Outbreaks & Recalls
An Industry Perspective

Collaborative Food Safety Forum
Enhancing Early Outbreak Investigations – Information Sharing & Response

December 11th, 2012

Joan Menke – Schaanzer
Chief Global Quality Officer
Agenda

- ConAgra Foods Recalls
- ConAgra Foods Recall Support – Pine Nuts
- Summary
Our Food Safety Journey
Tipping Points – *Salmonella* Outbreaks

Peter Pan Peanut Butter

- February 2007
- *Salmonella* Tennessee
- RTE
FIGURE 1. Number of confirmed cases (n = 481)* of Salmonella Tennessee infection associated with consumption of peanut butter, by week of symptom onset — United States, August 1, 2006–April 23, 2007

Source: CDC
FIGURE 2. Number of confirmed cases (N = 628)* of *Salmonella* Tennessee infection associated with consumption of peanut butter, by state — United States, August 1, 2006–May 22, 2007

Source: CDC
Our Food Safety Journey
Tipping Points – *Salmonella* Outbreaks

Banquet Pot Pies

- October 2007
- *Salmonella* I,4,[5],12:i-
- NRTE
FIGURE 2. Number of confirmed cases (N = 401)* of infection with the outbreak strain of Salmonella 14,5,12:i:-, by date of illness onset and percentage of patients interviewed who reported frozen pot pie consumption during four selected periods — United States, 2007

* Cases for which date of illness onset was reported (n = 336) or estimated as 3 days before the reported date of culture (n = 65).

† Includes pot pies reported as Banquet brand and/or another brand not produced in plant A.

Source: CDC
Cases of *Salmonella* I 4, [5], 12:i:-
Infection with the Outbreak Strain, by State, January 1, 2007 to October 29, 2007

Source: CDC
Our Food Safety Journey
Tipping Points – *Salmonella* Outbreaks

Marie Callender’s Cheesy Chicken & Rice

- June 2010
- *Salmonella* Chester
- NRTE
Infections with the Outbreak Strain of *Salmonella* Chester, by Week of Illness Onset

Jun 10
Outbreak investigation begins

Jun 14
Case-Control Study

Jun 17 recall

Source: CDC
(n=44 for whom information was reported as of 08/27/10 at 9:00 am EST*)
Persons Infected with the Outbreak Strain of *Salmonella* Chester, United States, by State

Source: CDC

as of August 27, 2010 at 9:00 am EST (n=44)
Marie Callender’s Cheesy Chicken & Rice Recall: A Successful Outbreak Investigation

“While any foodborne illness outbreak is unfortunate, this occurrence is an investigative success story. The investigation was a success in part due to the quick and decisive action taken by ConAgra, as well as the successful collaboration among the many local, state, and federal public health, agriculture, and regulatory agencies involved. The immediate action probably prevented more people from being infected with Salmonella by removing the potentially harmful product from store shelves and consumers’ homes early in the outbreak.”

Source: August 2nd – CDC Public Health Matters Blog
SUMMARY

Improved Communications Drives Improved Public Outcomes

- 2007: Peter Pan Peanut Butter (628)
- 2007: Banquet Pot Pies (401)
- 2012: Marie Callender’s Cheesy Chicken & Rice (44)
Outbreak of Human *Salmonella* Enteritidis Infections Linked to Turkish Pine Nuts

*\textit{n}= 43\ for whom information was reported as of November 16, 2011

Source: CDC

*\textit{n}= 43\ for whom information was reported as of November 16, 2011

**Industry Collaboration Key to Quick Action**
Outbreak of Human *Salmonella* Enteritidis Infections Linked to Turkish Pine Nuts

Source: CDC

*n=43 for whom information was reported as of November 16, 2011*
SUMMARY

• Proactive relationships & transparency facilitate **early notification**

• Collaboration between states, industry, CDC, & regulators (FDA & FSIS) facilitates **fast action**.

• Fast action drives **industry learning** & **change**.

SPEED \[\uparrow\] = ILLNESS \[\downarrow\]
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