

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	ELEVATI	ED		HIGH	SEVER	RE
HAZARD	Tornado		THREA	AT	ELEVATED	RISK	43%
HAZARD	Power Outage		THREA	AT	LOW	RISK	7%
HAZARD	Winter Storm		THREA	AT	GUARDED	RISK	23%
HAZARD	Flood		THREA	AT	GUARDED	RISK	27%
HAZARD	Airplane Crash		THREA	AT	LOW	RISK	8%
HAZARD	Train Derailment	:	THREA	AT	LOW	RISK	13%
HAZARD	Radiological Relea	se	THREA	AT	LOW	RISK	7%
HAZARD	Hazard Materials Rel	ease	THREA	AT	LOW	RISK	12%
HAZARD	School Violence		THREA	AT	LOW	RISK	7%
HAZARD			THRE	AT		RISK	0%

Threat and Hazard Assessment

<u>Directions Threat/ Hazard Group:</u>

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 Tornado

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

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.

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.

Elevated

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

Elevated

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.

Moderate

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.

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 Low 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 **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. Low **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. **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 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.

Business Impact: Interru Select the vulnerability of the losses at Low = 1% to 20% of business affect Guarded = 21% to 40% of business Elevated = 41% to 60% of business High = 61% to 80% of business affect Severe = 81% to 100% of business affect	Guarded			
Preparedness: Pre-planni Select the level of planning and traini Low = Minimal or Outdated (more the Moderate = Plans are completed, but High = Plans are completed, tested,	High			
Low = Minimal capabilities to respon	isdiction) Capabilities in your Jurisdiction to responding to the Threat/Hazard. Indiction without substantial mutual aid to the Threat/Hazard. It is respond with additional aid to the Threat/Hazard.	High		
External Response: Community, Mutual Aid Staff, Supplies Resources Outside your Jurisdiction) Relect what level of Mutual Aid Agreements your Jurisdiction maintains, coordination with volunteer organizations, and agreements yith private industry. Now = 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. It is a substantial level of mutual aid agreements with other jurisdictions, or coordination with volunteer groups and private industry.				
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.				
	Save Form			
	Add Another Hazard Assessment			
	Remove this Hazard Assessment			
	View Risk Assessment Ranking Table			
	Threat and Hazard Assessment			
Directions Threat/ Hazard G Select the Threat/Hazard Group (Natu	roup: ural, Technological/ or Human-Caused) in the box below. <i>(Completes the Step 1 of CPG 201 Th</i>	IIRA Process.)		
Threat/Hazard Group	Natural			
Directions Threat/ Hazard Ty Select the Threat/Hazard Type (Torna	/pe: ado, Civil Disorder,etc.) in the box below. (Completes the Step 1 of CPG 201 THIRA Process.)			
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. (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 winter storm events over the past 50 years.				
	Contact Boossinties			

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		
I nreat/mazard 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** <u>Directions for Threat and Hazard Context Description:</u> 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 High 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 **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. Low **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. **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 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. **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 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

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Internal Response: Time (Resources Within your Juri Select the level of Local Response Low = Minimal capabilities to respon Moderate = Have the capabilities to respon High = Fully meet the capabilities to	High			
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	0%,Threat increases with percentage) tomatically calculated from the choices made in the questions above, using a weighted	27%		
	Save Form			
	Add Another Hazard Assessment			
	Remove this Hazard Assessment View Risk Assessment Ranking Table			
	Threat and Hazard Assessment			
Directions Threat/ Hazard Gr Select the Threat/Hazard Group (Natu	roup: ıral, Technological/ or Human-Caused) in the box below. <i>(Completes the Step 1 of</i> <u>CPG 201</u> <i>TH</i>	IIRA Process.)		
Threat/Hazard Group	Technological			
Directions Threat/ Hazard Type:				
[ado, Civil Disorder,etc.) in the box below. (Completes the Step 1 of CPG 201 THIRA Process.)			
Inreat/Hazard Type	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/Horard Bick Accessment			

