

Health & Safety at work: the old and the new factors of risk. The European statistics on accidents and occupational diseases.

Sofia, May 11th 2007



Dr. Daniele Di Nunzio

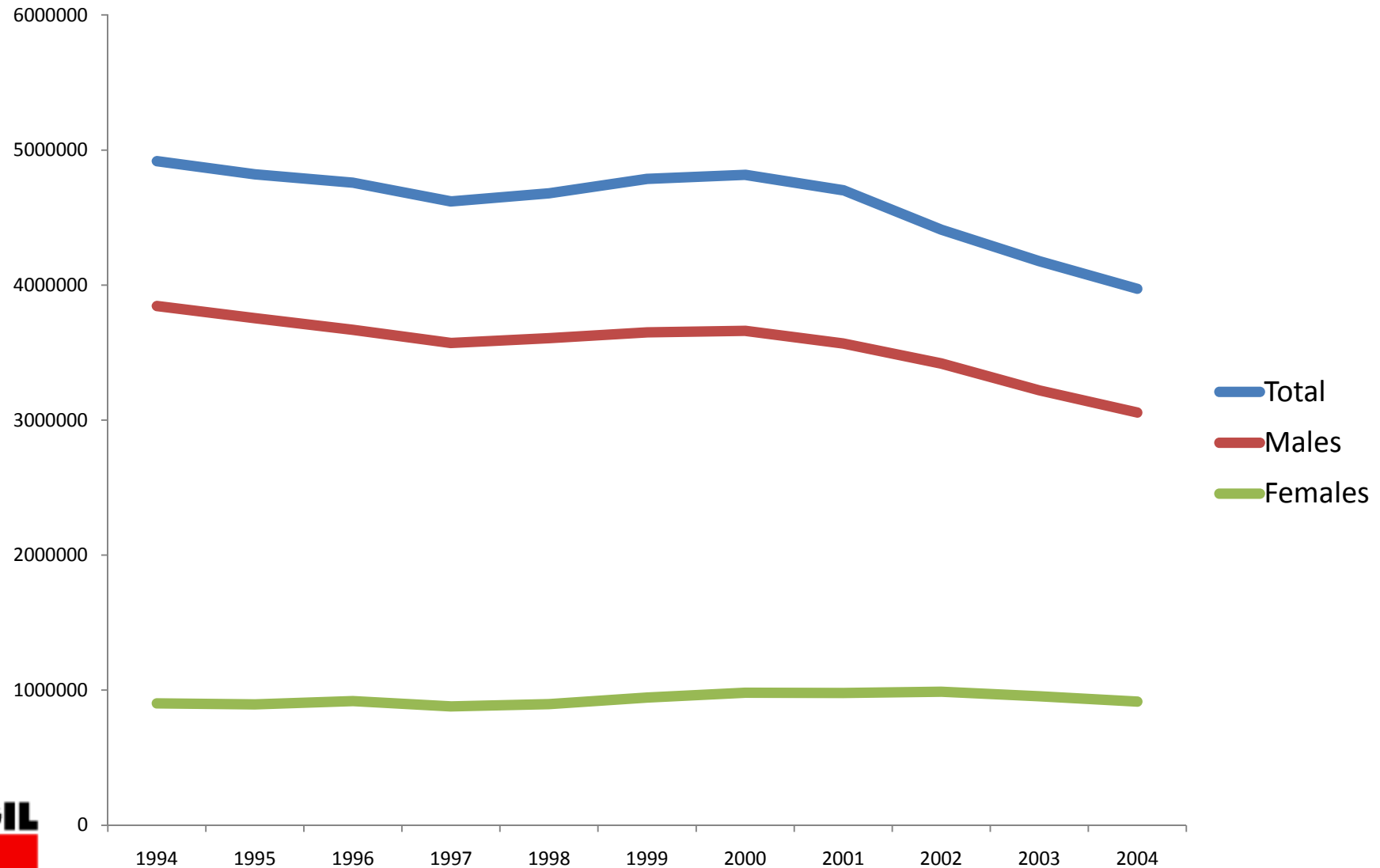
IRES Research Officer



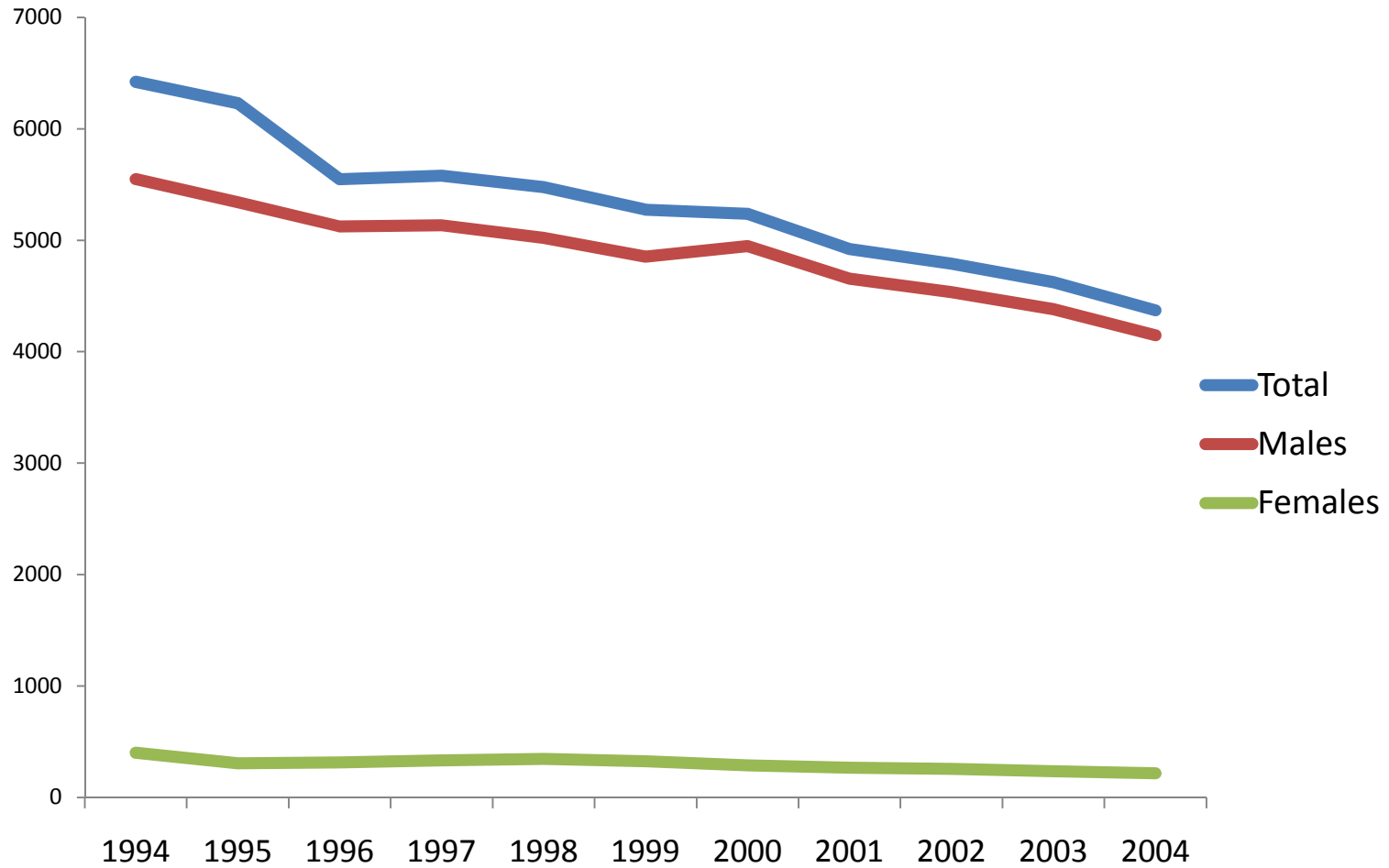
Sources

- **Eurostat Data explorer** : <http://epp.eurostat.ec.europa.eu>
 - Labour market
 - Health and safety at work
- **European Foundation for the Improvement of Living and Working Conditions**, *Fourth European Working Conditions Survey, 2007*
- **INAIL, Data explorer** : www.inail.it
- **IRES**, *Risk Perception in the modern work-organization, 2006*

UE 15 Countries: Number of accidents at work by sex, More than 3 days lost (4 days absence or more)



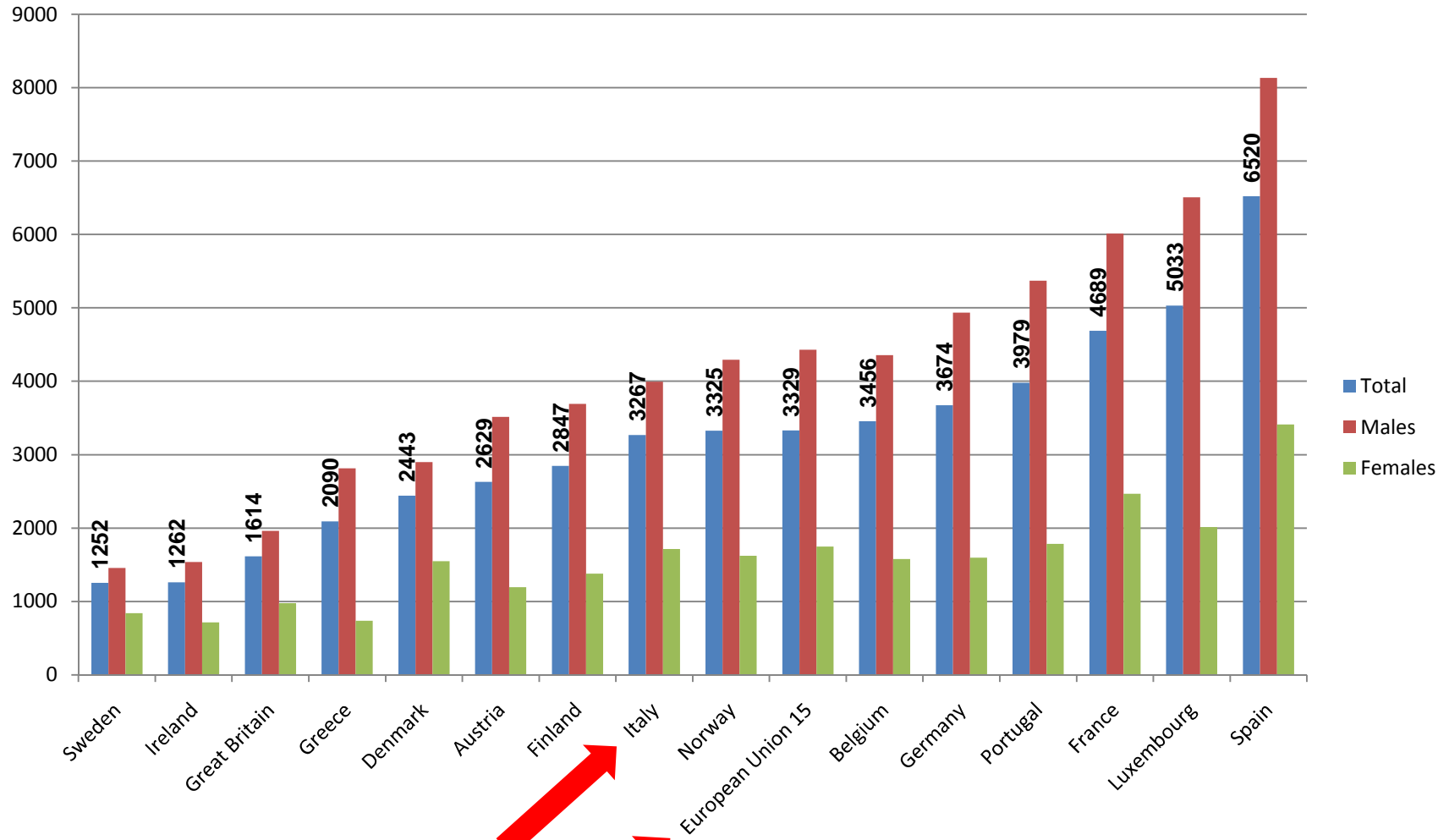
UE 15 Countries: Number of accidents at work by sex, Fatal accident



**UE, 2004: Standardized incidence rate of accidents at work
(total and by sex)**

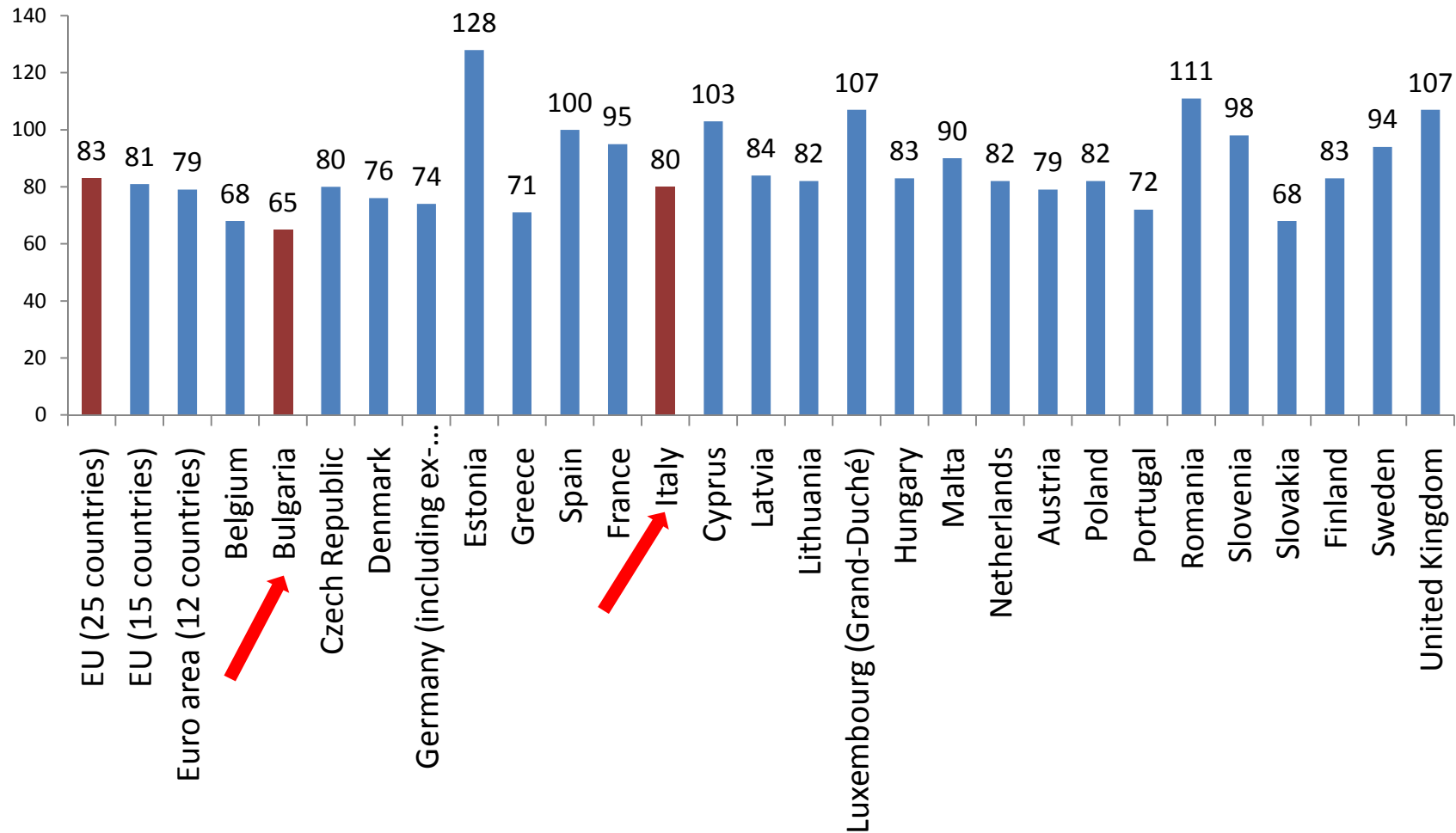
(rate per 1000 workers)

