



Centers for Disease Control and Prevention
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Salmonella

Multistate Outbreak of Human *Salmonella* Infantis Infections Linked to Dry Dog Food

Posted May 11, 2012 3:30 PM ET

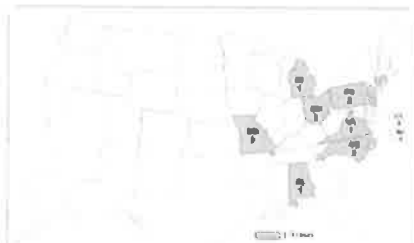
At a Glance:

- **Case Count: 15** (</salmonella/dog-food-05-12/epi.html>)
- **States: 9** (</salmonella/dog-food-05-12/map.html>)
- **Deaths: 0**
- **Hospitalizations: 5**
- **Recall: Yes** (</salmonella/dog-food-05-12/advice-consumers.html>)

More Information:

- [Recall & Advice to Consumers \(/salmonella/dog-food-05-12/advice-consumers.html\)](/salmonella/dog-food-05-12/advice-consumers.html)
- [Signs & Symptoms \(/salmonella/dog-food-05-12/signs-symptoms.html\)](/salmonella/dog-food-05-12/signs-symptoms.html)
- [Key Resources \(/salmonella/dog-food-05-12/key-resources.html\)](/salmonella/dog-food-05-12/key-resources.html)

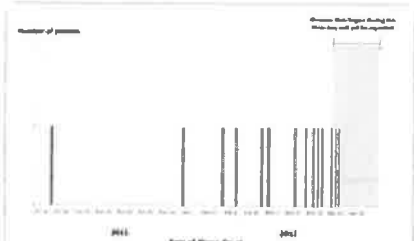
Latest Case Count Map



[\(/salmonella/dog-food-05-12/map.html\)](/salmonella/dog-food-05-12/map.html)

Click map to view updated & previous case count maps. (</salmonella/dog-food-05-12/map.html>)

Latest Epi Curve



[\(/salmonella/dog-food-05-12/epi.html\)](/salmonella/dog-food-05-12/epi.html)

[Click graph to view updated & previous epi curve graphs. \(/salmonella/dog-food-05-12/epi.html\)](#)

Highlights

- **Read the Advice to Consumers »** (</salmonella/dog-food-05-12/advice-consumers.html>)
- A total of 15 individuals infected with the outbreak strain of *Salmonella* Infantis have been reported from 9 states. Additionally, one ill person has been reported from Canada.
 - The number of ill persons identified in each state is as follows: Alabama (1), Connecticut (1), Michigan (1), Missouri (3), North Carolina (3), New Jersey (1), Ohio (2), Pennsylvania (2), and Virginia (1). One new ill person was reported from Pennsylvania.
 - Among the 10 patients with available information, 5 (50%) were hospitalized. No deaths have been reported.
- Multiple brands of dry dog food produced by Diamond Pet Foods at a single manufacturing facility in South Carolina have been linked to some of the human *Salmonella* infections.
- Consumers should check their homes for recalled pet food products and discard them promptly. People who think they might have become ill after contact with dry pet food or with an animal that has eaten dry pet food should consult their health care providers.
- [Information for Pet Owners »](/salmonella/dog-food-05-12/pet-owners-info.html) (</salmonella/dog-food-05-12/pet-owners-info.html>)
- [Information for Veterinarians \(/salmonella/dog-food-05-12/vet-info.html\)](/salmonella/dog-food-05-12/vet-info.html) »

May 11, 2012

Case Count Update

A total of 15 individuals infected with the outbreak strain of *Salmonella* Infantis have been reported from 9 states. The number of ill persons identified in each state is as follows: Alabama (1), Connecticut (1), Michigan (1), Missouri (3), North Carolina (3), New Jersey (1), Ohio (2), Pennsylvania (2), and Virginia (1). One new ill person was reported from Pennsylvania.

