



Frozen *E. coli* snack: How did we find out about the added ingredient?

New York State



InFORM
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San Antonio, TX



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Outline

- Intro to NYSDOH
- The Outbreak Team
- Timeline of Investigation
- NYS Case Count
- Questions



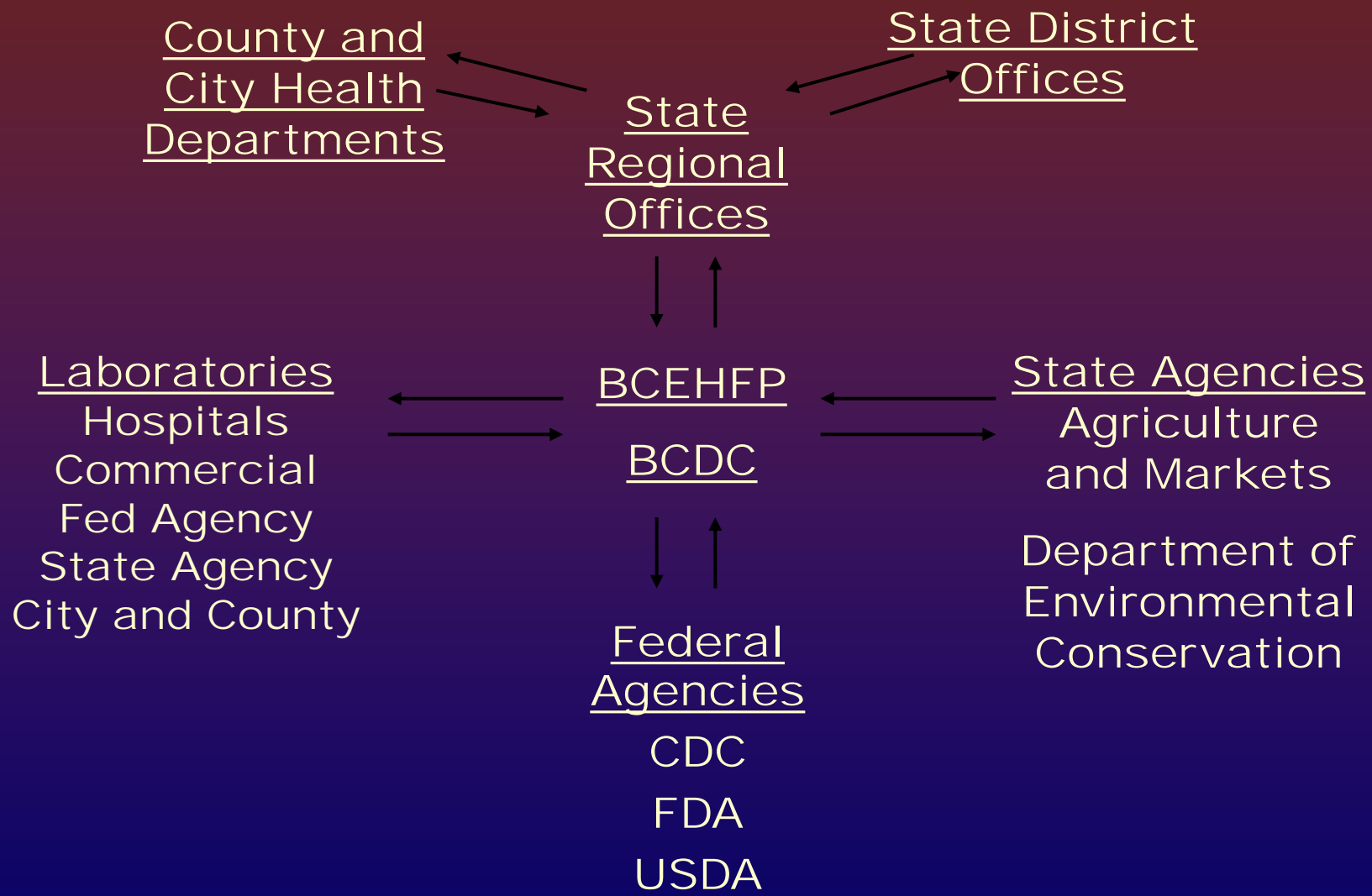
NYSDOH

Epi	Lab	Food (EH)
Bureau of Communicable Disease Control (BCDC)	Wadsworth Center (WC)	Bureau of Community Environmental Health and Food Protection (BCEHFP)

