, using a weighted calculation.</p>	43%
Save Form	

Add Another Hazard Assessment	
Remove this Hazard Assessment	
View Risk Assessment Ranking Table	
Threat and Hazard Assessment	
Directions Threat/ Hazard Group: Select the Threat/Hazard Group (Natural, Technological/ or Human-Caused) in the box below. (Completes the Step 1 of CPG 201 THIRA Process.)	
Threat/Hazard Group	Technological
Directions Threat/ Hazard Type: Select the Threat/Hazard Type (Tornado, Civil Disorder,etc.) in the box below. (Completes the Step 1 of CPG 201 THIRA Process.)	
Threat/Hazard Type	Power Outage
Threat and Hazard Context Description	
Directions for Threat and Hazard Context Description: Describe the threats and hazards of concern, showing how they may affect the community; including historical evidence (50 years) and context description. Context descriptions outline the conditions, including time and location, under which a threat or hazard might occur. (This completes the Step 2 of the CPG 201 THIRA Process. Reference CPG 201 and the Core Capabilities)	
Historical Evidence	
Kankakee County has experienced numerous power outages over the past 50 years.	
Context Description	
At 1pm on a weekday in April a Severe Thunderstorm came through Kankakee County. The storm contained over 60mph winds causing power outages all across the county. Hospitals and nursing homes lost power as well as all businesses in the Bradley/ Bourbonnais area.	
Threat/Hazard Risk Assessment	
Probability: Likelihood this will occur. Select the likelihood that this Threat/Hazard will occur in your jurisdiction. Low = 1% to 20% probability of occurrence in the next year Guarded = 21% to 40% probability of occurrence in the next year Elevated = 41% to 60% probability of occurrence in the next year High = 61% to 80% probability of occurrence in the next year Severe = 81% to 100% probability of occurrence in the next year	Low
Human Impact: Possibility of death or injury Select the vulnerability of the population living in or near the hazard area. Low = 1% to 20% of the total population of the jurisdiction. Guarded = 21% to 40% of the total population of the jurisdiction. Elevated = 41% to 60% of the total population of the jurisdiction. High = 61% to 80% of the total population of the jurisdiction. Severe = 81% to 100% of the total population of the jurisdiction.	Low
Property Impact: Physical losses and damages Select the vulnerability of the losses and damages to personal and government property. Low = 1% to 20% of the community and government affected. Guarded = 21% to 40% of the community and government affected. Elevated = 41% to 60% of the community and government affected. High = 61% to 80% of the community and government affected. Severe = 81% to 100% of the community and government affected.	Guarded

Business Impact: Interruption of Services Select the vulnerability of the losses and damages to businesses and stoppage of business due to the Threat/ Hazard. Low = 1% to 20% of business affected. Guarded = 21% to 40% of business affected. Elevated = 41% to 60% of business affected. High = 61% to 80% of business affected Severe = 81% to 100% of business affected	Guarded
Preparedness: Pre-planning Select the level of planning and training that has occurred to respond to the Threat/Hazard. Low = Minimal or Outdated (<i>more than 4 years old</i>) plans for dealing with the Threat/Hazard. Moderate = Plans are completed, but are being revised and not tested to deal with the Threat/Hazard. High = Plans are completed, tested, and ready to respond to Threat/Hazard.	High
Internal Response: Time, effectiveness, resources <i>(Resources Within your Jurisdiction)</i> Select the level of Local Response Capabilities in your Jurisdiction to responding to the Threat/Hazard. Low = Minimal capabilities to respond without substantial mutual aid to the Threat/Hazard. Moderate = Have the capabilities to respond with additional aid to the Threat/Hazard. High = Fully meet the capabilities to respond to the Threat/Hazard.	High
External Response: Community, Mutual Aid Staff, Supplies <i>(Resources Outside your Jurisdiction)</i> Select what level of Mutual Aid Agreements your Jurisdiction maintains, coordination with volunteer organizations, and agreements with private industry. Low = Minimal level of mutual aid with other jurisdictions, no coordination with volunteer organizations, or private industry. Moderate = Some mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry. High = Substantial level of mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.	Moderate
Risk: Relative Threat (1-100%,Threat increases with percentage) The Risk for the Threat/ Hazard is automatically calculated from the choices made in the questions above, using a weighted calculation.	7%
Save Form	
Add Another Hazard Assessment	
Remove this Hazard Assessment	
View Risk Assessment Ranking Table	
Threat and Hazard Assessment	
Directions Threat/ Hazard Group: Select the Threat/Hazard Group (Natural, Technological/ or Human-Caused) in the box below. <i>(Completes the Step 1 of CPG 201 THIRA Process.)</i>	
Threat/Hazard Group	Natural
Directions Threat/ Hazard Type: Select the Threat/Hazard Type (Tornado , Civil Disorder ,etc.) in the box below. <i>(Completes the Step 1 of CPG 201 THIRA Process.)</i>	
Threat/Hazard Type	Winter Storm
Threat and Hazard Context Description	
Directions for Threat and Hazard Context Description: Describe the threats and hazards of concern, showing how they may affect the community; including historical evidence (50 years) and context description. Context descriptions outline the conditions, including time and location, under which a threat or hazard might occur. <i>(This completes the Step 2 of the CPG 201 THIRA Process. Reference CPG 201 and the Core Capabilities)</i>	
Historical Evidence	
Kankakee County has experienced numerous winter storm events over the past 50 years.	
Context Description	

