



DATA COLLECTION ACTIVITIES:

**Mary Gilsenan, Head of Unit,
Evidence Management
*30th Meeting of the
Focal Point Network***

**MTG 08-09, EFSA premises
Parma, Italy, 8th – 9th February 2017**

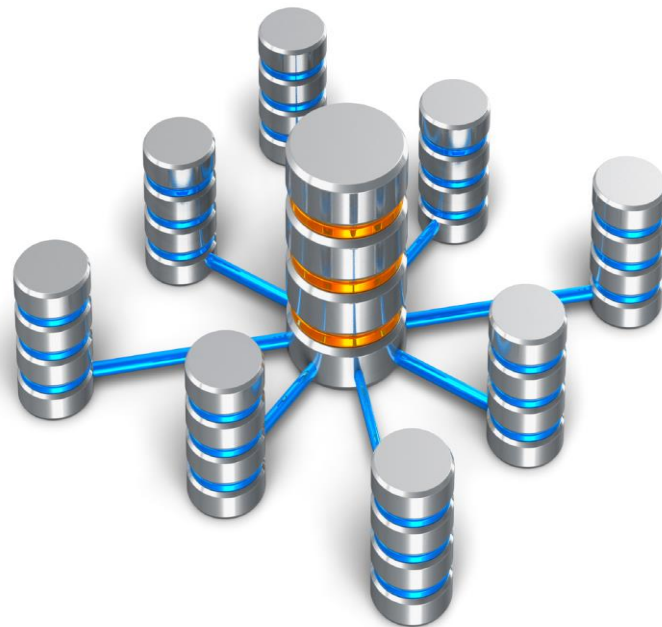
OUTLINE

- Update on the EFSA scientific data warehouse
- Pre-Accession: data collection activities
- TSE sub-group under the scientific network on zoonoses monitoring data

EFSA SCIENTIFIC DATA WAREHOUSE



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DATA WAREHOUSE: ACCESS TO DATA

Widen EFSA's evidence base
and maximise access to its data
[Strategic objective 2 of EFSA 2020
Strategy]



DATA WAREHOUSE: DATA COLLECTIONS

Contaminant occurrence

Pesticide residue occurrence

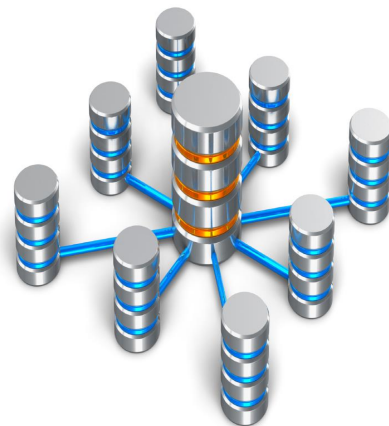
Food additive occurrence

Zoonotic diseases incl. AMR

Food consumption

Veterinary medicinal product residues

Other (e.g. food composition, chemical hazards, botanicals)



DATA WAREHOUSE: PUBLIC ACCESS

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Home > Science > Data collection and analysis

Data collection and analysis

Food consumption ▶

Biological hazards ▶

Chemical hazards

Chemical contaminants

Chemical residues

Compendium of Botanicals ▶

Standardisation

Toolbox - how to submit data

Data collection, standardisation and analysis

Data are the "ingredients" of scientific assessments.

The collection of accurate, up-to-date and comparable data is a prerequisite for informed risk assessment and for risk management decisions:

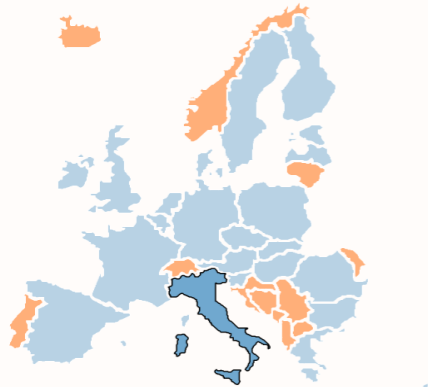
- By collecting data from European countries and other sources we can determine, for example, which foods are contaminated with bacteria or chemicals and at what levels. This information, combined with reliable information on food consumption, enables risk assessors to calculate consumer exposure to a certain hazard.
- Collecting EU-wide data also makes it possible to monitor the effectiveness of food safety programmes, such as the EU-wide effort to reduce the incidence of *Salmonella* in chickens.