More than 3 days lost (4 days absence or more)



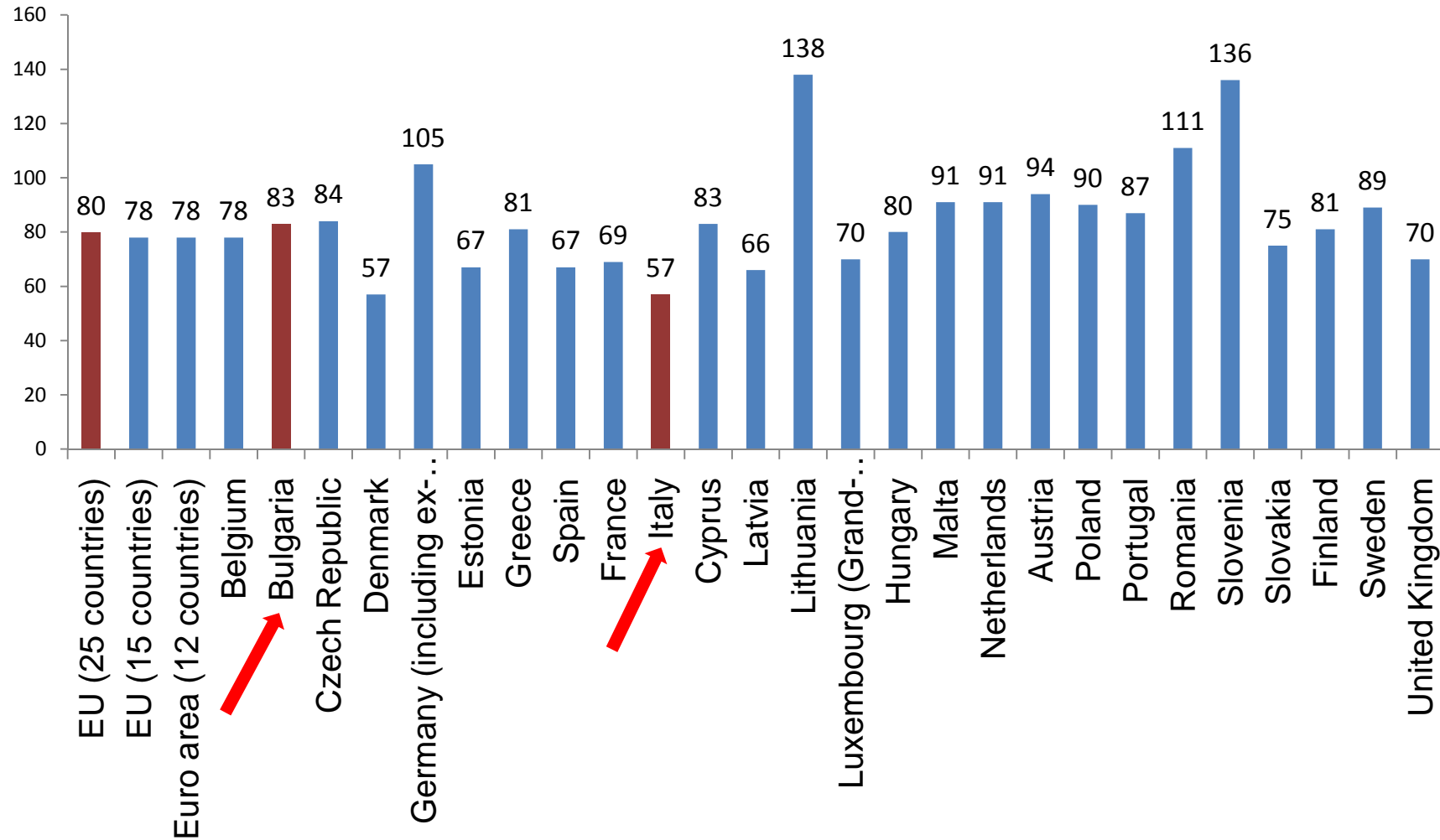
UE: 2004, Serious accident

Index of the number of serious accidents at work per 100 thousand persons in employment (1998=100)

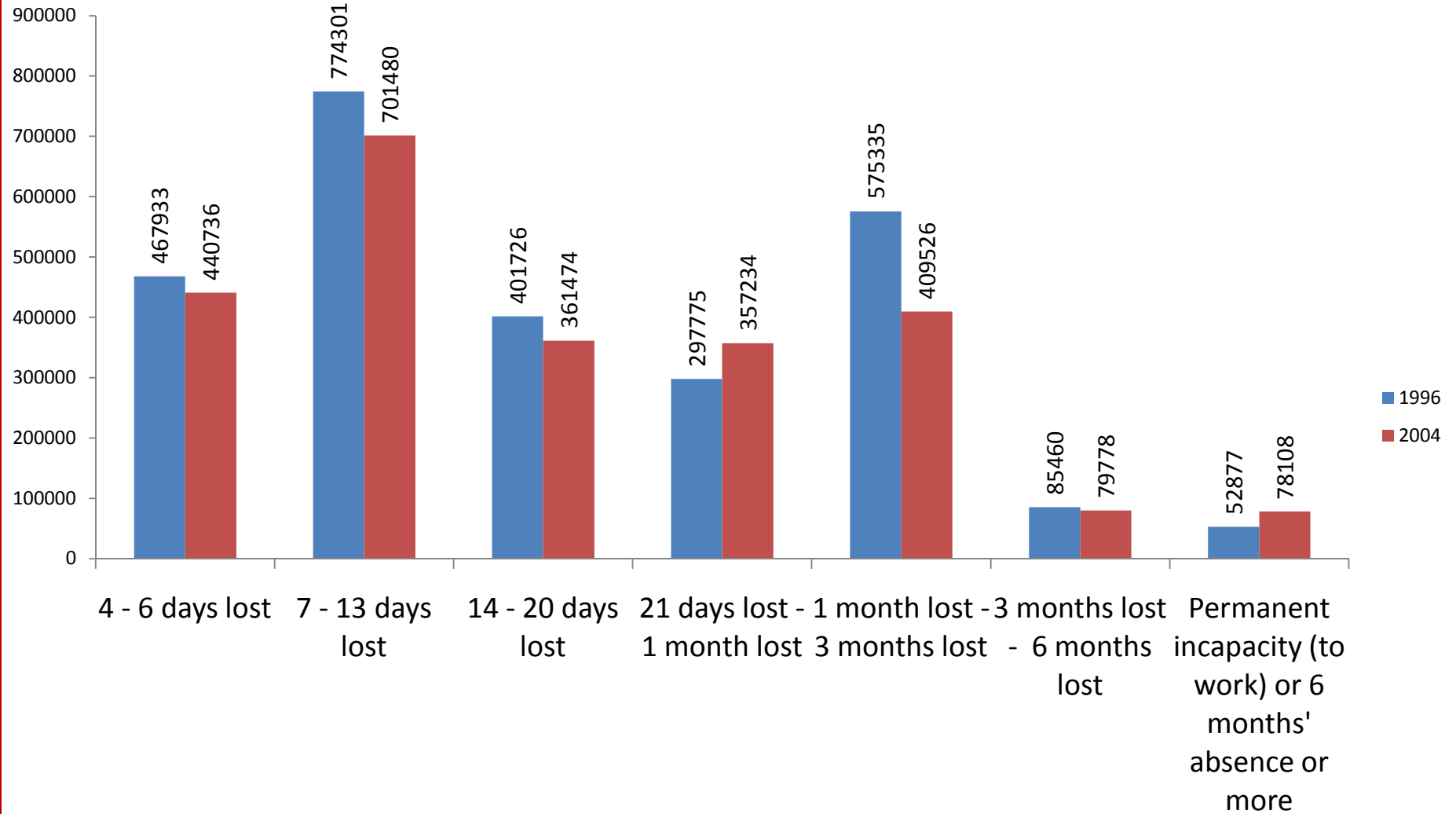


UE: 2003, Fatal accident

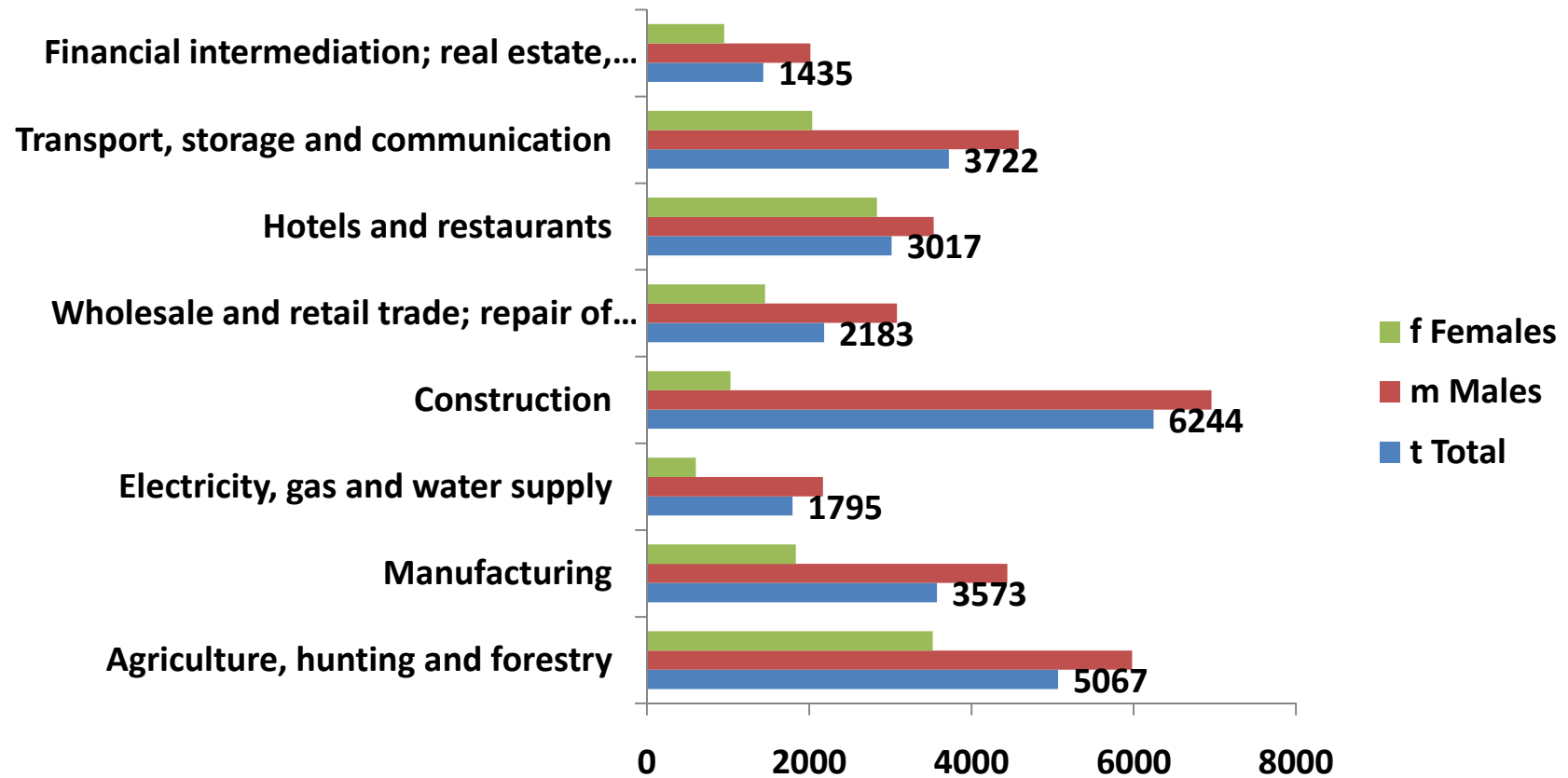
Index of the number of fatal accidents at work per 100 thousand persons in employment (1998=100)