At 5am on a weekday in January a winter storm passed through Kankakee County dropping over a foot of snow on the ground.

Threat/Hazard Risk Assessment

Probability: Likelihood this will occur.

Select the likelihood that this Threat/Hazard will occur in your jurisdiction.

Low = 1% to 20% probability of occurrence in the next year

Guarded = 21% to 40% probability of occurrence in the next year

Elevated = 41% to 60% probability of occurrence in the next year

High = 61% to 80% probability of occurrence in the next year

Severe = 81% to 100% probability of occurrence in the next year

High

Human Impact: Possibility of death or injury

Select the vulnerability of the population living in or near the hazard area.

Low = 1% to 20% of the total population of the jurisdiction.

Guarded = 21% to 40% of the total population of the jurisdiction.

Elevated = 41% to 60% of the total population of the jurisdiction.

High = 61% to 80% of the total population of the jurisdiction.

Severe = 81% to 100% of the total population of the jurisdiction.

Low

Property Impact: Physical losses and damages

Select the vulnerability of the losses and damages to personal and government property.

Low = 1% to 20% of the community and government affected.

Guarded = 21% to 40% of the community and government affected.

Elevated = 41% to 60% of the community and government affected.

High = 61% to 80% of the community and government affected.

Severe = 81% to 100% of the community and government affected.

Low

Business Impact: Interruption of Services

Select the vulnerability of the losses and damages to businesses and stoppage of business due to the Threat/ Hazard.

Low = 1% to 20% of business affected.

Guarded = 21% to 40% of business affected.

Elevated = 41% to 60% of business affected.

High = 61% to 80% of business affected

Severe = 81% to 100% of business affected

Guarded

Preparedness: Pre-planning

Select the level of planning and training that has occurred to respond to the Threat/Hazard.

Low = Minimal or Outdated (*more than 4 years old*) plans for dealing with the Threat/Hazard.

Moderate = Plans are completed, but are being revised and not tested to deal with the Threat/Hazard.

High = Plans are completed, tested, and ready to respond to Threat/Hazard.

High

Internal Response: Time, effectiveness, resources**(Resources Within your Jurisdiction)**

Select the level of Local Response Capabilities in your Jurisdiction to responding to the Threat/Hazard.

Low = Minimal capabilities to respond without substantial mutual aid to the Threat/Hazard.

Moderate = Have the capabilities to respond with additional aid to the Threat/Hazard.

High = Fully meet the capabilities to respond to the Threat/Hazard.

High

External Response: Community, Mutual Aid Staff, Supplies**(Resources Outside your Jurisdiction)**

Select what level of Mutual Aid Agreements your Jurisdiction maintains, coordination with volunteer organizations, and agreements with private industry.

