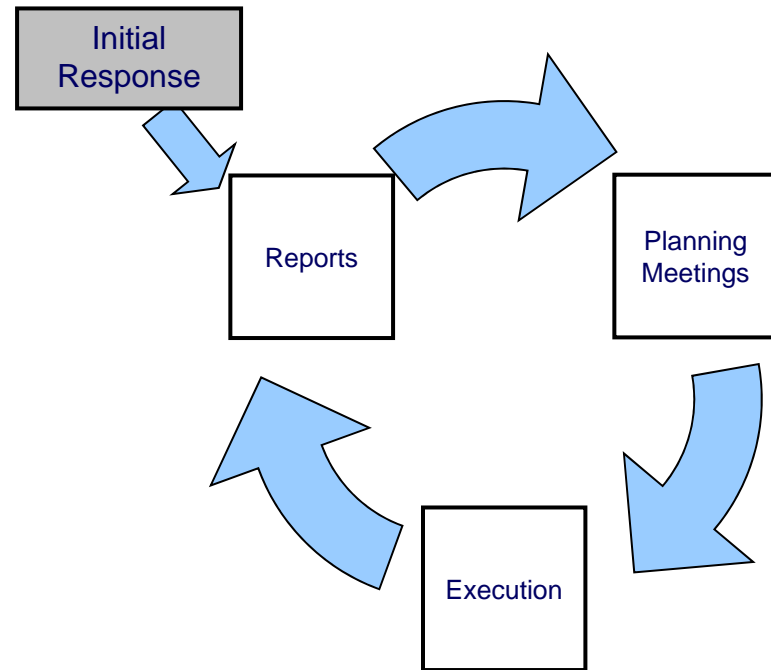
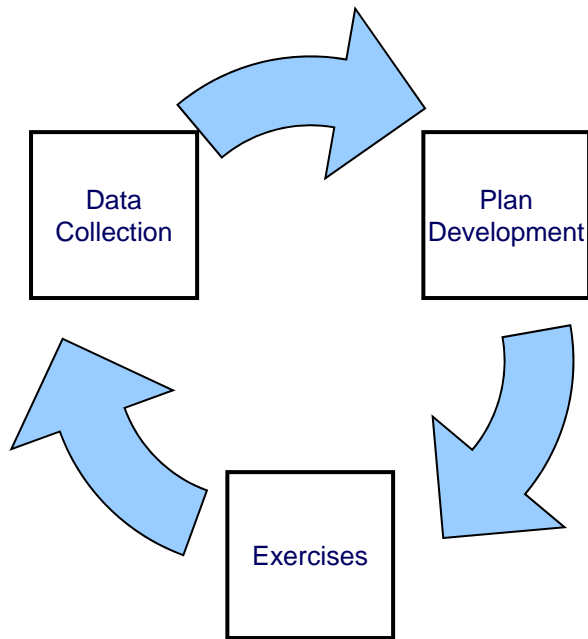
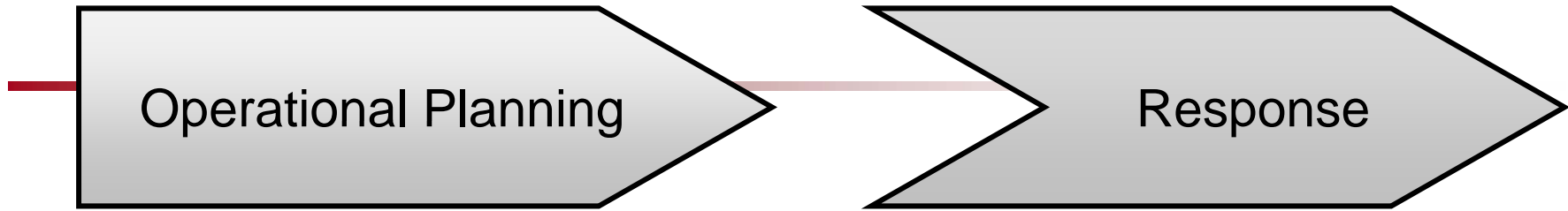




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**The Data Collection and Analysis Tool
(DCAT)**