UE 15: Number of accidents at work by economic activity and severity

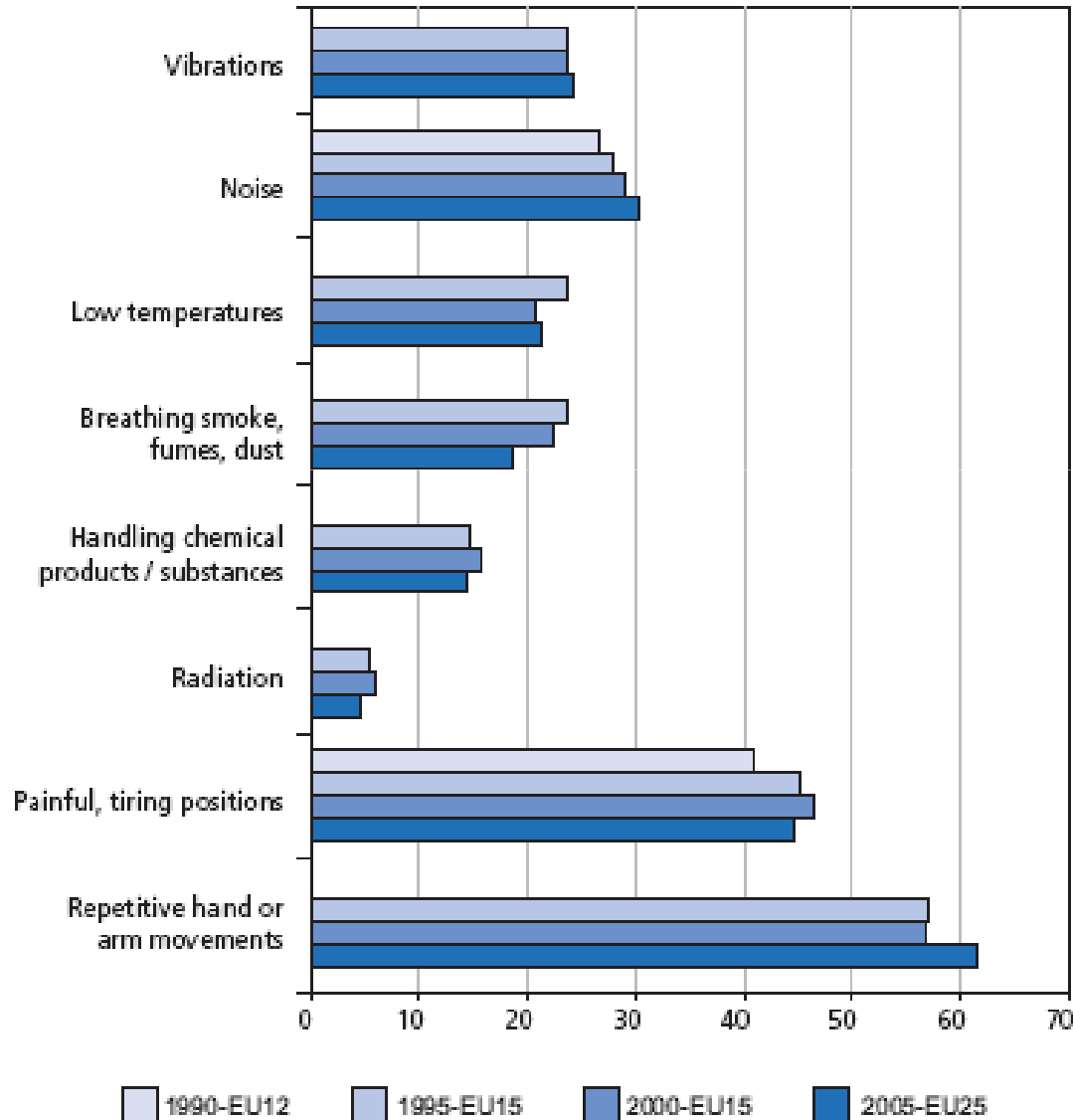


**UE 15, 2005: Standardized incidence rate of accidents at work
by economic activity, severity and sex (rate per 100 000 workers)
More than 3 days lost (4 days absence or more)**

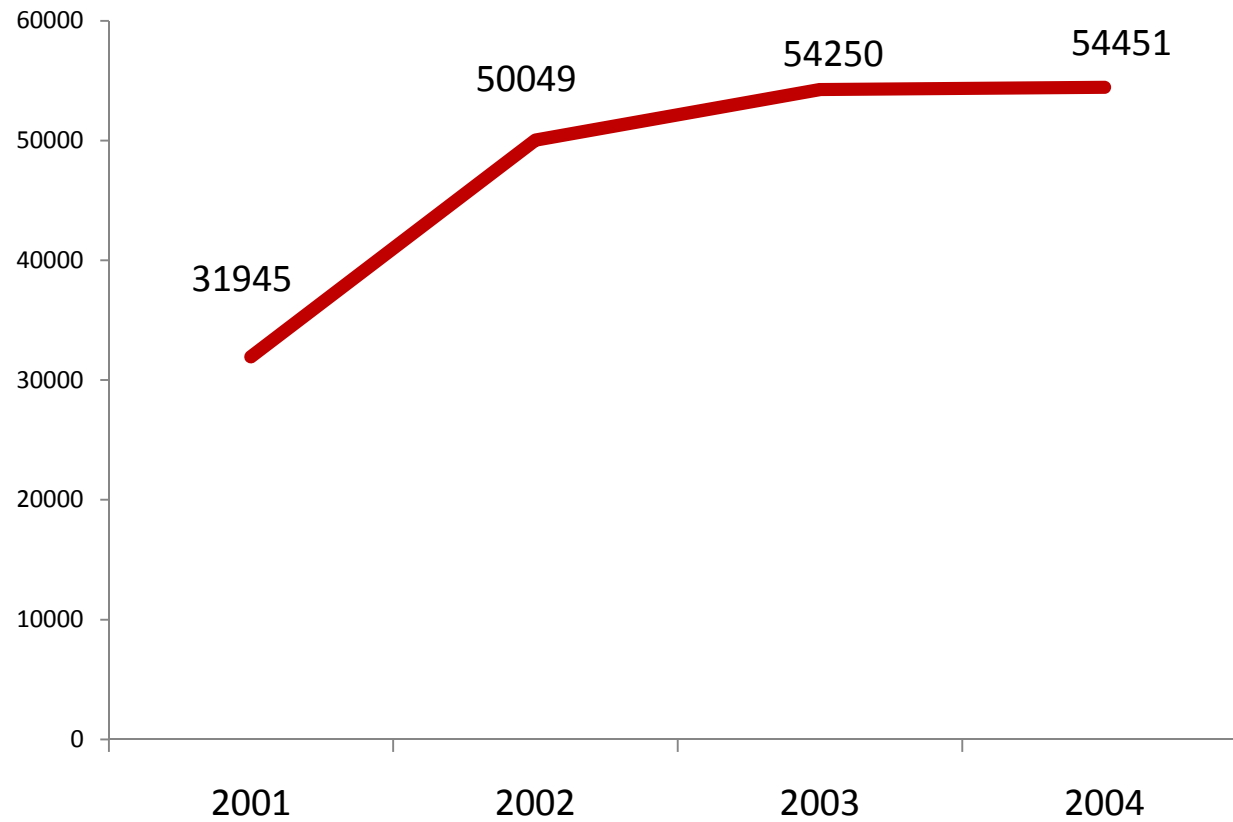


Physical risk factor

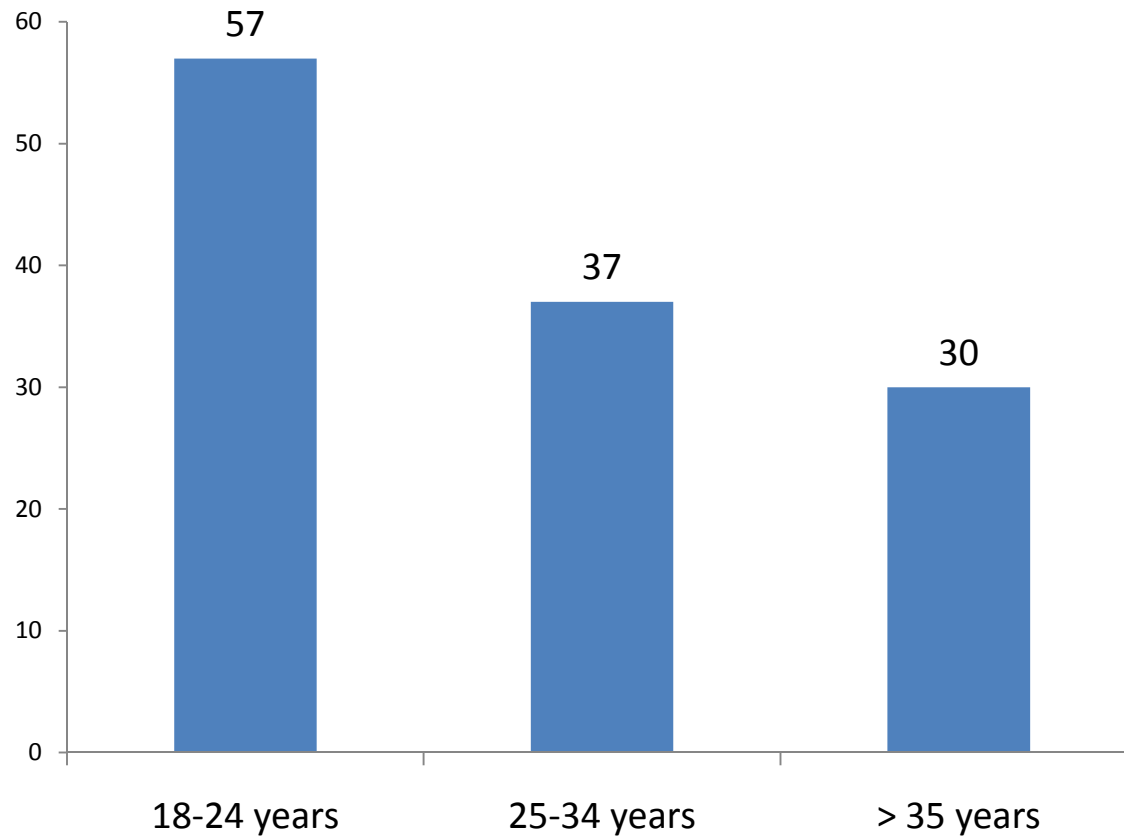
**Exposure to physical risks, 1990-2005 (%)
(a quarter or more of the time)**



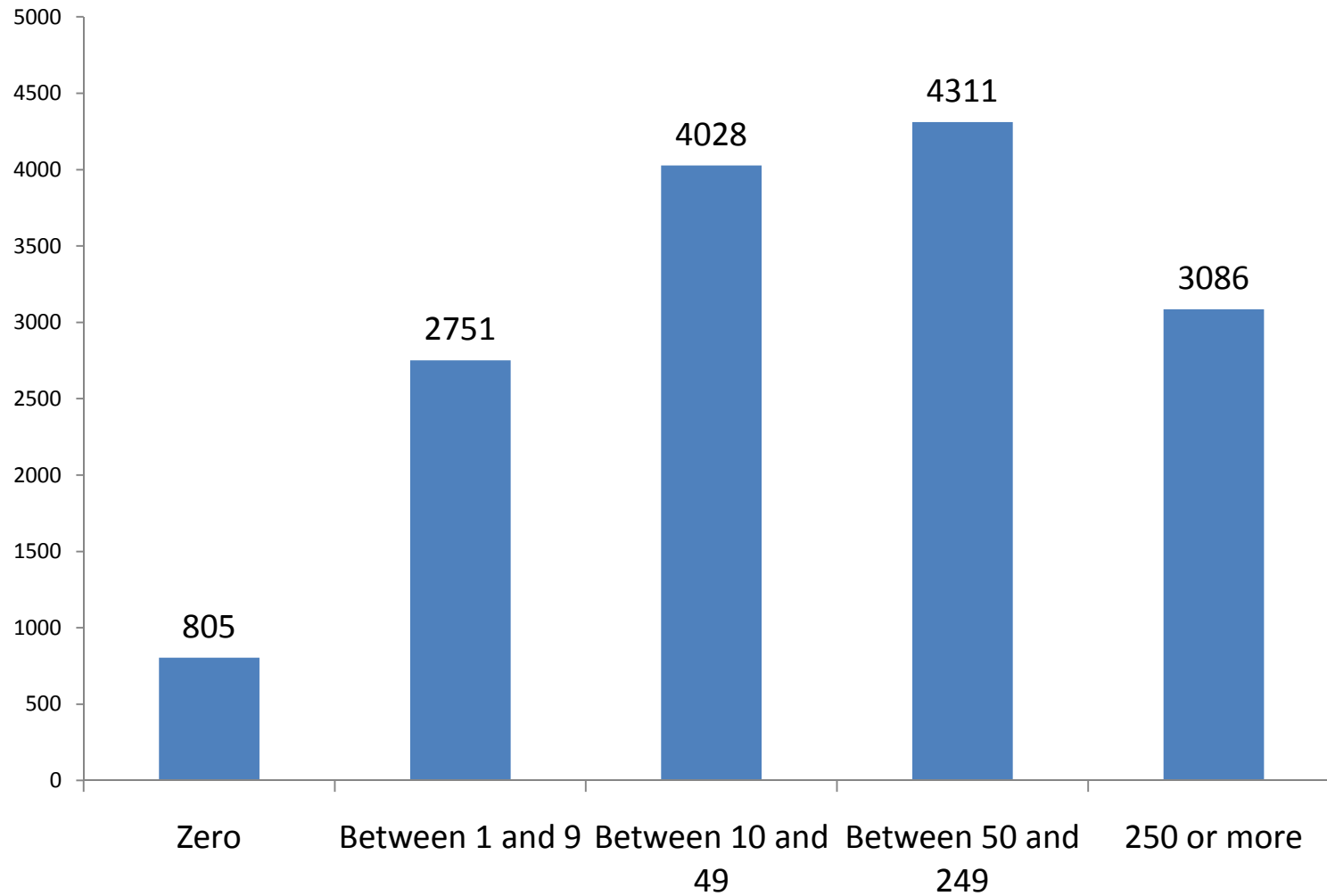
UE: Number of occupational diseases.