Low = Minimal level of mutual aid with other jurisdictions, no coordination with volunteer organizations, or private industry.

Moderate = Some mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.

High = Substantial level of mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.

High

Risk: Relative Threat (1-100%,Threat increases with percentage)

The Risk for the Threat/ Hazard is automatically calculated from the choices made in the questions above, using a weighted calculation.

23%

Save Form

Add Another Hazard Assessment

Remove this Hazard Assessment**View Risk Assessment Ranking Table****Threat and Hazard Assessment****Directions Threat/ Hazard Group:**

Select the Threat/Hazard Group (Natural, Technological/ or Human-Caused) in the box below. (Completes the Step 1 of [CPG 201 THIRA Process](#).)

Threat/Hazard Group**Natural****Directions Threat/ Hazard Type:**

Select the Threat/Hazard Type ([Tornado](#), [Civil Disorder, etc.](#)) in the box below. (Completes the Step 1 of [CPG 201 THIRA Process](#).)

Threat/Hazard Type**Flood****Threat and Hazard Context Description****Directions for Threat and Hazard Context Description:**

Describe the threats and hazards of concern, showing how they may affect the community; including historical evidence (50 years) and context description. Context descriptions outline the conditions, including time and location, under which a threat or hazard might occur. (This completes the Step 2 of the [CPG 201 THIRA Process](#). Reference [CPG 201](#) and the [Core Capabilities](#))

Historical Evidence

Over the past 50 years the Kankakee River has been, on average, above flood stage twice per year.

Context Description

Due to the heavy rains during the month of June the Kankakee River has reached a flood stage of 7.3 feet which is 2.3 feet above flood stage. Numerous homes/businesses have to be evacuated along the riverfront as well as numerous road closures.

Threat/Hazard Risk Assessment**Probability: Likelihood this will occur.**

Select the likelihood that this Threat/Hazard will occur in your jurisdiction.

Low = 1% to 20% probability of occurrence in the next year

Guarded = 21% to 40% probability of occurrence in the next year

Elevated = 41% to 60% probability of occurrence in the next year

High = 61% to 80% probability of occurrence in the next year

Severe = 81% to 100% probability of occurrence in the next year

High**Human Impact: Possibility of death or injury**

Select the vulnerability of the population living in or near the hazard area.

Low = 1% to 20% of the total population of the jurisdiction.

Guarded = 21% to 40% of the total population of the jurisdiction.

Elevated = 41% to 60% of the total population of the jurisdiction.

High = 61% to 80% of the total population of the jurisdiction.

Severe = 81% to 100% of the total population of the jurisdiction.

Low**Property Impact: Physical losses and damages**

Select the vulnerability of the losses and damages to personal and government property.

Low = 1% to 20% of the community and government affected.

Guarded = 21% to 40% of the community and government affected.

Elevated = 41% to 60% of the community and government affected.

High = 61% to 80% of the community and government affected.

Severe = 81% to 100% of the community and government affected.

Guarded**Business Impact: Interruption of Services**

Select the vulnerability of the losses and damages to businesses and stoppage of business due to the Threat/ Hazard.

Low = 1% to 20% of business affected.

Guarded = 21% to 40% of business affected.

Elevated = 41% to 60% of business affected.

