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SENSITIVE SECURITY INFORMATION

Elements of Security Risk

Criticality	Criticality describes an asset's importance to a mission or function, or to continuity of operations. An item or a capability is critical when it is essential to the operation of the transit system or is essential to human health and safety. When considering the degree to which a thing or capability is critical consider the extent to which the system would be disabled, the duration of the disruption, work-arounds to include expensive/manpower intensive options, and the extent to which such work-arounds could be employed and deployed. For example, manpower can substitute for some aspects of system management, but normally only at great cost, significant loss in efficiency, and for a limited duration regardless of cost.	
Threat	Intent & Capability	Threat from intentional acts accounts for both the intent and capability of the adversary and is an expression of the likelihood of an incident being attempted. For other (non-intentional) hazards, threat is estimated as the likelihood that a hazard will manifest.
Vulnerability	Exposure	The degree to which this asset is open to compromise by the incident type. For example, passenger bus service may be more exposed to blizzards, rail more exposed to avalanche.
	Protective Measures	Measures (equipment, procedures, etc.) in place designed to prevent, minimize, or contain impact of incident. In using PT-RAM, consider measures in place to prevent the incident type from affecting the asset, or to rapidly recover the asset following the incident type.
	Robustness/Resilience	Robustness/resilience is the ability of systems, infrastructures, business, communities, and individuals to resist, absorb, recover from, prepare for, or adapt to an adverse occurrence that causes harm, destruction, or loss. In general, resilience and robustness are inherent characteristics and not dependent on planning and execution of protective and response measures.
Consequence	Human Impact	Effect of an incident, event, or occurrence that results in injury, illness, or loss of life. When measuring human consequence in the context of security risk, consequence is assessed as negative and can include loss of life or limb, or other short-term or long-term bodily harm or illness.
	Economic Impact	Effect of an incident, event, or occurrence on the value of property or on the production, trade, distribution, or use of income, wealth, or commodities. When measuring economic consequence

Consequences	Economic Impact	in the context of security risk, consequences are usually assessed as negative and measured in monetary units.
	Psychological Impact	Effect of an incident, event, or occurrence on the mental or emotional state of individuals or groups resulting in a change in perception and/or behavior. In the context of homeland security, psychological consequences are negative and refer to the impact of an incident, event, or occurrence on the behavior or emotional and mental state of an affected population.

Scales

Criticality

In general, the descriptions of impact are provided as reference points and should not be interpreted literally. Please note that individual elements of criticality are not additive, that is, a thing does not have to achieve every criteria to be scaled at the level being considered. The panel should interpolate among the descriptors and consider them as helpful suggestions, and not established "rules." The exception is for protective measures as related to cyber attacks. In that case, the expert panel should determine if the system under consideration has installed logical security meeting current NIST standards. If yes, the panel may consider ratings of 2 or 1. If a system's logical security measures do not meet current NIST standards, the expert panel should not assign any rating lower (more favorable) than 3 for protective measures.

5	Physical/cyber damage to this asset will likely leave the agency unable to operate all or most of the system for an extended period. Repair/recovery will be very expensive. Workarounds will be expensive, inefficient and disruptive to the community. The loss of life, loss of public confidence and/or loss of the ability of the regional government or economy to function are potentially extreme.
4	Physical/cyber damage to this asset carries a significant risk of leaving the agency unable to operate all or most of the system for a significant period. Repair/recovery will be very expensive. Workarounds will be expensive, inefficient and disruptive to the community. The loss of life, loss of public confidence and/or loss of the ability of the regional government or economy to function are potentially very high.
3	Physical/cyber damage to this asset carries a risk of leaving the agency unable to operate all or most of the system for one or several days. Repair/recovery will be expensive. Workarounds will be inefficient and possibly disruptive to the community. The loss of life, loss of public confidence and/or loss of the ability of the regional government or economy to function are potentially high.
2	Physical/cyber damage to this asset carries a risk of leaving the agency unable to operate parts of the system for one or several days. Repair/recovery will be challenging. Workarounds may be inefficient and possibly have ripple effects in the community. The loss of life, loss of public confidence and/or loss of the ability of the regional government or economy to function are potentially significant.
1	Without this asset, the system can operate as normal with minimal loss of capacity. Workarounds can be sustained long term. Physical/cyber damage to this asset carries a risk of significantly hindering the agency's ability to operate parts of the system for one or several days. Repair/recovery will be challenging. Workarounds are readily available and can be implemented with minimal impact on the community. The

	potential for loss of life, loss of public confidence and/or loss of the ability of the regional government or economy to function are present.
0	Physical/cyber damage to this asset carries no risk hindering agency's ability to operate the system. Repair/recovery is within the scope of organic capabilities. Workarounds are available, are reasonably efficient, and can be implemented with minimal effect on the community. The the loss of life, loss of public confidence and/or loss of the ability of the regional government or economy to function are not present.

Vulnerability

Exposure 5	Asset is fully exposed with no inherent protection. An incident of typical proportions will severely compromise the asset.
Exposure 4	Asset is generally exposed with little inherent protection. An incident of typical proportions may compromise the asset, while a severe incident will certainly compromise it.
Exposure 3	Asset is partially exposed with some inherent protection. An incident of severe proportions may compromise the asset.
Exposure 2	Asset is not exposed and has inherent protection. Only an incident of extreme proportions could partially compromise the asset.
Exposure 1	Asset is not exposed and is inherently protected. This incident cannot directly compromise the asset. An extreme event could cause secondary effects.
Exposure 0	Not applicable

Protective Measures 5	This type of attack against this type of target is practically certain to succeed if attempted, assuming planning and execution is basically competent.
Protective Measures 4	This type of attack against this type of target is more likely than not to succeed if planning and execution is competent.
Protective Measures 3	This type of attack against this type of target may succeed if well planned and executed.
Protective Measures 2	This type of attack against this type of target can succeed if very well planned and executed, but there is a strong possibility that it would be defeated.
	This type of attack against this type of target can only succeed if extremely well planned and executed, but it is likely that it would be

Protective Measures 1	This type of attack against this type of target can only succeed if extremely well planned and executed, but it is likely that it would be defeated.
Protective Measures 0	Not applicable
Robustness 5	This asset has no inherent strength and is a discrete point target. If compromised, it may not be possible to return it to full service.
Robustness 4	This asset has limited inherent strength and is not dispersed. If compromised, it can be returned to full service only with considerable cost over an extended period.
Robustness 3	This asset has some inherent strength or is partially dispersed. If compromised, it can be returned to full service in a manageable time, at a manageable cost.
Robustness 2	This asset has considerable inherent strength or is widely dispersed. If compromised, it can be rapidly returned to full service.
Robustness 1	This asset is inherently strong, widely dispersed, or otherwise difficult or impossible to compromise for the long term.
Robustness 0	Not applicable
Consequence	
Human 5	Loss of life that drastically exceeds the ability of any community to manage an event of such magnitude that most members of the community will be at least indirectly affected. Examples of such extreme loss-of-life events include the nearly 3000 killed on 9/11 and the more than 1000 who died in Hurricane Katrina.
Human 4	Loss of life that significantly exceeds the ability of any community to manage, an event of such magnitude that many members of the community will be at least indirectly affected. Examples of such extreme loss-of-life events include the more than 500 killed in the 1947 Texas City Explosion and the 270 fatalities in the 1988 bombing of Pan Am flight 103.
Human 3	Loss of life that exceeds the ability of most American communities to manage, an event of such magnitude that a significant number of the community will be at least indirectly affected. Examples of such loss-of-life events include the more than 150 killed in the 1995 Oklahoma City bombing and the 100 fatalities in the 1998 Station Night Club fire.
Human 2	Loss of life that severely strains the ability of most American communities to manage, an event producing a large number of less-than-lethal but life changing injuries. Examples of such loss-of-life events include the 58 killed and hundreds wounded in the 2017 Las Vegas shooting attack or in the 50 killed and scores wounded in the 2016 Orlando Nightclub attack.
Human	Loss of life that would tax the ability of a smaller American community to manage, an event producing a significant number of less-than-lethal but life changing injuries. Examples of such loss-of-life events involving up to scores of casualties would include many of the mass shooting

1	events or a number of large scale industrial accidents occurring over the past 20 years such as the 2018 Stoneman HS shooting, three 2013 Boston Marathon bombing, or the 2013 fertilizer explosion in West, Texas.
Human 0	Not applicable
Economic 5	Primary and secondary impact will likely exceed 50% of the company/locality operating budget. 20% or more of organizational jobs are likely to be permanently lost. Similar or higher numbers of outside job losses are possible. Iconic assets may be lost permanently. Primary impacts include loss of infrastructure, loss of business not replaced, and outlays for response and post-event temporary security measures. All losses considered should be those occurring in the immediate aftermath if the event, within 6 to 12 months. Predictable losses should be offset by expected insurance coverage. Do NOT consider new economic activity stimulated by the event. Indirect costs include increased insurance or reserves, loss of public confidence, loss of share value or declines in bond ratings and credit-worthiness.
Economic 4	Primary and secondary impact will likely exceed 25% of the company/locality operating budget. 10% or more of organizational jobs are likely to be permanently lost. Similar or higher numbers of outside job losses are possible. Iconic assets may be lost for an extended time. Primary impacts include loss of infrastructure, loss of business not replaced, and outlays for response and post-event temporary security measures. All losses considered should be those occurring in the immediate aftermath if the event, within 6 to 12 months. Predictable losses should be offset by expected insurance coverage. Do NOT consider new economic activity stimulated by the event. Indirect costs include increased insurance or reserves, loss of public confidence, loss of share value or declines in bond ratings and credit-worthiness.
Economic 3	Primary and secondary impact will likely exceed 10% of the company/locality operating budget. Some organizational jobs are likely to be permanently lost. Outside job losses are possible. Assets may be unusable for more than 6 months. Primary impacts include loss of infrastructure, loss of business not replaced, and outlays for response and post-event temporary security measures. All losses considered should be those occurring in the immediate aftermath if the event, within 6 to 12 months. Predictable losses should be offset by expected insurance coverage. Do NOT consider new economic activity stimulated by the event. Indirect costs include increased insurance or reserves, loss of public confidence, loss of share value or declines in bond ratings and credit-worthiness.
Economic 2	Primary and secondary impact will likely exceed 5% of the company/locality operating budget. Some organizational jobs may be permanently lost. Outside job losses are possible. Assets may be unusable for several weeks. Primary impacts include loss of infrastructure, loss of business not replaced, and outlays for response and post-event temporary security measures. All losses considered should be those occurring in the immediate aftermath if the event, within 6 to 12 months. Predictable losses should be offset by expected insurance coverage. Do NOT consider new economic activity stimulated by the event. Indirect costs include increased insurance or reserves, loss of public confidence, loss of share value or declines in bond ratings and credit-worthiness.
Economic	Primary and secondary impact may place heavy stress on organizational/locality budgets. Some temporary job losses may occur and last more than 6 months. Primary impacts include loss of infrastructure, loss of business not replaced, and outlays for response and post-event temporary security measures. All losses considered should be those occurring in the immediate aftermath if the event. within 6 to 12 months.

