

# Salmonella Montevideo

**Background:** *Salmonella enterica* subsp. *enterica* serovar Montevideo (antigenic formula 6,7,14:g,m,[p],s:[1,2,7]) is a serovar of the O:7 (C<sub>1</sub>) serogroup. *S.* Montevideo is the sixth most common serovar isolated from humans and animals in the U.S. Outbreaks caused by *S.* Montevideo have been associated with [imported spices](#) and [live poultry](#). Whole [genome sequencing](#) of a number of *S.* Montevideo strains have been conducted, including an study that identified one strain with two [large plasmids](#) that encoded antimicrobial and heavy metal resistance genes.

**Animal reservoir:** Cattle and chickens are common reservoirs of *S.* Montevideo.

**Geographical distribution:** *S.* Montevideo is globally distributed. It has been reported, among the most common serovars, in the U.S., Europe, Latin America, Asia, and Oceania

**Outbreaks:** Numerous outbreaks in different countries have been linked to serovar Montevideo, imported spices have been associated with several of these outbreaks.

Year	Location	Associated source	Number of cases
2018	US-multistate	Sprouts	10
2017	US-multistate	Tahini	8
2016	US-multistate, Mexico, Canada, Peru	pistachios	9
2013	US-multistate	Tahini	16
2012	US-multistate	Live poultry	93
2010	US-multistate	Red and Black Pepper/Italian-Style Meats	272
2010	Germany	Dietary food supplement	15
2002-03	Australia & New Zealand	Tahini	68
2002	Japan	Lunch prepared by caterer	23
1996	England	Cooked chicken	10

**Recalls:** Food recalls have been associated with *S.* Montevideo.

Year	Location	Recalled food	Type
2016	US-multistate, Mexico, Canada, Peru	<a href="#">Wonderful Pistachios</a>	nuts

## Relevant links and references:

1. <http://www.cdc.gov/salmonella/montevideo-tahini-05-13/>
2. <http://www.cdc.gov/salmonella/montevideo-06-12/index.html>
3. <http://www.cdc.gov/salmonella/montevideo/index.html>
4. <http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=20040>
5. <http://www.cdc.gov/salmonella/montevideo-03-16/index.html>
6. <http://www.foodsafetynews.com/2013/05/salmonella-linked-to-tahini-sickens-8-across-country/#.WVvXMPnyuUI>
7. <https://www.cdc.gov/salmonella/montevideo-01-18/index.html>