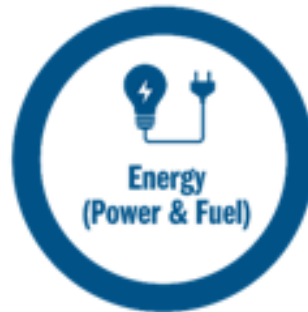


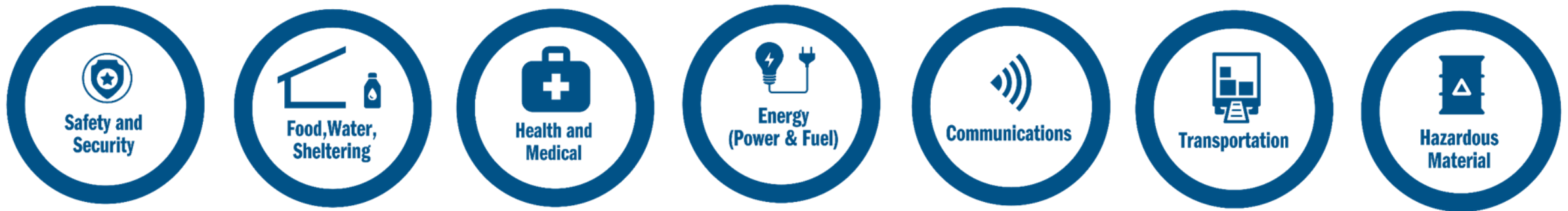
# Larimer County Community Lifeline Annexes

*Larimer County Office of Emergency Management*



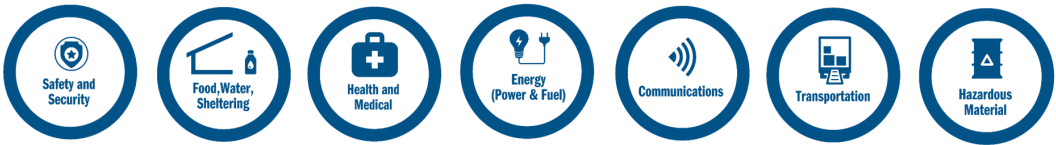
# Community Lifelines Defined

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 designed to highlight priority areas and interdependencies, focus attention on actions being taken, communicate coordination efforts towards stabilization, and integrate information. Each lifeline is comprised of multiple components and sub-components that provide lifeline services to the community.

# Community Lifeline Components



Multiple components and sub-components establish the parameters of the lifeline; component-level analysis is required to determine if each lifeline is stable.

**1. Safety and Security**

- Law Enforcement/Security
- Government Services
- Community Safety
- Fire Services
- Search and Rescue

**2. Food, Water, Shelter**

- Food
- Water
- Shelter
- Agriculture

**3. Health and Medical**

- Medical Care
- Public Health
- Patient Movement
- Fatality Management
- Medical Supply Chain

**4. Energy**

- Power
- Fuel

**5. Communications**

- Infrastructure
- Alerts, Warnings, Messages
- 911 and Dispatch
- Financial Services
- Responder Communications

**6. Transportation**

- Highway/Roadway
- Mass Transit
- Railway
- Maritime
- Aviation

**7. Hazardous Material**

- Facilities
- Non-Fixed Sites

ASSESSMENT	
Status	“What?”
Impact	“So What?”
Actions	“Now What?”
Limiting Factors	“What’s the Gap?”



# Safety and Security

## COMPONENTS AND SUB-COMPONENTS

### PURPOSE:

From law enforcement to firefighting services, this lifeline ensures our communities remain safe and secure.

