

# Salmonella Chester

**Background:** *Salmonella enterica subsp. enterica* serovar Chester (antigenic formula: 1,4,[5],12:e,h: e,n,x:) is a serovar of the O:4 (B) serogroup. Serovar Chester is a rare serovar worldwide; in the US during 2001-2011, only 403 human cases have been reported. In addition, animal and food surveillance have not found *S. Chester* in these sources in the US. A recent recall of fish meal feed materials from Morocco was conducted in the EU.

**Animal reservoir:** There is not clear evidence of the animal reservoir for this serovar.

**Geographical distribution:** *S. Chester* have been reported from different regions, including countries in North (US, Canada) and South America (Brazil), Morocco and Australia.

**Outbreaks:** Despite the fact that this is a rare serovar, four outbreaks have been reported; 2 of them were reported in Australia.

Year	Location	Associated source	Number of cases
2010	Canada	headcheese	33
2010	US-multistate	Frozen meals	44
2005	Australia	Tap water	26
1988	Australia	Turtle meat	36

## Relevant links:

1. <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6248a2.htm>
2. <http://www.cdc.gov/salmonella/chester/archive/061810.html>
3. <http://www.ncbi.nlm.nih.gov/pubmed/22488063>
4. <http://www.outbreakdatabase.com/details/canada-freybe-gourmet-foods-ltd.-and-g.-brandt-meat-products-ltd.-head-cheese-2010/>
5. <http://www.ncbi.nlm.nih.gov/pubmed/10774704>