High = 61% to 80% of business affected

Severe = 81% to 100% of business affected

Guarded

Preparedness: Pre-planning Select the level of planning and training that has occurred to respond to the Threat/Hazard. Low = Minimal or Outdated (<i>more than 4 years old</i>) plans for dealing with the Threat/Hazard. Moderate = Plans are completed, but are being revised and not tested to deal with the Threat/Hazard. High = Plans are completed, tested, and ready to respond to Threat/Hazard.	High
Internal Response: Time, effectiveness, resources <i>(Resources Within your Jurisdiction)</i> Select the level of Local Response Capabilities in your Jurisdiction to responding to the Threat/Hazard. Low = Minimal capabilities to respond without substantial mutual aid to the Threat/Hazard. Moderate = Have the capabilities to respond with additional aid to the Threat/Hazard. High = Fully meet the capabilities to respond to the Threat/Hazard.	High
External Response: Community, Mutual Aid Staff, Supplies <i>(Resources Outside your Jurisdiction)</i> Select what level of Mutual Aid Agreements your Jurisdiction maintains, coordination with volunteer organizations, and agreements with private industry. Low = Minimal level of mutual aid with other jurisdictions, no coordination with volunteer organizations, or private industry. Moderate = Some mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry. High = Substantial level of mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.	High
Risk: Relative Threat (1-100%,Threat increases with percentage) The Risk for the Threat/ Hazard is automatically calculated from the choices made in the questions above, using a weighted calculation.	27%
Save Form	
Add Another Hazard Assessment	
Remove this Hazard Assessment	
View Risk Assessment Ranking Table	
Threat and Hazard Assessment	
Directions Threat/ Hazard Group: Select the Threat/Hazard Group (Natural, Technological/ or Human-Caused) in the box below. (Completes the Step 1 of CPG 201 THIRA Process.)	
Threat/Hazard Group	Technological
Directions Threat/ Hazard Type: Select the Threat/Hazard Type (Tornado, Civil Disorder,etc.) in the box below. (Completes the Step 1 of CPG 201 THIRA Process.)	
Threat/Hazard Type	Airplane Crash
Threat and Hazard Context Description	
Directions for Threat and Hazard Context Description: Describe the threats and hazards of concern, showing how they may affect the community; including historical evidence (50 years) and context description. Context descriptions outline the conditions, including time and location, under which a threat or hazard might occur. (This completes the Step 2 of the CPG 201 THIRA Process. Reference CPG 201 and the Core Capabilities)	
Historical Evidence	
Kankakee County has experienced 3 airplane crashes within the last 20 years.	
Context Description	
An airplane crashed into the county jail upon attempting to land at the Kankakee Airport.	
Threat/Hazard Risk Assessment	

Probability: Likelihood this will occur. Select the likelihood that this Threat/Hazard will occur in your jurisdiction. Low = 1% to 20% probability of occurrence in the next year Guarded = 21% to 40% probability of occurrence in the next year Elevated = 41% to 60% probability of occurrence in the next year High = 61% to 80% probability of occurrence in the next year Severe = 81% to 100% probability of occurrence in the next year	Low
Human Impact: Possibility of death or injury Select the vulnerability of the population living in or near the hazard area. Low = 1% to 20% of the total population of the jurisdiction. Guarded = 21% to 40% of the total population of the jurisdiction. Elevated = 41% to 60% of the total population of the jurisdiction. High = 61% to 80% of the total population of the jurisdiction. Severe = 81% to 100% of the total population of the jurisdiction.	Low
Property Impact: Physical losses and damages Select the vulnerability of the losses and damages to personal and government property. Low = 1% to 20% of the community and government affected. Guarded = 21% to 40% of the community and government affected. Elevated = 41% to 60% of the community and government affected. High = 61% to 80% of the community and government affected. Severe = 81% to 100% of the community and government affected.	Guarded
Business Impact: Interruption of Services Select the vulnerability of the losses and damages to businesses and stoppage of business due to the Threat/ Hazard. Low = 1% to 20% of business affected. Guarded = 21% to 40% of business affected. Elevated = 41% to 60% of business affected. High = 61% to 80% of business affected Severe = 81% to 100% of business affected	Low
Preparedness: Pre-planning Select the level of planning and training that has occurred to respond to the Threat/Hazard. Low = Minimal or Outdated (<i>more than 4 years old</i>) plans for dealing with the Threat/Hazard. Moderate = Plans are completed, but are being revised and not tested to deal with the Threat/Hazard. High = Plans are completed, tested, and ready to respond to Threat/Hazard.	Moderate
Internal Response: Time, effectiveness, resources <i>(Resources Within your Jurisdiction)</i> Select the level of Local Response Capabilities in your Jurisdiction to responding to the Threat/Hazard. Low = Minimal capabilities to respond without substantial mutual aid to the Threat/Hazard. Moderate = Have the capabilities to respond with additional aid to the Threat/Hazard. High = Fully meet the capabilities to respond to the Threat/Hazard.	Moderate
External Response: Community, Mutual Aid Staff, Supplies <i>(Resources Outside your Jurisdiction)</i> Select what level of Mutual Aid Agreements your Jurisdiction maintains, coordination with volunteer organizations, and agreements with private industry. Low = Minimal level of mutual aid with other jurisdictions, no coordination with volunteer organizations, or private industry. Moderate = Some mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry. High = Substantial level of mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.	Moderate
Risk: Relative Threat (1-100%,Threat increases with percentage) The Risk for the Threat/ Hazard is automatically calculated from the choices made in the questions above, using a weighted calculation.	8%
Save Form	
Add Another Hazard Assessment	
Remove this Hazard Assessment	
View Risk Assessment Ranking Table	
Threat and Hazard Assessment	
Directions Threat/ Hazard Group: Select the Threat/Hazard Group (Natural, Technological/ or Human-Caused) in the box below. (Completes the Step 1 of CPG 201 THIRA Process .)	

