

Lifeline

Component

Component

Use of Community Lifelines Construct in CR '22

Subcomponent

Subcomponent

Subcomponent

Subcomponent

Subcomponent

Subcomponent

Subcomponent

Subcomponent

Community Lifelines Defined

A CONSTRUCT FOR OBJECTIVES-BASED STABILIZATION EFFORTS

A lifeline enables the continuous operation of critical government and business functions and is essential to human health and safety or economic security.



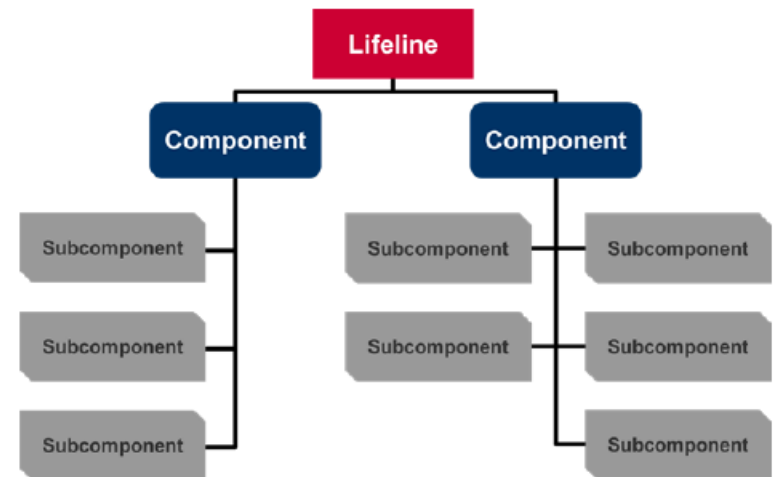
- Lifelines are the most fundamental services in the community that, when stabilized, enable all other aspects of society to function
- Lifelines are the integrated network of assets, services, and capabilities that are used day-to-day to support the recurring needs of the community
- When disrupted, decisive intervention (e.g., rapid service re-establishment or employment of contingency response solutions) is required to stabilize the incident

Deconstructing Community Lifelines

- Each lifeline is composed of multiple components and subcomponents that help define the services that make up that lifeline
 - Components represent the general scope of services for a lifeline
 - The components are further divided into relevant subcomponents that provide a granular level of enabling functions for the delivery of services to a community
- Lifelines and components are fixed, but the subcomponents may be adjusted as necessary

Note: Not every incident will impact all of the lifelines or components

ORGANIZATION AND BREAKDOWN OF EACH LIFELINE





Food, Water, Shelter

COMPONENTS AND SUBCOMPONENTS

Food

- Commercial Food Distribution
- Commercial Food Supply Chain
- Food Distribution Programs (e.g., Food Banks)

Water

- Drinking Water Utilities (intake, treatment, storage, and distribution)
- Wastewater Systems
- Commercial Water Supply Chain

Shelter

- Housing (e.g., homes, shelters)
- Commercial Facilities (e.g., hotels)

Agriculture

- Animals and Agriculture



Energy

COMPONENTS AND SUBCOMPONENTS

Power Grid

- Generation Systems
- Transmission Systems
- Distribution Systems

Fuel

- Refineries/ Fuel Processing
- Fuel Storage
- Pipelines
- Fuel Distribution (e.g., gas stations, fuel points)
- Off-shore Oil Platforms

Why Lifelines?

Lifeline

- Supports CR'22 scenario start at 96 hours – by that time, impact analysis should be underway
 - Supports engagement of Central and Eastern WA Counties and communities
- Supports gap analysis and improvement planning with clear illustration of inter-dependencies