

FARM COMMITTEE/ MARYLAND FOOD SYSTEM RESILIENCE COUNCIL MEETING

Regional Catastrophic Preparedness for Food and Water Supply Disruptions

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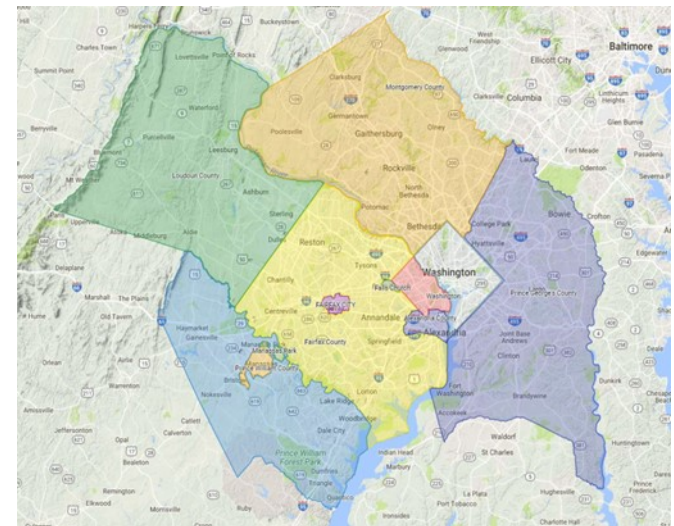
August 11, 2023



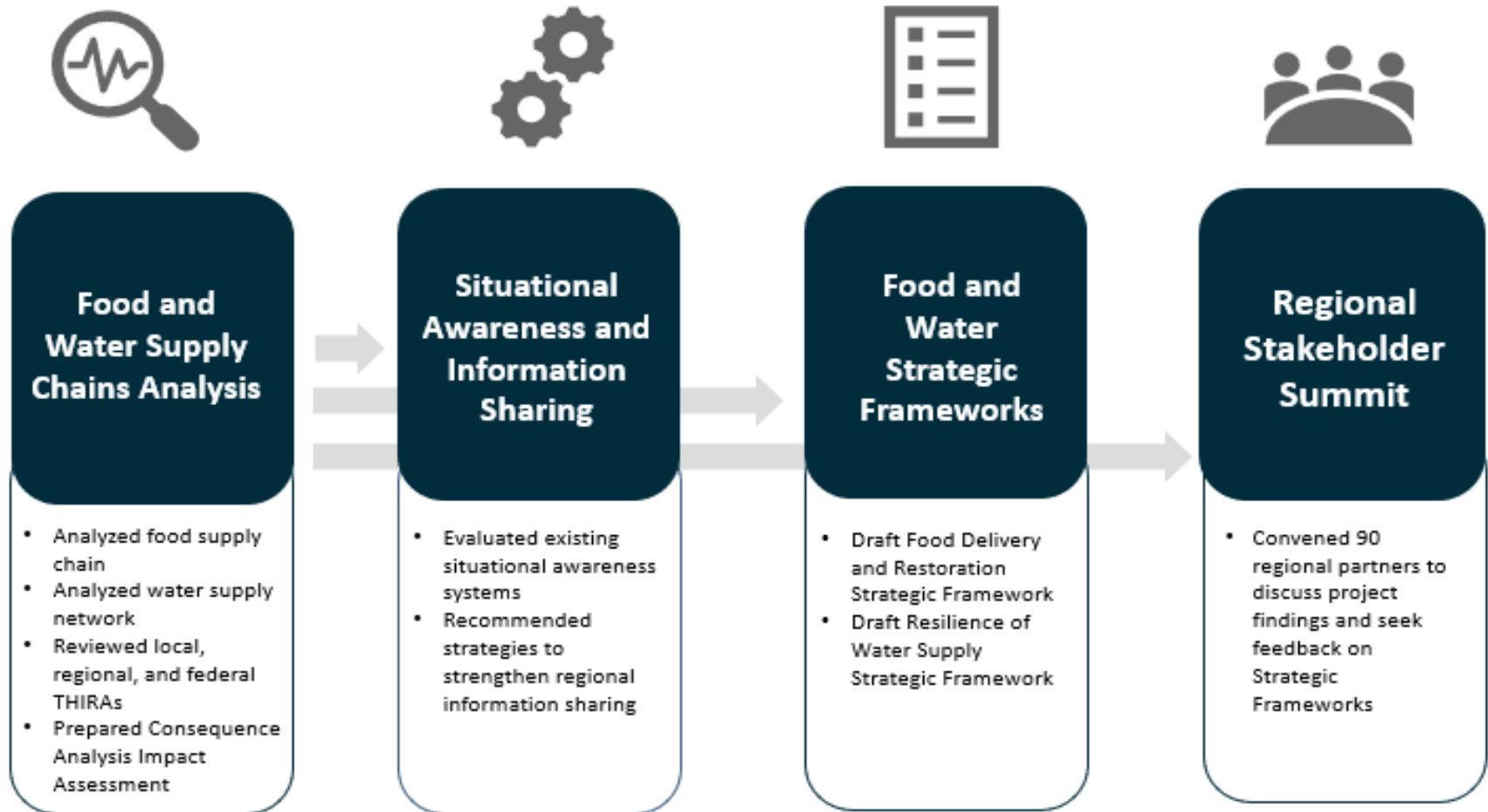
Metropolitan Washington
Council of Governments

