



Data on morbidity

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Eurostat's activities on morbidity statistics:

- The EU already has consistent statistics on demography, causes of death, healthcare expenditure, health and safety at work, and EU-wide health interview survey, based on agreed definitions and methods
- Part of long-term efforts to improve availability of health information for policymaking and healthcare systems improvement
- Long time since previous studies and guidelines on morbidity statistics



Project on inventories of morbidity statistics (EPIMS)

- Preparing national "inventories" describing availability of selected morbidity statistics
- Exploring potential of existing data sources to produce comparable morbidity statistics
- Comparing data sources, methods, definitions, assessing quality issues
- List of 100 indicators for 67 health conditions
- Indicator definitions based on ICD-10 codes



Previous development

- 2005 – Early pilot studies
- 2011 – Further pilot studies
- 2011-13 Morbidity Task Force

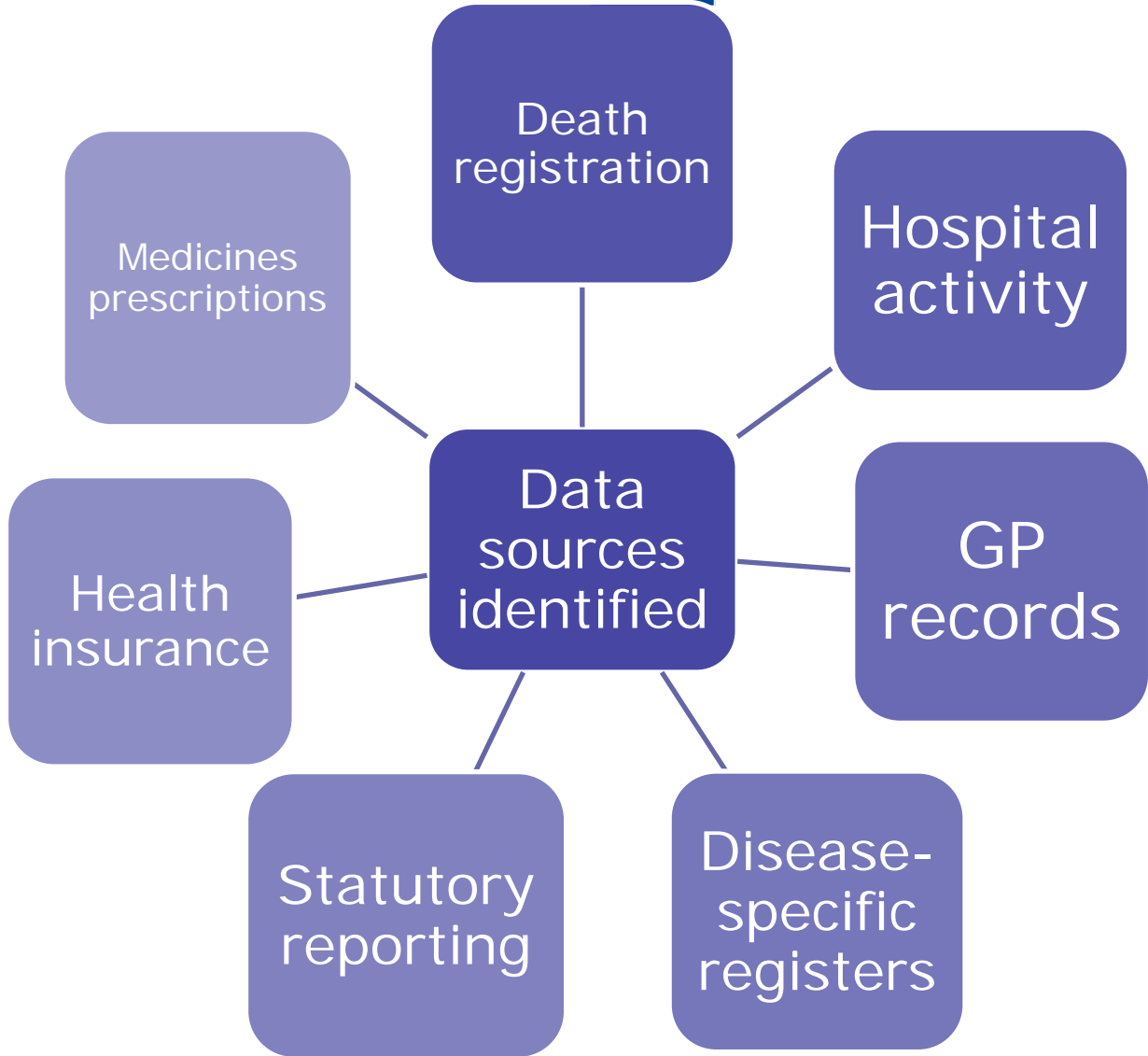
Inventories of morbidity statistics

- 2015 – First round of inventories
- 2016 – Second round of inventories
- 2017 – Report and recommendations

Future plans

- 2017/18 – Agreement on way forward

Data sources identified





- Problems of separation of incidence and prevalence cases
- Period prevalence definition: life-time prevalence, partial prevalence, one year prevalence
- Length of episode for calculations of incidence by episode: different for different diseases
- Problems of separation of preliminary and final diagnosis (for insurance data especially)



Data from surveys



- **Data come from surveys: might be affected by personal perceptions**
- **Advantages of EHIS/SILC:**
 - data are collected according to a common methodology so high level of comparability is assured
 - provide data not available or hardly collectible from other sources (e.g. depression)
- **SILC (2004+): People having a long-standing illness or health problem**
 - annual variable (PH020) in SILC; currently latest data disseminated are for 2014; 2015 data will be available by the end of 2016
 - also included in EHIS but because of annual availability it is disseminated from SILC



- **EHIS: Persons reporting a chronic disease, by disease, sex, age and educational attainment level (hlth_ehis_cd1e)**
 - Currently data available for 27 EU MS, NO and TR.
