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Health statistics (including statistics on health and safety at work)

These slides accompany the explanation of the acquis to Albania and North Macedonia and can only be used for that purpose. Their content is subject to further development of the acquis and interpretation by the Court of Justice of the European Union

Legal basis for health statistics

- *Regulation (EC) No 1338/2008 of the European Parliament and of the Council of 16 December 2008 on Community* ***statistics on public health and health and safety at work***
  - **Domain 1: Health status and health determinants (EHIS)**
  - **Domain 2: Health care** (**Health care expenditure** and Joint ESTAT-OECD-WHO data collection on health care non-expenditure data)
  - **Domain 3: Causes of death (COD)**
  - **Domain 4: Accidents at work (ESAW)**
  - **Domain 5:** Occupational diseases and other work-related health problems and illnesses (Pilot data collection on EODS)

Causes of Death Statistics (COD)

- *Commission Regulation (EU) No 328/2011 of 5 April 2011 implementing Regulation (EC) No 1338/2008 of the European Parliament and of the Council on Community statistics on public health and health and safety at work, as regards* ***statistics on causes of death****.*

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COD Statistics - Overview

- Annual data collection, reporting each death and stillbirth occurred in a country by calendar year
- Deaths of residents dying abroad should be included
- The underlying cause of death is coded and selected at four digit level, following the provisions of WHO (World Health Organization) as from the International Classification of Diseases (ICD)
- The ICD-10 revision is used (future: ICD-11)
- Causes of Death are generally certified by physicians

COD statistics – data required

- Member States shall transmit to Eurostat aggregated or micro data based on the list of agreed variables
- Metadata, based on a template agreed with the MS
- Data shall be provided to Eurostat through eDAMIS tool, metadata through metadata handler
- Deadline for data transmission is 31 December T+2 (e.g. 2016 data by 31 December 2018)

COD characteristics

	COD
Unit	Deceased persons, stillbirths, neonatal deaths
Frequency	Annual
Reference period	Annual
Topics	Underlying cause of death. For stillbirths at least one of three reporting criteria shall be applied (birth weight; gestational age; crown-heel length).
Breakdowns	By sex, age, country and region of residence, country and region of occurrence
Transmission	Micro data or aggregated data and metadata

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COD statistics – variables

Variables	Residents			Non-residents who died in the reporting country		
	Stillbirths	Neonatal deaths	Other deaths	Stillbirths	Neonatal deaths	Other deaths
1) Year of death (date of occurrence)	C	C	C	C	C	C
2) Sex	V	C	C	V	C	C
3) Underlying cause of death ICD (4 digits)	V	C	C	V	C	C
4) Age (0 days, 1, 2, 3, 4, 5, 6 days, 7-27 days, 28-365 days, 1 year, 2, 3, 4, 5-9, … 85-89, … 105+)	X	C	C	X	C	C
5) Country of occurrence	V	C	C	V	C	C
6) Region of occurrence (NUTS 2)	V	C (*)	C (*)	V	C	C
7) Region of residence (NUTS 2)/Region of residence of the mother (NUTS 2)	V	C	C	V	V	V
8) Country of residence/Country of residence of the mother	X	X	X	V	C	C
9) First group of stillbirth — birth weight from 500 g to 999 g or when birth weight does not apply — gestational age from 22 to 27 completed weeks or when neither of the two applies — crown-heel length from 25 to 34 cm	V	X	X	V	X	X
10) Second group of stillbirth — birth weight of 1 000 g and more or when birth weight does not apply — gestational age after 27 completed weeks or when neither of the two applies — crown-heel length of 35 cm or more	V	X	X	V	X	X
11) Age of mother by age group (less than 15 years of age, 5 years age groups thereafter up to 49 years of age and 50 years of age or more)	V	V	X	V	V	X
12) Parity	V	V	X	V	V	X

N.B.: C - Compulsory; V - Voluntary; X - Not applicable.
(*) Voluntary for residents dying abroad.

European Statistics on Accidents at Work (ESAW)

- *Commission Regulation (EU) No 349/2011* of 11 April 2011 implementing Regulation (EC) No 1338/2008 of the European Parliament and of the Council on Community statistics on public health and health and safety at work, **as regards statistics on accidents at work**

ESAW - overview

- Annual data collection, reporting each accident at work in a country by calendar year
- Definition of an accident at work: Discrete occurrence in the course of work which leads to physical or mental harm whilst engaged in an occupational activity or during the time spent at work.
- Serious (more than 3 days absence) and Fatal accidents at work (which lead to the death of the victim within 1 year of the accident)
- Preferably based on registers and other administrative sources

ESAW – data required

- Member States shall transmit to Eurostat micro data based on the list of agreed variables
- Metadata (including reference population), based on templates agreed with the MS
- Data and reference population shall be provided to Eurostat through eDAMIS, metadata through metadata handler
- Deadline for data transmission is 30 June T+18 (e.g. 2016 data by 30 June 2018)

ESAW characteristics

	ESAW
Unit	Accidents at work (data for accidents of the employees are mandatory, for the self-employed, family workers and students are voluntary)
Frequency	Annual
Reference period	The calendar year in which accidents at work are notified to competent national authorities
Topics	Characteristics of the injured person, of the accident / injury, of the enterprise, of the causes and circumstances
Breakdowns	by sex, age, economic activity of employer, occupation of victim, geographic location, employment status, severity of accident
Transmission	microdata and metadata