1	Predictable losses should be offset by expected insurance coverage. Do NOT consider new economic activity stimulated by the event. Indirect costs include increased insurance or reserves, loss of public confidence, loss of share value or declines in bond ratings and credit-worthiness.
Economic 0	Not applicable
Psychological 5	Extreme effect on the mental or emotional state of individuals or groups resulting in a permanent and significant change in the policies and practices of government, and a permanent change in perception and/or behavior.
Psychological 4	Severe effect on the mental or emotional state of individuals or groups resulting in a permanent change in the policies and practices of government, and a permanent or near-permanent change in perception and/or behavior.
Psychological 3	Significant effect on the mental or emotional state of individuals or groups resulting in some modification to government policies and practices, and a long-term change in perception and/or behavior.
Psychological 2	Noticeable effect on the mental or emotional state of individuals or groups resulting in a long-term change in perception and/or behavior.
Psychological 1	Effects on the mental or emotional state of individuals or groups may result in a temporary change in perception and/or behavior.
Psychological 0	Not applicable

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SENSITIVE SECURITY INFORMATIK

Facilitator:		Recorder:
Risk Analysis of:		

CRITICAL/REPRESENTATIV

Commuter Rail

Asset Category	Asset Type	Asset Number
Commuter Rail System Public Area	Headquarters Building	CR 1
	Major Passenger Terminals	CR 2
	Major Line Stations	CR 3
	Parking Structures	CR 4
Commuter Rail System Rolling Stock	Consist - Type 1	CR 5
	Consist - Type 2	CR 6
Commuter Rail System Control	Primary Control Center	CR 7
	Control Towers	CR 8
	Cyber Systems	CR 9
Commuter Rail System Operations	Right of Way (ROW)	CR 10
	Signals & PTC	CR 11
	Switches	CR 12
Commuter Rail System ROW Infrastructure	Bridges	CR 13
	Elevated Track	CR 14
	Tunnels	CR 15
	Choke Points on ROW	CR 16
Commuter Rail System Safety	Fire Suppression	CR 17
	Air Handling	CR 18
Commuter Rail System Support	Power Generation/Distribution	CR 19
	Yards	CR 20
	Maintenance Barns/Facilities	CR 21

Heavy Rail (Subway)

Asset Category	Asset Type	Asset Number
Heavy Rail System Public Area	Headquarters Building	HR 1
	Major Passenger Terminals	HR 2
	Major Line Stations	HR 3
	Parking Structures	HR 4
Heavy Rail System Rolling Stock	Consist - Type 1	HR 5
	Consist - Type 2	HR 6
	Primary Control Center	HR 7

Heavy Rail System Control	Cyber Systems	HR 8
	Right of Way (ROW)	HR 9
Heavy Rail System Operations	Signals & PTC	HR 10
	Switches	HR 11
Heavy Rail System ROW Infrastructure	Bridges	HR 12
	Elevated Track	HR 13
	Tunnels	HR 14
	Choke Points on ROW	HR 15
Heavy Rail System Safety	Fire Suppression	HR 16
	Air Handling	HR 17
Heavy Rail System Support	Power Generation/Distribution	HR 18
	Yards	HR 19
	Maintenance Barns/Facilities	HR 20

Light Rail/Streetcar

Asset Category	Asset Type	Asset Number
Light Rail System Public Area	Headquarters Building	LR 1
	Major Passenger Terminals	LR 2
	Major Line Stations	LR 3
	Parking Structures	LR 4
Light Rail System Rolling Stock	Consist - Type 1	LR 5
	Consist - Type 2	LR 6
Light Rail System Control	Primary Control Center	LR 7
	Cyber Systems	LR 8
	Right of Way (ROW)	LR 9
Light Rail System Operations	Signals & PTC	LR 10
	Switches	LR 11
Light Rail System ROW Infrastructure	Bridges	LR 12
	Elevated Track	LR 13
	Tunnels	LR 14
	Choke Points on ROW	LR 15
Light Rail System Safety	Fire Suppression	LR 16
Light Rail System Support	Power Generation/Distribution	LR 17
	Yards	LR 18
	Maintenance Barns/Facilities	LR 19

Bus (Intracity Bus, Commuter)

Asset Category	Asset Type	Asset Number
Bus System Public Area	Headquarters Building	BUS 1
	System Owned Bus Station	BUS 2
Bus System Rolling Stock	Bus - Type 1	BUS 3
	Bus - Type 2	BUS 4

Bus System Control	Dispatch/Control Center	BUS 5
	Cyber Systems	BUS 6
Bus System Support	Fueling Facilities/Depots	BUS 7
	Maintenance Barns/Facilities	BUS 8

Ferry Service

Asset Category	Asset Type	Asset Number
Ferry System Public Area	Headquarters Building	FS 1
	System Owned Ferry Terminals	FS 2
	Parking Structures	FS 3
Ferry System Vessels	Ferry Vessel - Type 1	FS 4
	Ferry Vessel - Type 2	FS 5
Ferry System Control	Primary Control Center	FS 6
	Cyber Systems	FS 7
Ferry System Operations	Aids to Navigation	FS 8
	Support Craft	FS 9
Ferry System Support	Maintenance Facilities	FS 10

Additional Assets Considered

System	Asset Type	Asset Number
		AA 1
		AA 2
		AA 3
		AA 4
		AA 5
		AA 6
		AA 7
		AA 8
		AA 9
		AA 10

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Selected Asset (most critical or most representative)	Assigned Criticality Value

er Bus)	
Selected Asset (most critical or most representative)	Assigned Criticality Value

Selected Asset (most critical or most representative)	Assigned Criticality Value

Selected Asset (most critical or most representative)	Assigned Criticality Value

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Incident types are defined in notes on the far right side of the table by holding the cursor over the in

Armed Assault/Active Shooter	Threat	Criticality
Headquarters Building CR 1	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Major Passenger Terminals CR 2	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Major Line Stations CR 3	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Parking Structures CR 4	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Consist - Type 1 CR 5	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Consist - Type 2 CR 6		

	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Primary Control Center CR 7	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Control Towers CR 8	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Cyber Systems CR 9	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Right of Way (ROW) CR 10	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Signals & PTC CR 11	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Switches CR 12	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Bridges CR 13	1.0	0.0

		1.0	0.0
Armed Assault/Active Shooter		Threat	Criticality
Elevated Track	CR 14	1.0	0.0
		1.0	0.0
Armed Assault/Active Shooter		Threat	Criticality
Tunnels	CR 15	1.0	0.0
		1.0	0.0
Armed Assault/Active Shooter		Threat	Criticality
Choke Points on ROW	CR 16	1.0	0.0
		1.0	0.0
Armed Assault/Active Shooter		Threat	Criticality
Fire Suppression	CR 17	1.0	0.0
		1.0	0.0
Armed Assault/Active Shooter		Threat	Criticality
Air Handling	CR 18	1.0	0.0
		1.0	0.0
Armed Assault/Active Shooter		Threat	Criticality
Power Generation/Distribution	CR 19	1.0	0.0
		1.0	0.0
Armed Assault/Active Shooter		Threat	Criticality
Yards	CR 20	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Maintenance Barns/Facilities CR 21	1.0	0.0
	1.0	0.0



VBIED or IED	Threat	Criticality
Headquarters Building CR 1	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
Major Passenger Terminals CR 2	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
Major Line Stations CR 3	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
Parking Structures CR 4	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
Consist - Type 1 CR 5	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
Consist - Type 2 CR 6	1.0	0.0

		1.0	0.0
VBIED or IED		Threat	Criticality
Primary Control Center	CR 7	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Control Towers	CR 8	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Cyber Systems	CR 9	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Right of Way (ROW)	CR 10	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Signals & PTC	CR 11	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Switches	CR 12	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Bridges	CR 13	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Elevated Track	CR 14		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Tunnels	CR 15		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Choke Points on ROW	CR 16		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Fire Suppression	CR 17		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Air Handling	CR 18		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Power Generation/Distribution	CR 19		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Yards	CR 20		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Maintenance Barns/Facilities	CR 21	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Headquarters Building	CR 1	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Major Passenger Terminals	CR 2	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Major Line Stations	CR 3	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Parking Structures	CR 4	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Consist - Type 1	CR 5	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Consist - Type 2	CR 6	1.0	0.0
		1.0	0.0

Hijack	Threat	Criticality
Primary Control Center CR 7	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Control Towers CR 8	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Cyber Systems CR 9	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Right of Way (ROW) CR 10	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Signals & PTC CR 11	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Switches CR 12	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Bridges CR 13	1.0	0.0
	1.0	0.0

Hijack		Threat	Criticality
Elevated Track	CR 14		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Tunnels	CR 15		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Choke Points on ROW	CR 16		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Fire Suppression	CR 17		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Air Handling	CR 18		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Power Generation/Distribution	CR 19		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Yards	CR 20		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Maintenance Barns/Facilities	CR 21	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Headquarters Building	CR 1	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Major Passenger Terminals	CR 2	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Major Line Stations	CR 3	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Parking Structures	CR 4	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Consist - Type 1	CR 5	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Consist - Type 2	CR 6	1.0	0.0
		1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Primary Control Center CR 7	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Control Towers CR 8	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Cyber Systems CR 9	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Right of Way (ROW) CR 10	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Signals & PTC CR 11	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Switches CR 12	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Bridges CR 13	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality

Coordinated Complex Attack	Threat	Criticality
Elevated Track CR 14	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Tunnels CR 15	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Choke Points on ROW CR 16	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Fire Suppression CR 17	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Air Handling CR 18	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Power Generation/Distribution CR 19	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Yards CR 20	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
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Maintenance Barns/Facilities	CR 21	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Headquarters Building	CR 1	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Major Passenger Terminals	CR 2	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Major Line Stations	CR 3	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Parking Structures	CR 4	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Consist - Type 1	CR 5	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Consist - Type 2	CR 6	1.0	0.0
		1.0	0.0

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Cyber Attack		Threat	Criticality
Primary Control Center	CR 7		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Control Towers	CR 8		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Cyber Systems	CR 9		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Right of Way (ROW)	CR 10		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Signals & PTC	CR 11		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Switches	CR 12		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Bridges	CR 13		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality

Elevated Track	CR 14	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Tunnels	CR 15	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Choke Points on ROW	CR 16	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Fire Suppression	CR 17	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Air Handling	CR 18	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Power Generation/Distribution	CR 19	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Yards	CR 20	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Maintenance Barns/Facilities	CR 21		

	1.0	0.0
	1.0	0.0



Natural Disaster	Threat	Criticality
Headquarters Building CR 1	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Major Passenger Terminals CR 2	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Major Line Stations CR 3	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Parking Structures CR 4	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Consist - Type 1 CR 5	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Consist - Type 2 CR 6	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality

Primary Control Center	CR 7	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Control Towers	CR 8	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Cyber Systems	CR 9	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Right of Way (ROW)	CR 10	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Signals & PTC	CR 11	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Switches	CR 12	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Bridges	CR 13	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Elevated Track	CR 14		

	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Tunnels CR 15	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Choke Points on ROW CR 16	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Fire Suppression CR 17	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Air Handling CR 18	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Power Generation/Distribution CR 19	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Yards CR 20	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Maintenance Barns/Facilities CR 21	1.0	0.0

	1.0	0.0
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Industrial Disaster	Threat	Criticality
Headquarters Building CR 1	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Major Passenger Terminals CR 2	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Major Line Stations CR 3	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Parking Structures CR 4	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Consist - Type 1 CR 5	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Consist - Type 2 CR 6	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Primary Control Center CR 7		

	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Control Towers CR 8	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Cyber Systems CR 9	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Right of Way (ROW) CR 10	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Signals & PTC CR 11	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Switches CR 12	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Bridges CR 13	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Elevated Track CR 14	1.0	0.0

		1.0	0.0
Industrial Disaster		Threat	Criticality
Tunnels	CR 15	1.0	0.0
		1.0	0.0
Industrial Disaster		Threat	Criticality
Choke Points on ROW	CR 16	1.0	0.0
		1.0	0.0
Industrial Disaster		Threat	Criticality
Fire Suppression	CR 17	1.0	0.0
		1.0	0.0
Industrial Disaster		Threat	Criticality
Air Handling	CR 18	1.0	0.0
		1.0	0.0
Industrial Disaster		Threat	Criticality
Power Generation/Distribution	CR 19	1.0	0.0
		1.0	0.0
Industrial Disaster		Threat	Criticality
Yards	CR 20	1.0	0.0
		1.0	0.0
Industrial Disaster		Threat	Criticality
Maintenance Barns/Facilities	CR 21	1.0	0.0
		1.0	0.0

Derailment/Collision	Threat	Criticality
Headquarters Building CR 1	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
Major Passenger Terminals CR 2	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
Major Line Stations CR 3	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
Parking Structures CR 4	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
Consist - Type 1 CR 5	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
Consist - Type 2 CR 6	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
Primary Control Center CR 7	1.0	0.0

		1.0	0.0
Derailment/Collision		Threat	Criticality
Control Towers	CR 8	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Cyber Systems	CR 9	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Right of Way (ROW)	CR 10	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Signals & PTC	CR 11	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Switches	CR 12	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Bridges	CR 13	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Elevated Track	CR 14	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Tunnels	CR 15	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Choke Points on ROW	CR 16	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Fire Suppression	CR 17	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Air Handling	CR 18	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Power Generation/Distribution	CR 19	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Yards	CR 20	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Maintenance Barns/Facilities	CR 21	1.0	0.0
		1.0	0.0

Widespread Power Outage	Threat	Criticality
Headquarters Building CR 1	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Major Passenger Terminals CR 2	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Major Line Stations CR 3	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Parking Structures CR 4	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Consist - Type 1 CR 5	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Consist - Type 2 CR 6	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Primary Control Center CR 7	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Control Towers CR 8	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Cyber Systems CR 9	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Right of Way (ROW) CR 10	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Signals & PTC CR 11	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Switches CR 12	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Bridges CR 13	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Elevated Track CR 14	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Tunnels CR 15	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Choke Points on ROW CR 16	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Fire Suppression CR 17	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Air Handling CR 18	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Power Generation/Distribution CR 19	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Yards CR 20	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Maintenance Barns/Facilities CR 21	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Headquarters Building CR 1	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Major Passenger Terminals CR 2	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Major Line Stations CR 3	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Parking Structures CR 4	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Consist - Type 1 CR 5	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Consist - Type 2 CR 6	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Primary Control Center CR 7	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Control Towers CR 8	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Cyber Systems CR 9	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Right of Way (ROW) CR 10	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Signals & PTC CR 11	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Switches CR 12	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Bridges CR 13	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Elevated Track CR 14	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Tunnels CR 15	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Choke Points on ROW CR 16	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Fire Suppression CR 17	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Air Handling CR 18	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Power Generation/Distribution CR 19	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Yards CR 20	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Maintenance Barns/Facilities CR 21	1.0	0.0
	1.0	0.0



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SENSITIVE SECURITY INFORMATION

Identifying word.

