

Salmonella Senftenberg

Background: *Salmonella enterica subsp. enterica* serovar Senftenberg (antigenic formula: 1,3,19:g,[s],t:--) is a serovar of the O:1,3,19 (E4) serogroup. While *S. Senftenberg* is a rare serovar in human cases (only 7 cases in 10 years in the US), it has been linked with several outbreaks. This serovar is though, very common in animals and food. In the US is among the top 5 serovars isolated from food, and among the top 11 serovars isolated from clinical animals. Among source of outbreaks are contaminated basil and alfalfa sprouts.

Animal reservoir: Poultry is one of the identified reservoirs, but this serovar has also been found in other animals.

Geographical distribution: This serovar is widely distributed, it has been found in North America, Europe and Asia.

Outbreaks:

Year	Location	Associated source	Number of cases
2016	US-Multistate, Canada, Mexico Peru	Pistachios	2
2014	US-Multistate	Pistachios	8
2010	US-Multistate	Salami	11
2007	EU	Basil	55
1997-98	US-two states	Alfalfa sprouts	52
1995	England	Baby cereal	5

Border Rejections and Recalls:

Year	Exporting Country (if applicable)	Country Issuing Recall/Rejection	Food
2016		US-Multistate, Canada, Mexico, Peru	Wonderful Pistachios
2019	Poland	Netherlands	Yeast
2023	Hungary	Germany	Onion powder

Relevant links:

1. <http://www.fda.gov/Food/RecallsOutbreaksEmergencies/Outbreaks/ucm386377.htm>
2. <http://www.cdc.gov/Salmonella/montevideo/>
3. <http://www.ncbi.nlm.nih.gov/pubmed/18622860>
4. <http://www.ncbi.nlm.nih.gov/pubmed/18851676>
5. <http://analytics.foodtrack.net/cgi-bin/read?rid=MjAxOTYyMjExMzQ0Rk9PRFRSQ0tCVUxMRVRTXzAyMjExOUw0MjY=&style=html&source=email>
6. <https://webgate.ec.europa.eu/rasff-window/screen/notification/604602>