

TECHNICAL REPORT OF EFSA

Activities of the Task Force on Zoonoses Data Collection in 2011¹

European Food Safety Authority^{2, 3}

European Food Safety Authority (EFSA), Parma, Italy

SUMMARY

This report includes the annual report to the Advisory Forum on the activities on EFSA Network of Task Force on Zoonoses Data Collection in 2011. The Task Force had six meetings in 2011, three regular ones and three specific meetings on food-borne outbreaks, IT issues and antimicrobial resistance. The Task Force reviewed and/or endorsed five scientific reports of EFSA, three technical reports and three external scientific reports submitted to EFSA. These reports covered among others the annual Community Summary Reports on zoonoses, food-borne outbreaks and antimicrobial resistance, analyses reports from EU-wide baseline surveys on zoonotic agents, report on specifications for reporting of food-borne outbreaks, report on epidemiological indicators for meat inspection of swine. The Task Force also agreed upon arrangements for the yearly data reporting and the analyses of the annual datasets. Specific attention was given to the gradual move to more automatic data transfers.

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KEY WORDS

Zoonoses, Data collection, networks

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² Correspondence: zoonoses@efsa.europa.eu

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ANNUAL REPORT FROM EFSA NETWORK – TASK FORCE OF ZOOSES DATA COLLECTION

Report on 2011 activities to the Advisory Forum from the Task Force on Zoonoses Data Collection

The Task Force on Zoonoses Data Collection is the oldest EFSA Network being established already in 2004. Its role is to support EFSA in all issues related to collection and analyses of data on zoonoses, antimicrobial resistance and food-borne outbreaks. The Task Force consists of representatives from all the European Union (EU) Member States, two other reporting European countries (Norway and Switzerland), the European Commission, and the European Centre for Disease prevention and Control (ECDC), the World Health Organisation (WHO), the World Organisation for Animal Health (OIE) and the current EU candidate countries.

In 2011, three regular Task Force meetings and three specific Task Force meetings were organised.

The regular Task Force meetings took place in March, June and October 2011. The meeting in October was organised in collaboration with the European Centre for Disease Prevention and Control (ECDC) in Rome. It was the first joint EFSA-ECDC networks meeting, including both ECDC's Food and Waterborne Disease network and EFSA's Task Force on Zoonoses Data Collection.

The main topic of the joint EFSA-ECDC network meeting was the STEC/VTEC O104:H4 outbreaks in Europe in 2011. Presentations on the investigation of these outbreaks were given by German, French and EU experts. The meeting also focused on presenting tools and methodologies for food-borne outbreak investigations and strengthening the reporting at national and EU level. The joint meeting was carried out successfully with lively discussions and the meeting was well received by the network members.

At the other regular Task Force meetings the main items discussed were the organisation of the annual data reporting and endorsement and review of the EFSA's scientific and technical reports on the analyses and reporting of the data on zoonoses, antimicrobial resistance and food-borne outbreaks. Special attention was given to the gradual move to automatic data transfers such as XML and Excel tool utilising EFSA's Data Collection Framework.

The Task Force discussed, commented and endorsed five EFSA's scientific reports and three technical reports in 2011. These reports included, among others, EU Summary Reports on antimicrobial resistance in 2009, a report on analyses of the EU-wide baseline survey on *Salmonella* in breeding pigs, a report on update technical specifications for reporting of food-borne outbreaks and the first report related to the meat inspection modernisation mandate: the report on epidemiological indicators for meat inspection of swine. The technical reports covered two reporting manuals to support the reporting of 2010 data as well as a joint report prepared with ECDC on STEC/VTEC in humans, animals and food in EU with specific reference to German outbreak strain STEC O104, which was issues to help the outbreak investigation.

In addition the Task Force were informed about the external reports published in 2011, which concerned *Salmonella* source attribution, statistical evaluation of achievement of the *Salmonella* reduction targets and statistical methods for antimicrobial resistance data analyses.

The second specific Task Force meeting on food-borne outbreaks was organised on 3-4 May 2011. The meeting focused on the implementation of the new reporting specifications for the food-borne outbreaks in EU.

In September, the unit organised the second specific Task Force meeting on IT issues. This meeting dealt mainly with the technical aspects related to the application of the more automatic data transfer tools such as XML, Excel and DCF. During the meeting the format of the reporting for these new tools were agreed upon, as well as proposed enhancements to EFSA's data collection system.

The first specific Task Force meeting on antimicrobial resistance was held on 4-5 October 2011. At the meeting the further harmonisation of reporting and monitoring of antimicrobial resistance in food and animals was discussed. In addition, the move to isolate-based reporting was addressed and the Member States were encouraged to join this reporting since it will facilitate better analyses of the data and monitoring of multi-resistance. Also the most optimal methods to analyse the antimicrobial resistance data were covered during the discussions.

Generally, the specific Task Force meetings were well received by the Member States because they allowed more in-depth discussions on these respective fields and the attendance of the experts working in these specific fields.