Commuter Rail Assets

Armed Assault/Active Shooter

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience

0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	

0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

VBIED or IED

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0

0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Hijack

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
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Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Coordinated Complex Attack

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
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Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	

0.0	0.0	0.0	
0.0			

Cyber Attack

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
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Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	

0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	

0.0	0.0	0.0	
0.0			

Natural Disaster

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	

0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	

0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	

0.0	
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Industrial Disaster

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience

0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	

0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Derailment/Collision

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0

0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
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Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			
Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Widespread Power Outage

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability			
Exposure	Protective Measures	Robustness/Resilience	
0.0	0.0	0.0	
0.0			

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Weapon of Mass Destruction

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

Vulnerability		
Exposure	Protective Measures	Robustness/Resilience
0.0	0.0	0.0
0.0		

SENSITIVE SECURITY INFORMATION

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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
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Consequence		
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0.0	0.0	0.0	
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Consequence			
Human	Economic	Psychological	
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Consequence			
Human	Economic	Psychological	
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Consequence			
Human	Economic	Psychological	
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Consequence			
Human	Economic	Psychological	
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Consequence			
Human	Economic	Psychological	
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Consequence			
Human	Economic	Psychological	
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Consequence			
Human	Economic	Psychological	
0.0	0.0	0.0	

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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0

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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

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ed to know, as defined in 49 CFR 1520, except with the written permission of public release is governed by 5 U.S.C. 522.

Attack by 1 or several individuals using simple, easily obtained weapons including knives, firearms, pipe bombs, and car bombs

Improvised explosive device
transported via automobile with
explosive equivalent up to
500 lbs of TNT or truck/bus with
explosive equivalent of 500lbs of
TNT or man portable with an
explosive equivalent of 40lbs.

Attack by 1 person (against a
railed vehicle) or 3 or more
persons (against a train) using
simple, easily acquired weapons
including charges sufficient to
explode/derail the vehicle) for
the purpose of seizing control of a
vehicle in the prosecution of a
terrorist attack

ack by >2 teams of >1 individuals using
le weapons, or at >1 teams plus a
ed explosive, occurring at >2 or more
s within single system & one hour;
em is the ultimate target

ack employing cybernetic access to
systems intended to deny access, or to
alter or corrupt data

tural event such as a severe
n, flood, wild fire, earth
ament, etc.

idental or intentional
ster at a major facility
cent to or in a position to
act the system. Consider
nical spill, toxic release,
osion, train derailment,
cture collapse, fire, etc.

ilment or collision
lting from an attack
ontrol centers, control
pment or control
onnel

spread power outage arising
in an attack on power
generation, transfer, distribution or
management

ttack employing a weapon
mass destruction, including
o agent, a radiological
ersant device, a chemical
pon or a nuclear device.

WARNING: This document contains Sensitive Security Information that is controlled by the FEMA Administrator, Washington, DC. |

Incident types are defined in notes on the far right side of the table by holding the cursor over the cell.

Armed Assault/Active Shooter	Threat	Criticality
Headquarters Building HR 1	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Major Passenger Terminals HR 2	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Major Line Stations HR 3	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Parking Structures HR 4	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Consist - Type 1 HR 5	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Consist - Type 2 HR 6	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality

Armed Assault/Active Shooter		Threat	Criticality
Primary Control Center	HR 7		
		1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Cyber Systems	HR 8		
		1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Right of Way (ROW)	HR 9		
		1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Signals & PTC	HR 10		
		1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Switches	HR 11		
		1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Bridges	HR 12		
		1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Elevated Track	HR 13		
		1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Tunnels	HR 14		
		1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality

Choke Points on ROW	HR 15	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Fire Suppression	HR 16	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Air Handling	HR 17	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Power Generation/Distribution	HR 18	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Yards	HR 19	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Maintenance Barns/Facilities	HR 20	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Headquarters Building	HR 1	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Major Passenger Terminals	HR 2	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Major Line Stations	HR 3	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Parking Structures	HR 4	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Consist - Type 1	HR 5	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Consist - Type 2	HR 6	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Primary Control Center	HR 7	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Cyber Systems	HR 8	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Right of Way (ROW)	HR 9	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Signals & PTC	HR 10	1.0	0.0

		1.0	0.0
VBIED or IED		Threat	Criticality
Switches	HR 11	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Bridges	HR 12	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Elevated Track	HR 13	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Tunnels	HR 14	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Choke Points on ROW	HR 15	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Fire Suppression	HR 16	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality
Air Handling	HR 17	1.0	0.0
		1.0	0.0
VBIED or IED		Threat	Criticality

Power Generation/Distribution	HR 18	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Yards	HR 19	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Maintenance Barns/Facilities	HR 20	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Headquarters Building	HR 1	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Major Passenger Terminals	HR 2	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Major Line Stations	HR 3	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Parking Structures	HR 4	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Consist - Type 1	HR 5	1.0	0.0

	1.0	0.0
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Hijack	Threat	Criticality
Consist - Type 2 HR 6	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Primary Control Center HR 7	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Cyber Systems HR 8	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Right of Way (ROW) HR 9	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Signals & PTC HR 10	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Switches HR 11	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
Bridges HR 12	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality

Elevated Track	HR 13	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Tunnels	HR 14	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Choke Points on ROW	HR 15	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Fire Suppression	HR 16	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Air Handling	HR 17	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Power Generation/Distribution	HR 18	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Yards	HR 19	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Maintenance Barns/Facilities	HR 20	1.0	0.0
		1.0	0.0



Coordinated Complex Attack		Threat	Criticality
Headquarters Building	HR 1	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Major Passenger Terminals	HR 2	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Major Line Stations	HR 3	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Parking Structures	HR 4	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Consist - Type 1	HR 5	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Consist - Type 2	HR 6	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Primary Control Center	HR 7	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
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Cyber Systems	HR 8	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Right of Way (ROW)	HR 9	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Signals & PTC	HR 10	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Switches	HR 11	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Bridges	HR 12	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Elevated Track	HR 13	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Tunnels	HR 14	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Choke Points on ROW	HR 15	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Fire Suppression	HR 16	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Air Handling	HR 17	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Power Generation/Distribution	HR 18	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Yards	HR 19	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Maintenance Barns/Facilities	HR 20	1.0	0.0
		1.0	0.0



Cyber Attack		Threat	Criticality
Headquarters Building	HR 1	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Major Passenger Terminals	HR 2	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
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Major Line Stations	HR 3	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Parking Structures	HR 4	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Consist - Type 1	HR 5	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Consist - Type 2	HR 6	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Primary Control Center	HR 7	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Cyber Systems	HR 8	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Right of Way (ROW)	HR 9	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Signals & PTC	HR 10	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Switches	HR 11	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Bridges	HR 12	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Elevated Track	HR 13	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Tunnels	HR 14	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Choke Points on ROW	HR 15	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Fire Suppression	HR 16	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Air Handling	HR 17	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Power Generation/Distribution	HR 18	1.0	0.0

		1.0	0.0
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Cyber Attack		Threat	Criticality
Yards	HR 19	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Maintenance Barns/Facilities	HR 20	1.0	0.0
		1.0	0.0



Natural Disaster		Threat	Criticality
Headquarters Building	HR 1	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Major Passenger Terminals	HR 2	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Major Line Stations	HR 3	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Parking Structures	HR 4	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Consist - Type 1	HR 5	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Consist - Type 2	HR 6	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Primary Control Center	HR 7	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Cyber Systems	HR 8	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Right of Way (ROW)	HR 9	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Signals & PTC	HR 10	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Switches	HR 11	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Bridges	HR 12	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Elevated Track	HR 13	1.0	0.0

		1.0	0.0
Natural Disaster		Threat	Criticality
Tunnels	HR 14	1.0	0.0
		1.0	0.0
Natural Disaster		Threat	Criticality
Choke Points on ROW	HR 15	1.0	0.0
		1.0	0.0
Natural Disaster		Threat	Criticality
Fire Suppression	HR 16	1.0	0.0
		1.0	0.0
Natural Disaster		Threat	Criticality
Air Handling	HR 17	1.0	0.0
		1.0	0.0
Natural Disaster		Threat	Criticality
Power Generation/Distribution	HR 18	1.0	0.0
		1.0	0.0
Natural Disaster		Threat	Criticality
Yards	HR 19	1.0	0.0
		1.0	0.0
Natural Disaster		Threat	Criticality
Maintenance Barns/Facilities	HR 20	1.0	0.0
		1.0	0.0



Industrial Disaster		Threat	Criticality
Headquarters Building	HR 1		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Major Passenger Terminals	HR 2		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Major Line Stations	HR 3		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Parking Structures	HR 4		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Consist - Type 1	HR 5		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Consist - Type 2	HR 6		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Primary Control Center	HR 7		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Cyber Systems	HR 8		
		1.0	0.0

	1.0	0.0
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Industrial Disaster	Threat	Criticality
Right of Way (ROW) HR 9	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Signals & PTC HR 10	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Switches HR 11	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Bridges HR 12	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Elevated Track HR 13	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Tunnels HR 14	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Choke Points on ROW HR 15	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
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Fire Suppression	HR 16	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Air Handling	HR 17	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Power Generation/Distribution	HR 18	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Yards	HR 19	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Maintenance Barns/Facilities	HR 20	1.0	0.0
		1.0	0.0



Derailment/Collision		Threat	Criticality
Headquarters Building	HR 1	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Major Passenger Terminals	HR 2	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Major Line Stations	HR 3	1.0	0.0

		1.0	0.0
Derailment/Collision		Threat	Criticality
Parking Structures	HR 4	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Consist - Type 1	HR 5	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Consist - Type 2	HR 6	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Primary Control Center	HR 7	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Cyber Systems	HR 8	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Right of Way (ROW)	HR 9	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality
Signals & PTC	HR 10	1.0	0.0
		1.0	0.0
Derailment/Collision		Threat	Criticality

Switches	HR 11	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Bridges	HR 12	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Elevated Track	HR 13	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Tunnels	HR 14	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Choke Points on ROW	HR 15	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Fire Suppression	HR 16	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Air Handling	HR 17	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Power Generation/Distribution	HR 18	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Yards	HR 19	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Maintenance Barns/Facilities	HR 20	1.0	0.0
		1.0	0.0



Widespread Power Outage		Threat	Criticality
Headquarters Building	HR 1	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Major Passenger Terminals	HR 2	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Major Line Stations	HR 3	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Parking Structures	HR 4	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Consist - Type 1	HR 5	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
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Consist - Type 2	HR 6	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Primary Control Center	HR 7	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Cyber Systems	HR 8	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Right of Way (ROW)	HR 9	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Signals & PTC	HR 10	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Switches	HR 11	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Bridges	HR 12	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Elevated Track	HR 13	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Tunnels	HR 14	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Choke Points on ROW	HR 15	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Fire Suppression	HR 16	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Air Handling	HR 17	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Power Generation/Distribution	HR 18	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Yards	HR 19	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Maintenance Barns/Facilities	HR 20	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
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Headquarters Building	HR 1	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Major Passenger Terminals	HR 2	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Major Line Stations	HR 3	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Parking Structures	HR 4	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Consist - Type 1	HR 5	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Consist - Type 2	HR 6	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Primary Control Center	HR 7	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Cyber Systems	HR 8	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Right of Way (ROW)	HR 9	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Signals & PTC	HR 10	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Switches	HR 11	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Bridges	HR 12	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Elevated Track	HR 13	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Tunnels	HR 14	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Choke Points on ROW	HR 15	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Fire Suppression	HR 16	1.0	0.0

	1.0	0.0
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Weapon of Mass Destruction	Threat	Criticality
Air Handling HR 17	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Power Generation/Distribution HR 18	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Yards HR 19	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Maintenance Barns/Facilities HR 20	1.0	0.0
	1.0	0.0

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SENSITIVE SECURITY INFORMATION

over the incident word.