Additionally, one ill person has been reported from Canada (<http://www.phac-aspc.gc.ca/fs-sa/phn-asp/spf-sna-eng.php>) & (<http://www.cdc.gov/Other/disclaimer.html>).

Among persons for whom information is available, illnesses began between October 8, 2011 and April 16, 2012. Ill persons range in age from less than one year old to 82 years old and the median age is 47 years. Seventy-three percent of patients are female. Among the 10 patients with available information, 5 (50%) were hospitalized. No deaths have been reported.

Illnesses that occurred after April 13, 2012 might not yet be reported due to the time it takes between when a person becomes ill and when the illness is reported.

Initial Announcement

May 3, 2012

CDC is collaborating with public health and agriculture officials in multiple states and the US Food and Drug Administration (FDA) to investigate an ongoing multistate outbreak of human *Salmonella* Infantis infections. Public health investigators used DNA "fingerprints" of *Salmonella* bacteria obtained through diagnostic testing with pulsed-field gel electrophoresis, or PFGE, to identify cases of illness that may be part of this outbreak. They used data from [PulseNet \(/pulsenet/\)](/pulsenet/), the national subtyping network made up of state and local public health laboratories and federal food regulatory laboratories that performs molecular surveillance of

foodborne infections. The outbreak strain is rare and typically 0-3 isolates are reported per month.

Multiple brands of dry pet food produced by Diamond Pet Foods at a single manufacturing facility in South Carolina have been linked to some of the human *Salmonella* infections. People who think they might have become ill after contact with dry pet food or with an animal that has eaten dry pet food should consult their health care providers.

A total of 14 individuals infected with the outbreak strain of *Salmonella* Infantis have been reported from 9 states. The number of ill persons identified in each state is as follows: Alabama (1), Connecticut (1), Michigan (1), Missouri (3), North Carolina (3), New Jersey (1), Ohio (2), Pennsylvania (1), and Virginia (1).

Among persons for whom information is available, illnesses began between October 8, 2011 and April 22, 2012. Ill persons range in age from less than one year old to 82 years old and the median age is 48 years. Seventy-seven percent of patients are female. Among the 9 patients with available information, 5 (56%) were hospitalized. No deaths have been reported.

The outbreak can be visually described with a chart showing the number of persons who became ill each day. This chart is called an [epidemic curve or epi curve \(/salmonella/dog-food-05-12/epi.html\)](/salmonella/dog-food-05-12/epi.html). Illnesses that occurred after April 1, 2012 might not yet be reported due to the time it takes between when a person becomes ill and when the illness is reported. This takes an average of 2 to 3 weeks. Please see the [Salmonella Outbreak Investigations: Timeline for Reporting Cases \(/salmonella/reportingtimeline.html\)](/salmonella/reportingtimeline.html) for more details.

Investigation of the Outbreak

On April 2, 2012, the Michigan Department of Agriculture and Rural Development detected *Salmonella* in an unopened bag of Diamond Naturals Lamb Meal & Rice dry dog food, which had been collected March 14, 2012, during routine retail testing of dry pet food. Public health investigators used PulseNet to identify recent cases of human illness with a PFGE pattern indistinguishable from *Salmonella* Infantis which was isolated from the unopened bag of dry dog food produced by Diamond Pet Foods. In interviews, ill persons answered questions about contact with animals and foods consumed during the week before becoming ill. Seven of 10 (70%) ill persons interviewed reported contact with a dog in the week before becoming ill. Of 5 ill persons who could recall the type of dog food with which they had contact, 4 (80%) identified dry dog food produced by Diamond Pet Foods that may have been produced at a single facility in South Carolina... ([show more »](#)) (#)

Page last reviewed: May 3, 2012

Page last updated: May 11, 2012

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[National Center for Emerging and Zoonotic Infectious Diseases \(NCEZID\)](#)

[Division of Foodborne, Waterborne, and Environmental Diseases \(DFWED\)](#)

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