Threat/Hazard Group	Technological
Directions Threat/ Hazard Type: Select the Threat/Hazard Type (Tornado , Civil Disorder,etc.) in the box below. <i>(Completes the Step 1 of CPG 201 THIRA Process.)</i>	
Threat/Hazard Type	Train Derailment
Threat and Hazard Context Description	
Directions for Threat and Hazard Context Description: Describe the threats and hazards of concern, showing how they may affect the community; including historical evidence (50 years) and context description. Context descriptions outline the conditions, including time and location, under which a threat or hazard might occur. <i>(This completes the Step 2 of the CPG 201 THIRA Process. Reference CPG 201 and the Core Capabilities)</i>	
Historical Evidence	
Kankakee County experienced the derailment of the City of New Orleans Amtrak train in 1999. 11 people were killed and 122 were injured.	
Context Description	
While traveling through Kankakee County the City of New Orleans Amtrak train derailed in Bourbonnais, IL causing numerous injuries and deaths.	
Threat/Hazard Risk Assessment	
Probability: Likelihood this will occur. Select the likelihood that this Threat/Hazard will occur in your jurisdiction. Low = 1% to 20% probability of occurrence in the next year Guarded = 21% to 40% probability of occurrence in the next year Elevated = 41% to 60% probability of occurrence in the next year High = 61% to 80% probability of occurrence in the next year Severe = 81% to 100% probability of occurrence in the next year	Guarded
Human Impact: Possibility of death or injury Select the vulnerability of the population living in or near the hazard area. Low = 1% to 20% of the total population of the jurisdiction. Guarded = 21% to 40% of the total population of the jurisdiction. Elevated = 41% to 60% of the total population of the jurisdiction. High = 61% to 80% of the total population of the jurisdiction. Severe = 81% to 100% of the total population of the jurisdiction.	Low
Property Impact: Physical losses and damages Select the vulnerability of the losses and damages to personal and government property. Low = 1% to 20% of the community and government affected. Guarded = 21% to 40% of the community and government affected. Elevated = 41% to 60% of the community and government affected. High = 61% to 80% of the community and government affected. Severe = 81% to 100% of the community and government affected.	Guarded
Business Impact: Interruption of Services Select the vulnerability of the losses and damages to businesses and stoppage of business due to the Threat/ Hazard. Low = 1% to 20% of business affected. Guarded = 21% to 40% of business affected. Elevated = 41% to 60% of business affected. High = 61% to 80% of business affected Severe = 81% to 100% of business affected	Guarded
Preparedness: Pre-planning Select the level of planning and training that has occurred to respond to the Threat/Hazard. Low = Minimal or Outdated (<i>more than 4 years old</i>) plans for dealing with the Threat/Hazard. Moderate = Plans are completed, but are being revised and not tested to deal with the Threat/Hazard. High = Plans are completed, tested, and ready to respond to Threat/Hazard.	High