### SUMMARY OF LIFELINE COMPONENTS & SUBCOMPONENTS:

#### Law Enforcement and Security

- Police Stations
- Law Enforcement
- Site Security
- Correctional Facilities

#### Fire Services

- Fire Stations
- Firefighting Resources

#### Search and Rescue

- Wilderness Search and Rescue
- Urban Search and Rescue

#### Government Services

- Emergency Operations Centers
- Essential Government Functions
- Schools
- Government Offices
- Public Records
- Historic and Cultural Resources

#### Community Safety

- Flood Control (e.g. dams, levees, reservoirs)
- Other Hazards
- Protective Actions (e.g. evacuations, shelter-in-place)

### LEAD AND SUPPORT AGENCIES:

Larimer County Sheriff's Office, Municipal Police Departments, Fire Agencies, Search and Rescue Teams, Larimer County Office of Emergency Management, Municipal OEMs, School Districts, Larimer Board of County Commissioners



# Food, Water, Shelter

## COMPONENTS AND SUB-COMPONENTS

### PURPOSE:

This lifeline is all about the basics—access to food, potable water, and emergency shelters to keep everyone nourished and safe.

### SUMMARY OF LIFELINE COMPONENTS & SUBCOMPONENTS:

#### Food

- Commercial food distribution
- Commercial food supply chain

#### Agriculture

- Crop Production
- Animal Production

#### Water

- Water supply systems
- Wastewater systems
- Water quality
- Watershed protection and ecological health

#### Shelter

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

### LEAD AND SUPPORT AGENCIES:

Larimer County Office of Emergency Management, Human Services, Agriculture Providers, Water and Wastewater Providers, Community Watershed Coalitions, American Red Cross, Salvation Army, Larimer County Food Bank, Food Distribution Centers.



# Health and Medical

## COMPONENTS AND SUB-COMPONENTS

### PURPOSE:

Hospitals, medical facilities, and pharmacies fall under this category, ensuring everyone gets the care they need when they need it.

### SUMMARY OF LIFELINE COMPONENTS & SUBCOMPONENTS:

#### Medical Care

- Hospitals
- Nursing Facilities
- Dialysis & Burn Treatment
- Pharmacies
- Long-Term/Alternative Care Facilities
- VA Health System Resources
- Veterinary Services

#### Patient Movement

- Emergency Medical Services

#### Fatality Management

- Mortuary and post-mortuary services

#### Public Health

- Health Surveillance
- Human Services
- Behavioral Health
- Vector Control

#### Medical Supply Chain

- Blood / Blood Products
- Manufacturing
  - Pharmaceutical
  - Device
  - Medical Gases
- Distribution
- Critical Clinical Research
- Sterilization
- Raw Materials

### LEAD AND SUPPORT AGENCIES:

Larimer County Department of Health and Environment, Larimer County Coroner, Larimer County Human Services, Emergency Medical Services Agencies, Behavioral Health Agencies, UCHealth, Banner Health, Colorado State University.



# Energy

## COMPONENTS AND SUB-COMPONENTS

### PURPOSE:

Keeping the lights on and our vehicles running, this lifeline powers everything from homes to critical infrastructure.

### SUMMARY OF LIFELINE COMPONENTS & SUBCOMPONENTS:

#### Power

- Generation Systems
- Transmission Systems
- Distribution Systems

#### Fuel

- Refineries / Fuel Processing
- Fuel Storage
- Commercial Distribution (e.g. gas stations)
- Public Safety Distribution

### LEAD AND SUPPORT AGENCIES:

Larimer County Utilities Providers, Fuel Storage agencies, Commercial Fuel Stations, Public Utilities Commission



# Communications

## COMPONENTS AND SUB-COMPONENTS

### PURPOSE:

In a world where staying connected is vital, this lifeline covers telecommunications, internet services, and broadcasting.