<http://www.efsa.europa.eu/en/science/data>

EXAMPLE: FOOD CONSUMPTION DASHBOARD



Number of survey per country



Survey Details

Number of subjects per survey Italy

Year	Pop Class	Total	Infants	Toddlers	Other	Adolescents	Adults	Elderly	Very elderly
	Survey	Nr Subjects	Nr Subjects	Nr Subjects	Nr Subjects	Nr Subjects	Nr Subjects	Nr Subjects	Nr Subjects
2005	INRAN_SCAI	3,323	16	36	193	247	2,313	290	228

Survey details (1/2)

Survey details (2/2)

Survey age class

Country Italy

Survey Italian National Food Consumption Survey
INRAN-SCAI 2005-06

Institution providing the data National Institute for Research on Food and Nutrition (INRAN)

FFQ or FPQ Not Available

Interview administration Not Available

DATA WAREHOUSE: ACCESS LINKS

1. Data providers	here
2. Food consumption:	
Survey details	here
Food intake (g/d example)	here ; here
3. Pesticide residues	To be published
4. Zoonoses:	
Animal population	here
Disease status	here
Food-borne outbreaks	here
Multi Annual Zoonoses – Shiga toxin producing Escherichia coli (STEC) Analysis	here
Multi Annual Zoonoses - Trichinella Analysis	here
Prevalence & AMR	To be published
5. Contaminant occurrence:	
Distribution of samples received 2011, 2012, 2013	Here , here , here
6. Other:	
Botanicals: EFSA compendium of botanicals	here
Chemical hazards: OpenFoodTox	here

DATA WAREHOUSE: OTHER ACTIVITIES

- On going enhancements to facilitate smoother and more efficient data transmission for data providers
- Circle of Trust Initiative*
 - Voluntary data sharing initiative with chemical occurrence network members

*<http://www.efsa.europa.eu/en/contamesters/docs/CircleOfTrust.pdf>

DATA WAREHOUSE DEMONSTRATIONS.....



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OUTLINE

- Update on the EFSA scientific data warehouse
- **Pre-Accession countries: data collection activities**
- TSE sub-group under the scientific network on zoonoses monitoring data

DATA COLLECTION ACTIVITIES

- 2012: **Workshop** on data collection and analysis for pre-accession countries
 - SSD; FoodEx; food consumption; EU Menu project
- Annual participation of Pre-Accession countries in data **network meetings**
- 2016: **Training** on basic concepts and methodologies in food risk assessment
 - FoodEx & SSD; chemical hazards database
 - Zoonoses data collection; EU Menu project

DATA COLLECTION ACTIVITIES (CONTD./)

- 2016: **Training** on data collection and reporting of zoonoses and zoonotic agents, antimicrobial resistance and food-borne outbreaks
 - Knowledge transfer
 - Harmonise reporting
 - Sharing of experience (Croatia)



DATA COLLECTION ACTIVITIES (CONTD//)

- 2017: Dedicated training on zoonoses data collection at national level
- 2017 - : First year of transmission of data on zoonoses and AMR to EFSA
- 2017 - : Funding awarded to participate the EU menu project

OUTLINE

- Update on the EFSA scientific data warehouse
- Data collection activities from Pre-Accession countries
- **TSE sub-group under the scientific network on zoonoses monitoring data**

BACKGROUND: TSE DATA COLLECTION

- 2015: Commission mandate to EFSA to set-up European data collection & produce annual summary report
- 2016: Working group established
 - Defining technical specifications on collection and analysis*
- 2017: Pilot TSE data collection
- 2017: Training to data providers



*<http://onlinelibrary.wiley.com/doi/10.2903/sp.efsa.2016.EN-1153/pdf>

PROPOSED TSE SUB-GROUP OF ZOONOSES NETWORK

To advise EFSA on matters relating to.....

- Update of the TSEs data model, related catalogues and reporting manuals for reporting countries
- Review annual summary report on TSEs in the EU
- Exchange of data on TSEs between Member States and EFSA

THANK YOU



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