Colorado Investigation

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Colorado Cases

- 4 cases:
  - Interviewed 3 or more times per case
- Onset range:
  - January 28, 2016 – March 14, 2016
- Ages:
  - 9 years to 29 years
- Sex:
  - 3 Female, 1 Male
Food Testing at CDPHE

• One case had flour in original open package
• Tested at CDPHE
  – Non-Shiga toxin-producing *E. coli* was isolated from the sample
  – No STEC detected
• Sample was transferred to FDA for further testing
Enrolling Controls for Case-Case Study

- Target: enroll 3-4 controls per CO case (matched by gender and age group).

- State epi’s identified “controls” via surveillance system and notified the local public health agency (LPHA) of eligible controls.
  - Reported *Salmonella* and *Campylobacter* cases

- LPHA would ask if “control” would like to participate in study upon completion of routine interview.
“Controls”

- Enrolled controls for 5 STEC cases; one STEC case was later excluded from the outbreak
- 19 total control interviews completed
  - April 21, 2016 – July 7, 2016
- 11 controls were *Salmonella* cases
- 8 controls were *Campylobacter* cases
Case-case study Challenges in CO

- LPHAs are prompt to interview (yay?)
  - This resulted in a second phone call to enroll as a control
- Resource intensive
  - In the midst of routine work, state epi’s had to set reminders to check for controls in the surveillance system
- Communication
  - Control enrollment was tracked internally at state, but locals were doing the interviews
  - LPHA’s faxed completed forms to state