### SUMMARY OF LIFELINE COMPONENTS & SUBCOMPONENTS:

#### Infrastructure

- Wireless
- Wireline
- Cable / Internet
- Radio
- Satellite
- Data Centers

#### Financial Services

- Banking Services
- Electronic Payment Processing

#### Alerts, Warnings, Messages

- Local authority / warning ability
- Access to IPAWS:
  - Wireless Emergency Alerts (WEA)
  - Emergency Alert System (EAS)
- National Warning System (NAWAS)
- Terminals

#### 911 and Dispatch

- Public Safety Answering Points

#### Responder Communications

- Land Mobile Radio Networks
- FirstNet

### LEAD AND SUPPORT AGENCIES:

Larimer Emergency Telephone Authority, Public Safety Answering Points, Communications Providers





# Transportation

## COMPONENTS AND SUB-COMPONENTS

### PURPOSE:

Whether it's roads, railways, or airports, this lifeline ensures that people and goods can move freely and efficiently.

### SUMMARY OF LIFELINE COMPONENTS & SUBCOMPONENTS:

#### Highway/Roadway

- Roads
- Bridges

#### Mass Transit

- Bus
- Rail
- Ferry

#### Railway

- Freight
- Passenger

#### Maritime

- Waterways
- Ports / Port Facilities

#### Aviation

- Commercial (e.g. Cargo / Passenger)
- General
- Military

### LEAD AND SUPPORT AGENCIES:

Larimer County Road and Bridge, Public Works Departments, Northern Colorado Regional Airport, Union Pacific/BNSF Railway, CO National Guard.



# Hazardous Material

## COMPONENTS AND SUB-COMPONENTS

### PURPOSE:

This lifeline manages the safe handling and disposal of hazardous materials to prevent any additional risk during emergencies.

### SUMMARY OF LIFELINE COMPONENTS & SUBCOMPONENTS:

#### Facilities

- Oil and hazardous material facilities (e.g. chemical facilities, nuclear power plants)
- Oil, hazardous material / toxic release incidents from facilities

#### Non-Fixed Sites

- Oil, hazardous material/toxic release incidents from non-fixed sites
- Radiological or nuclear incidents

### LEAD AND SUPPORT AGENCIES:

Larimer County Solid Waste, Hazardous Materials Teams, Colorado State University, Tier II Facilities

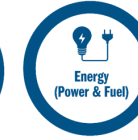
# Determining Lifeline Status

**During an incident, the health of each Lifeline and Component is determined by integrating situational awareness reports and impact assessments from local, state, regional, federal, private sector, and non-profit or community partners**

Applying the following questions and understanding the incident is critical in determining the status of a Lifeline and Components:

- Did the incident disrupt services to survivors provided by component capabilities?
- What is the extent of the disruption and impact on response and survivors?
- Has a solution to the disruption been identified?
- Has that solution been converted into a plan of action?
- Has that plan of action been resourced?
- Are there limiting factors that are preventing stabilization? To what extent are they limiting services?
- Have the services to survivors been stabilized? If not, how long to reach stabilization?
- Are there contingency solutions enabling stabilization? How long will these services be provided to sustain stabilization?
- Have circumstances changed since the Lifeline/Component was last assessed?

# Community Lifeline Status



Each lifeline and its components will be evaluated based upon impact using the following color-coded system to establish priorities for response and restoration activities.

SIGNIFICANT IMPACT: RED	MODERATE IMPACT: YELLOW	MINIMAL IMPACT: GREEN	ADMINISTRATIVE: BLUE	UNKNOWN: GREY
Indicates there are severe challenges and obstacles hindering the provision of essential services and resources associated with that lifeline. Immediate attention and resources are required to address the situation and restore functionality.	Indicates that there are disruptions or limitations affecting the delivery of services and resources, albeit to a lesser extent. While the situation is not as critical, it still requires attention and proactive measures to prevent further deterioration and ensure community needs are met.	Indicates that the lifeline is functioning well, with only minor disruptions or limitations. The community's essential services and resources associated with that lifeline are being adequately provided. Ongoing monitoring and maintenance is necessary to sustain this level or functionality.	Does not indicate all operational status or condition; used for administrative purposes such as presentations and briefings.	Indicates the extent of disruption and impacts to the lifeline services is unknown.

# LARIMER COUNTY OFFICE OF EMERGENCY MANAGEMENT

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[www.larimer.org/emergency](http://www.larimer.org/emergency)