 - Current breakdown is education but in future possible other breakdowns such as income, labour status and degree of urbanisation (2017)
 - Possible merge of data from EHIS 1 and EHIS 2 for 17 EU countries + TR for which data are available from both waves (2017)
- **EHIS: Depression dataset: Current depressive symptoms**
 - To be disseminated in November, based on EHIS sub-module Mental health (MH); questions coming from 8-item depression screener - The Patient Health Questionnaire (PHQ-8).



- **EHIS: 2 datasets on accident resulting in injuries:**
 - Persons reporting having had an accident and Medical intervention for an accident resulting in injury
 - To be disseminated in November, based on EHIS HM sub-module Accidents and injuries (AC); questions are about Road traffic accident, Home accident, Leisure accident

Morbidity-related survey statistics



Data are available:

<http://ec.europa.eu/eurostat/web/health/health-status-determinants/data/database>

The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with 'eurostat' and 'Your key to European statistics'. Below this, there are tabs for 'News', 'Data', 'Publications', and 'About Eurostat'. The 'Data' tab is selected, and the 'HEALTH' category is chosen. The 'DATABASE' section is expanded, showing a list of sub-categories: 'Health status (hlth_state)', 'Health determinants (hlth_det)', and 'Health status - historical data (2008) (hlth_state_h)'. Under 'Health status (hlth_state)', there are sub-items: 'Healthy Life Years (hlth_hly)', 'Self-perceived health and well-being (hlth_sph)', 'Functional and activity limitations (hlth_fal)', 'Self-reported chronic morbidity (hlth_srcm)', and 'Health status - historical data (2008) (hlth_state_h)'. Under 'Health determinants (hlth_det)', there are sub-items: 'Body mass index (BMI) (hlth_bmi)', 'Consumption of fruits and vegetables (hlth_cfv)', 'Tobacco consumption (hlth_smok)', 'Alcohol consumption (hlth_alc)', and 'Health determinants - historical data (2008) (hlth_det_h)'. The footer contains links for 'News', 'Data', 'Publications', 'About us', and 'Opportunities'.

DATABASE

- Health status (hlth_state)
 - Healthy Life Years (hlth_hly)
 - Self-perceived health and well-being (hlth_sph)
 - Functional and activity limitations (hlth_fal)
 - Self-reported chronic morbidity (hlth_srcm)
 - Health status - historical data (2008) (hlth_state_h)
- Health determinants (hlth_det)
 - Body mass index (BMI) (hlth_bmi)
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Thank you for your attention!