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 (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.	Moderate	
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.	Moderate	
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.	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. (Completes the Step 1 of CPG 201 THIRA Process.) 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. (This completes the Step 2 of the CPG 201 THIRA Process. Reference CPG 201 and the Core Capabilities) **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 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 **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. Low **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. **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 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. **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 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 **Preparedness:** Pre-planning Select the level of planning and training that has occurred to respond to the Threat/Hazard. High 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.

	d without substantial mutual aid to the Threat/Hazard. espond with additional aid to the Threat/Hazard. respond to the Threat/Hazard.	rigii
(Resources Outside your Ju Select what level of Mutual Aid Agree with private industry. Low = Minimal level of mutual aid wi Moderate = Some mutual aid agreer	nmunity, Mutual Aid Staff, Supplies prisdiction) ments your Jurisdiction maintains, coordination with volunteer organizations, and agreements th other jurisdictions, no coordination with volunteer organizations, or private industry. ments with other jurisdictions, or coordination with volunteer groups and private industry. d agreements with other jurisdictions, or coordination with volunteer groups and private	High
	0%,Threat increases with percentage) tomatically calculated from the choices made in the questions above, using a weighted	13%
	Save Form	
	Add Another Hazard Assessment	
	Remove this Hazard Assessment	
	View Risk Assessment Ranking Table	
	Threat and Hazard Assessment	
Directions Threat/ Hazard Greet the Threat/Hazard Group (Natu	roup: ıral, Technological/ or Human-Caused) in the box below. <i>(Completes the Step 1 of</i> <u>CPG 201</u> <i>TH</i>	IIRA Process.)
Threat/Hazard Group	Technological	
Directions Threat/ Hazard Ty Select the Threat/Hazard Type (Torna	(pe: ado, Civil Disorder,etc.) in the box below. (Completes the Step 1 of CPG 201 THIRA Process.)	
Threat/Hazard Type	Radiological Release	
	Threat and Hazard Context Description	
	oncern, showing how they may affect the community; including historical evidence (50 years) ar tions, including time and location, under which a threat or hazard might occur. <i>(This completes t</i>	
	Historical Evidence	
Kankakee County sits within	10 miles of the Braidwood nuclear power plants EPZ.	
	Context Description	
The Braidwood nuclear nowe	r plant declared a general emergency due to a radiation leak. Due to the wind	direction the nlume

Threat/Hazard Risk Assessment

cloud was now heading towards Kankakee County. All sub areas effected have to be evacuated.

High

Internal Response: Time, effectiveness, resources

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

(Resources Within your Jurisdiction)

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	
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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		
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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 Typ Select the Threat/Hazard Type (Tornac	De: to, Civil Disorder,etc.) in the box below. (Completes the Step 1 of CPG 201 THIRA Process.,)
Threat/Hazard Type	Hazard Materials Release	
	Threat and Hazard Context Description	
	ncern, showing how they may affect the community; including historical evidence (50 years) arons, including time and location, under which a threat or hazard might occur. (<i>This completes</i> in the completes of the completes in the completes of t	
	Historical Evidence	
Kankakee County has experier	nced numerous contained Haz-Mat releases over 50 years.	
	Context Description	
	n along I-57 a tanker truck overturns and begins to release a toxic hazardoused first responders have to be de-contaminated.	s gas. Residential
areas have to be evacuated an	a mot responders have to be de contaminated.	
	Threat/Hazard Risk Assessment	
Probability: Likelihood this Select the likelihood that this Threat/Ha Low = 1% to 20% probability of occurre Guarded = 21% to 40% probability of occure Elevated = 41% to 60% probability of occur High = 61% to 80% probability of occur Severe = 81% to 100% probability of occur	nzard will occur in your jurisdiction. Sence in the next year Securrence in the next year Securrence in the next year Formula in the next year Formula in the next year	Guarded
Human Impact: Possibility Select the vulnerability of the population Low = 1% to 20% of the total populatio Guarded = 21% to 40% of the total population Elevated = 41% to 60% of the total population High = 61% to 80% of the total popula Severe = 81% to 100% of the total popula	n living in or near the hazard area. n of the jurisdiction. pulation of the jurisdiction. pulation of the jurisdiction. tion of the jurisdiction.	Low
Property Impact: Physical Select the vulnerability of the losses an Low = 1% to 20% of the community ar Guarded = 21% to 40% of the community at Elevated = 41% to 60% of the community at 100 = 61% to 80% of the community at 100% of the 1	d damages to personal and government property. nd government affected. nity and government affected. nity and government affected. and government affected.	Low
Business Impact: Interrup Select the vulnerability of the losses an Low = 1% to 20% of business affected Guarded = 21% to 40% of business af Elevated = 41% to 60% of business af High = 61% to 80% of business affecte Severe = 81% to 100% of business affecte	d damages to businesses and stoppage of business due to the Threat/ Hazard. ffected. ffected. ffected.	Guarded
Low = Minimal or Outdated (<i>more than</i>	that has occurred to respond to the Threat/Hazard. 4 years old) plans for dealing with the Threat/Hazard. are being revised and not tested to deal with the Threat/Hazard.	High

