Critical Infrastructure v1.2

Prioritization Criteria

Economic

○ 3 - more than $100 million loss to the state economy

○ 2 - more than $10 million in loss to the state economy

○ 1 - more than $1 million in loss to the state economy

○ 0 - Does not meet thresholds ◄

Fatalities

○ 9 - Maximum occupancy of 5,000+

○ 6 - Maximum occupancy of 1,000 - 4,999

○ 3 - Maximum occupancy of 1- 999

○ 0 - Does not meet thresholds ◄

National Security / Life Safety

○ 9 - Impacts are grave and regional, serious and regional, or grave and regional

○ 6 - Impacts are serious and sub-regional, serious and sub-regional, moderate and regional, or grave and regional

○ 3 - Impacts are moderate and sub-regional

○ 3 - Impacts are serious and local

○ 0 - Does not meet thresholds ◄

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Population Affected

Impact on Population

○ 6 - Impacts are grave and regional, serious and regional, or grave and regional

○ 4 - Impacts are serious and sub-regional, serious and sub-regional, moderate and regional, or grave and local

○ 2 - Impacts are moderate and sub-regional, or serious and local

○ 0 - Does not meet thresholds <

Could an incident at the asset reasonably be expected to result in a mass evacuation?

○ 3 - Yes - evacuation of 100+ people would result.

○ 1 - No - evacuation of 100+ people would not result.

○ 1 - Does not meet minimum threshold - question does not apply <

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General Impact

○ 6 - Impacts are grave and regional, serious and regional, or grave and sub-regional

○ 4 - Impacts are serious and sub-regional, moderate and regional, or grave and local

○ 2 - Impacts are moderate and sub-regional or serious and local

○ 0 - Does not meet thresholds   <

Does the facility employ critical specialized personnel?

○ 3- Yes - the asset employs critical, specialized personnel.

○ 1 - No - the asset does not employ critical, specialized personnel.

○ 1- Does not meet minimum threshold - question does not apply   <

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Additional Potential Impacts

Overall Impact

○ 6 - Failure would significantly impact the functionality of a Level 3 facility

○ 4 - Failure would significantly impact the functionality of a Level 4 facility

○ 2 - Failure would significantly impact the functionality of a Level 5 facility

○ 0 - Does not meet thresholds   `<`

Is the asset a dual-purpose or multiple purpose facility?

○ 2 - No -- the asset is part of only 1 critical infrastructure

○ 1 - Does not meet minimum threshold - question does not apply

○ 1 - Yes -- Multiple sectors   `<`

○ 3 - Yes - Chemical

○ 3 - Yes - Commercial

○ 3 - Yes - Communications

○ 3 - Yes - Critical Manufacturing

○ 3 - Yes - Dams

○ 3 - Yes - Defense Industrial Base

○ 3 - Yes - Emergency Services   `<`

○ 3 - Yes - Energy

○ 3 - Yes - Financial Services

○ 3 - Yes - Food and Agriculture

○ 3 - Yes - Government

○ 3 - Yes -- Healthcare and Public Health

○ 3 - Yes -- Information Technology

○ 3 - Yes -- Nuclear

○ 3 - Yes -- Transportation Systems

○ 3 - Yes -- Water and Wastewater

Lifeline CI?

○ 9 - Provides a lifeline sector service to state/multi-state region/nation

○ 6 - Provides a lifeline sector service to multiple counties

○ 3 - Provides a lifeline sector service to a city or county

○ 0 - Does not meet thresholds

Cyber-Dependent

○ 3 - a cybersecurity incident could reasonably result in critical impact to public health or safety, or economic security if impacts are grave and regional, serious and regional, or grave and sub-regional

○ 2 - a cybersecurity incident could reasonably result in serious impact to public health or safety, or economic security if impacts are serious and sub-regional, moderate and regional, or grave and local

○ 1 - a cybersecurity incident could reasonably result in moderate impact to public health or safety, or economic security if impacts are moderate and sub-regional or serious and local

○ 0 - Does not meet thresholds

— **Score Summary** ▶ ─────────────────────────────

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V 1.00 02/08/23

https://risp-cusec.opendata.arcgis.com/pages/cusec-cikr-template

Need a process to inform which criteria and threshold values:

- Who decides which criteria and threshold values?
    - Planner
    - Planning chief
    - Response, Recovery
    - Chief of staff
    - Director
    - Senior advisory committee
    - Governor
    - Other

- Who does the assessments?
    - Staff
    - Counties
    - Other state agencies (sector\ESF reps or stewards?)

- Training?
    - For data collection, gathering for site inventories
    - For assessments, updates

- Refresh cycles?
    - How long till the data are stale?
    - What to do to prevent spoilage or gaps?
    - Process(es) to refresh
        - County mitigation plans
        - LEPC planning efforts
        - Other agencies' planning and update cycles

Goal is to implement the CUSEC tools\templates on prem after we complete our migration to ESRI Portal by the end of February 2023.

IDHS GIS can make the tools available on a need to know basis – adding\editing data in a demo (open public facing) manner will NOT require licensing ($20/user/month).

IDHS GIS can cover cost to tweek criteria and thresholds to get to a final state.

Launch of a final secure version will happen after we determine which processes to implement and how to best obtain good outcomes with each. And funding.