Background

- **Goal:** Improve regional capability to meet food and water needs during and after a disaster
- Funded by two FEMA Regional Catastrophic Preparedness Grants
- Managed by DC HSEMA, in collaboration with MWCOG
- Guided by a Technical Advisory Committee comprised of regional food and water partners
- Phase 1 concluded December 2022; Phase 2 initiated January 2023



Food and Water Project – Phase 1



Food and Water Project – Phase 2

For 2023:

- Establish formal private/public/NGO partnerships in the NCR, and formal engagements with other Region III jurisdictions
- Help NCR jurisdictions use the Strategic Frameworks to enhance their local capabilities
- Develop and socialize tools for supply chain monitoring and for public messaging
- Support improvements to regional data-sharing

For 2024:

- Initiate annual regional supply chain workshops
- Identify and address training needs related to food and water
- Conduct regional and inter-regional exercises

Keys to successful application



MAPPING THE SUPPLY
CHAIN



BUILDING STRATEGIC
PARTNERSHIPS



USING DATA TO
IMPROVE RESPONSE



Mapping the food supply chain

Upstream

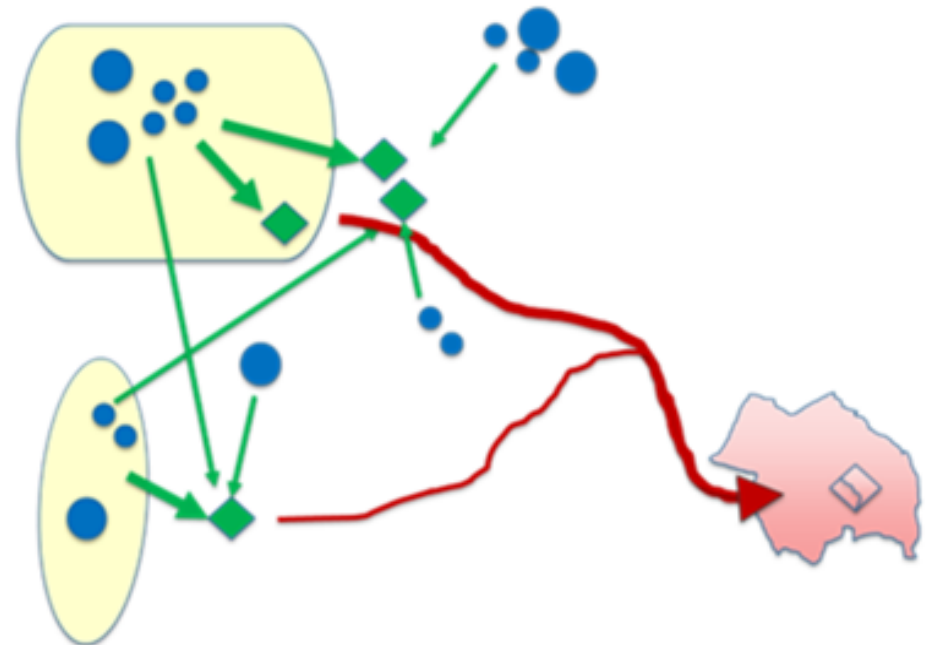
- Food commodity shipments
- Processing facilities
- Regional agricultural production