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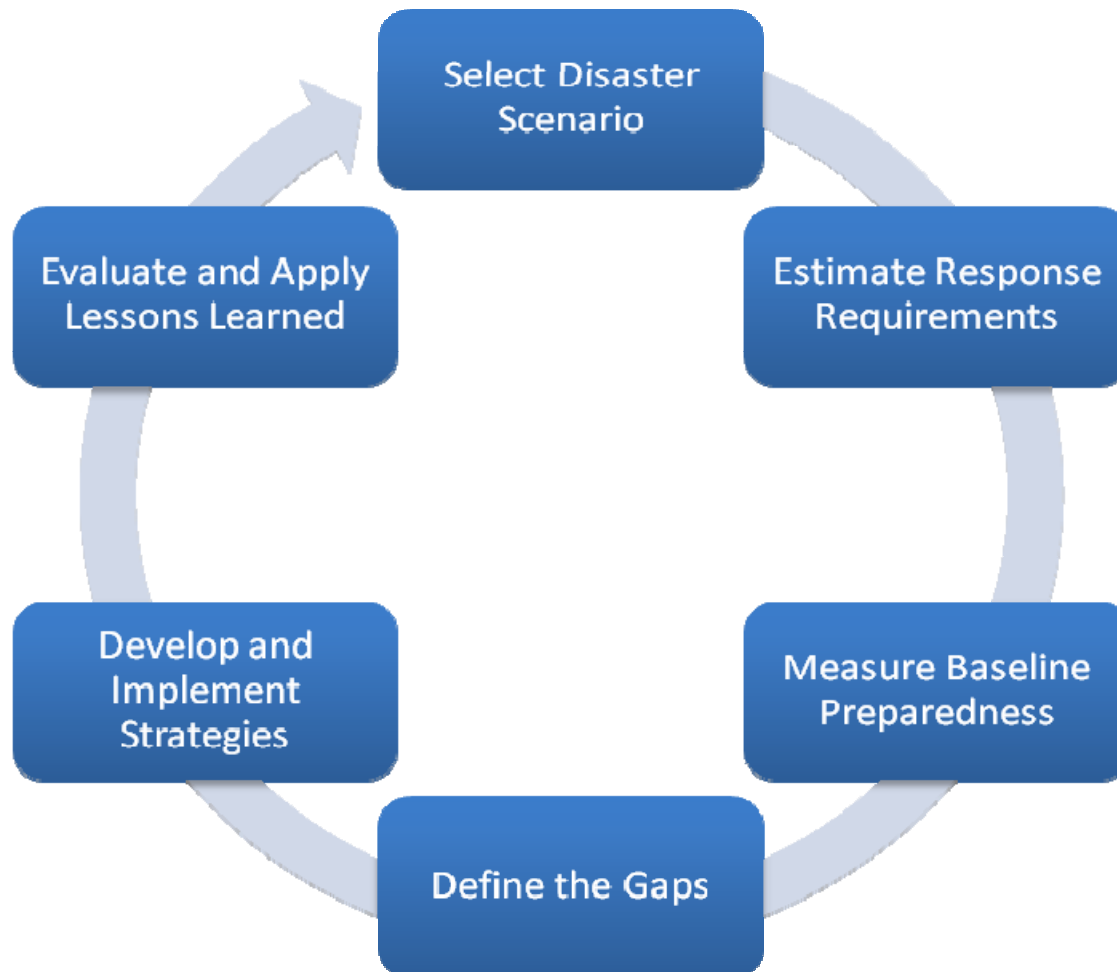
GAP Program Scope

- All-Hazards Approach
- Program focus on first 72 hours post event
- Analyze gaps at State and Federal levels
- Standardized approach to data collection and analysis
- Nationally, data is gathered and analyzed in seven critical areas including:
 - Transportation and Evacuation
 - Communications
 - Temporary Emergency Power
 - Mass Care and Emergency Assistance
 - Logistics Management and Resource Support
 - Public Health (with HHS)
 - Search and Rescue