Heavy Rail Assets

Armed Assault/Active Shooter

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

VBIED or IED

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0		
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Hijack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0		
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Coordinated Complex Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Cyber Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0		
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Natural Disaster

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
0.0			

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
0.0			

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
0.0			

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
0.0			

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
0.0			

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
0.0			

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
0.0			

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0		
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Industrial Disaster

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0		
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Derailment/Collision

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0		
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Widespread Power Outage

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Weapon of Mass Destruction

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

SENSITIVE SECURITY INFORMATION

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Consequence		
Human	Economic	Psychological
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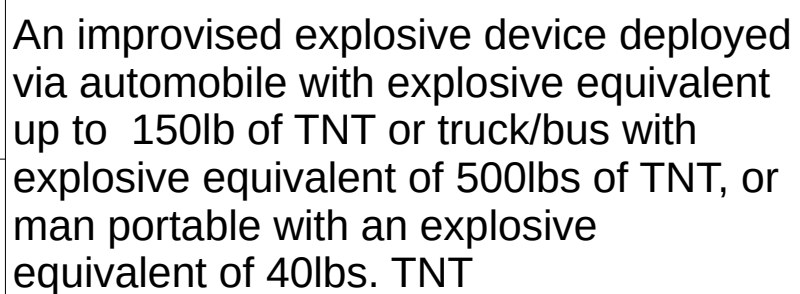
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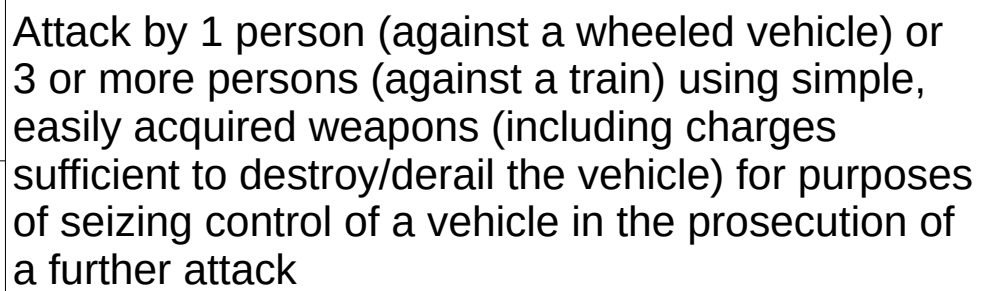
out a need to know, as defined in 49 CFR 1520, except with the written permission of agencies, public release is governed by 5 U.S.C. 522.

Lawrence Stanton:

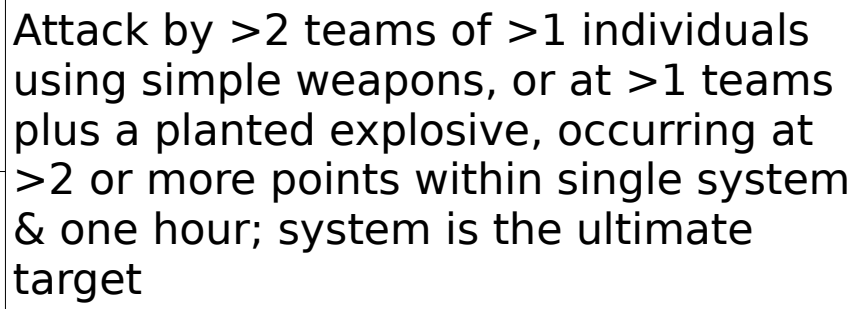
Attack by 1 or several individuals using simple, easily acquired weapons including vehicles, firearms, pipe bombs, suicide bombs



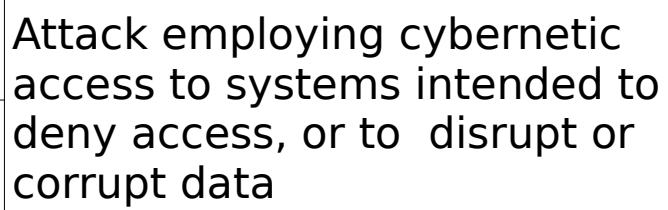
An improvised explosive device deployed via automobile with explosive equivalent up to 150lb of TNT or truck/bus with explosive equivalent of 500lbs of TNT, or man portable with an explosive equivalent of 40lbs. TNT



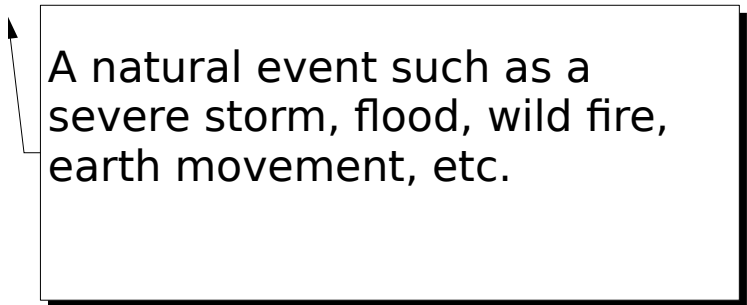
Attack by 1 person (against a wheeled vehicle) or 3 or more persons (against a train) using simple, easily acquired weapons (including charges sufficient to destroy/derail the vehicle) for purposes of seizing control of a vehicle in the prosecution of a further attack



Attack by >2 teams of >1 individuals using simple weapons, or at >1 teams plus a planted explosive, occurring at >2 or more points within single system & one hour; system is the ultimate target



Attack employing cybernetic access to systems intended to deny access, or to disrupt or corrupt data

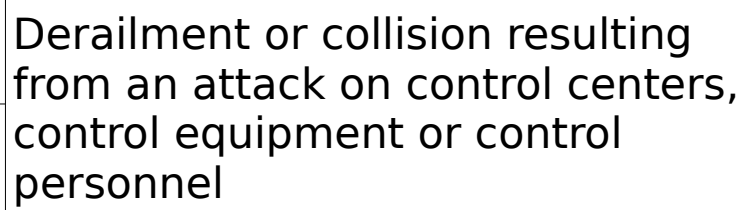


A natural event such as a
severe storm, flood, wild fire,
earth movement, etc.

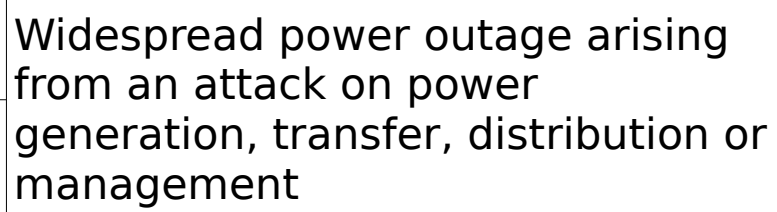


Lawrence Stanton:
Accidental or intentional disaster


at a major facility adjacent to or in a position to impact the system. Consider chemical spill, toxic release, explosion, train derailment, structure collapse, fire, etc.



Derailment or collision resulting from an attack on control centers, control equipment or control personnel



Widespread power outage arising from an attack on power generation, transfer, distribution or management



An attack employing a weapon of mass destruction, including a bio agent, a radiological dispersant device, a

chemical weapon or a nuclear device.

WARNING: This document contains Sensitive Security Information that is controlled by the FEMA Administrator, Washington, DC.

Incident types are defined in notes on the far right side of the table by holding the cursor over the cell.

Armed Assault/Active Shooter	Threat	Criticality
Headquarters Building LR 1	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Major Passenger Terminals LR 2	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Major Line Stations LR 3	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Parking Structures LR 4	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Consist - Type 1 LR 5	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Consist - Type 2 LR 6	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Primary Control Center LR 7	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Cyber Systems LR 8	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Right of Way (ROW) LR 9	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Signals & PTC LR 10	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Switches LR 11	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Bridges LR 12	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Elevated Track LR 13	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Tunnels LR 14		

	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Choke Points on ROW LR 15	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Fire Suppression LR 16	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Power Generation/Distribution LR 17	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Yards LR 18	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Maintenance Barns/Facilities LR 19	1.0	0.0
	1.0	0.0



VBIED or IED	Threat	Criticality
Headquarters Building LR 1	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
Major Passenger Terminals LR 2	1.0	0.0
	1.0	0.0

VBIED or IED		Threat	Criticality
Major Line Stations	LR 3	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Parking Structures	LR 4	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Consist - Type 1	LR 5	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Consist - Type 2	LR 6	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Primary Control Center	LR 7	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Cyber Systems	LR 8	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Right of Way (ROW)	LR 9	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Signals & PTC	LR 10		

		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Switches	LR 11	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Bridges	LR 12	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Elevated Track	LR 13	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Tunnels	LR 14	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Choke Points on ROW	LR 15	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Fire Suppression	LR 16	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Power Generation/Distribution	LR 17	1.0	0.0
		1.0	0.0

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VBIED or IED		Threat	Criticality
Yards	LR 18	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Maintenance Barns/Facilities	LR 19	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Headquarters Building	LR 1	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Major Passenger Terminals	LR 2	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Major Line Stations	LR 3	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Parking Structures	LR 4	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Consist - Type 1	LR 5	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Consist - Type 2	LR 6		

		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Primary Control Center	LR 7	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Cyber Systems	LR 8	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Right of Way (ROW)	LR 9	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Signals & PTC	LR 10	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Switches	LR 11	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Bridges	LR 12	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Elevated Track	LR 13	1.0	0.0
		1.0	0.0

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Hijack		Threat	Criticality
Tunnels	LR 14	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Choke Points on ROW	LR 15	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Fire Suppression	LR 16	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Power Generation/Distribution	LR 17	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Yards	LR 18	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Maintenance Barns/Facilities	LR 19	1.0	0.0
		1.0	0.0



Coordinated Complex Attack		Threat	Criticality
Headquarters Building	LR 1	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Major Passenger Terminals	LR 2		

	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Major Line Stations LR 3	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Parking Structures LR 4	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Consist - Type 1 LR 5	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Consist - Type 2 LR 6	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Primary Control Center LR 7	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Cyber Systems LR 8	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Right of Way (ROW) LR 9	1.0	0.0
	1.0	0.0

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Coordinated Complex Attack		Threat	Criticality
Signals & PTC	LR 10	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Switches	LR 11	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Bridges	LR 12	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Elevated Track	LR 13	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Tunnels	LR 14	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Choke Points on ROW	LR 15	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Fire Suppression	LR 16	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Power Generation/Distribution	LR 17	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Yards	LR 18	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Maintenance Barns/Facilities	LR 19	1.0	0.0
		1.0	0.0



Cyber Attack		Threat	Criticality
Headquarters Building	LR 1	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Major Passenger Terminals	LR 2	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Major Line Stations	LR 3	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Parking Structures	LR 4	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Consist - Type 1	LR 5	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Consist - Type 2	LR 6		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Primary Control Center	LR 7		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Cyber Systems	LR 8		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Right of Way (ROW)	LR 9		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Signals & PTC	LR 10		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Switches	LR 11		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Bridges	LR 12		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Elevated Track	LR 13		
		1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Tunnels	LR 14	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Choke Points on ROW	LR 15	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Fire Suppression	LR 16	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Power Generation/Distribution	LR 17	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Yards	LR 18	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Maintenance Barns/Facilities	LR 19	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Headquarters Building	LR 1	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Major Passenger Terminals	LR 2		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Major Line Stations	LR 3		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Parking Structures	LR 4		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Consist - Type 1	LR 5		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Consist - Type 2	LR 6		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Primary Control Center	LR 7		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Cyber Systems	LR 8		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Right of Way (ROW)	LR 9		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Signals & PTC	LR 10	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Switches	LR 11	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Bridges	LR 12	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Elevated Track	LR 13	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Tunnels	LR 14	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Choke Points on ROW	LR 15	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Fire Suppression	LR 16	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Power Generation/Distribution	LR 17		

		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Yards	LR 18	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Maintenance Barns/Facilities	LR 19	1.0	0.0
		1.0	0.0

Industrial Disaster

Industrial Disaster		Threat	Criticality
Headquarters Building	LR 1	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Major Passenger Terminals	LR 2	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Major Line Stations	LR 3	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Parking Structures	LR 4	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Consist - Type 1	LR 5	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Consist - Type 2	LR 6	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Primary Control Center	LR 7	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Cyber Systems	LR 8	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Right of Way (ROW)	LR 9	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Signals & PTC	LR 10	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Switches	LR 11	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Bridges	LR 12	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Elevated Track	LR 13		

		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Tunnels	LR 14	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Choke Points on ROW	LR 15	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Fire Suppression	LR 16	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Power Generation/Distribution	LR 17	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Yards	LR 18	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Maintenance Barns/Facilities	LR 19	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Headquarters Building	LR 1	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Major Passenger Terminals	LR 2	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Major Line Stations	LR 3	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Parking Structures	LR 4	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Consist - Type 1	LR 5	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Consist - Type 2	LR 6	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Primary Control Center	LR 7	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Cyber Systems	LR 8	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Right of Way (ROW)	LR 9		