Internal Response: Time, effectiveness, resources <i>(Resources Within your Jurisdiction)</i> Select the level of Local Response Capabilities in your Jurisdiction to responding to the Threat/Hazard. Low = Minimal capabilities to respond without substantial mutual aid to the Threat/Hazard. Moderate = Have the capabilities to respond with additional aid to the Threat/Hazard. High = Fully meet the capabilities to respond to the Threat/Hazard.	<div>High</div>
External Response: Community, Mutual Aid Staff, Supplies <i>(Resources Outside your Jurisdiction)</i> Select what level of Mutual Aid Agreements your Jurisdiction maintains, coordination with volunteer organizations, and agreements with private industry. Low = Minimal level of mutual aid with other jurisdictions, no coordination with volunteer organizations, or private industry. Moderate = Some mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry. High = Substantial level of mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.	<div>High</div>
Risk: Relative Threat (1-100%,Threat increases with percentage) The Risk for the Threat/ Hazard is automatically calculated from the choices made in the questions above, using a weighted calculation.	<div>13%</div>
<div>Save Form</div>	
<div>Add Another Hazard Assessment</div>	
<div>Remove this Hazard Assessment</div>	
<div>View Risk Assessment Ranking Table</div>	
<div>Threat and Hazard Assessment</div>	
Directions Threat/ Hazard Group: Select the Threat/Hazard Group (Natural, Technological/ or Human-Caused) in the box below. <i>(Completes the Step 1 of CPG 201 THIRA Process.)</i>	
Threat/Hazard Group	Technological
Directions Threat/ Hazard Type: Select the Threat/Hazard Type (Tornado , Civil Disorder ,etc.) in the box below. <i>(Completes the Step 1 of CPG 201 THIRA Process.)</i>	
Threat/Hazard Type	Radiological Release
<div>Threat and Hazard Context Description</div>	
Directions for Threat and Hazard Context Description: Describe the threats and hazards of concern, showing how they may affect the community; including historical evidence (50 years) and context description. Context descriptions outline the conditions, including time and location, under which a threat or hazard might occur. <i>(This completes the Step 2 of the CPG 201 THIRA Process. Reference CPG 201 and the Core Capabilities)</i>	
<div>Historical Evidence</div>	
Kankakee County sits within 10 miles of the Braidwood nuclear power plants EPZ.	
<div>Context Description</div>	
The Braidwood nuclear power plant declared a general emergency due to a radiation leak. Due to the wind direction the plume cloud was now heading towards Kankakee County. All sub areas effected have to be evacuated.	
<div>Threat/Hazard Risk Assessment</div>	

Probability: Likelihood this will occur. Select the likelihood that this Threat/Hazard will occur in your jurisdiction. Low = 1% to 20% probability of occurrence in the next year Guarded = 21% to 40% probability of occurrence in the next year Elevated = 41% to 60% probability of occurrence in the next year High = 61% to 80% probability of occurrence in the next year Severe = 81% to 100% probability of occurrence in the next year	Low
Human Impact: Possibility of death or injury Select the vulnerability of the population living in or near the hazard area. Low = 1% to 20% of the total population of the jurisdiction. Guarded = 21% to 40% of the total population of the jurisdiction. Elevated = 41% to 60% of the total population of the jurisdiction. High = 61% to 80% of the total population of the jurisdiction. Severe = 81% to 100% of the total population of the jurisdiction.	Low
Property Impact: Physical losses and damages Select the vulnerability of the losses and damages to personal and government property. Low = 1% to 20% of the community and government affected. Guarded = 21% to 40% of the community and government affected. Elevated = 41% to 60% of the community and government affected. High = 61% to 80% of the community and government affected. Severe = 81% to 100% of the community and government affected.	Elevated
Business Impact: Interruption of Services Select the vulnerability of the losses and damages to businesses and stoppage of business due to the Threat/ Hazard. Low = 1% to 20% of business affected. Guarded = 21% to 40% of business affected. Elevated = 41% to 60% of business affected. High = 61% to 80% of business affected Severe = 81% to 100% of business affected	Low
Preparedness: Pre-planning Select the level of planning and training that has occurred to respond to the Threat/Hazard. Low = Minimal or Outdated (<i>more than 4 years old</i>) plans for dealing with the Threat/Hazard. Moderate = Plans are completed, but are being revised and not tested to deal with the Threat/Hazard. High = Plans are completed, tested, and ready to respond to Threat/Hazard.	High
Internal Response: Time, effectiveness, resources <i>(Resources Within your Jurisdiction)</i> Select the level of Local Response Capabilities in your Jurisdiction to responding to the Threat/Hazard. Low = Minimal capabilities to respond without substantial mutual aid to the Threat/Hazard. Moderate = Have the capabilities to respond with additional aid to the Threat/Hazard. High = Fully meet the capabilities to respond to the Threat/Hazard.	High
External Response: Community, Mutual Aid Staff, Supplies <i>(Resources Outside your Jurisdiction)</i> Select what level of Mutual Aid Agreements your Jurisdiction maintains, coordination with volunteer organizations, and agreements with private industry. Low = Minimal level of mutual aid with other jurisdictions, no coordination with volunteer organizations, or private industry. Moderate = Some mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry. High = Substantial level of mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.	High
Risk: Relative Threat (1-100%,Threat increases with percentage) The Risk for the Threat/ Hazard is automatically calculated from the choices made in the questions above, using a weighted calculation.	7%
Save Form	
Add Another Hazard Assessment	
Remove this Hazard Assessment	
View Risk Assessment Ranking Table	
Threat and Hazard Assessment	
Directions Threat/ Hazard Group: Select the Threat/Hazard Group (Natural, Technological/ or Human-Caused) in the box below. (Completes the Step 1 of CPG 201 THIRA Process .)	