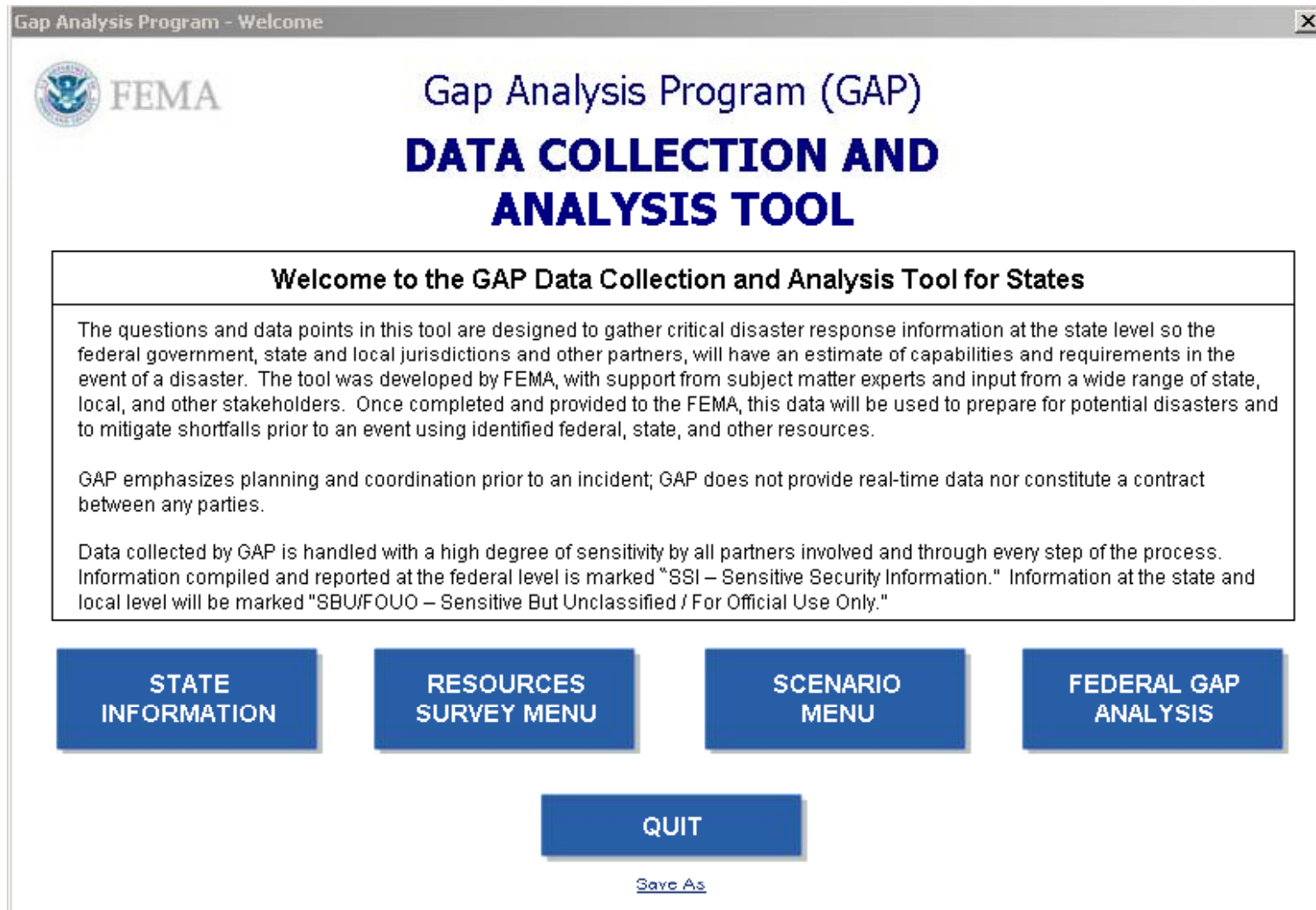
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GAP Lifecycle




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Data Collection and Analysis Tool (DCAT)



The screenshot shows a web application window titled "Gap Analysis Program - Welcome". In the top left corner is the FEMA logo. The main heading reads "Gap Analysis Program (GAP) DATA COLLECTION AND ANALYSIS TOOL". Below this is a box titled "Welcome to the GAP Data Collection and Analysis Tool for States" containing three paragraphs of text. At the bottom of the window are five blue buttons: "STATE INFORMATION", "RESOURCES SURVEY MENU", "SCENARIO MENU", "FEDERAL GAP ANALYSIS", and "QUIT". A "Save As" link is located below the "QUIT" button.