		1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Signals & PTC	LR 10	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Switches	LR 11	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Bridges	LR 12	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Elevated Track	LR 13	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Tunnels	LR 14	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Choke Points on ROW	LR 15	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Fire Suppression	LR 16	1.0	0.0
		1.0	0.0

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Derailment/Collision		Threat	Criticality
Power Generation/Distribution	LR 17		
		1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Yards	LR 18		
		1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Maintenance Barns/Facilities	LR 19		
		1.0	0.0
		1.0	0.0



Widespread Power Outage		Threat	Criticality
Headquarters Building	LR 1		
		1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Major Passenger Terminals	LR 2		
		1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Major Line Stations	LR 3		
		1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Parking Structures	LR 4		
		1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Consist - Type 1	LR 5		

	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Consist - Type 2 LR 6	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Primary Control Center LR 7	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Cyber Systems LR 8	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Right of Way (ROW) LR 9	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Signals & PTC LR 10	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Switches LR 11	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Bridges LR 12	1.0	0.0
	1.0	0.0

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Widespread Power Outage		Threat	Criticality
Elevated Track	LR 13	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Tunnels	LR 14	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Choke Points on ROW	LR 15	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Fire Suppression	LR 16	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Power Generation/Distribution	LR 17	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Yards	LR 18	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Maintenance Barns/Facilities	LR 19	1.0	0.0
		1.0	0.0



Weapon of Mass Destruction		Threat	Criticality
Headquarters Building	LR 1		

	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Major Passenger Terminals LR 2	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Major Line Stations LR 3	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Parking Structures LR 4	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Consist - Type 1 LR 5	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Consist - Type 2 LR 6	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Primary Control Center LR 7	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Cyber Systems LR 8	1.0	0.0
	1.0	0.0

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Weapon of Mass Destruction		Threat	Criticality
Right of Way (ROW)	LR 9		
		1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Signals & PTC	LR 10		
		1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Switches	LR 11		
		1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Bridges	LR 12		
		1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Elevated Track	LR 13		
		1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Tunnels	LR 14		
		1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Choke Points on ROW	LR 15		
		1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Fire Suppression	LR 16		
		1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Power Generation/Distribution	LR 17	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Yards	LR 18	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Maintenance Barns/Facilities	LR 19	1.0	0.0
		1.0	0.0



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SENSITIVE SECURITY INFORMATION

over the incident word.

Light Rail Assets

Armed Assault/Active Shooter

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

VBIED or IED

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Hijack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Coordinated Complex Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Cyber Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		

	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Natural Disaster

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		

	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Industrial Disaster

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Derailment/Collision

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Widespread Power Outage

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Weapon of Mass Destruction

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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SENSITIVE SECURITY INFORMATION

Controlled under 49 CFR 1520. No part of this document may be released to persons with Unauthorized release may result in civil penalty or other action. For U.S. Government a

out a need to know, as defined in 49 CFR 1520, except with the written permission of agencies, public release is governed by 5 U.S.C. 522.



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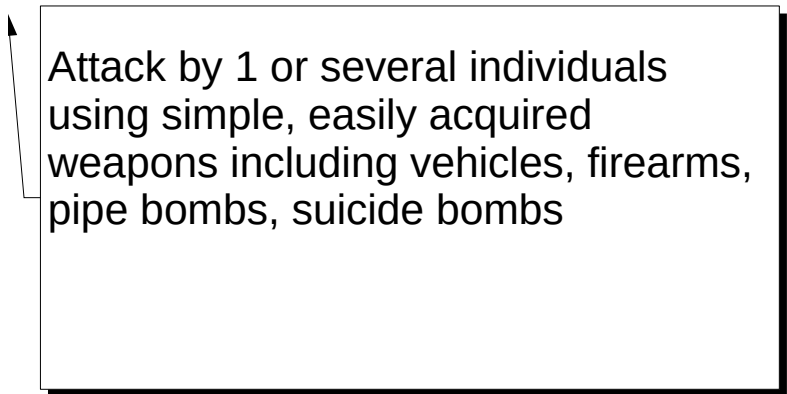
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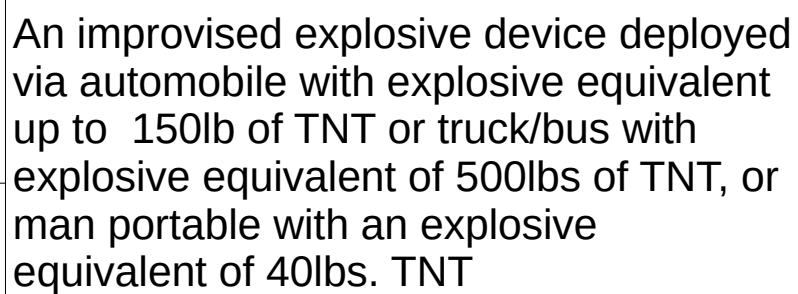
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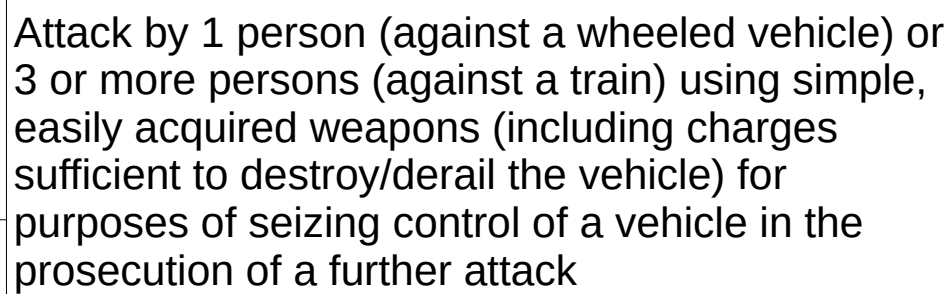
out a need to know, as defined in 49 CFR 1520, except with the written permission of agencies, public release is governed by 5 U.S.C. 522.



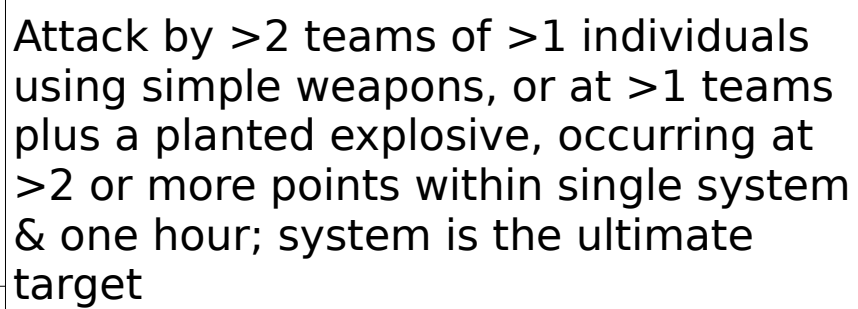
Attack by 1 or several individuals
using simple, easily acquired
weapons including vehicles, firearms,
pipe bombs, suicide bombs



An improvised explosive device deployed via automobile with explosive equivalent up to 150lb of TNT or truck/bus with explosive equivalent of 500lbs of TNT, or man portable with an explosive equivalent of 40lbs. TNT

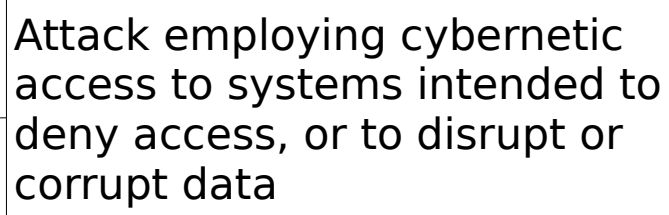


Attack by 1 person (against a wheeled vehicle) or 3 or more persons (against a train) using simple, easily acquired weapons (including charges sufficient to destroy/derail the vehicle) for purposes of seizing control of a vehicle in the prosecution of a further attack

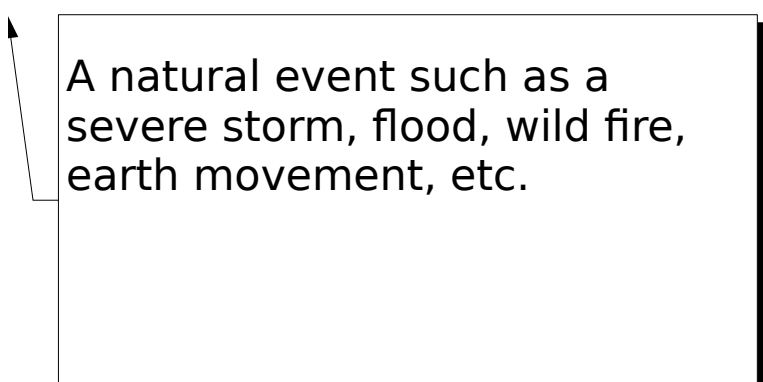


Attack by >2 teams of >1 individuals using simple weapons, or at >1 teams plus a planted explosive, occurring at >2 or more points within single system & one hour; system is the ultimate target

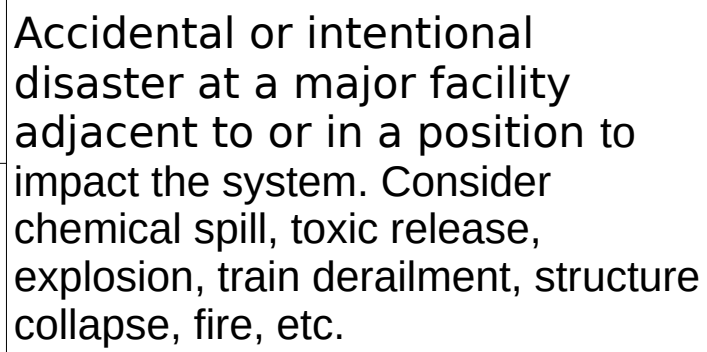




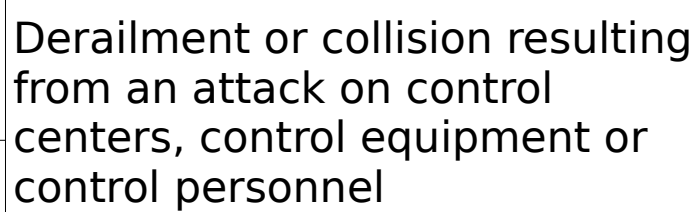
Attack employing cybernetic access to systems intended to deny access, or to disrupt or corrupt data



A natural event such as a severe storm, flood, wild fire, earth movement, etc.

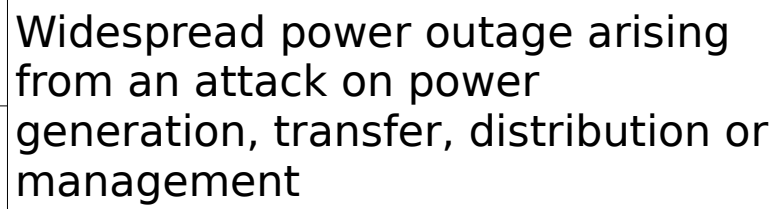


Accidental or intentional disaster at a major facility adjacent to or in a position to impact the system. Consider chemical spill, toxic release, explosion, train derailment, structure collapse, fire, etc.



Derailment or collision resulting from an attack on control centers, control equipment or control personnel





Widespread power outage arising from an attack on power generation, transfer, distribution or management

An attack employing a weapon of mass destruction, including a bio agent, a radiological dispersant device, a chemical

dispersant device, a chemical
weapon or a nuclear device.

WARNING: This document contains Sensitive Security Information that is controlled by the FEMA Administrator, Washington, DC.

Incident types are defined in notes on the far right side of the table by holding the cursor over the cell.