UE 15, 2005: Standardized incidence rate of accidents at work by age (rate per 1000 workers) More than 3 days lost (4 days absence or more)

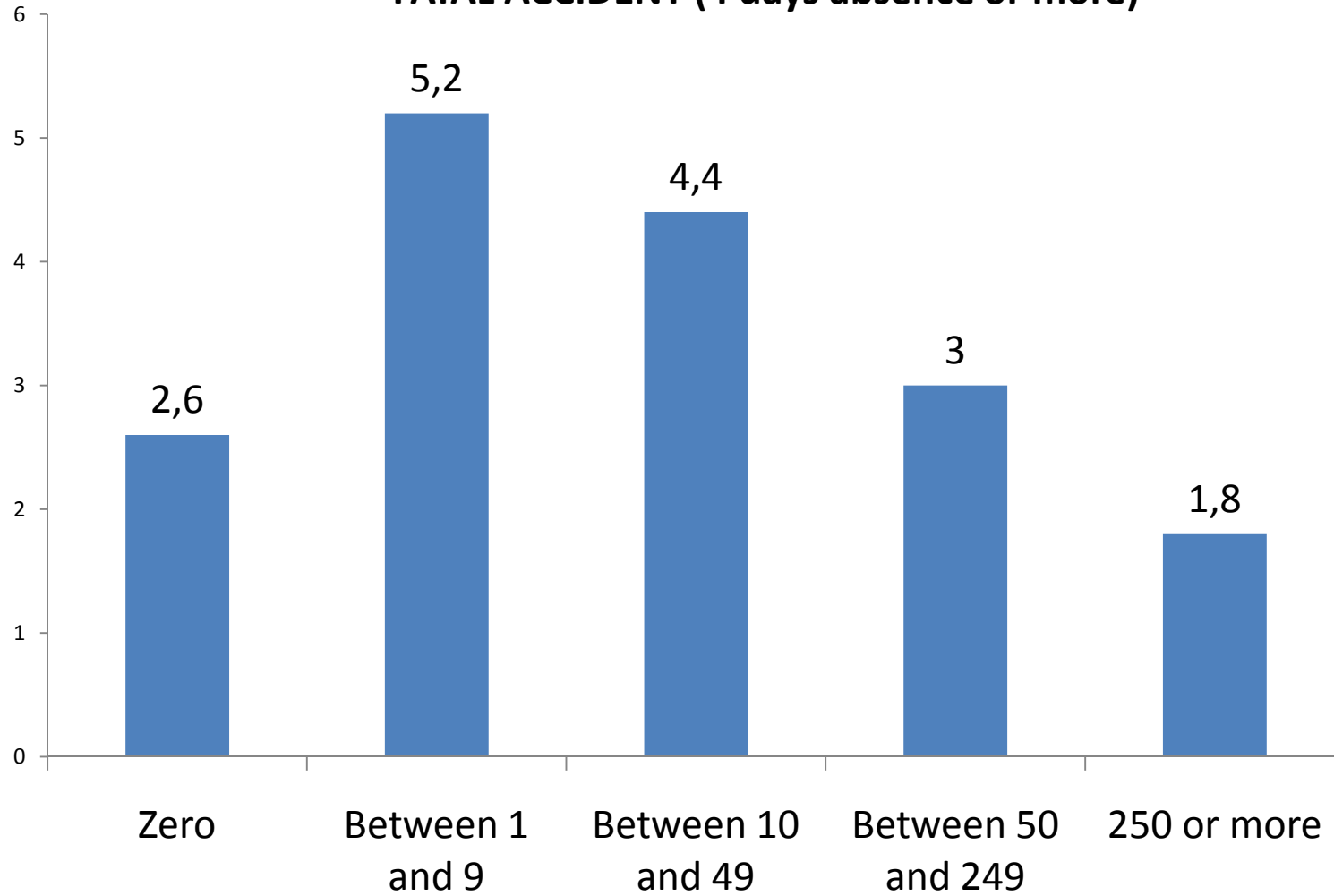


UE 15, 2005: Standardized incidence rate of accidents at work by size of enterprise (rate per 100 000 workers) MORE THAN 3 DAYS LOST (4 days absence or more)

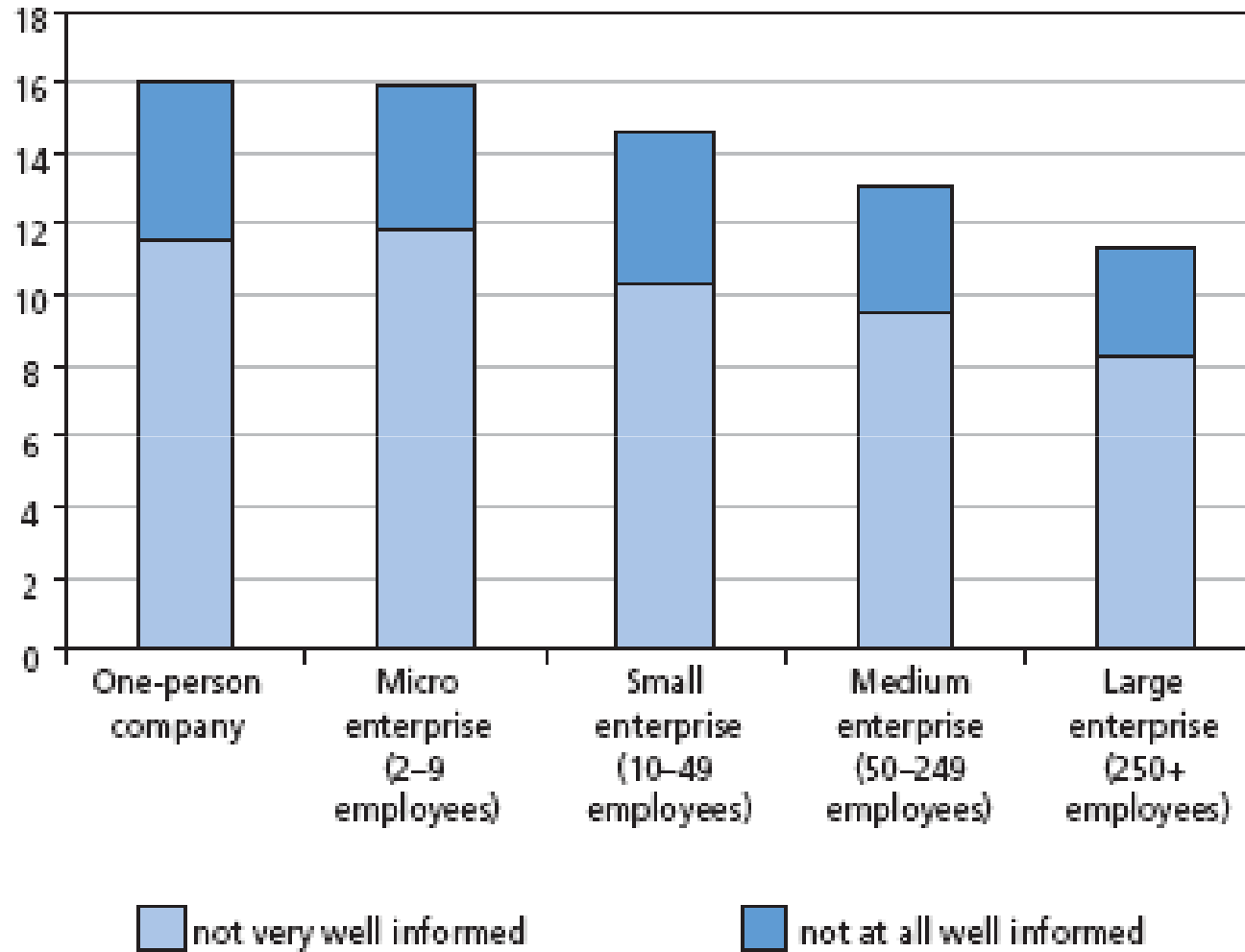


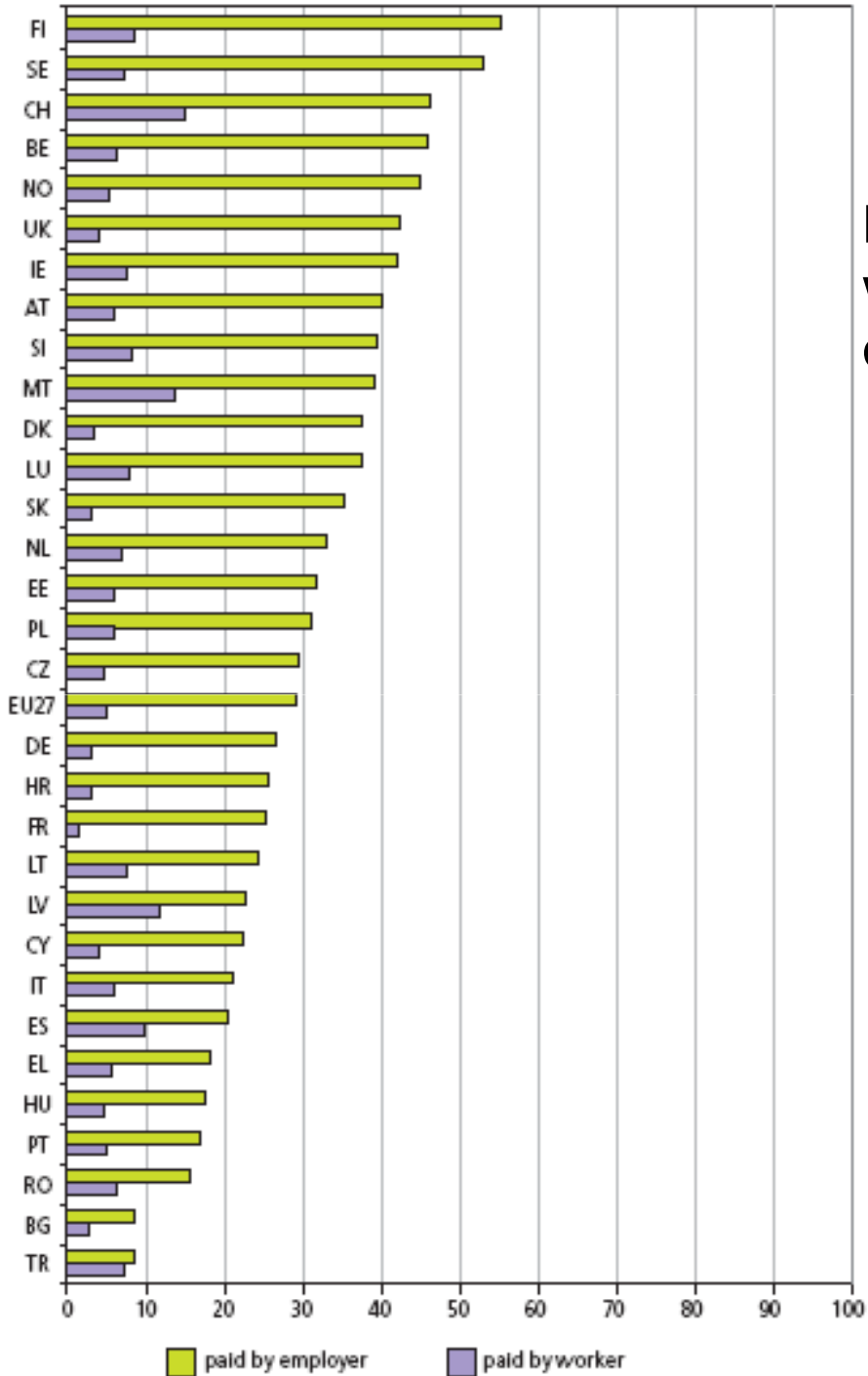
UE 15, 2005: Standardized incidence rate of accidents at work by size of enterprise (rate per 100 000 workers)

FATAL ACCIDENT (4 days absence or more)



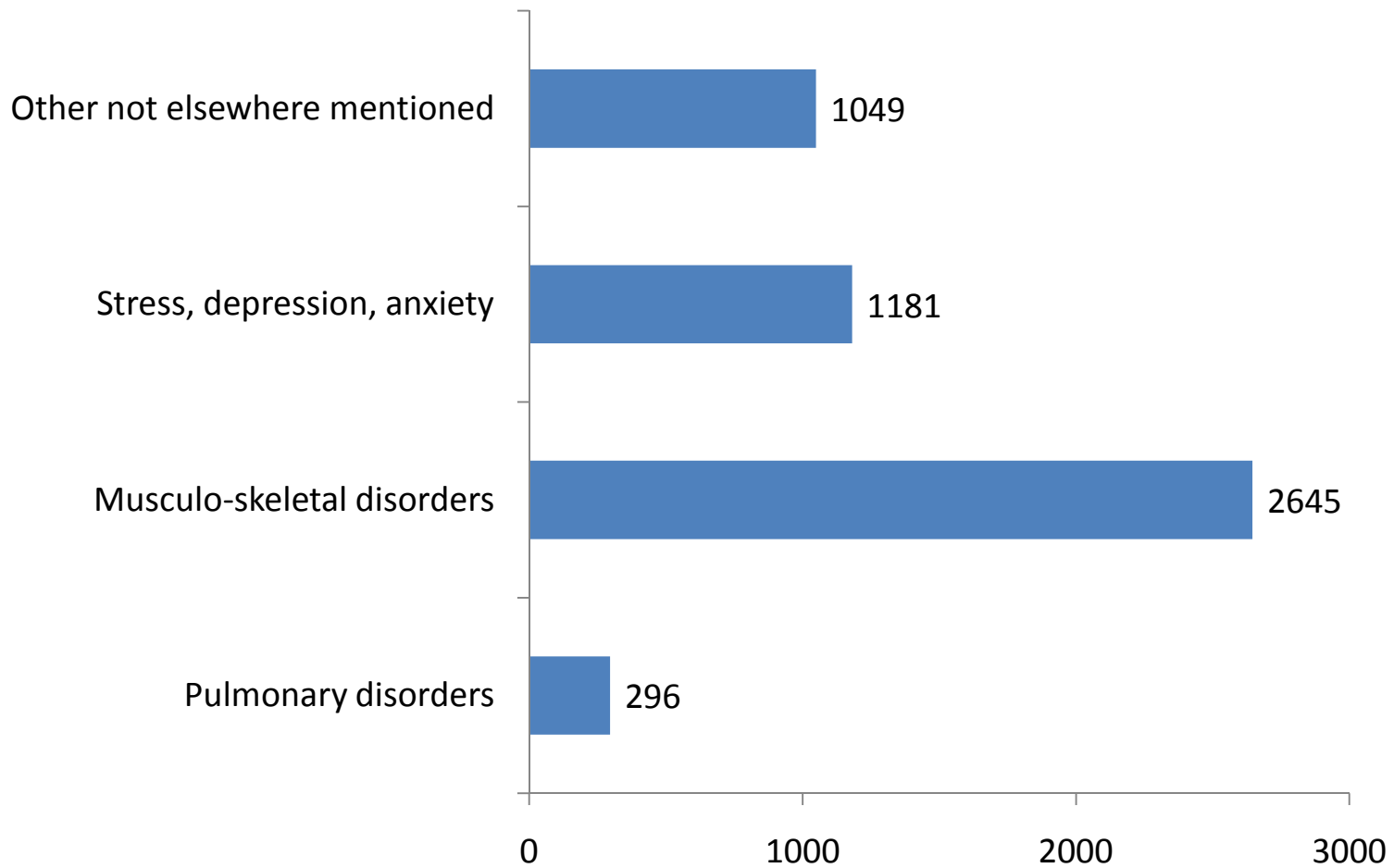
Lack of information on workplace risks, by company size (%)





Percentage of employees who received training, by country.