Gap Analysis Program - Welcome

 FEMA

Gap Analysis Program (GAP) DATA COLLECTION AND ANALYSIS TOOL

Welcome to the GAP Data Collection and Analysis Tool for States

The questions and data points in this tool are designed to gather critical disaster response information at the state level so the federal government, state and local jurisdictions and other partners, will have an estimate of capabilities and requirements in the event of a disaster. The tool was developed by FEMA, with support from subject matter experts and input from a wide range of state, local, and other stakeholders. Once completed and provided to the FEMA, this data will be used to prepare for potential disasters and to mitigate shortfalls prior to an event using identified federal, state, and other resources.

GAP emphasizes planning and coordination prior to an incident; GAP does not provide real-time data nor constitute a contract between any parties.

Data collected by GAP is handled with a high degree of sensitivity by all partners involved and through every step of the process. Information compiled and reported at the federal level is marked "SSI – Sensitive Security Information." Information at the state and local level will be marked "SBU/FOUO – Sensitive But Unclassified / For Official Use Only."

STATE INFORMATION **RESOURCES SURVEY MENU** **SCENARIO MENU** **FEDERAL GAP ANALYSIS**

QUIT

[Save As](#)



FEMA

Data Collection and Analysis Tool (DCAT)

Gap Analysis Program - Scenario Details

Scenario Name: * Description: *

Hazard Type: *

Modeling Type: * Date:

Primary Scenario (for Reporting)

Scenario Criteria | Additional Information | Earthquake | Model Consequences

HAZUS MH

Total Population: <input type="text" value="1,450,000"/>	Buildings Impacted	
Total Population Seeking Shelter: <input type="text" value="15,000"/>	Wood: <input type="text" value="235"/>	Reinforced Masonry: <input type="text" value="3,500"/>
	Steel: <input type="text" value="300"/>	Unreinforced Masonry: <input type="text" value="990"/>
	Concrete: <input type="text" value="898"/>	Manufactured Housing: <input type="text" value="8,890"/>
	Precast: <input type="text" value="1345"/>	

Expert Estimates

Population Requiring Evacuation:

* = Required



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Data Collection and Analysis Tool (DCAT)

Gap Analysis Program - Scenario Requirements

Scenario Name: Model Consequences - HAZUS MH

Total Population: 349,834,900	Total Population Seeking Shelter: 98,908,898	Population Requiring Evacuation: 785,688	?
---	--	--	---

Building Types

Reinforced Masonry: 9,898	Manufactured Housing: 8,890	Precast: 9,098	Concrete: 898
Unreinforced Masonry: 990		Steel: 809,898	Wood: 88,990,890

		Estimated	Actual	Explanation
1) Water (Liters):	<input type="checkbox"/> N/A	3,148,514,100	3,148,514,100	
2) Meals:	<input type="checkbox"/> N/A	2,099,009,400	2,099,009,400	
3) Cots:	<input type="checkbox"/> N/A	98,908,898	98,908,898	
4) Tarps:	<input type="checkbox"/> N/A			
5) Sheeting (Plastic Roofing):	<input type="checkbox"/> N/A			
6) Blankets:	<input type="checkbox"/> N/A	197,817,796	197,817,796	



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GAP Planning Assumptions

ESF 7 Information

Planning Factors - ESF 7 Logistics Management and Resource Support

These units of measurement and planning factors are provided to assist in determining the necessary commodity levels required in your jurisdiction and state based upon the selected disaster scenario's affected population. These planning factors are based off historical standards used by FEMA in an all-hazards response. For data points where planning factors are not provided, (i.e. Tarps, Sheeting-Plastic Roofing) the user will define the planning factor based upon local and/or state subject matter expertise and historical standards applied in that geographic location. The ice data point will not be analyzed by the Data Collection and Analysis Tool, however, during review of the Logistics Management and Resource Support survey, many states indicated that ice was an important unit of measure to analyze gaps from a state perspective and requested the tool maintain inventory information.