Threat/Hazard Group	Technological
Directions Threat/ Hazard Type: Select the Threat/Hazard Type (Tornado , Civil Disorder,etc.) in the box below. <i>(Completes the Step 1 of CPG 201 THIRA Process.)</i>	
Threat/Hazard Type	Hazard Materials Release
Threat and Hazard Context Description	
Directions for Threat and Hazard Context Description: Describe the threats and hazards of concern, showing how they may affect the community; including historical evidence (50 years) and context description. Context descriptions outline the conditions, including time and location, under which a threat or hazard might occur. <i>(This completes the Step 2 of the CPG 201 THIRA Process. Reference CPG 201 and the Core Capabilities)</i>	
Historical Evidence	
Kankakee County has experienced numerous contained Haz-Mat releases over 50 years.	
Context Description	
On a windy weekday afternoon along I-57 a tanker truck overturns and begins to release a toxic hazardous gas. Residential areas have to be evacuated and first responders have to be de-contaminated.	
Threat/Hazard Risk Assessment	
Probability: Likelihood this will occur. Select the likelihood that this Threat/Hazard will occur in your jurisdiction. Low = 1% to 20% probability of occurrence in the next year Guarded = 21% to 40% probability of occurrence in the next year Elevated = 41% to 60% probability of occurrence in the next year High = 61% to 80% probability of occurrence in the next year Severe = 81% to 100% probability of occurrence in the next year	Guarded
Human Impact: Possibility of death or injury Select the vulnerability of the population living in or near the hazard area. Low = 1% to 20% of the total population of the jurisdiction. Guarded = 21% to 40% of the total population of the jurisdiction. Elevated = 41% to 60% of the total population of the jurisdiction. High = 61% to 80% of the total population of the jurisdiction. Severe = 81% to 100% of the total population of the jurisdiction.	Low
Property Impact: Physical losses and damages Select the vulnerability of the losses and damages to personal and government property. Low = 1% to 20% of the community and government affected. Guarded = 21% to 40% of the community and government affected. Elevated = 41% to 60% of the community and government affected. High = 61% to 80% of the community and government affected. Severe = 81% to 100% of the community and government affected.	Low
Business Impact: Interruption of Services Select the vulnerability of the losses and damages to businesses and stoppage of business due to the Threat/ Hazard. Low = 1% to 20% of business affected. Guarded = 21% to 40% of business affected. Elevated = 41% to 60% of business affected. High = 61% to 80% of business affected Severe = 81% to 100% of business affected	Guarded
Preparedness: Pre-planning Select the level of planning and training that has occurred to respond to the Threat/Hazard. Low = Minimal or Outdated (<i>more than 4 years old</i>) plans for dealing with the Threat/Hazard. Moderate = Plans are completed, but are being revised and not tested to deal with the Threat/Hazard. High = Plans are completed, tested, and ready to respond to Threat/Hazard.	High