ESAW - variables

Code	Variable
CASE	Case number
NACE	Economic Activity of employer
ISCO	Occupation of the Victim
AGE	Age of the Victim
SEX	Sex of the Victim
INJ	Type of Injury
BODY	Part of Body Injured
GEO	Geographical Location of the Accident
DATE	Date of the Accident
TIME	Time of the Accident (OPTIONAL)
SIZE	Size of the Enterprise (OPTIONAL)
NATI	Nationality of the Victim (OPTIONAL)
EMPST	Employment Status of the Victim
SEV	Days Lost
WGT	Weight(s) ESAW collection

Variables requested as of transmission year 2013

Code	Variable
WST	Workstation
WPR	Working process
SPA	Specific physical activity
DEV	Deviation
CMI	Contact – mode of injury
WEN	Working environment
MA_SPA	Material agent – Specific physical activity
MA_DEV	Material agent – Deviation
MA_CMI	Material agent – Contact – mode of injury

At least 3 out of 9 variables" became mandatory with the transmission year 2015

Health Care expenditure and financing

- *Commission Regulation (EU) No 2015/359 of 4 March 2015 implementing Regulation (EC) No 1338/2008 of the European Parliament and of the Council on Community statistics on public health and health and safety at work, as regards* ***statistics on healthcare expenditure and financing***
- *Commission implementing decision (EU) 2015/365 of 4 March 2015 granting derogations to certain Member States…*

Healthcare expenditure and financing statistics – Overview (1/2)

- Systematic annual data and metadata collection
- Joint data collection with OECD, WHO and Eurostat (IHAT team)
- Data collections:
  - **2016 JHAQ – reference year 2014 (first under regulation)**
  - **2019 JHAQ (ongoing) – reference year 2017**
  - **Historical data**
- « sunset clause »: last collection April 2022 (data 2020). But not the end...

Healthcare expenditure and financing statistics – Overview (2/2)

- Excel templates (data and metadata)
- Data file
  - **3 core tables (under Regulation)**
  - **3 additional tables (voluntary)**

    Financing (HF) by Revenues (FS)
    Providers (HP) by Factors of Provision (FP)
    Capital (HK) by Providers (HP)
- Methodological questionnaire
  - **Agreed structure to obtain information on data sources, data comparability, core classifications, additional classifications, revisions and financing schemes**

Healthcare expenditure and financing statistics – data required

Member States shall transmit to Eurostat:

- **Data at an aggregated level based on a list of breakdowns (annex II of the regulation)**
- **Metadata based on a template agreed with the MS**

- Data and metadata shall be provided to Eurostat through eDAMIS tool
- Transmission deadline: 30 April N+2 for reference year N (e.g. 2017 data by 30 April 2019)

Healthcare expenditure and financing statistics - characteristics

Unit	Million of national currency
Frequency	Annual
Reference period	Calendar year
Topics	Healthcare goods and services consumed by resident units. Final consumption. Imports for final use are included, exports are excluded
Breakdowns	By healthcare functions (HC) By financing schemes (HF) By healthcare providers (HP) 2-dimensional tables (HCxHF, HFxHP, HCxHP)
Transmission	Aggregated data. Metadata
Methodology	A System of health accounts 2011

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Healthcare expenditure and financing statistics – breakdowns (under CR)

Healthcare functions

HC.1.1+HC.2.1	Inpatient curative and rehabilitative care
HC.1.2+HC.2.2	Day curative and rehabilitative care
HC.1.3+HC.2.3	Outpatient curative and rehabilitative care
HC.1.4+HC.2.4	Home-based curative and rehabilitative care
HC.3.1	Inpatient long-term care (health)
HC.3.2	Day long-term care (health)
HC.3.3	Outpatient long-term care (health)
HC.3.4	Home-based long-term care (health)
HC.4	Ancillary services (non-specified by function)
HC.5.1	Pharmaceuticals and other medical non-durable goods
HC.5.2	Therapeutic appliances and other medical durable goods
HC.6	Preventive care*
HC.7	Governance and health system and financing administration
HC.0	Other health care services unknown = other healthcare services not elsewhere classified (nec)

Healthcare expenditure and financing statistics – breakdowns (under CR)

Healthcare financing schemes

HF.1.1	Government schemes
HF.1.2/1.3	Compulsory contributory health insurance schemes/CMSA
HF.2.1	Voluntary health insurance schemes
HF.2.2	NPISH financing schemes
HF.2.3	Enterprise financing schemes
HF.3	Household out-of-pocket payment
HF.4	Rest of the world financing schemes (non-resident)

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Healthcare expenditure and financing statistics – breakdowns (under CR)

Healthcare providers

HP.1	Hospitals
HP.2	Residential long-term care facilities
HP.3	Providers of ambulatory health care
HP.4	Providers of ancillary services
HP.5	Retailers and other providers of medical goods
HP.6	Providers of preventive care
HP.7	Providers of health care system administration and financing
HP.8	Rest of the economy
HP.9	Rest of the world