UE 15, 2005: Standardised prevalence rate of work-related health problems by diagnosis group (rate per 100 000 workers)

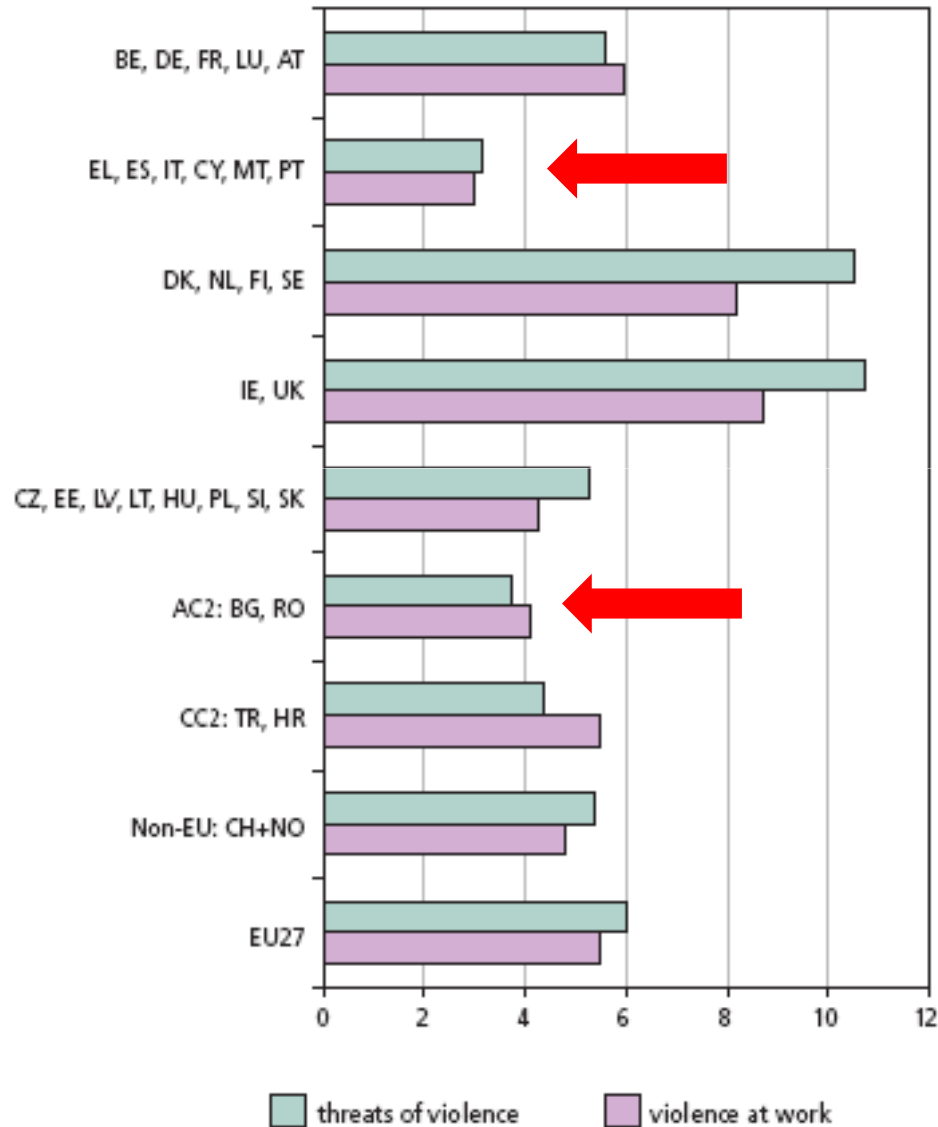


UE 15, 2005: Standardised prevalence rate of work-related health problems by economic activity of the employer (rate per 100 000 workers)

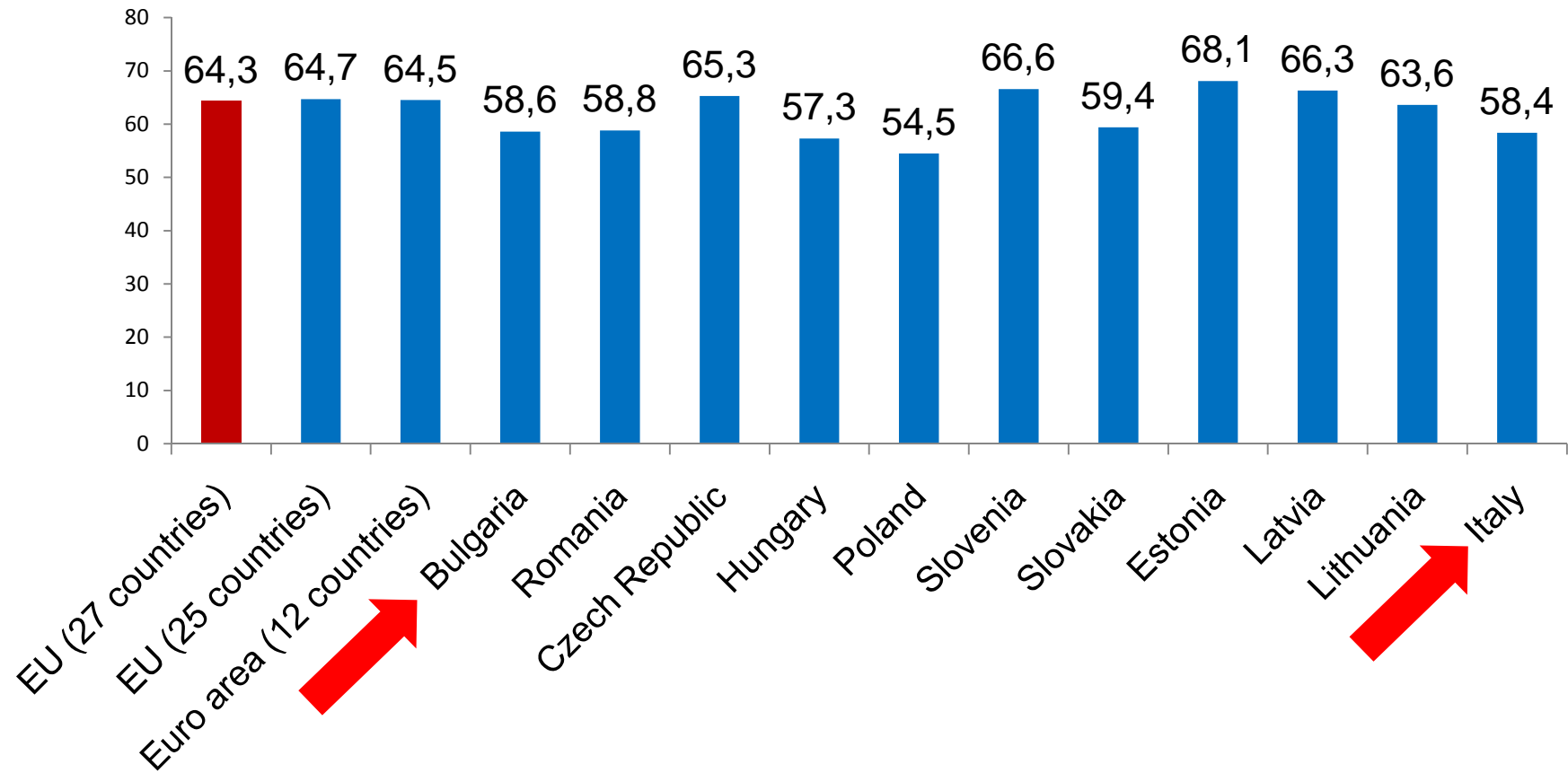


Violence, harassment and discrimination in the workplace

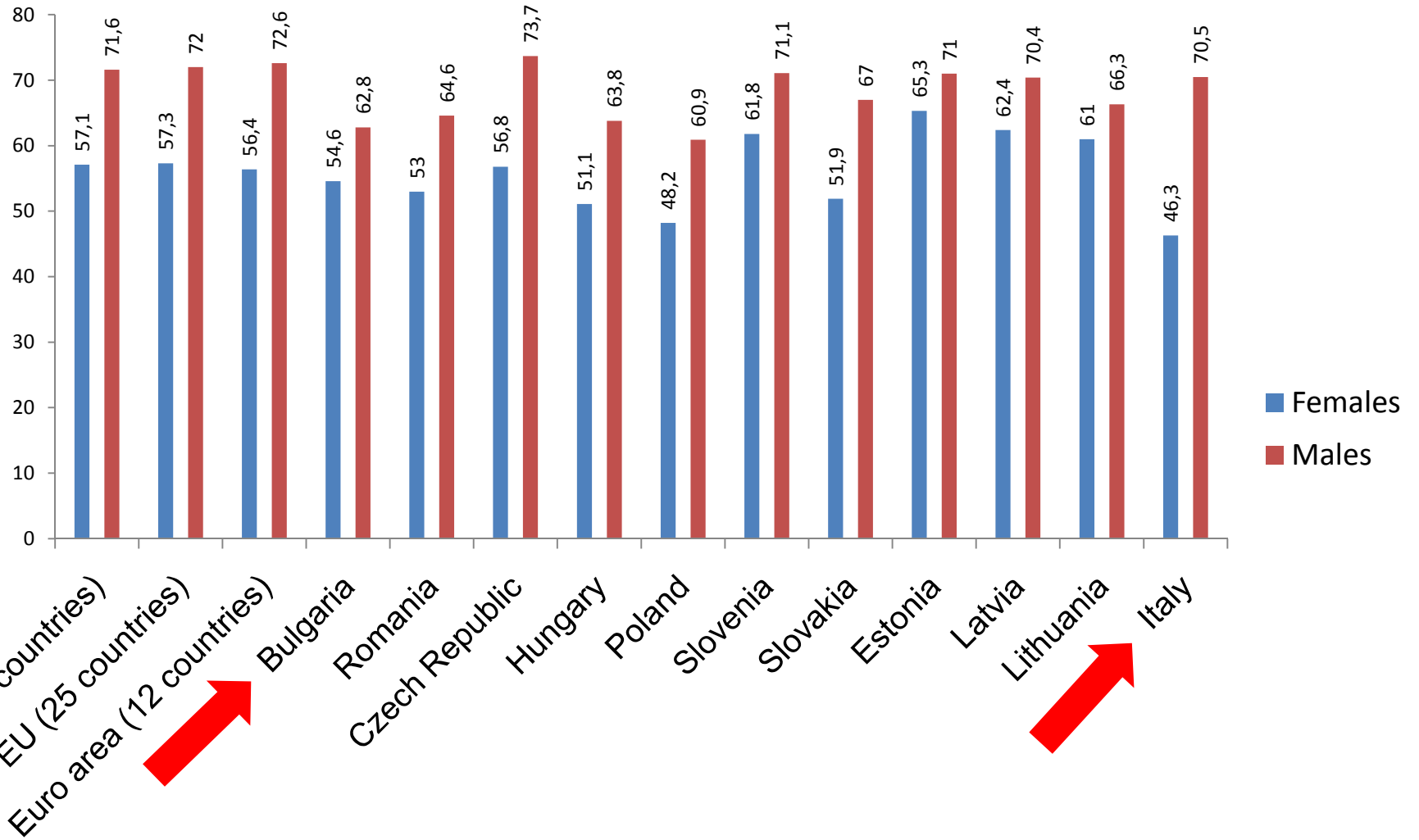
Workers subjected to violence or threats of violence, by country group (%)



