Estimating the true incidence of campylobacteriosis and salmonellosis in the European Union, 2009 - DTU Orbit (09/12/2018)

**Estimating the true incidence of campylobacteriosis and salmonellosis in the European Union, 2009**

We estimated the true incidence of campylobacteriosis and salmonellosis in the European Union (EU) in 2009. The estimate was based on disease risks of returning Swedish travellers, averaged over the years 2005-2009, and anchored to a Dutch population-based study on incidence and aetiology of gastroenteritis. For the 27 EU member states the incidence of campylobacteriosis was about 9.2 (95 % CI 2.8-23) million cases, while the incidence of salmonellosis was 6.2 (95 % CI 1.0-19) million cases. Only 1/47 (95 % CI 14-117) cases of campylobacteriosis and one 1/58 (95 % CI 9-172) cases of salmonellosis were reported in the EU. The incidence rate of campylobacteriosis in EU member states varied between 30 and 13 500/100 000 population and was significantly correlated with the prevalence of Campylobacter spp. in broiler chickens. The incidence rate of salmonellosis in EU member states varied between 16 and 11 800/100 000 population and was significantly correlated with the prevalence of Salmonella Enteritidis in laying hens.

**General information**

State: Published
Organisations: National Food Institute, Division of Epidemiology and Microbial Genomics, National Institute of Public Health and the Environment, Swedish Institute for Communicable Disease Control
Contributors: Havelaar, A. H., Ivarsson, S., Lofdahl, M., Nauta, M.
Pages: 293-302
Publication date: 2013
Peer-reviewed: Yes

**Publication information**

Journal: Epidemiology and Infection
Volume: 141
Issue number: 2
ISSN (Print): 0950-2688
Ratings:
BFI (2018): BFI-level 1
Web of Science (2018): Indexed yes
BFI (2017): BFI-level 1
Scopus rating (2017): CiteScore 1.88 SJR 1.128 SNIP 0.807
Web of Science (2017): Impact factor 2.044
Web of Science (2017): Indexed yes
BFI (2016): BFI-level 1
Scopus rating (2016): CiteScore 1.98 SJR 1.18 SNIP 0.866
Web of Science (2016): Impact factor 2.075
Web of Science (2016): Indexed yes
BFI (2015): BFI-level 1
Scopus rating (2015): CiteScore 2.29 SJR 1.349 SNIP 1.052
Web of Science (2015): Impact factor 2.515
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 1
Scopus rating (2014): CiteScore 2.19 SJR 1.305 SNIP 1.016
Web of Science (2014): Impact factor 2.535
Web of Science (2014): Indexed yes
BFI (2013): BFI-level 1
Scopus rating (2013): CiteScore 2.57 SJR 1.337 SNIP 1.113
Web of Science (2013): Impact factor 2.491
ISI indexed (2013): ISI indexed yes
Web of Science (2013): Indexed yes
BFI (2012): BFI-level 1
Scopus rating (2012): CiteScore 2.69 SJR 1.437 SNIP 1.17
Web of Science (2012): Impact factor 2.867
ISI indexed (2012): ISI indexed yes
Web of Science (2012): Indexed yes
BFI (2011): BFI-level 1
Scopus rating (2011): CiteScore 2.71 SJR 1.326 SNIP 1.214