Armed Assault/Active Shooter	Threat	Criticality
Headquarters Building BUS 1	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
System Owned Bus Station BUS 2	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Bus - Type 1 BUS 3	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Bus - Type 2 BUS 4	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Dispatch/Control Center BUS 5	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Cyber Systems BUS 6	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Fueling Facilities/Depots	BUS 7	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Maintenance Barns/Facilities	BUS 8	1.0	0.0
		1.0	0.0



VBIED or IED		Threat	Criticality
Headquarters Building	BUS 1	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
System Owned Bus Station	BUS 2	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Bus - Type 1	BUS 3	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Bus - Type 2	BUS 4	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Dispatch/Control Center	BUS 5	1.0	0.0
		1.0	0.0

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VBIED or IED		Threat	Criticality
Cyber Systems	BUS 6		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Fueling Facilities/Depots	BUS 7		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Maintenance Barns/Facilities	BUS 8		
		1.0	0.0
		1.0	0.0



Hijack		Threat	Criticality
Headquarters Building	BUS 1		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
System Owned Bus Station	BUS 2		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Bus - Type 1	BUS 3		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Bus - Type 2	BUS 4		
		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Dispatch/Control Center	BUS 5		

		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Cyber Systems	BUS 6	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Fueling Facilities/Depots	BUS 7	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Maintenance Barns/Facilities	BUS 8	1.0	0.0
		1.0	0.0



Coordinated Complex Attack		Threat	Criticality
Headquarters Building	BUS 1	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
System Owned Bus Station	BUS 2	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Bus - Type 1	BUS 3	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Bus - Type 2	BUS 4	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Dispatch/Control Center	BUS 5	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Cyber Systems	BUS 6	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Fueling Facilities/Depots	BUS 7	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Maintenance Barns/Facilities	BUS 8	1.0	0.0
		1.0	0.0



Cyber Attack		Threat	Criticality
Headquarters Building	BUS 1	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
System Owned Bus Station	BUS 2	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Bus - Type 1	BUS 3	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Bus - Type 2	BUS 4	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Dispatch/Control Center	BUS 5	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Cyber Systems	BUS 6	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Fueling Facilities/Depots	BUS 7	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Maintenance Barns/Facilities	BUS 8	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Headquarters Building	BUS 1	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
System Owned Bus Station	BUS 2	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Bus - Type 1	BUS 3		

	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Bus - Type 2 BUS 4	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Dispatch/Control Center BUS 5	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Cyber Systems BUS 6	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Fueling Facilities/Depots BUS 7	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
Maintenance Barns/Facilities BUS 8	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
Headquarters Building BUS 1	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
System Owned Bus Station BUS 2	1.0	0.0
	1.0	0.0

Industrial Disaster		Threat	Criticality
Bus - Type 1	BUS 3	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Bus - Type 2	BUS 4	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Dispatch/Control Center	BUS 5	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Cyber Systems	BUS 6	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Fueling Facilities/Depots	BUS 7	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Maintenance Barns/Facilities	BUS 8	1.0	0.0
		1.0	0.0



Derailment/Collision		Threat	Criticality
Headquarters Building	BUS 1	1.0	0.0
		1.0	0.0



Derailment/Collision		Threat	Criticality
System Owned Bus Station	BUS 2	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Bus - Type 1	BUS 3	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Bus - Type 2	BUS 4	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Dispatch/Control Center	BUS 5	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Cyber Systems	BUS 6	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Fueling Facilities/Depots	BUS 7	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Maintenance Barns/Facilities	BUS 8	1.0	0.0
		1.0	0.0



Widespread Power Outage		Threat	Criticality
Headquarters Building	BUS 1		

	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
System Owned Bus Station BUS 2	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Bus - Type 1 BUS 3	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Bus - Type 2 BUS 4	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Dispatch/Control Center BUS 5	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Cyber Systems BUS 6	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Fueling Facilities/Depots BUS 7	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
Maintenance Barns/Facilities BUS 8	1.0	0.0
	1.0	0.0



Widespread Power Outage		Threat	Criticality
Headquarters Building	BUS 1	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
System Owned Bus Station	BUS 2	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Bus - Type 1	BUS 3	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Bus - Type 2	BUS 4	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Dispatch/Control Center	BUS 5	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Cyber Systems	BUS 6	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Fueling Facilities/Depots	BUS 7	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
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Maintenance Barns/Facilities	BUS 8	1.0	0.0
		1.0	0.0

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SENSITIVE SECURITY INFORMATION

over the incident word.

Bus System Assets

Armed Assault/Active Shooter

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

VBIED or IED

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		

	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Hijack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Coordinated Complex Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Cyber Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		

	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Natural Disaster

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Industrial Disaster

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Derailment/Collision

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		

	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Widespread Power Outage

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Weapon of Mass Destruction

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		



Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
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Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		



Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological

0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
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Consequence		
Human	Economic	Psychological
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Consequence		
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Human	Economic	Psychological
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Consequence		
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Consequence		
Human	Economic	Psychological
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Consequence		
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Human	Economic	Psychological
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Consequence		
Human	Economic	Psychological
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Consequence		
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Consequence		
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Consequence			
Human	Economic	Psychological	
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Consequence			
Human	Economic	Psychological	
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Human	Economic	Psychological	
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Human	Economic	Psychological	
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Human	Economic	Psychological	
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Consequence			
Human	Economic	Psychological	
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Consequence			
Human	Economic	Psychological	
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Consequence		
Human	Economic	Psychological
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Human	Economic	Psychological
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Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

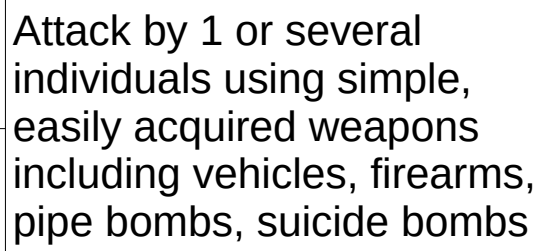
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Human	Economic	Psychological
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0.0		

Consequence		
Human	Economic	Psychological

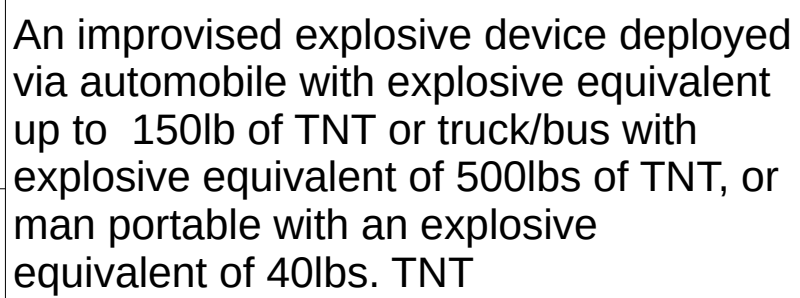
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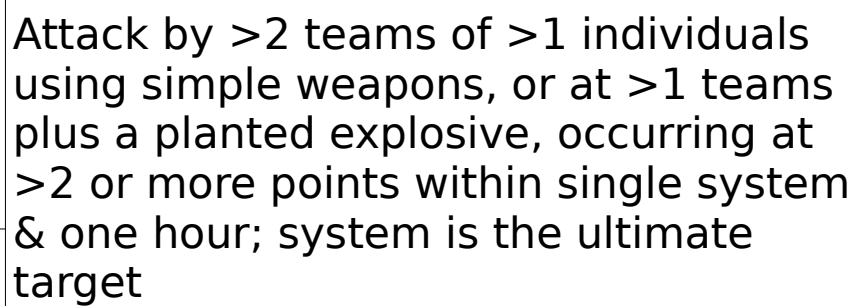


Attack by 1 or several individuals using simple, easily acquired weapons including vehicles, firearms, pipe bombs, suicide bombs

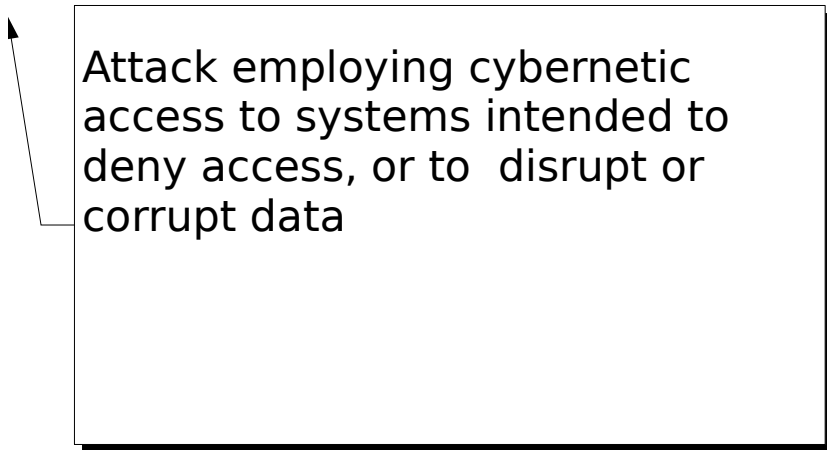


An improvised explosive device deployed via automobile with explosive equivalent up to 150lb of TNT or truck/bus with explosive equivalent of 500lbs of TNT, or man portable with an explosive equivalent of 40lbs. TNT

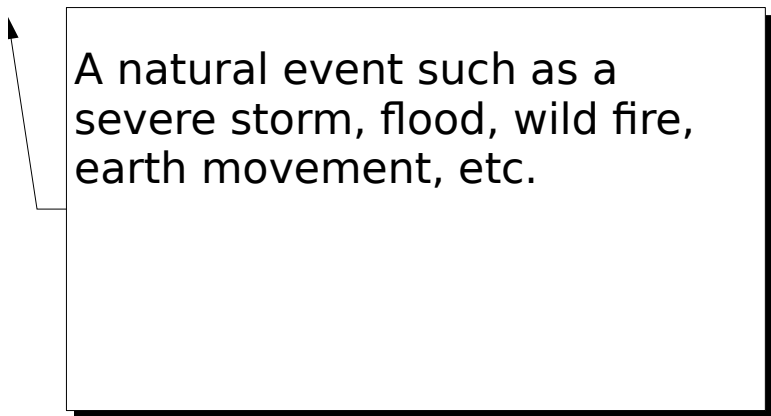
Attack by 1 person (against a wheeled vehicle) or 3 or more persons (against a train) using simple, easily acquired weapons (including charges sufficient to destroy/derail the vehicle) for purposes of seizing control of a vehicle in the prosecution of a further attack



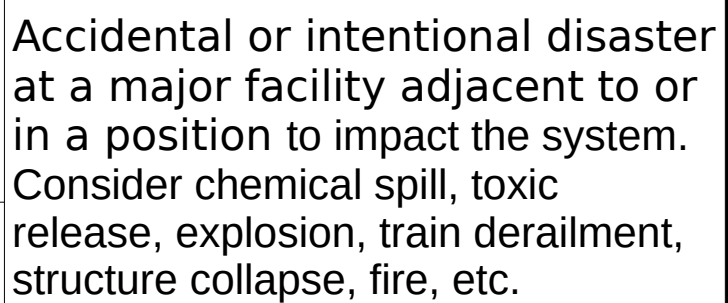
Attack by >2 teams of >1 individuals using simple weapons, or at >1 teams plus a planted explosive, occurring at >2 or more points within single system & one hour; system is the ultimate target



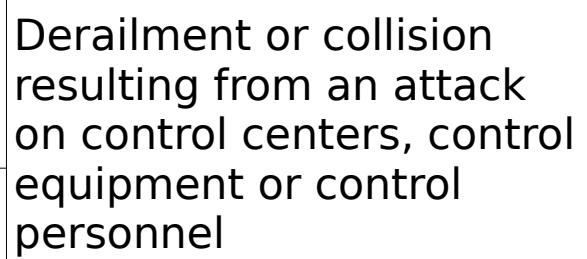
Attack employing cybernetic access to systems intended to deny access, or to disrupt or corrupt data




A natural event such as a severe storm, flood, wild fire, earth movement, etc.



Accidental or intentional disaster at a major facility adjacent to or in a position to impact the system. Consider chemical spill, toxic release, explosion, train derailment, structure collapse, fire, etc.

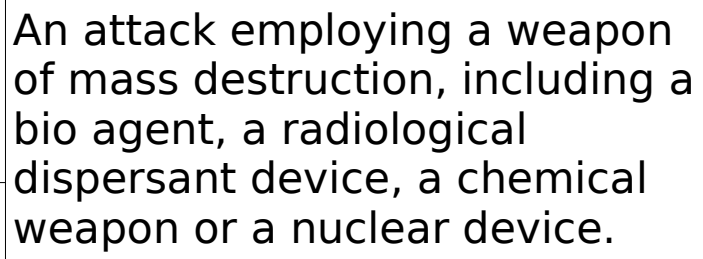


Derailment or collision
resulting from an attack
on control centers, control
equipment or control
personnel



Widespread power outage arising from an attack on power generation, transfer, distribution or management

management



An attack employing a weapon of mass destruction, including a bio agent, a radiological dispersant device, a chemical weapon or a nuclear device.

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Incident types are defined in notes on the far right side of the table by holding the cursor over the cell.