- Home Rule State
- Local Health Departments (LHDs)
 - 57 Local Health Departments
 - 9 State District Offices
 - EH Component 21 Counties
 - New York City DOHMH
 - 5 Boroughs/Counties

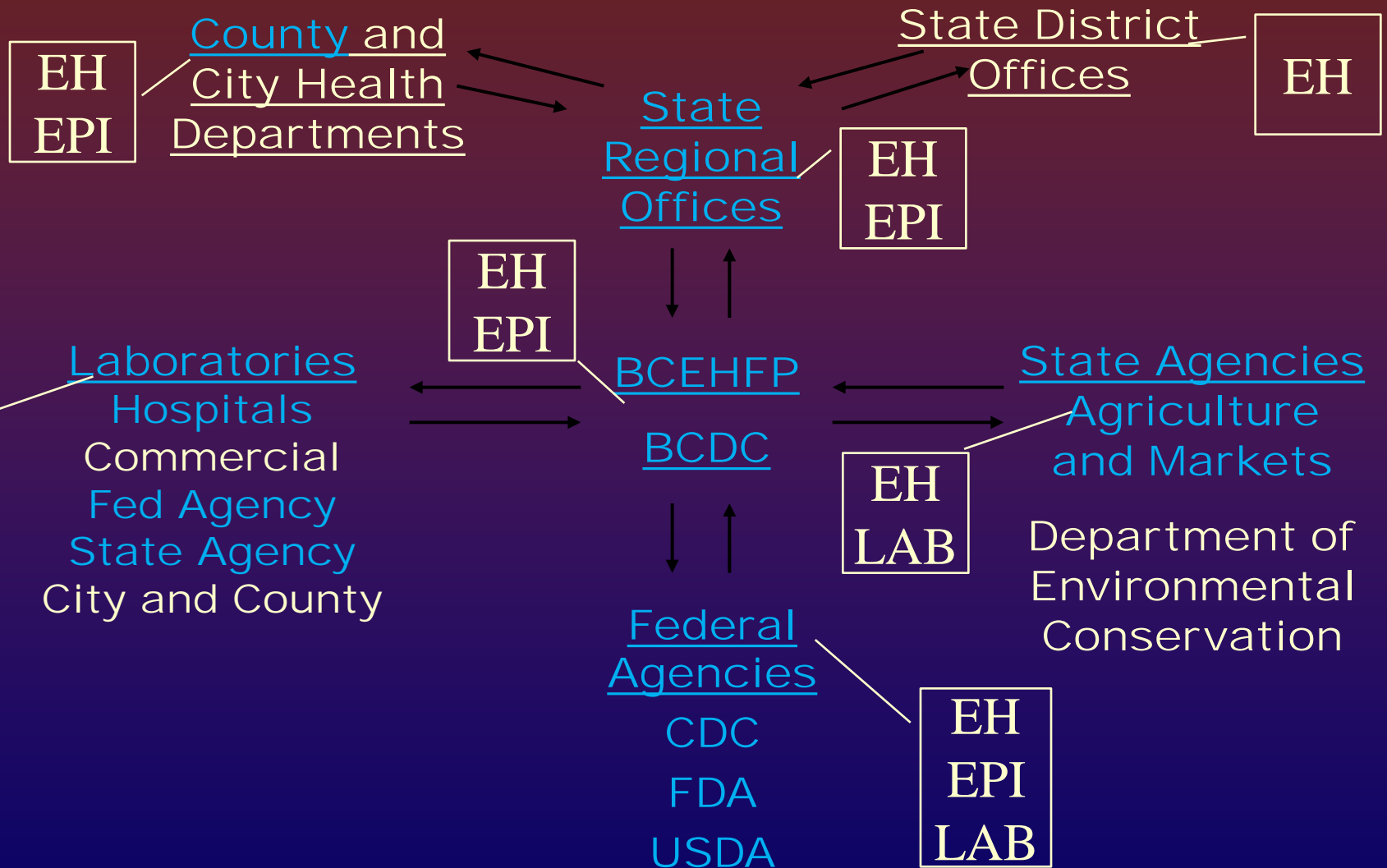


Who is on the Team?