Low = Minimal capabilities to respon	Sdiction) Capabilities in your Jurisdiction to responding to the Threat/Hazard. d without substantial mutual aid to the Threat/Hazard. espond with additional aid to the Threat/Hazard.	High		
External Response: Com (Resources Outside your Ju Select what level of Mutual Aid Agreed with private industry. Low = Minimal level of mutual aid wit Moderate = Some mutual aid agreen High = Substantial level of mutual aid industry.	High			
	0%,Threat increases with percentage) comatically calculated from the choices made in the questions above, using a weighted	12%		
	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 Human-Caused				
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	School Violence			
· ·	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				
Kankakaa Caunty has had ya	ry few cohool violence events			
Kankakee County has had very few school violence events.				
	Context Description			
An active shooter entered the Kankakee High School around 1030am on a weekday. Numerous students and faculty were injured.				
	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 (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.	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		
Directions Threat/ Hazard Ty Select the Threat/Hazard Type (Torna	rpe: Ido, Civil Disorder,etc.) in the box below. (Completes the Step 1 of CPG 201 THIRA Process.)	
Threat/Hazard Type		
	Threat and Hazard Context Description	
	oncern, showing how they may affect the community; including historical evidence (50 years) articles, including time and location, under which a threat or hazard might occur. (This completes to	
	Context Description	
	Threat/Hazard Risk Assessment	
Probability: Likelihood thi Select the likelihood that this Threat/I- Low = 1% to 20% probability of occur Guarded = 21% to 40% probability of Elevated = 41% to 60% probability of High = 61% to 80% probability of occ Severe = 81% to 100% probability of	lazard will occur in your jurisdiction. rence in the next year occurrence in the next year occurrence in the next year urrence in the next year	
Human Impact: Possibilit Select the vulnerability of the populati Low = 1% to 20% of the total populat Guarded = 21% to 40% of the total p Elevated = 41% to 60% of the total p High = 61% to 80% of the total popul Severe = 81% to 100% of the total p	on living in or near the hazard area. on of the jurisdiction. opulation of the jurisdiction. opulation of the jurisdiction. lation of the jurisdiction.	
Property Impact: Physical Select the vulnerability of the losses at Low = 1% to 20% of the community at Guarded = 21% to 40% of the community at Elevated = 41% to 60% of the community High = 61% to 80% of the community Severe = 81% to 100% of the community	and damages to personal and government property. and government affected. unity and government affected. and government affected. and government affected.	
Business Impact: Interru Select the vulnerability of the losses at Low = 1% to 20% of business affects Guarded = 21% to 40% of business Elevated = 41% to 60% of business High = 61% to 80% of business affect Severe = 81% to 100% of business at	nd damages to businesses and stoppage of business due to the Threat/ Hazard. ed. affected. affected. affected. ted	
Low = Minimal or Outdated (<i>more tha</i> Moderate = Plans are completed, but	ng that has occurred to respond to the Threat/Hazard. n 4 years old) plans for dealing with the Threat/Hazard. t are being revised and not tested to deal with the Threat/Hazard. and ready to respond to Threat/Hazard.	

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