**Total employment rate –
Employed persons aged 15-64 as a share of the total
population of the same age group**

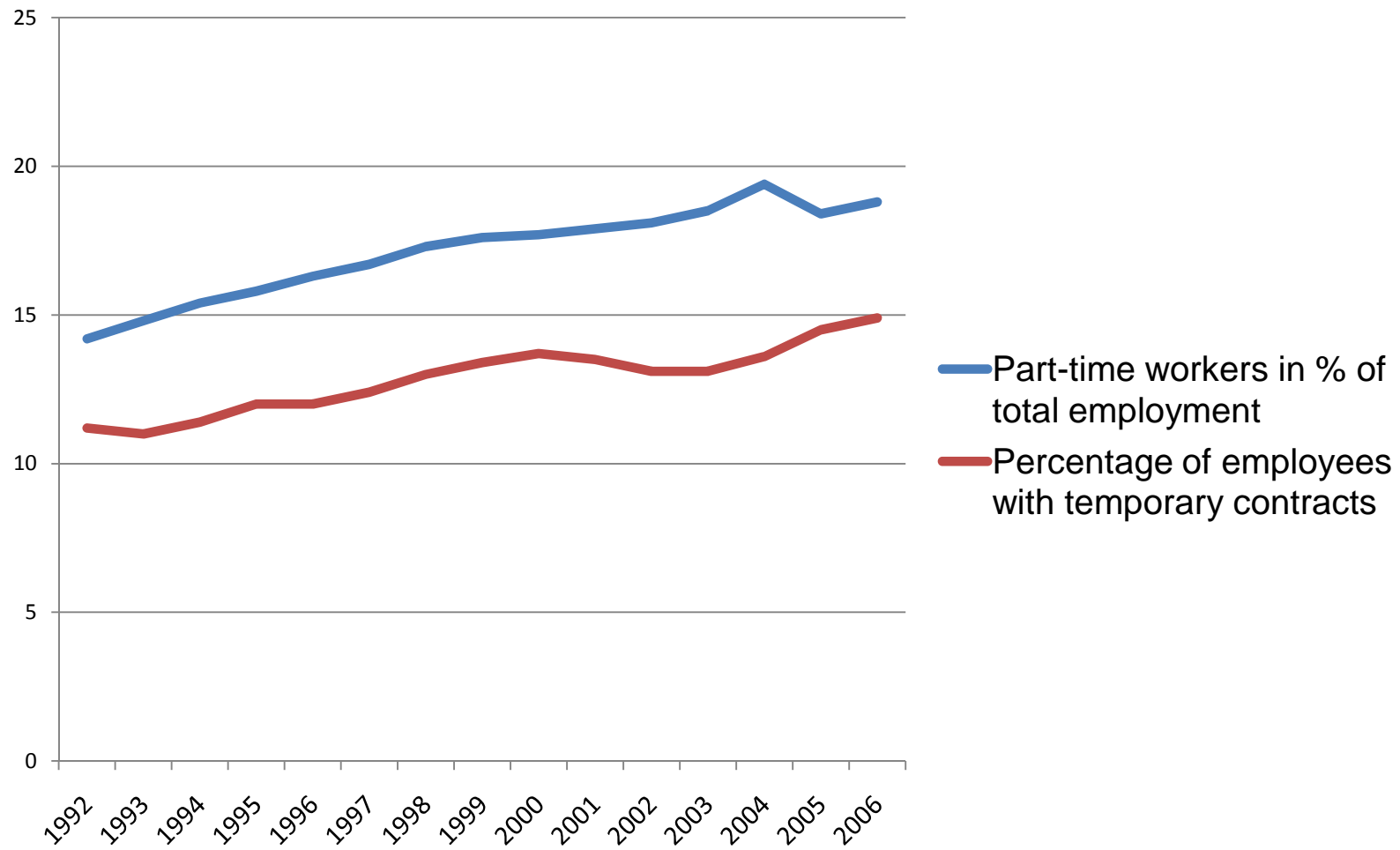


Employment rate, Males - Females

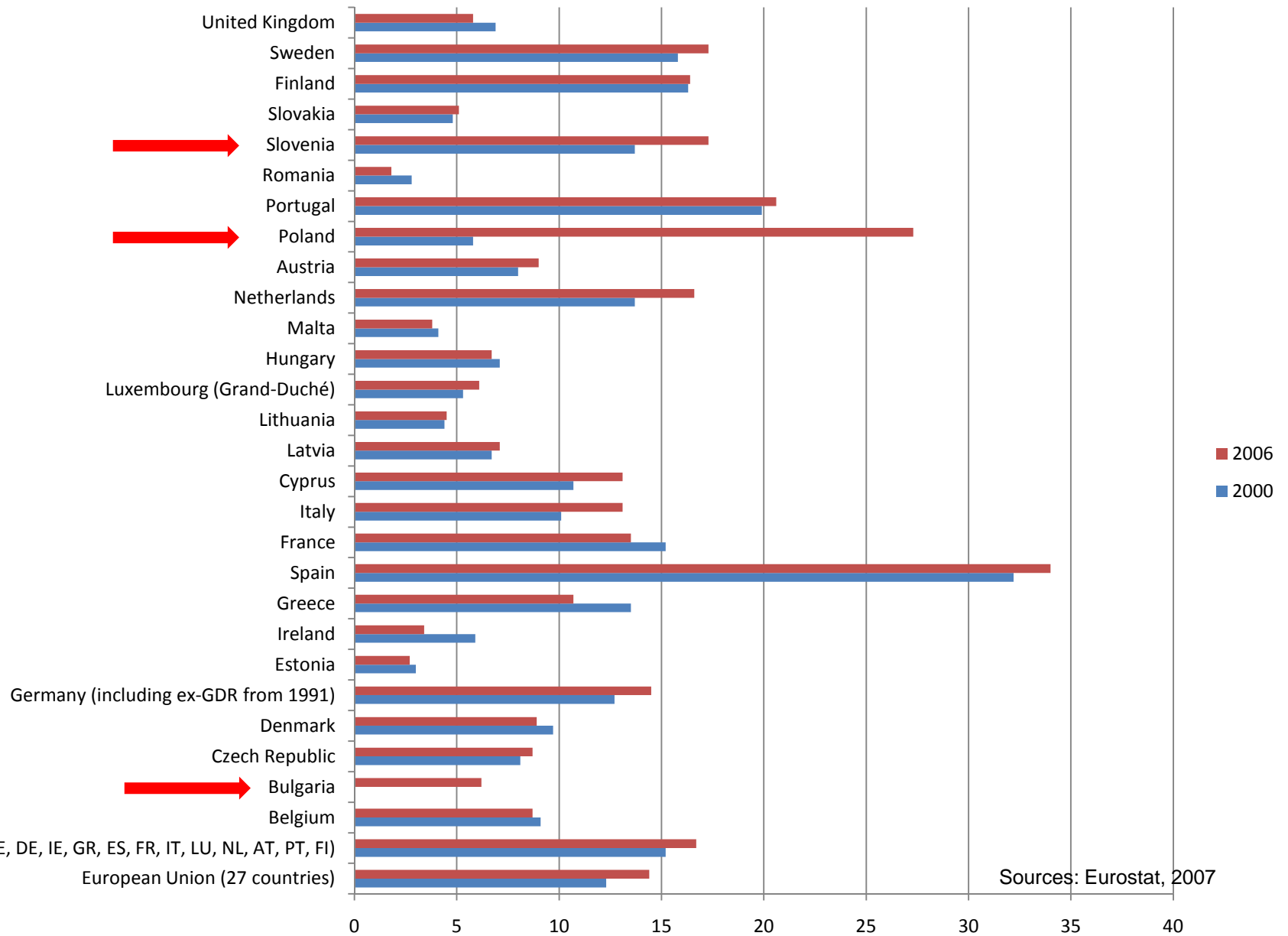


Sources: Eurostat, 2007

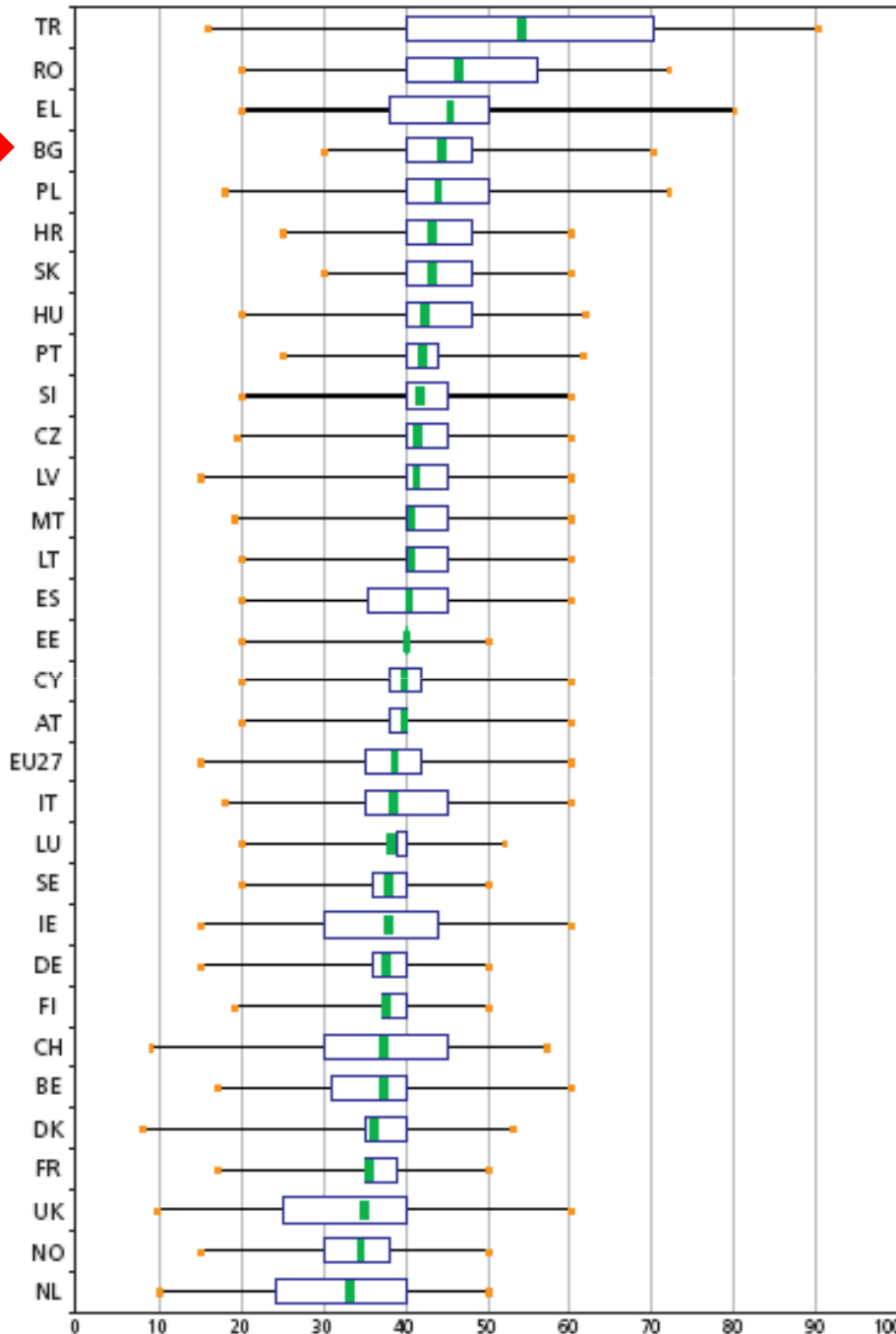
Part-time workers and temporary contracts in % of total employment



UE: Percentage of employees with temporary contracts



Sources: Eurostat, 2007

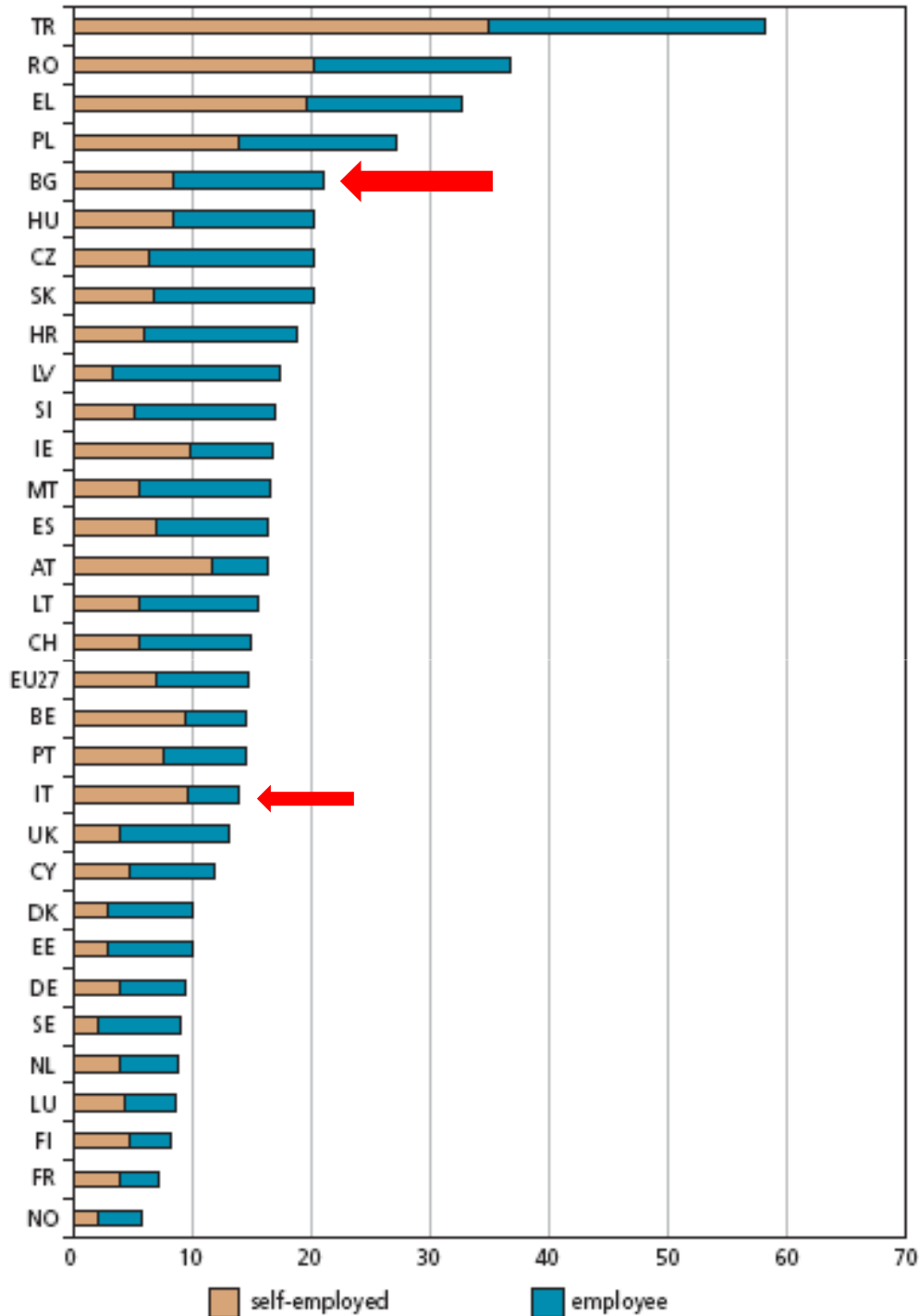


Working Time

The thick green vertical line represents the average working time,

the box around it represents the interquartile range (i.e. 50% of the workers fall within the categories of working hours defined by the box)

and the longer lines represent the 5th and 95th percentiles.

