



Centers for Disease Control and Prevention
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Salmonella

Multistate Outbreak of *Salmonella* Typhimurium and *Salmonella* Newport Infections Linked to Cantaloupe

Posted September 13, 2012 1:45 PM ET

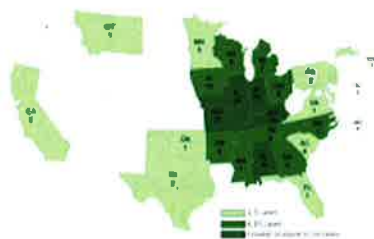
At a Glance:

- **Case Count: 270** (</salmonella/typhimurium-cantaloupe-08-12/epi.html>)
- **States: 26** (</salmonella/typhimurium-cantaloupe-08-12/map.html>)
- **Deaths: 3**
- **Hospitalizations: 101**
- **Recall: Yes** (</salmonella/typhimurium-cantaloupe-08-12/advice-consumers.html>)

More Information:

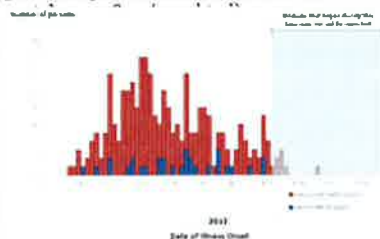
- [Recall & Advice to Consumers \(/salmonella/typhimurium-cantaloupe-08-12/advice-consumers.html\)](/salmonella/typhimurium-cantaloupe-08-12/advice-consumers.html)
- [Signs & Symptoms \(/salmonella/typhimurium-cantaloupe-08-12/signs-symptoms.html\)](/salmonella/typhimurium-cantaloupe-08-12/signs-symptoms.html)
- [Key Resources \(/salmonella/typhimurium-cantaloupe-08-12/key-resources.html\)](/salmonella/typhimurium-cantaloupe-08-12/key-resources.html)

Latest Case Count Map



[\(/salmonella/typhimurium-cantaloupe-08-12/map.html\)](/salmonella/typhimurium-cantaloupe-08-12/map.html)

[Click map to view updated & previous case count maps. \(/salmonella/typhimurium-](#)



[\(/salmonella/typhimurium-cantaloupe-08-12/epi.html\)](/salmonella/typhimurium-cantaloupe-08-12/epi.html)

[Click here to view updated & previous epi](#)
[reports for Salmonella/typhimurium-](#)
[cantaloupe-08-12/epi.html](#)

• **Read the Advice to Consumers » (</salmonella/typhimurium-cantaloupe-08-12/advice-consumers.html>)**

- A total of 270 persons infected with the outbreak strains of *Salmonella* Typhimurium (240 persons) and *Salmonella* Newport (30 persons) have been reported from 26 states.
 - The number of ill persons infected with the outbreak strain of *Salmonella* Typhimurium identified in each state is as follows: Alabama (16), Arkansas (6), California (2), Florida (1), Georgia (9), Iowa (10), Illinois (26), Indiana (24), Kentucky (70), Massachusetts (2), Maryland (1), Michigan (6), Minnesota (5), Missouri (15), Mississippi (7), Montana (1), New Jersey (2), North Carolina (7), Ohio (6), Oklahoma (1), Pennsylvania (2), South Carolina (5), Tennessee (8), Texas (2), and Wisconsin (6).
 - The number of ill persons infected with the outbreak strain of *Salmonella* Newport identified in each state is as follows: Illinois (8), Indiana (9), Michigan (1), Missouri (6), Ohio (3), Virginia (1), and Wisconsin (2)
 - 101 ill persons have been hospitalized. Three deaths have been reported in Kentucky
- Collaborative investigation efforts of state, local, and federal public health and regulatory agencies indicate that cantaloupe originating from Chamberlain Farms Produce, Inc. of Owensville, Indiana is a source of this outbreak.
 - On August 22, 2012, the U.S. Food and Drug Administration (FDA) announced a recall of cantaloupes (<http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm316665.htm>) [↗](#) (<http://www.cdc.gov/Other/disclaimer.html>) originating from Chamberlain Farms Produce, Inc.
- Consumers who recently purchased Chamberlain Farms cantaloupes are advised not to eat them and discard any remaining cantaloupe.
 - Based on the available information, consumers can continue to purchase and eat cantaloupes that do not originate from Chamberlain Farms Produce, Inc.
 - Many cantaloupes have the growing area identified with a sticker on the fruit. If no sticker is present, consumers should inquire about the source. When in doubt, throw it out.
- Retailers and food service operators should not sell or serve Chamberlain Farms cantaloupes.
 - FDA is continuing to work closely with CDC and state partners during this ongoing investigation. CDC will update the public on the progress of this investigation as information becomes available.

September 13, 2012

Case Count Update

A total of 270 individuals infected with the outbreak strain of *Salmonella* Typhimurium and *Salmonella* Newport have been reported from 26 states. The 66 new cases are from 18 states: Alabama (3), Arkansas (1), Georgia (5), Iowa (2), Illinois (10), Indiana (11), Kentucky (7), Maryland (1), Michigan (1), Missouri (8), Mississippi (2), Montana (1), North Carolina (2), Ohio (4), Oklahoma (1), South Carolina (2), Virginia (1), and Wisconsin (4).

Among 270 persons for whom information is available, illness onset dates range from July 6, 2012 to August 30, 2012. Ill persons range in age from less than 1 year to 100 years, with a median age of 49 years. Fifty-five percent of ill persons are female. Among 196 persons with available information, 101 (52%) reported being hospitalized. Three deaths have been reported in Kentucky.