Midstream

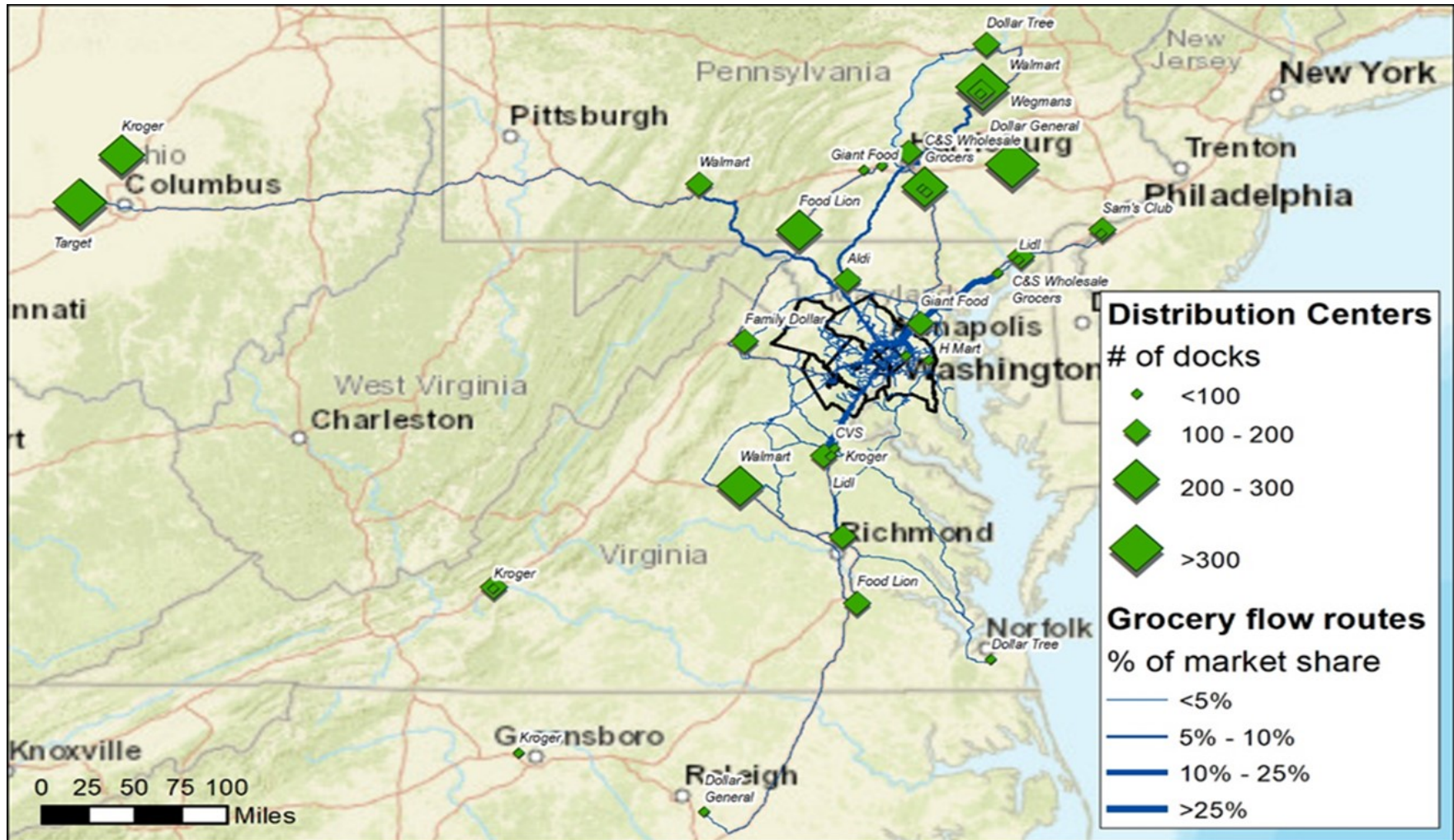
- Wholesalers
- Distribution centers
- Freight routes

Downstream

- Commercial locations
- Food away from home
- Other food channels



Mapping the food supply chain



Using SNAP data for near real-time monitoring for food systems

Problem: How can emergency managers gather actionable, granular information on the status of the food supply chain, and residents' access to food?

- More data sources than ever before (phone tracking, transactions, social media, online mapping)
- Existing coordination with food lifeline owner/operators
- Still no easy, accessible way to see status of retail stores in the region across all brands and channels. Need information that is timely, granular, and targeted
- If we did have this information, we could ...
 - Track progress in recovery of spending
 - Identify key stores and geographic areas of focus for resource deployment
 - Better target emergency food assistance to areas of highest need currently lacking access

Timing of SNAP spending: January 3, 2021 winter storm