The member of the Task Force on Zoonoses Data Collection in 2011

Members from the EU Member States:

Susan Chircop (Malta), Georgi Chobanov (Bulgaria), Veronica Cibin (Italy), Emma Martín Denia (Spain), Matthias Hartung (Germany), Birgitte Helwich (Denmark), Simona Iannetti (Italy), Patrícia Inácio (Portugal), Elina Lahti (Sweden), Lesley Larkin (the United Kingdom), Jose Luis Saez Llorente (Spain), Peter Much (Austria), Edith Nagy (Hungary), Iona Neghirla (Romania), Lisa O'Connor (Ireland), Rob Van Oosterom (The Netherlands), Jacek Osek (Poland), Manca Pavšič (Slovenia), Christodoulos Pipis (Cyprus), Saara Raulo (Finland), Konstantins Golubevs (Latvia), Julien Santolini (France), Petr Šatrán (Czech Republic), Joseph Schon (Luxembourg), Jelena Sögel (Estonia), Snieguole Sceponaviciene (Lithuania), Kilian Unger (Ireland), Luc Vanholme (Belgium) and Dimitris Vourvidis (Greece), Merete Hofshagen (Norway),

Observers and representatives of the Commission, EU Agencies, international organisations and other countries:

Kris De Smet (the Commission), Sarolta Idei (the Commission), Johanna Takkinen (ECDC), Hilde Kruse (WHO), Daniel Chaisemartin (OIE), Jürg Danuser (Switzerland), Güzin Sahin (Turkey), Dražen Knežević (Croatia), Greta Nikolovska (the Former Yugoslav Republic of Macedonia)

The minutes from the Task Force on Zoonoses Data Collection meetings in 2011

The minutes from the Task Force meetings in 2011 are published on EFSA website.

- 22nd Meeting of the Task Force of Zoonoses Data Collection, 15-16 March 2011, Parma
<http://www.efsa.europa.eu/en/events/event/zoonoses110315.htm>
- 23rd Meeting of the Task Force of Zoonoses Data Collection, 21-22 June 2011, Parma
<http://www.efsa.europa.eu/en/events/event/zoonoses110621.htm>
- 24th Meeting of the Task Force of Zoonoses Data Collection, 27-28 October 2011, Rome
<http://www.efsa.europa.eu/en/events/event/111027.htm>
<http://www.efsa.europa.eu/en/events/event/zoonoses111027.htm>
- 2nd specific meeting on food-borne outbreaks of the Task Force on Zoonoses Data Collection, 3-4 May 2011, Parma
<http://www.efsa.europa.eu/en/events/event/zoonoses110503.htm>
- 2nd specific IT experts meeting of the Task Force on Zoonoses Data Collection, 21-22 September 2011, Parma
<http://www.efsa.europa.eu/en/events/event/zoonoses110928.htm>
- 1st specific meeting on antimicrobial resistance of the Task Force on Zoonoses Data Collection, 4-5 October 2011, Parma
<http://www.efsa.europa.eu/en/events/event/zoonoses111004.htm>

The EFSA reports endorsed or reviewed by the Task Force on Zoonoses Data Collection in 2011

Scientific reports of EFSA

- Scientific report on updated technical specifications for harmonised reporting of food-borne outbreaks through the European Union reporting system in accordance with Directive 2003/99/EC; EFSA Journal 2011;9(4):2101 [24 pp.].
<http://www.efsa.europa.eu/en/efsajournal/pub/2101.htm>
- European Union summary report on antimicrobial resistance in zoonotic and indicator bacteria from animals and food in the European Union in 2009; EFSA Journal 2011;9(7):2154 [321 pp.].
<http://www.efsa.europa.eu/en/efsajournal/pub/2154.htm>

- Scientific report on analysis of the baseline survey on the prevalence of *Salmonella* in holdings with breeding pigs, in the EU, 2008 - Part B: factors associated with *Salmonella* pen positivity; EFSA Journal 2011;9(7):2329 [159 pp.].

<http://www.efsa.europa.eu/en/efsajournal/pub/2329.htm>

- Scientific report on statistical analysis of temporal and spatial trends of zoonotic agents in animals and food Part II: Applications of spatial analysis and further developments of temporal analysis. EFSA Journal 2011;9(8):2331 [72 pp.].

<http://www.efsa.europa.eu/en/efsajournal/pub/2331.htm>

- Scientific report on technical specifications on harmonised epidemiological indicators for public health hazards to be covered by meat inspection of swine. EFSA Journal 2011;9(10):2371 [125 pp.].

<http://www.efsa.europa.eu/en/efsajournal/pub/2371.htm>

Technical reports of EFSA

- Technical report of EFSA on manual for Reporting on Zoonoses, Zoonotic Agents and Antimicrobial Resistance in the framework of Directive 2003/99/EC and of some other pathogenic microbiological agents for information derived from the year 2010. Supporting Publications 2011:135

<http://www.efsa.europa.eu/en/supporting/pub/135e.htm>

- Technical report of EFSA on manual for reporting of food-borne outbreaks in accordance with Directive 2003/99/EC from the year 2010. Supporting Publications 2011:138

<http://www.efsa.europa.eu/en/supporting/pub/138e.htm>

- Joint EFSA/ECDC technical report: Shiga toxin/verotoxin-producing *Escherichia coli* in humans, food and animals in the EU/EEA, with special reference to the German outbreak strain STEC O104.

<http://www.efsa.europa.eu/en/supporting/pub/166e.htm>

External scientific report submitted to EFSA

- External scientific report submitted to EFSA on estimation of the relative contribution of different food and animal sources to human *Salmonella* infections in the European Union.

<http://www.efsa.europa.eu/en/supporting/pub/184e.htm>

- External scientific report submitted to EFSA on Statistical Evaluation of the Achievements by Member States of the EU *Salmonella* Reduction Targets in Animal Populations.

<http://www.efsa.europa.eu/en/supporting/pub/91e.htm>

- External scientific report submitted to EFSA on Development of statistical methods for the evaluation of data on antimicrobial resistance in bacterial isolates from animals and food.

<http://www.efsa.europa.eu/en/supporting/pub/186e.htm>