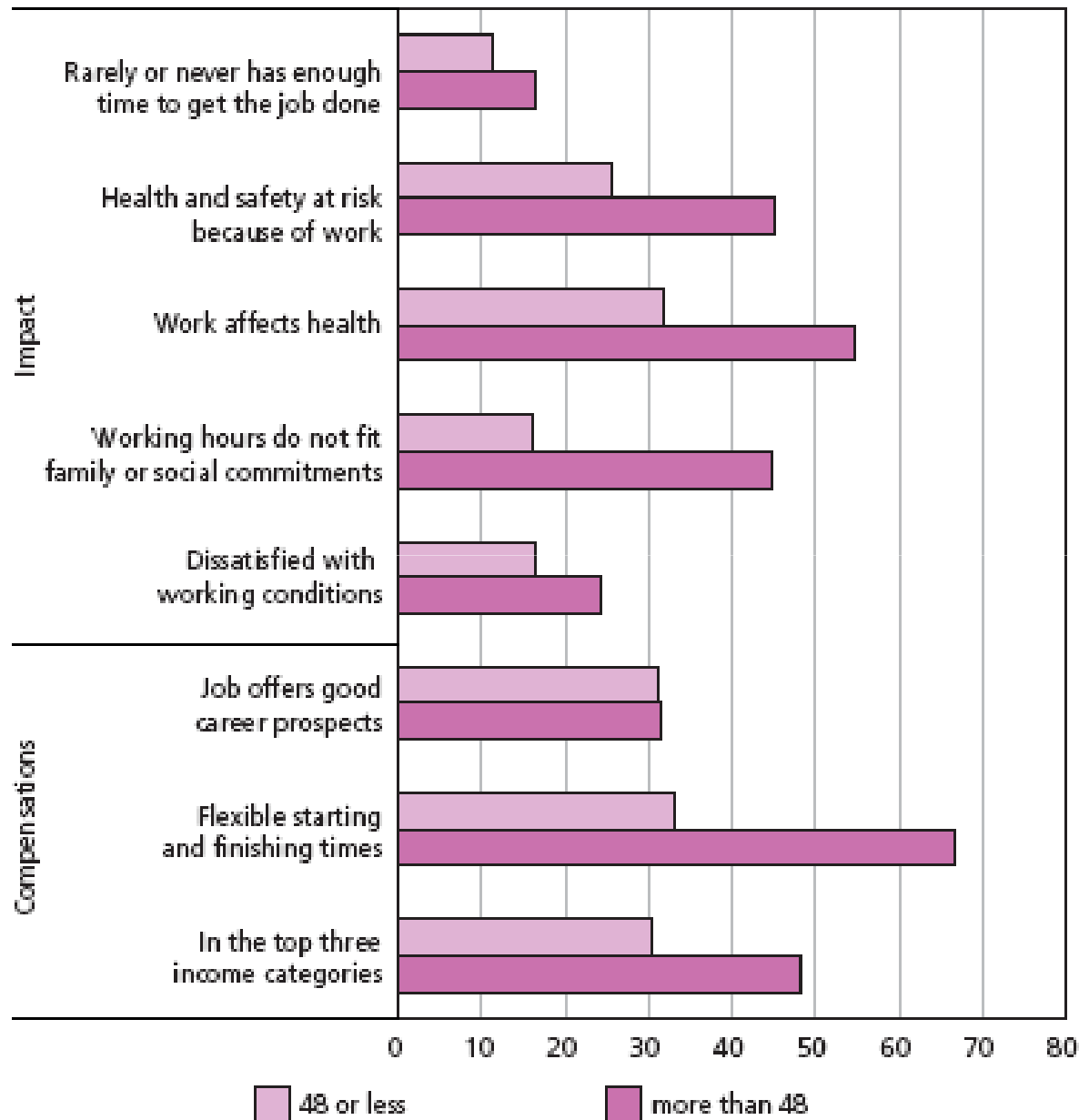


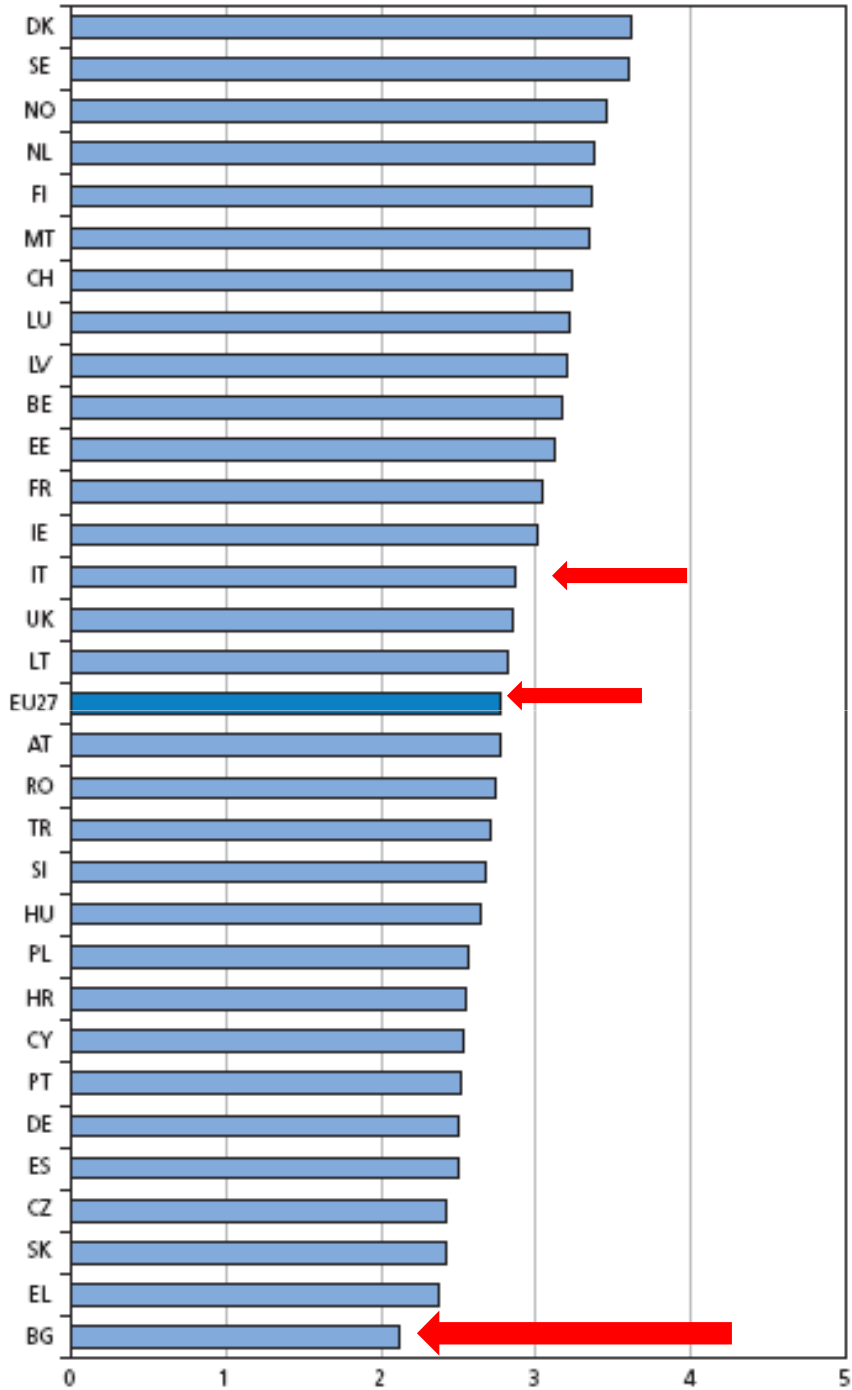
Long working hours (>48 hours per week)

The sector most effected by long working hours are:

- agriculture
- hotel and restaurants
- construction

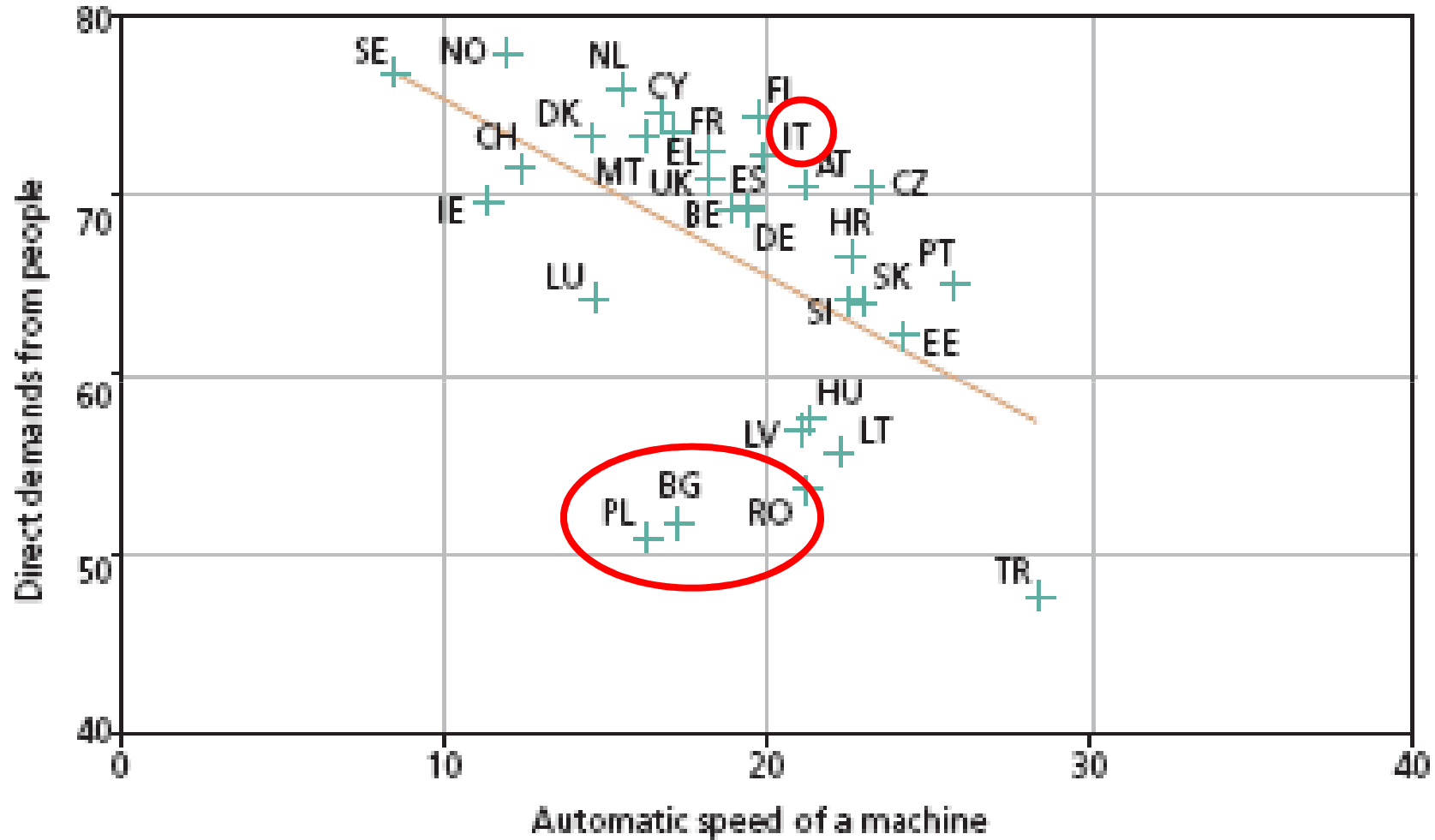
Impact and effects of long working hours, UE 27 (%)



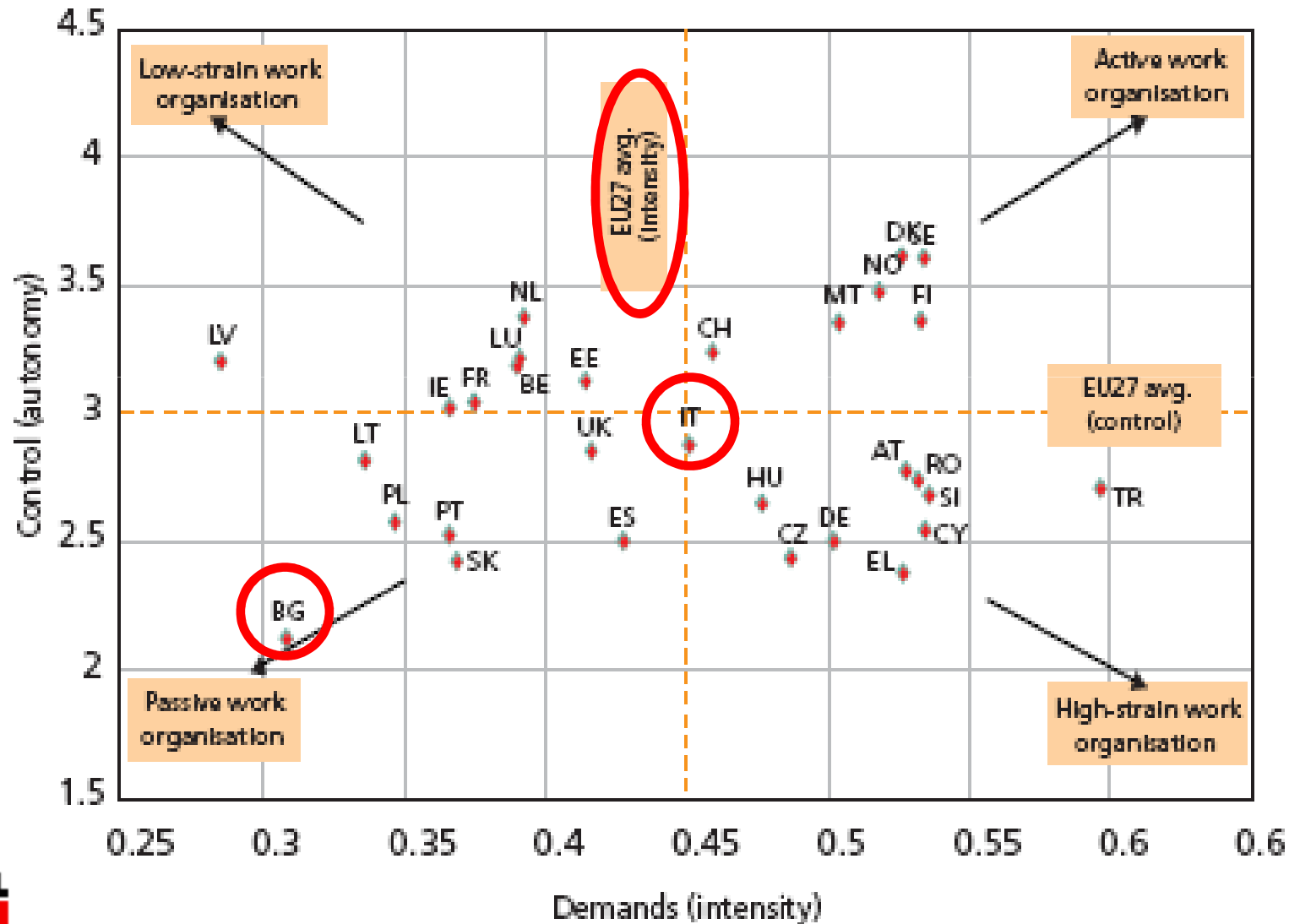


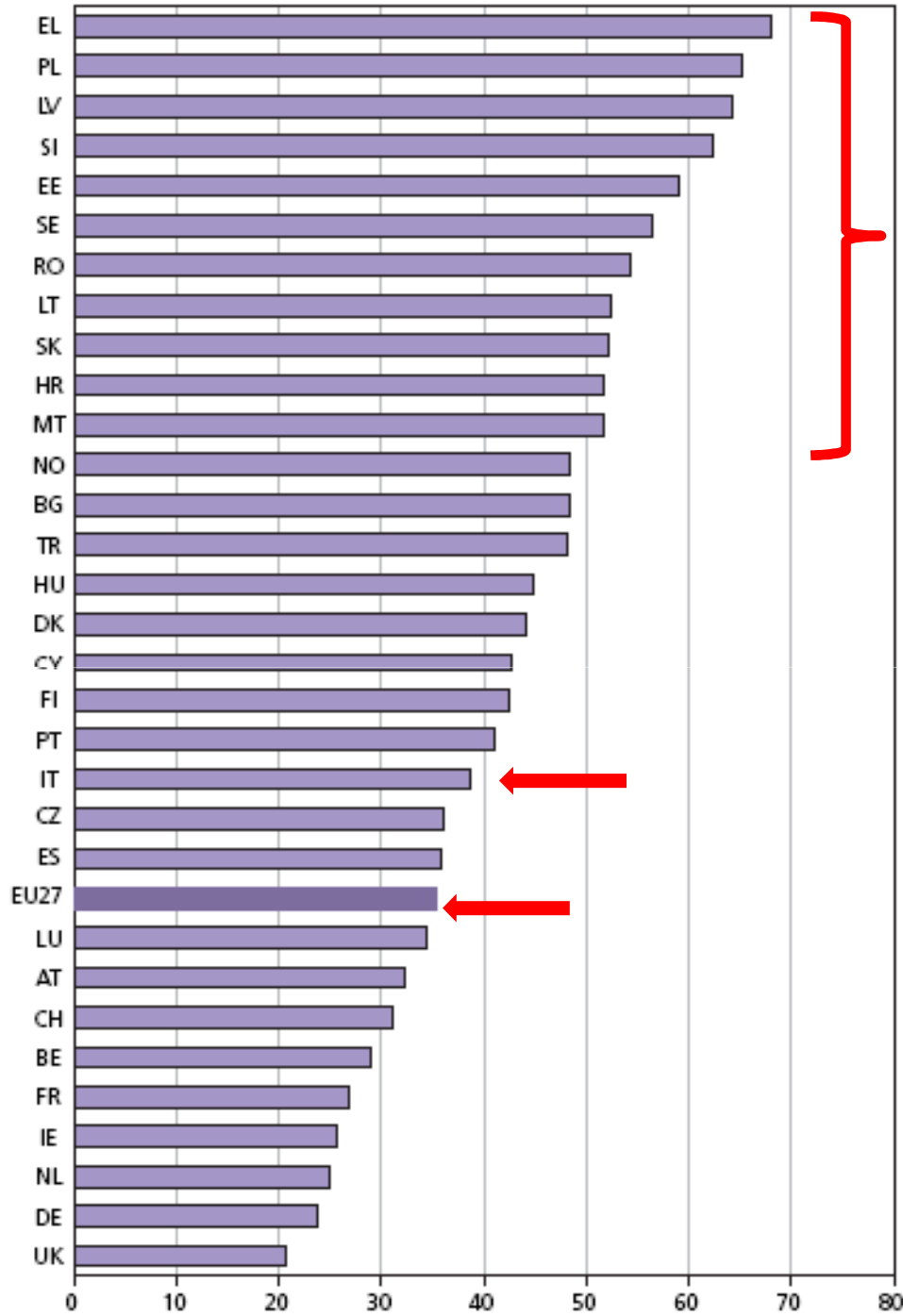
Extent of autonomy in the workplace, by country

