Timeline of Infections: Nationwide Outbreak of *Salmonella* Montevideo Infections Associated with Salami Products Made with Contaminated Black and Red Pepper --- United States, 2009 — 2010

### Outbreak Identification & Source Implication

**August 17, 2009 and September 4, 2009**
CDC PulseNet identifies a geographically dispersed cluster of cases with the most common DNA fingerprint of *Salmonella* Montevideo; CDC monitors for additional cases

**November 23, 2009**
CDC PulseNet identifies an increase in the number of *Salmonella* Montevideo infections

**November 30, 2009**
CDC’s Outbreak Response Team began coordinating multistate investigation

**January 14, 2010**
WA State Dept of Health reports shopper card records showed 5 of 7 ill persons purchased a single brand and product: Daniele Italian Brand Gourmet Pack

**January 15, 2010**
RI Dept of Health and FSIS began on-site investigation at Daniele International Inc.

**January 16-21, 2010**
Case-control study data collection and analysis completed; results suggested salami as possible source of illnesses

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#### Regulatory Actions, Recalls, and Results of Product Testing

**January 23, 2010**
Daniele International Inc., recalls 1.3 million pounds of ready-to-eat (RTE) salami products

**January 31, 2010**
Daniele expands recall to include 17,000 pounds of RTE products

**February 4, 2010**
Daniele recall updated to include two additional RTE salami products, adding 24,000 pounds to the January 23 recall

**February 16, 2010**
Daniele expands recall to include approximately 115,000 pounds of RTE salami products

**February 23, 2010**
RI Dept of Health identifies outbreak strain from unopened container of crushed red pepper provided by Wholesome Spice used in production of Daniele’s RTE salami products

**February 25, 2010**
Wholesome Spice recalls all lots of 25 lb containers of crushed red pepper sold between April 6, 2009 and January 20, 2010

**March 4, 2010**
RI Dept of Health identifies outbreak strain from unopened containers of whole black pepper supplied by Wholesome Spice and Mincing Overseas Spice Co. used in production of Daniele’s RTE salami products

**March 5, 2010**
Mincing Overseas Spice Co. recalls two different lots of black pepper sold in 50 lb, 25 lb, and 20 lb containers

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**November 30, 2009 – Jan 14, 2010**
Detailed questionnaires collected on ~60 cases

**Jan 14, 2010– Feb 28, 2010**
Shopper card information collected on ill persons with permission; 19 purchased Daniele ready-to-eat- salami products before becoming ill

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**January 15 – Feb 16, 2010**
Outbreak strain identified in 8 salami products (6 open, 2 sealed packages)

**Jan 23 – March 30, 2010**
Period of Recalls & Regulatory Actions

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**March 5, 2010**
Mincing Overseas Spice Co. recalls two different lots of black pepper sold in 50 lb, 25 lb, and 20 lb containers

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As a result of this recall
Multiple companies have recalled products. See FDA website link: [http://www.fda.gov/food/newsevents/whatsnew/food/ucm206052](http://www.fda.gov/food/newsevents/whatsnew/food/ucm206052)