



# ROLES IN FOODBORNE OUTBREAKS

AFDO

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# CDC ROLE

- Lead Coordinator between Public Health Partners
- Maintains and monitors disease surveillance and outbreak detection systems
- The Outbreak Response Team investigates
- CDC's laboratories maintain PulseNet surveillance

# CORE Role

- Coordinate FDA resources to:
  - ★ Find
  - ★ Stop
  - ★ Prevent recurrence

# CORE Signals

## Find the Outbreak

- Involved very early
- Looking at trends that implicate FDA regulated products
- Use many sources of information
- Triage and evaluate whether and when to turn the case over to Response

# CORE Response

## Stop the Outbreak

- Coordinate further investigation
- Identify specific food
- Remove specific foods from the market
- Recommend and coordinate FDA actions
- Provide information to the public

# CORE Post Response Prevent Recurrence

- Learn from outbreaks
- Use lessons learned
- Apply to:
  - ★ Preventive Controls and Food Safety
  - ★ Process Improvement
  - ★ Research Opportunities
  - ★ Education, Training and Outreach

# Examples of How Roles Play Out

- Chipotle Mexican Grill Related Outbreaks
  - ★ Two separate incidents of *E. coli* 026
  - ★ January 27, 2016, 55 people infected
  - ★ Eleven states; majority from WA and OR
  - ★ Of the 54 people interviewed, 47 ate at Chipotles

# Examples of How Roles Play Out

- **Chipotle continued:**
  - ★ **December 2015, 5 people infected**
  - ★ **Three states: Kansas, N. Dakota and Oklahoma**
  - ★ **Five ill people interviewed and all 5 reported eating at Chipotle Mexican Grill restaurants**



# Traceback

- Starting at store or restaurant
- Work with CDC to identify clusters
- Traceback cluster criteria
- Local/State authorities work with Points of Service
- What needs to be collected

# Examples of How Roles Play out

- COSTCO Rotisserie Chicken Salad
  - ❖ 19 cases; 16 interviews; 14 ate COSTCO Rotisserie Chicken Salad
  - ❖ Celery and onion blend tested by Montana Public Health Laboratory found positive for *E. coli* 0157:H7
  - ❖ Recalls were performed