Armed Assault/Active Shooter	Threat	Criticality
Headquarters Building FS 1	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
System Owned Ferry Terminals FS 2	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Parking Structures FS 3	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Ferry Vessel - Type 1 FS 4	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Ferry Vessel - Type 2 FS 5	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
Primary Control Center FS 6	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Cyber Systems	FS 7	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Aids to Navigation	FS 8	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Support Craft	FS 9	1.0	0.0
		1.0	0.0

Armed Assault/Active Shooter		Threat	Criticality
Maintenance Facilities	FS 10	1.0	0.0
		1.0	0.0



VBIED or IED		Threat	Criticality
Headquarters Building	FS 1	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
System Owned Ferry Terminals	FS 2	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Parking Structures	FS 3	1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Ferry Vessel - Type 1	FS 4		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Ferry Vessel - Type 2	FS 5		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Primary Control Center	FS 6		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Cyber Systems	FS 7		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Aids to Navigation	FS 8		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Support Craft	FS 9		
		1.0	0.0
		1.0	0.0

VBIED or IED		Threat	Criticality
Maintenance Facilities	FS 10		
		1.0	0.0
		1.0	0.0



Hijack		Threat	Criticality
Headquarters Building	FS 1		

		1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
System Owned Ferry Terminals	FS 2	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Parking Structures	FS 3	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Ferry Vessel - Type 1	FS 4	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Ferry Vessel - Type 2	FS 5	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Primary Control Center	FS 6	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Cyber Systems	FS 7	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Aids to Navigation	FS 8	1.0	0.0
		1.0	0.0

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Hijack		Threat	Criticality
Support Craft	FS 9	1.0	0.0
		1.0	0.0

Hijack		Threat	Criticality
Maintenance Facilities	FS 10	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Headquarters Building	FS 1	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
System Owned Ferry Terminals	FS 2	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Parking Structures	FS 3	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Ferry Vessel - Type 1	FS 4	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Ferry Vessel - Type 2	FS 5	1.0	0.0
		1.0	0.0

Coordinated Complex Attack		Threat	Criticality
Primary Control Center	FS 6		

	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Cyber Systems FS 7	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Aids to Navigation FS 8	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Support Craft FS 9	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
Maintenance Facilities FS 10	1.0	0.0
	1.0	0.0



Cyber Attack	Threat	Criticality
Headquarters Building FS 1	1.0	0.0
	1.0	0.0

Cyber Attack	Threat	Criticality
System Owned Ferry Terminals FS 2	1.0	0.0
	1.0	0.0

Cyber Attack	Threat	Criticality
Parking Structures FS 3	1.0	0.0
	1.0	0.0

Cyber Attack		Threat	Criticality
Ferry Vessel - Type 1	FS 4	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Ferry Vessel - Type 2	FS 5	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Primary Control Center	FS 6	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Cyber Systems	FS 7	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Aids to Navigation	FS 8	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Support Craft	FS 9	1.0	0.0
		1.0	0.0

Cyber Attack		Threat	Criticality
Maintenance Facilities	FS 10	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Headquarters Building	FS 1		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
System Owned Ferry Terminals	FS 2		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Parking Structures	FS 3		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Ferry Vessel - Type 1	FS 4		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Ferry Vessel - Type 2	FS 5		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Primary Control Center	FS 6		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Cyber Systems	FS 7		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Aids to Navigation	FS 8		
		1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Support Craft	FS 9	1.0	0.0
		1.0	0.0

Natural Disaster		Threat	Criticality
Maintenance Facilities	FS 10	1.0	0.0
		1.0	0.0



Industrial Disaster		Threat	Criticality
Headquarters Building	FS 1	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
System Owned Ferry Terminals	FS 2	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Parking Structures	FS 3	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Ferry Vessel - Type 1	FS 4	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Ferry Vessel - Type 2	FS 5	1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Primary Control Center	FS 6		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Cyber Systems	FS 7		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Aids to Navigation	FS 8		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Support Craft	FS 9		
		1.0	0.0
		1.0	0.0

Industrial Disaster		Threat	Criticality
Maintenance Facilities	FS 10		
		1.0	0.0
		1.0	0.0



Derailment/Collision		Threat	Criticality
Headquarters Building	FS 1		
		1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
System Owned Ferry Terminals	FS 2		
		1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Parking Structures	FS 3		

		1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Ferry Vessel - Type 1	FS 4	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Ferry Vessel - Type 2	FS 5	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Primary Control Center	FS 6	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Cyber Systems	FS 7	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Aids to Navigation	FS 8	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Support Craft	FS 9	1.0	0.0
		1.0	0.0

Derailment/Collision		Threat	Criticality
Maintenance Facilities	FS 10	1.0	0.0
		1.0	0.0



Widespread Power Outage		Threat	Criticality
Headquarters Building	FS 1	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
System Owned Ferry Terminals	FS 2	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Parking Structures	FS 3	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Ferry Vessel - Type 1	FS 4	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Ferry Vessel - Type 2	FS 5	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Primary Control Center	FS 6	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Cyber Systems	FS 7	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
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Aids to Navigation	FS 8	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Support Craft	FS 9	1.0	0.0
		1.0	0.0

Widespread Power Outage		Threat	Criticality
Maintenance Facilities	FS 10	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Headquarters Building	FS 1	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
System Owned Ferry Terminals	FS 2	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Parking Structures	FS 3	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Ferry Vessel - Type 1	FS 4	1.0	0.0
		1.0	0.0

Weapon of Mass Destruction		Threat	Criticality
Ferry Vessel - Type 2	FS 5	1.0	0.0

	1.0	0.0
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Weapon of Mass Destruction	Threat	Criticality
Primary Control Center FS 6	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Cyber Systems FS 7	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Aids to Navigation FS 8	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Support Craft FS 9	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
Maintenance Facilities FS 10	1.0	0.0
	1.0	0.0

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SENSITIVE SECURITY INFORMATION

over the incident word.

Primary Effect Attacks on Ferry Service Assets

Armed Assault/Active Shooter

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

VBIED or IED

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		

	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Hijack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Coordinated Complex Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Cyber Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

Natural Disaster

Vulnerability

	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Industrial Disaster

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		

	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

Derailment/Collision

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
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Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
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Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
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Vulnerability			
	Exposure	Protective Measures	Robustness/Resilience
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Widespread Power Outage

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Weapon of Mass Destruction

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

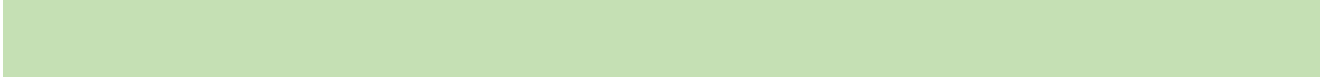
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	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
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Consequence		
Human	Economic	Psychological
0.0	0.0	0.0
0.0		

Consequence		
Human	Economic	Psychological
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Consequence		
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Consequence		
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Consequence		
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Human	Economic	Psychological
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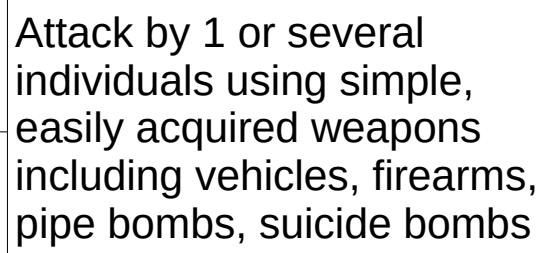
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Human	Economic	Psychological
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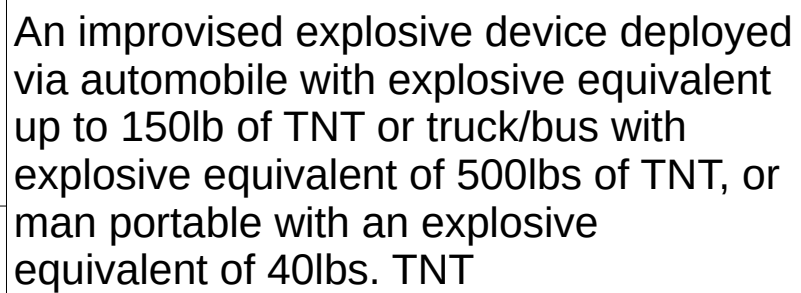
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Attack by 1 or several individuals using simple, easily acquired weapons including vehicles, firearms, pipe bombs, suicide bombs

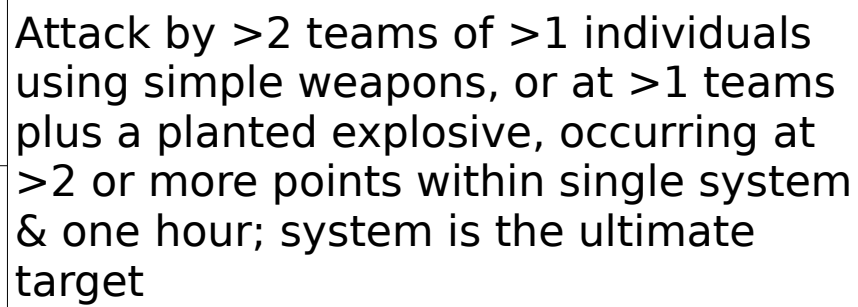


An improvised explosive device deployed via automobile with explosive equivalent up to 150lb of TNT or truck/bus with explosive equivalent of 500lbs of TNT, or man portable with an explosive equivalent of 40lbs. TNT

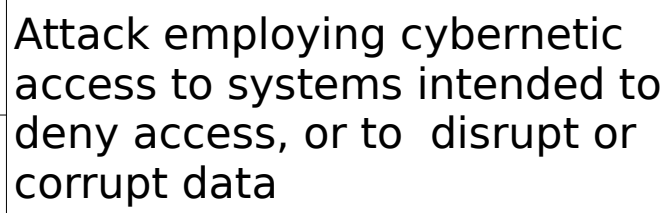


Attack by 1 person (against a wheeled vehicle) or 3 or more persons (against a train) using simple, easily acquired weapons (including charges sufficient to destroy/derail the vehicle) for purposes

competent to destroy/detain the vehicle) for purposes of seizing control of a vehicle in the prosecution of a further attack



Attack by >2 teams of >1 individuals using simple weapons, or at >1 teams plus a planted explosive, occurring at >2 or more points within single system & one hour; system is the ultimate target

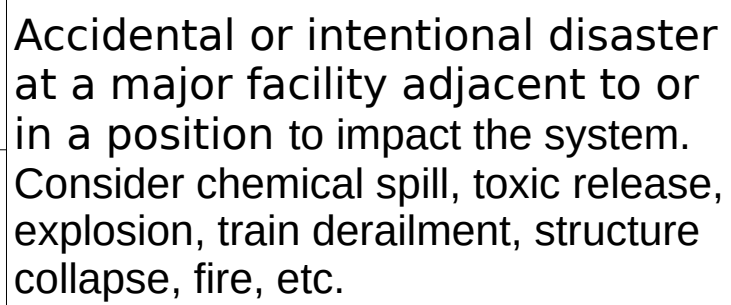


Attack employing cybernetic access to systems intended to deny access, or to disrupt or corrupt data

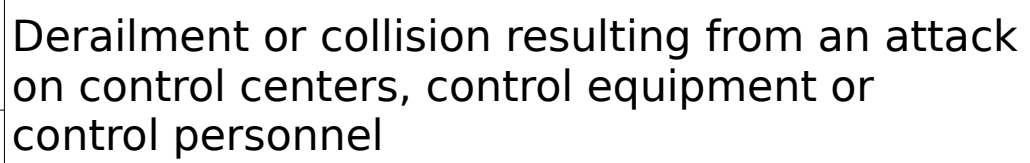


A natural event such as a
severe storm, flood, wild fire,

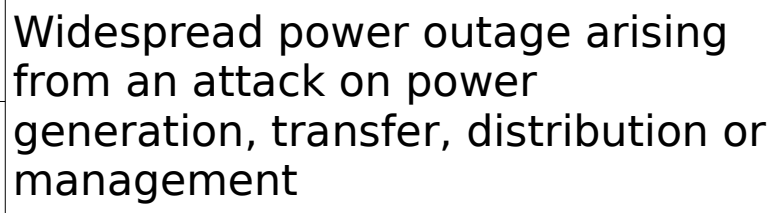
earth movement, etc.



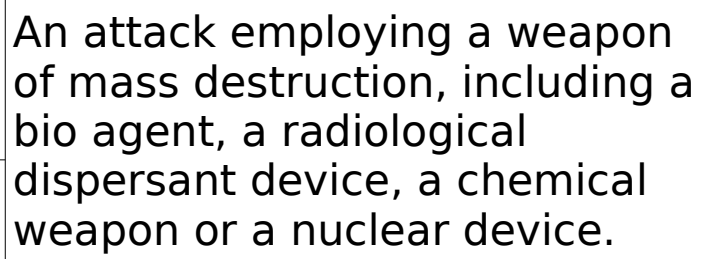
Accidental or intentional disaster at a major facility adjacent to or in a position to impact the system. Consider chemical spill, toxic release, explosion, train derailment, structure collapse, fire, etc.



Derailment or collision resulting from an attack on control centers, control equipment or control personnel



Widespread power outage arising from an attack on power generation, transfer, distribution or management



An attack employing a weapon of mass destruction, including a bio agent, a radiological dispersant device, a chemical weapon or a nuclear device.

