

Salmonella Oranienburg

Background: *Salmonella enterica* subsp. *enterica* serovar Oranienburg (antigenic formula 6,7,14:m,t:[z57]) is a serovar of the O:7 (C₁) serogroup. *S.* Oranienburg ranks 13th among human salmonellosis cases in the U.S. This serovar has been isolated from [multiple sources](#) (domesticated animals, wild animals, and soil). One outbreak in [dairy calves](#) was reported in Michigan, the outbreak strains showed resistance to ciprofloxacin and cephalotin. In Argentina, an strain encoding extended-spectrum -lactamases was reported in a [pediatric hospital](#).

Animal reservoir: Animal reservoirs for *S.* Oranienburg include bovine, equine, porcine, chicken and wild animals.

Geographical distribution: *S.* Oranienburg is commonly found in North and Latin America. In these regions, it ranks among the most common 15th *Salmonella* serovars. However, outbreaks in other regions (Australia, Japan, and Europe) have been reported.

Outbreaks: Outbreaks linked to *S.* Oranienburg have been detected worldwide.

Year	Location	Associated source	Number of cases
2021	US-multistate	Onions	892
2016	US-multistate	shell eggs	8
2006	US-Canada	Fruit salad	41
2005	Australia	Alfalfa sprouts	125
2001	Europe	Chocolate	439
1999	Japan	Dry squid	1634
1998	Canada	Cantaloupe	21
1998	Australia	Gelato	102

Relevant links:

1. <http://link.springer.com/article/10.1186%2F1471-2334-5-7>
2. <http://www.ncbi.nlm.nih.gov/pubmed/16850895>
3. <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5639a3.htm>
4. <http://www.ncbi.nlm.nih.gov/pubmed/23425126>
5. <http://www.ncbi.nlm.nih.gov/pubmed/20464138>
6. <http://www.ncbi.nlm.nih.gov/pubmed/20939741>
7. <http://www.fda.gov/Food/RecallsOutbreaksEmergencies/Outbreaks/ucm523017.htm>