Illnesses that occurred after August 20, 2012 might not yet be reported due to the time it takes between when a person becomes ill and when the illness is reported.

Investigation Update

During August 2012, CDC began collaborating with public health officials in several states and the U.S. Food and Drug Administration (FDA) to investigate a multistate outbreak of *Salmonella* Newport infections. Epidemiologic, laboratory, and traceback investigations conducted by officials in local, state, and federal public health, agriculture, and regulatory agencies indicate that cantaloupes grown by Chamberlain Farms in Indiana are a likely source of this outbreak of *Salmonella* Newport infections. Among 30 persons for whom information is available in this outbreak, illness onset dates range from July 9, 2012 to August 18, 2012. Ill persons range in age from 4 years to 80 years, with a median age of 60 years. Forty-three percent of patients are female. Among 23 persons with available information, 11 (47%) reported being hospitalized. No deaths have been reported. The geographic distribution, dates of illness onset, and initial interview information suggested a possible connection between this outbreak and the *Salmonella* Typhimurium outbreak linked to Chamberlain farms. Among 21 people in the *Salmonella* Newport outbreak for whom information is available, 13 (61%) reported eating cantaloupe in the 7 days before illness.

As part of the ongoing investigation at Chamberlain Farms, FDA collected and tested samples of cantaloupe. One of these samples yielded *Salmonella* Newport with a PFGE pattern (pattern .0807) indistinguishable from the cluster of *Salmonella* Newport infections described above. Based on an epidemiologic link and results of laboratory testing, CDC has combined these two investigations and grouped the two associated PFGE patterns together as the "outbreak strains."

Also as part of the ongoing investigation at Chamberlain Farms, the State of Indiana collected and tested samples of watermelon grown at the farm. One of these samples yielded *Salmonella* Newport with a different PFGE pattern (.0149). This pattern is indistinguishable from another cluster of 25 ill persons with *Salmonella* Newport infections in 8 states currently being investigated by state and federal officials. Investigations are ongoing to determine if there is a link between these illnesses and consumption of melons.

August 30, 2012

Case Count Update

A total of 204 individuals infected with the outbreak strain of *Salmonella* Typhimurium have been reported from 22 states. The 26 new cases are from 12 states: Arkansas (2), Florida (1), Georgia (1), Illinois (3), Indiana (4), Iowa (1), Kentucky (7), Minnesota (1), Missouri (1), North Carolina (2), Ohio (1), and Tennessee (2).

Among 149 persons for whom information is available, illness onset dates range from July 7, 2012 to August 18, 2012. Ill persons range in age from less than 1 year to 100 years, with a median age of 50 years. Fifty-nine percent of ill persons are female. Among 149 persons with available information, 78 (52%) reported being hospitalized. Two deaths have been reported in Kentucky.

Illnesses that occurred after August 7, 2012 might not yet be reported due to the time it takes between when a person becomes ill and when the illness is reported.

August 28, 2012

Environmental Sampling Update

From August 14 to 16, FDA investigators collected samples from surface areas at the farm as well as samples of cantaloupe at Chamberlain Farms. Samples of cantaloupe collected at Chamberlain Farms show the presence of *Salmonella* Typhimurium bacteria with a DNA fingerprint that matches the outbreak strain.

August 23, 2012

Case Count Update

A total of 178 individuals infected with the outbreak strain of *Salmonella* Typhimurium have been reported from 21 states. The 37 new cases are from 13 states: Alabama (6), Georgia (2), Illinois (4), Indiana (5), Kentucky (6), Massachusetts (2), Minnesota (1), Mississippi (3), Missouri (3), New Jersey (1), Ohio (1), Texas (1), and Wisconsin (2). Since the last update cases have been reported from one additional state, Massachusetts.

Among 121 persons for whom information is available, illness onset dates range from July 7, 2012 to August 9, 2012. Ill persons range in age from less than 1 year to 100 years, with a median age of 48 years. Fifty-nine percent of ill persons are female. Among 121 persons with available information, 62 (51%) reported being hospitalized. Two deaths have been reported in Kentucky.

Illnesses that occurred after July 31, 2012 might not yet be reported due to the time it takes between when a person becomes ill and when the illness is reported.

Recall

On August 22, 2012, Chamberlain Farms Produce, Inc. of Owensville, Indiana voluntarily recalled cantaloupe

(<http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm316665.htm>)

(<http://www.cdc.gov/Other/disclaimer.html>) grown on its farm, because it may be one source contributing to the multistate outbreak of *Salmonella* Typhimurium infections.

Records available currently indicate that this product was initially shipped to Indiana, Kentucky, Missouri, Tennessee, Ohio, Illinois, and Wisconsin, although further shipment was likely.

Initial Announcement

August 17, 2012

CDC is collaborating with public health officials in several states and the U.S. Food and Drug Administration (FDA) to investigate a multistate outbreak of *Salmonella* Typhimurium infections. Joint investigation efforts indicate that cantaloupe grown in southwestern Indiana is a likely source of this outbreak. As a result of the initial investigations by the state health departments in Indiana and Kentucky, a farm in southwestern Indiana has contacted its distributors, which reach outside Indiana into other states, and is withdrawing its cantaloupe from the market place. The farm has agreed to cease distributing cantaloupes for the rest of the growing season... ([show more](#)) (#)

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Content source: Centers for Disease Control and Prevention
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Division of Foodborne, Waterborne, and Environmental Diseases (DFWED)

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