

# Quality of data on health and safety at work in the EU27

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***Statistical Analysis and Publication***

***of the 2007 Labour Force Survey***

***Ad hoc Module Health and Safety at Work***

## Background

- › Community strategy 2007-2012 on Health and Safety at Work

*To improve the quality of work by reducing the number of work accidents and illnesses*

## 2007 Labour Force Survey ad hoc module

### Aims of this module

- ▶ Harmonised statistical data on those work-related health problems (including exposures) which are not covered by ESAW and EODS
- ▶ Analyses of health and safety at work data according to Labour Market related variables available in the LFS but not included in ESAW and EODS
- ▶ Assess reporting levels of ESAW

## 2007 Labour Force Survey ad hoc module

11 variables

- › Occupational accidents
- › Work-related diseases
- › Harmful exposures

## Activities

1. Quality assessment
2. Descriptive analysis
3. Multivariate analysis
4. Reporting

## Deliverables of the project

- › **Statistical report Health and Safety at Work**
- › **Statistics in Focus** publication on the key findings
- › **Multidimensional tables** and **predefined tables** for Eurostat's website
- › **Health and Safety at Work (1999-2007)**
  - LFS 2007 ad hoc module results
  - other key statistical EU level data on Health and Safety at Work

## Quality assessment

- › Non response
- › Interview methods
- › Questionnaire wording



## Non-response

Module non-response EU-27:

Accidents	1.5%
Work-related health problems	3.4%
Exposure in relation to mental health	2.4%
Exposure in relation to physical health	2.5%

## Interview methods

- › Number of questions used varied between 11 and 83
  - > Exclusion of FR from analyses on work related health problems
  
- › Percentage of proxies varied between 0% and 59%
  - > Proxies reported less accidents, work related health problems and hazardous exposure affecting mental health

## Wording evaluation

- › Inventory
  - quality reports of MS
  - English translation of MS questionnaire(s) by MS
  - comparison of English Eurostat version with MS questionnaire in all languages by native speaker

## Accidents at work

### 'able to start work again'

- days of absence
- time unavailable to work
- time off
- days needed to recover
- start work again
- return to work

### 'accidental injury'

- accident
- accident resulting in injury
- accident or injury
- accident resulting in treatment
- injury

## Work-related health problems

Illness(es), disabilities or other physical or psychic health problem(s)

- › In 8 languages mental health problems were not mentioned
- › Cultural difference to address this issue?

## Recognition versus recollection

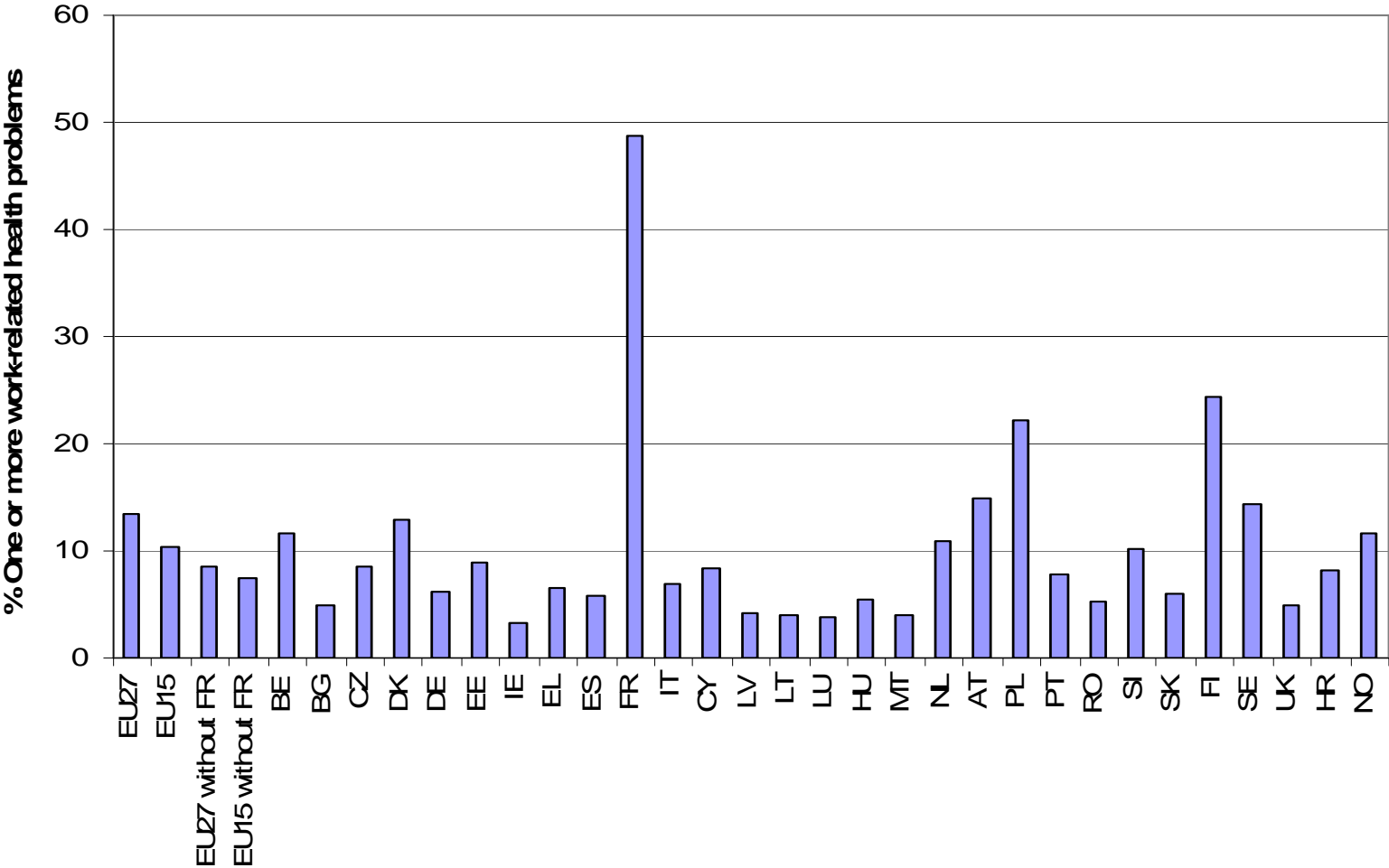
- › The proposed question was:

Have you suffered from any illness, disability or other physical or mental problem? How would you describe this illness?

- › In France, 20 different health problems were described one by one, including examples.

For each health problem, respondents were asked to indicate whether or not they had the illness.

# Work-related health problems by Member State



## Hazardous exposure

‘particular exposure’ = more frequent or more intensive than in general daily life

- › Several countries did not ask for particular exposure but for the factor most exposed to
- › Several countries described the types of exposure differently:

Harassment or bullying

- sexual harassment
- verbal aggression and harassment
- harassment and discrimination
- psychological pressure



## Differences between countries in occurrence of:

	mean	minimum	maximum
<b>Accidents</b>	3.2%	0.6%	6.3%
<b>Health problems</b>	13.5%	3.2%	48.8%
<b>Exposure to mental hazards</b>	27.9%	0.9%	63.3%
<b>Exposure to physical hazards</b>	40.7%	7.3%	54.0%

## Recommendations to Eurostat

- › No comparisons between countries
- › More strict guidance to Member States
- › Review effect of proxy use

**Thank you!**

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