Market constraints and industrial constraints as determinants of pace of work, by country (%)



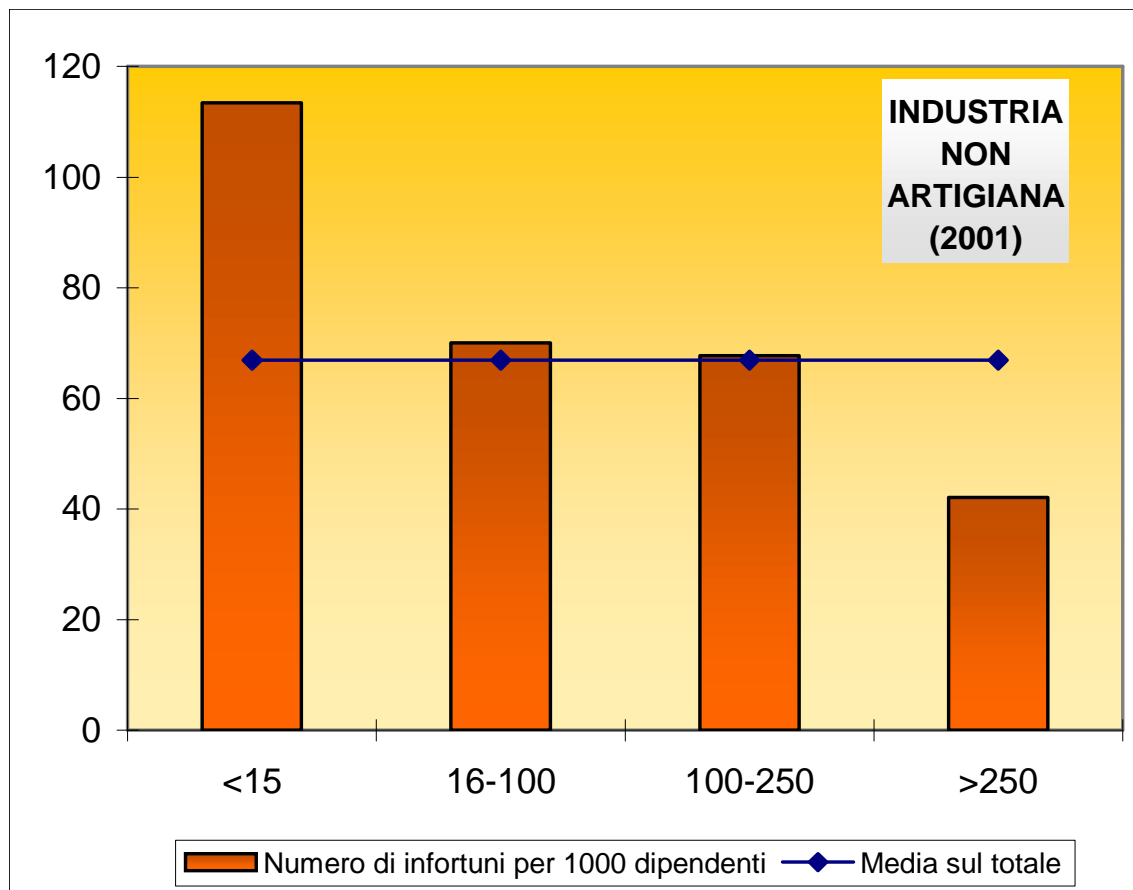
Work organization: models of job strain (Karasek)



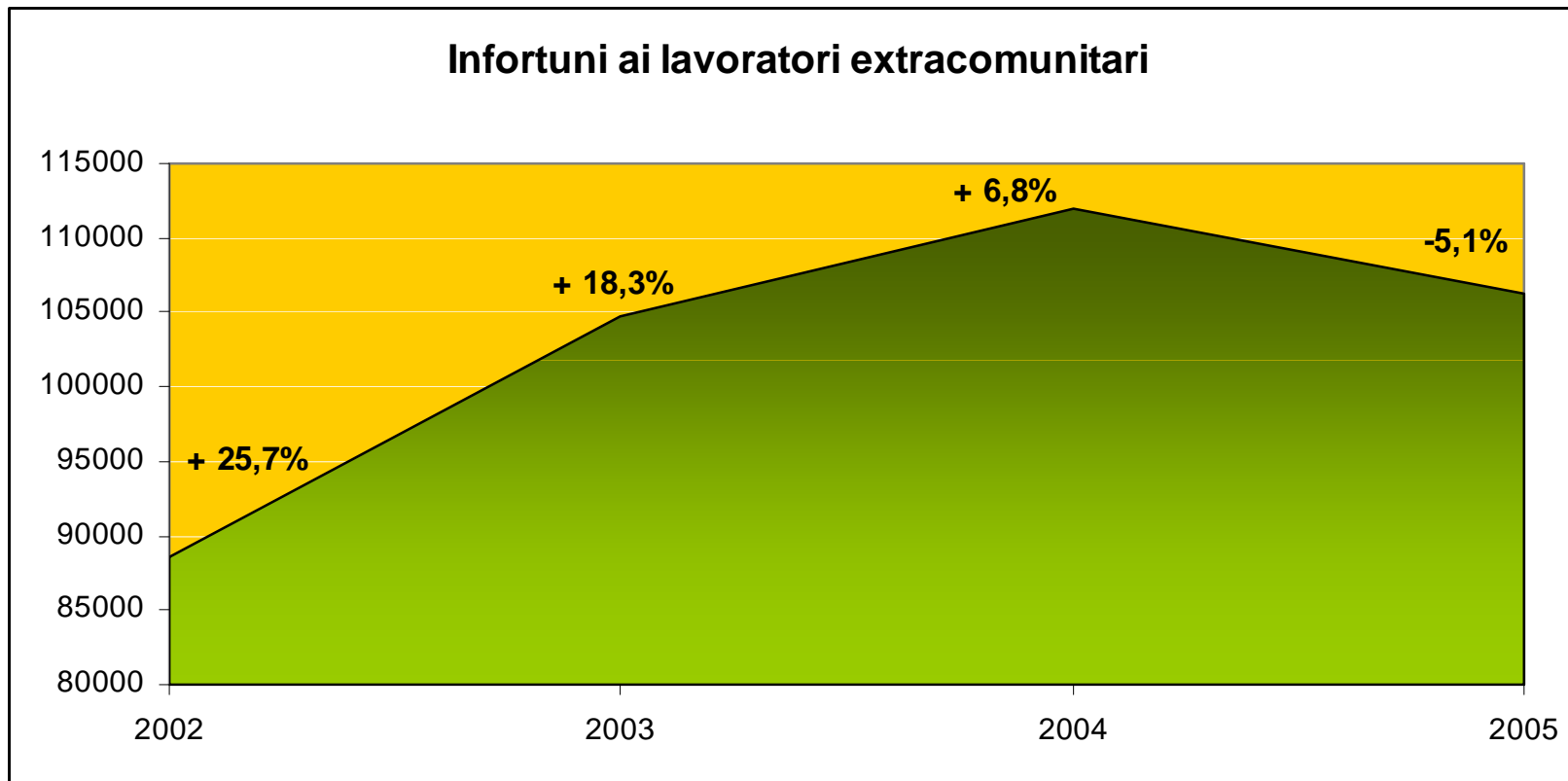


Perceived impact of work on health, by country (%)

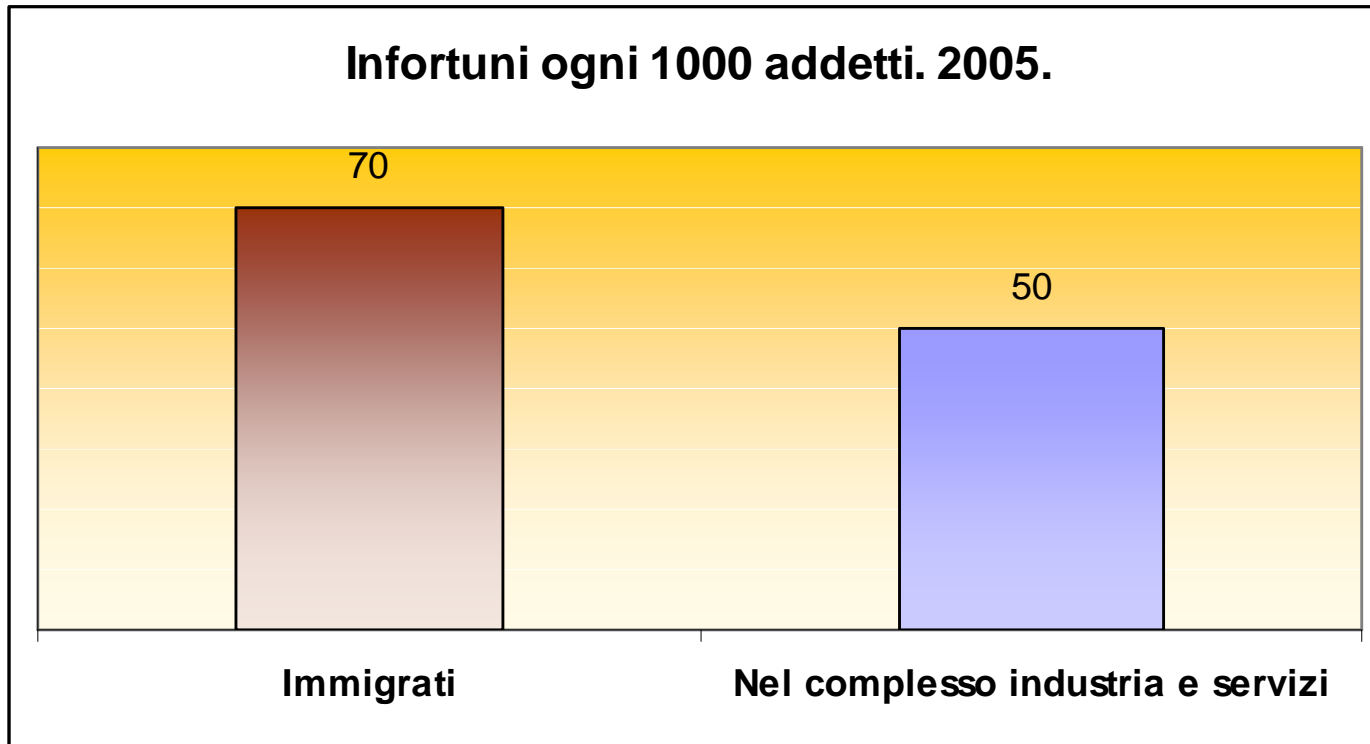
Standardized incidence rate of accidents at work by size of enterprise (rate per 1000 workers)



**Number of accidents at work:
non-national workers**



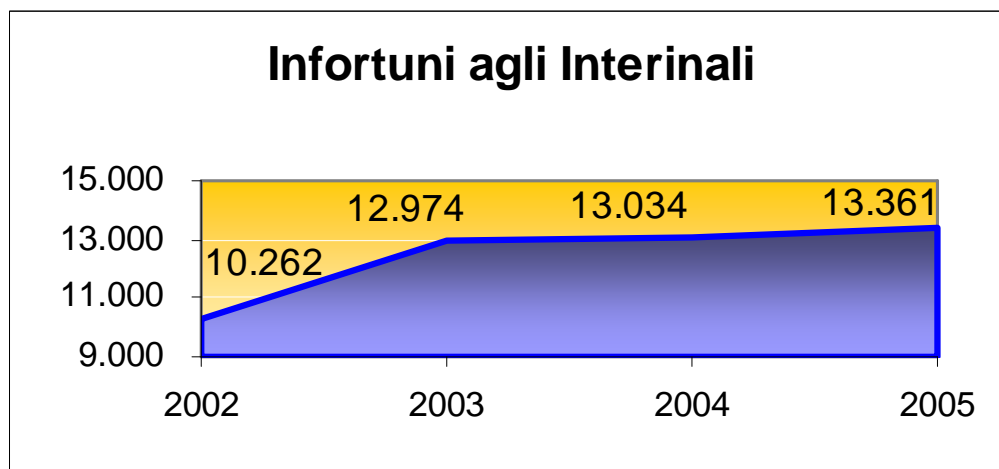
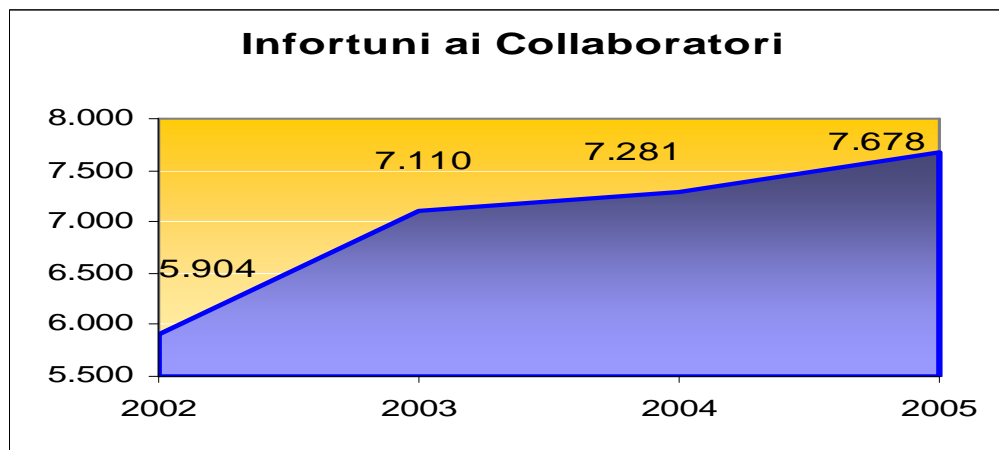
Standardized incidence rate of accidents at work by nationality (rate per 1000 workers)



Non-national workers

All the workers

**Number of accidents at work :
temporary workers**



Number of accidents at work : males and females workers