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Incident types are defined in notes on the far right side of the table by holding the cursor over the cell.

Armed Assault/Active Shooter	Threat	Criticality
AA 1	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
AA 2	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
AA 3	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
AA 4	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
AA 5	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
AA 6	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
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AA 7	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
AA 8	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
AA 9	1.0	0.0
	1.0	0.0

Armed Assault/Active Shooter	Threat	Criticality
AA 10	1.0	0.0
	1.0	0.0



VBIED or IED	Threat	Criticality
AA 1	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
AA 2	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
AA 3	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
AA 4	1.0	0.0
	1.0	0.0

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VBIED or IED	Threat	Criticality
AA 5	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
AA 6	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
AA 7	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
AA 8	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
AA 9	1.0	0.0
	1.0	0.0

VBIED or IED	Threat	Criticality
AA 10	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
AA 1	1.0	0.0
	1.0	0.0

Hijack	Threat	Criticality
AA 2	1.0	0.0
	1.0	0.0

		Threat	Criticality
Hijack	AA 3	1.0	0.0
		1.0	0.0

		Threat	Criticality
Hijack	AA 4	1.0	0.0
		1.0	0.0

		Threat	Criticality
Hijack	AA 5	1.0	0.0
		1.0	0.0

		Threat	Criticality
Hijack	AA 6	1.0	0.0
		1.0	0.0

		Threat	Criticality
Hijack	AA 7	1.0	0.0
		1.0	0.0

		Threat	Criticality
Hijack	AA 8	1.0	0.0
		1.0	0.0

		Threat	Criticality
Hijack	AA 9	1.0	0.0
		1.0	0.0

		Threat	Criticality
Hijack	AA 10	1.0	0.0
		1.0	0.0



Coordinated Complex Attack	Threat	Criticality
AA 1	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
AA 2	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
AA 3	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
AA 4	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
AA 5	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
AA 6	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
AA 7	1.0	0.0
	1.0	0.0

Coordinated Complex Attack	Threat	Criticality
AA 8	1.0	0.0
	1.0	0.0

	Threat	Criticality
Coordinated Complex Attack		
AA 9	1.0	0.0
	1.0	0.0

	Threat	Criticality
Coordinated Complex Attack		
AA 10	1.0	0.0
	1.0	0.0

	Threat	Criticality
Cyber Attack		
AA 1	1.0	0.0
	1.0	0.0

	Threat	Criticality
Cyber Attack		
AA 2	1.0	0.0
	1.0	0.0

	Threat	Criticality
Cyber Attack		
AA 3	1.0	0.0
	1.0	0.0

	Threat	Criticality
Cyber Attack		
AA 4	1.0	0.0
	1.0	0.0

	Threat	Criticality
Cyber Attack		
AA 5	1.0	0.0
	1.0	0.0

	Threat	Criticality
Cyber Attack		
AA 6	1.0	0.0

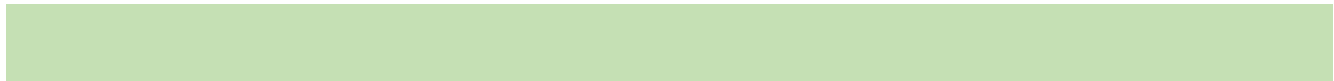
	1.0	0.0
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Cyber Attack	Threat	Criticality
AA 7	1.0	0.0
	1.0	0.0

Cyber Attack	Threat	Criticality
AA 8	1.0	0.0
	1.0	0.0

Cyber Attack	Threat	Criticality
AA 9	1.0	0.0
	1.0	0.0

Cyber Attack	Threat	Criticality
AA 10	1.0	0.0
	1.0	0.0



Natural Disaster	Threat	Criticality
AA 1	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
AA 2	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
AA 3	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
AA 4	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
AA 5	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
AA 6	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
AA 7	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
AA 8	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
AA 9	1.0	0.0
	1.0	0.0

Natural Disaster	Threat	Criticality
AA 10	1.0	0.0
	1.0	0.0

Industrial Disaster	Threat	Criticality
AA 1	1.0	0.0

	1.0	0.0
Industrial Disaster	Threat	Criticality
AA 2	1.0	0.0
	1.0	0.0
Industrial Disaster	Threat	Criticality
AA 3	1.0	0.0
	1.0	0.0
Industrial Disaster	Threat	Criticality
AA 4	1.0	0.0
	1.0	0.0
Industrial Disaster	Threat	Criticality
AA 5	1.0	0.0
	1.0	0.0
Industrial Disaster	Threat	Criticality
AA 6	1.0	0.0
	1.0	0.0
Industrial Disaster	Threat	Criticality
AA 7	1.0	0.0
	1.0	0.0
Industrial Disaster	Threat	Criticality
AA 8	1.0	0.0
	1.0	0.0
Industrial Disaster	Threat	Criticality
AA 9	1.0	0.0

	1.0	0.0
Industrial Disaster	Threat	Criticality
AA 10	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
AA 1	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
AA 2	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
AA 3	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
AA 4	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
AA 5	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
AA 6	1.0	0.0
	1.0	0.0

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Derailment/Collision	Threat	Criticality
AA 7	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
AA 8	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
AA 9	1.0	0.0
	1.0	0.0

Derailment/Collision	Threat	Criticality
AA 10	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 1	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 2	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 3	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 4	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 5	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 6	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 7	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 8	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 9	1.0	0.0
	1.0	0.0

Widespread Power Outage	Threat	Criticality
AA 10	1.0	0.0
	1.0	0.0

Typ

Weapon of Mass Destruction	Threat	Criticality
AA 1	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
AA 2	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
AA 3	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
AA 4	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
AA 5	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
AA 6	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
AA 7	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
AA 8	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
AA 9	1.0	0.0
	1.0	0.0

Weapon of Mass Destruction	Threat	Criticality
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AA 10	1.0	0.0
	1.0	0.0



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SENSITIVE SECURITY INFORMATION

over the incident word.

Type 1 Incidents: Primary Effect Incidents

Armed Assault/Active Shooter

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

VBIED or IED

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Hijack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Coordinated Complex Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Cyber Attack

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0		
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Type 2 Incidents: Secondary Effect Incidents

Natural Disaster

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Industrial Disaster

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0		
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0

	0.0		
--	-----	--	--

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Derailment/Collision

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
--	---------------	--	--

	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

Widespread Power Outage

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

3 Incidents: Low Probability - Extreme Consequence

Weapon of Mass Destruction

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
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	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
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	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience
	0.0	0.0	0.0
	0.0		

	Vulnerability		
	Exposure	Protective Measures	Robustness/Resilience

	0.0	0.0	0.0
	0.0		

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Consequence		
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Human	Economic	Psychological

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Lawrence Stanton:

Attack by 1 or several individuals using simple, easily acquired weapons including vehicles, firearms, pipe bombs, suicide bombs

Lawrence Stanton:

An improvised explosive device deployed via automobile with explosive equivalent up to 150lb of TNT or truck/bus with explosive equivalent of 500lbs of TNT, or man portable with an explosive equivalent of 40lbs. TNT



Lawrence Stanton:

Attack by 1 person (against a wheeled vehicle) or 3 or more persons (against a train) using simple, easily acquired weapons (including charges sufficient to destroy/derail the vehicle) for purposes of seizing control of a vehicle in the prosecution of a further attack

Lawrence Stanton:

Attack by >2 teams of >1 individuals using simple weapons, or at >1 teams plus a planted explosive, occurring at >2 or more points within single system & one hour; system is the ultimate target

Lawrence Stanton:

Attack employing cybernetic access to systems intended to deny access, or to disrupt or corrupt data

Lawrence Stanton:


A natural event such as a
severe storm, flood, wild fire,
earth movement, etc.

Lawrence Stanton:

Accidental or intentional disaster at a major facility adjacent to or in a position to impact the system. Consider chemical spill, toxic release, explosion, train derailment, structure collapse, fire, etc.

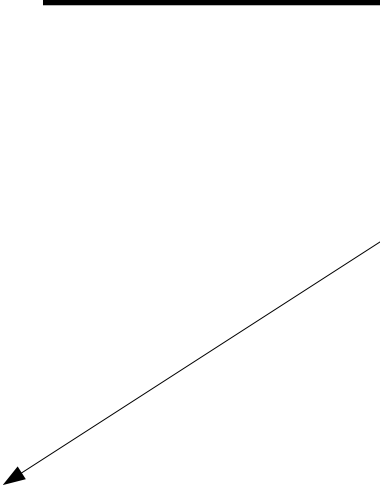
Lawrence Stanton:

Widespread power outage arising
from an attack on power
generation, transfer, distribution or
management



Lawrence Stanton:

An attack employing a weapon of mass destruction, including a bio agent, a radiological dispersant device, a chemical weapon or a nuclear device.



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Date:		Risk
Facilitator:		Rec

NOTES:

Asset Category	Asset Type	#
Commuter Rail System Public Area	Headquarters Building	CR 1
	Major Passenger Terminals	CR 2
	Major Line Stations	CR 3
	Parking Structures	CR 4
Commuter Rail System Rolling Stock	Consist - Type 1	CR 5
	Consist - Type 2	CR 6
	Primary Control Center	CR 7
Commuter Rail System Control	Control Towers	CR 8
	Cyber Systems	CR 9
	Right of Way (ROW)	CR 10
Commuter Rail System Operations	Signals & PTC	CR 11
	Switches	CR 12
Commuter Rail System ROW Infrastructure	Bridges	CR 13
	Elevated Track	CR 14
	Tunnels	CR 15
	Choke Points on ROW	CR 16
Commuter Rail System Safety	Fire Suppression	CR 17
	Air Handling	CR 18
Commuter Rail System Support	Power Generation/Distribution	CR 19
	Yards	CR 20
	Maintenance Barns/Facilities	CR 21
H		
Heavy Rail System Public Area	Headquarters Building	HR 1
	Major Passenger Terminals	HR 2
	Major Line Stations	HR 3

	Parking Structures	HR 4
Heavy Rail System Rolling Stock	Consist - Type 1	HR 5
	Consist - Type 2	HR 6
Heavy Rail System Control	Primary Control Center	HR 7
	Cyber Systems	HR 8
	Right of Way (ROW)	HR 9
Heavy Rail System Operations	Signals & PTC	HR 10
	Switches	HR 11
Heavy Rail System ROW Infrastructure	Bridges	HR 12
	Elevated Track	HR 13
	Tunnels	HR 14
	Choke Points on ROW	HR 15
Heavy Rail System Safety	Fire Suppression	HR 16
	Air Handling	HR 17
Heavy Rail System Support	Power Generation/Distribution	HR 18
	Yards	HR 19
	Maintenance Barns/Facilities	HR 20

Light Rail System Public Area	Headquarters Building	LR 1
	Major Passenger Terminals	LR 2
	Major Line Stations	LR 3
	Parking Structures	LR 4
Light Rail System Rolling Stock	Consist - Type 1	LR 5
	Consist - Type 2	LR 6
Light Rail System Control	Primary Control Center	LR 7
	Cyber Systems	LR 9
	Right of Way (ROW)	LR 8
Light Rail System Operations	Signals & PTC	LR 10
	Switches	LR 11
Light Rail System ROW Infrastructure	Bridges	LR 12
	Elevated Track	LR 13
	Tunnels	LR 14
	Choke Points on ROW	LR 15
Light Rail System Safety	Fire Suppression	LR 16
Light Rail System Support	Power Generation/Distribution	LR 17
	Yards	LR 18
	Maintenance Barns/Facilities	LR 19

Bus (Intr

Bus System Public Area	Headquarters Building	BUS 1
	System Owned Bus Station	BUS 2
Bus System Rolling Stock	Bus - Type 1	BUS 3
	Bus - Type 2	BUS 4
Bus System Control	Dispatch/Control Center	BUS 5
	Cyber Systems	BUS 6
Bus System Support	Fueling Facilities/Depots	BUS 7
	Maintenance Barns/Facilities	BUS 8

Ferry System Public Area	Headquarters Building	FS 1
	System Owned Ferry Terminals	FS 2
	Parking Structures	FS 3
Ferry System Vessels	Ferry Vessel - Type 1	FS 4
	Ferry Vessel - Type 2	FS 5
Ferry System Control	Primary Control Center	FS 6
	Cyber Systems	FS 7
Ferry System Operations	Aids to Navigation	FS 8
	Support Craft	FS 9
Ferry System Support	Maintenance Facilities	FS 10

Additi

		AA 1
		AA 2
		AA 3
		AA 4
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		AA 6
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		AA 8
		AA 9
		AA 10

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Ferry Service

Personal Assets Considered

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Notes

Notes

without a need to know, as defined in 49
U.S. Government agencies, public release