Internal Response: Time, effectiveness, resources <i>(Resources Within your Jurisdiction)</i> Select the level of Local Response Capabilities in your Jurisdiction to responding to the Threat/Hazard. Low = Minimal capabilities to respond without substantial mutual aid to the Threat/Hazard. Moderate = Have the capabilities to respond with additional aid to the Threat/Hazard. High = Fully meet the capabilities to respond to the Threat/Hazard.	<div>High</div>
External Response: Community, Mutual Aid Staff, Supplies <i>(Resources Outside your Jurisdiction)</i> Select what level of Mutual Aid Agreements your Jurisdiction maintains, coordination with volunteer organizations, and agreements with private industry. Low = Minimal level of mutual aid with other jurisdictions, no coordination with volunteer organizations, or private industry. Moderate = Some mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry. High = Substantial level of mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.	<div>High</div>
Risk: Relative Threat (1-100%,Threat increases with percentage) The Risk for the Threat/ Hazard is automatically calculated from the choices made in the questions above, using a weighted calculation.	<div>12%</div>
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<div>Remove this Hazard Assessment</div>	
<div>View Risk Assessment Ranking Table</div>	
<div>Threat and Hazard Assessment</div>	
Directions Threat/ Hazard Group: Select the Threat/Hazard Group (Natural, Technological/ or Human-Caused) in the box below. <i>(Completes the Step 1 of CPG 201 THIRA Process.)</i>	
Threat/Hazard Group	Human-Caused
Directions Threat/ Hazard Type: Select the Threat/Hazard Type (Tornado , Civil Disorder ,etc.) in the box below. <i>(Completes the Step 1 of CPG 201 THIRA Process.)</i>	
Threat/Hazard Type	School Violence
<div>Threat and Hazard Context Description</div>	
Directions for Threat and Hazard Context Description: Describe the threats and hazards of concern, showing how they may affect the community; including historical evidence (50 years) and context description. Context descriptions outline the conditions, including time and location, under which a threat or hazard might occur. <i>(This completes the Step 2 of the CPG 201 THIRA Process. Reference CPG 201 and the Core Capabilities)</i>	
<div>Historical Evidence</div>	
Kankakee County has had very few school violence events.	
<div>Context Description</div>	
An active shooter entered the Kankakee High School around 1030am on a weekday. Numerous students and faculty were injured.	
<div>Threat/Hazard Risk Assessment</div>	

Probability: Likelihood this will occur. Select the likelihood that this Threat/Hazard will occur in your jurisdiction. Low = 1% to 20% probability of occurrence in the next year Guarded = 21% to 40% probability of occurrence in the next year Elevated = 41% to 60% probability of occurrence in the next year High = 61% to 80% probability of occurrence in the next year Severe = 81% to 100% probability of occurrence in the next year	Low
Human Impact: Possibility of death or injury Select the vulnerability of the population living in or near the hazard area. Low = 1% to 20% of the total population of the jurisdiction. Guarded = 21% to 40% of the total population of the jurisdiction. Elevated = 41% to 60% of the total population of the jurisdiction. High = 61% to 80% of the total population of the jurisdiction. Severe = 81% to 100% of the total population of the jurisdiction.	Low
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Business Impact: Interruption of Services Select the vulnerability of the losses and damages to businesses and stoppage of business due to the Threat/ Hazard. Low = 1% to 20% of business affected. Guarded = 21% to 40% of business affected. Elevated = 41% to 60% of business affected. High = 61% to 80% of business affected Severe = 81% to 100% of business affected	Guarded
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Threat/Hazard Group	
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Internal Response: Time, effectiveness, resources**(Resources Within your Jurisdiction)**

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0%**Save Form****Add Another Hazard Assessment****Remove this Hazard Assessment****View Risk Assessment Ranking Table**