<i>Data Points</i>	<i>Planning Factor</i>	<i>72 Hour Requirement</i>
• Water	3 Liters per person per day	9 liters/person
• Meals	2 Meals per person per day	6 meals/person
• Cots	1 Cot per affected person	1 Cot
• Blankets	2 Blankets per cot	2 blankets
• Hygiene Kits	1 per affected person	1 kit
• Cleanup Kits	1 per affected household	1 kit
• Ice*	8 lbs per person per day	24lbs

*Ice will be measured through the Data Collection and Analysis Tool for state use only. Information will not be analyzed by FEMA.



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Data Collection and Analysis Tool (DCAT)

GAP Analysis Program - ESF 7 - Logistics Management & Resource Support

Region:
State:

ESF 7 - Logistics Management & Resource Support

Planning Questions | Quantifiable Data

For each question, select a response from the available choices: Yes, No, and Not Applicable (N/A).
To reset your response for a question, click X next to the question.
To add, remove, or edit an optional comment for any question, click the + next to the question.

1. Does the jurisdiction have a commodities distribution plan? Yes No n/a + ⊗

2. If yes, does the distribution plan cover:

a. Distribution locations (primary and secondary)?..... Yes No + ⊗

b. Operational setup?..... Yes No + ⊗

c. Safety of Personnel?..... Yes No + ⊗

d. Security of Site?..... Yes No + ⊗

3. Has the jurisdiction identified and prioritized critical commodities for distribution (i.e. water, meals, cots and blankets)? Yes No n/a + ⊗

4. Do the following capabilities exist to establish fully functional distribution sites/POD's for affected communities?

a. Non- Federal staffing for 24 hour operations (12 hours of supply distribution and 12 hours of restocking)?..... Yes No n/a + ⊗

b. Is there a coordinate shipping plan for Points Of Distribution (PODS)?..... Yes No n/a + ⊗

Save Save & Return to Resources Menu Cancel



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Data Collection and Analysis Tool (DCAT)

GAP Analysis Program - ESF 7 - Logistics Management & Resource Support

Region:
State:

ESF 7 - Logistics Management & Resource Support

Planning Questions | Quantifiable Data

	<u>Local Total</u>	<u>State Resources</u>	<u>Third Party Resources</u>	<u>EMAC, MOUs/MOAs Resources</u>	<u>NGO Resources</u>
1. Water (Liters) +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. Meals +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3. Cots +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4. Tarps +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5. Sheeting (Plastic Roofing) +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6. Blankets +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7. Portable Toilets +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
8. Comfort Kits +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9. Cleanup Kits +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10. Ice (pounds) +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
11. Sandbags +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12. Type 1 - POD/CDP Sites +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13. Type 2 - POD/CDP Sites +	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Save Save & Return to Resources Menu Cancel



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Federal Gap Analysis

GAP Analysis Program - GAP -ESF 7 - Logistics Management & Resource Support

Model Consequences - HAZUS MH

Model Outputs Total Population: 9,519,338 Total Population Seeking Shelter: 31,626

Expert Estimates Population Requiring Evacuation: 951,934

Mitigation Plan:

Federal: **66%**

State: **52%**

DataPoints Questions

Requirements		Capabilities			Fed Gap	
Data Points	Actual	State Total	State Gap	Fed Support	Fed Gap	% Met
Water (Liters):	85,674,042	3,200,000	10,400,000	70,000,000	2,074,042	98%
Meals:	57,116,028	4,000,000	4,500,000	35,000,000	13,616,028	76%
Cots:	31,626	155,000	30,000		0	100%
Tarps:	0	45,000	12,000		0	100%
Plastic Sheeting:	0	6,500	2,500		0	100%
Blankets:	63,252	140,000	14,000		0	100%
Toilets:	0	2,350	20,000		0	100%
Comfort Kits:	9,519,338	510,000	97,000	8,500,000	412,338	96%
Cleanup Kits:	65,000	55,000	10,000		0	100%



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Benefits of the GAP Data Collection and Analysis Tool

- **Facilitates discussion on critical response needs and capabilities**, in seven essential areas, between local, state, federal, non-governmental and private sector partners
- **Identifies potential response needs** prior to a disaster, enabling federal agencies to anticipate and plan for requests
- **Provides standardized planning factors** to estimate potential response requirements
- **Flexible, user friendly tool** provides standard definitions and references to Target Capability List where applicable
- **Justify budget requests** or support grant application process using information gathered

Questions / Comments: FEMA-GAP@dhs.gov