This Team?





The Start

- February 14, 2013
 - State Lab (WC) notified Epi (BCDC)
 - STEC case, 2 enzyme match, multi-state cluster
 - Onset: January 30, 2013
 - Initial interview by LHD
 - Frozen hamburgers
 - Shopped at 2 grocery stores
 - CDC indicated pattern above baseline nationally



February 19, 2013

- Case was re-interviewed with the NYSDOH STEC HGQ
- Shopper Card Release for 1 of 2 grocery chains obtained by LHD and secured by NYSDA&M



February 25, 2013

- CDC indicated cluster still above base line nationally
 - Geographically clustered
 - Frozen products
- LHD re-interviewed case
 - Multi-state outbreak specific questionnaire developed
 - Multiple frozen foods purchased from different stores



Where are we now?

- March 2013
 - No specific Food
- March 12, 2013
 - CDC requested permission from states to conduct single person open ended interviews
- March 14 and 21, 2013
 - State Lab (WC) reported 2 additional PFGE matches
 - LHDs granted permission for CDC to interview cases/guardians



What did we find out?

- March 15, 2013
 - CDC completed interview of the March 14th case
 - Case had left over frozen food
 - Brand A mini chicken and cheese quesadillas
 - Brand B chicken patties
 - CDC → BCDC → BCEHFP → Regional Office → LHD EH → WC
- March 25, 2013
 - WC reported Brand A mini chicken and cheese quesadillas were culture positive for STEC O121



Now What?

- March 28th - Recall - April 4th Expanded
- March 21st case interviewed April 10TH
 - Case reported variety of frozen foods from a single grocery store chain – no leftovers
- April 1, 2013
 - 4th PFGE matching case reported in NYS
 - Hospitalized with HUS
 - Exposed to Brand A mini pizza slices
 - Leftovers tested negative



NYS Case Count

- 4 cases
- Age: 14-30 (Median 18)
- Gender
 - **Male: 75%**
 - **Female: 25%**
- Onset dates: 1/30/2013 – 3/16/2013



What's Next?

- Problem Alert
- Enhanced Surveillance
- NYSDA&M searched for products on store shelves
- WC received questions from Federal Partners
 - Additional testing



Thank You

➤ Thanks to:

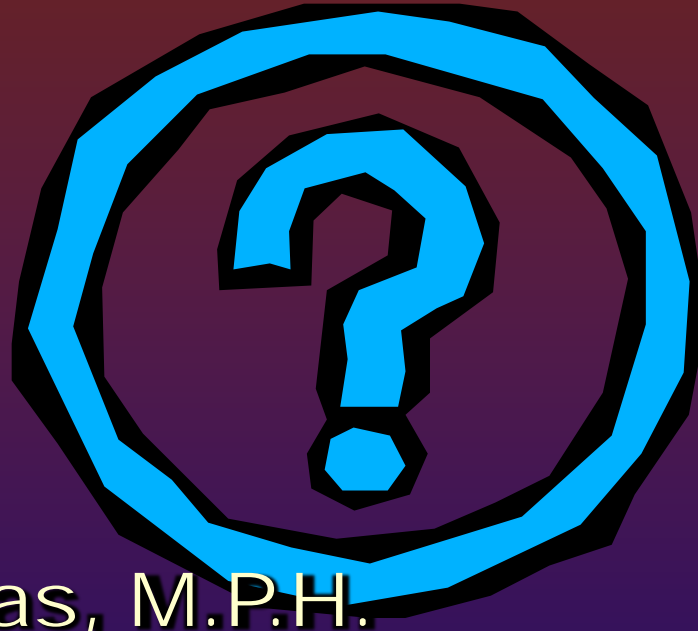
- ❖ Epidemiology Staff
- ❖ Environmental Health Staff
- ❖ Laboratory Staff
 - State, Local and Federal Agencies

➤ Special Thanks to:

- ❖ NYSDOH BCDC
- ❖ Wadsworth Center



Questions



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