



# 15<sup>th</sup> IALI Conference on Labour Inspection

## Dr. Jukka Takala



MINISTRY OF  
MANPOWER



**WSH**   
*Institute*

NEW 2017 Data

Sources: ILO, WHO, Scientific reports



International  
Labour  
Organization

# Global figures

## 2017

- Estimated **2.78** million deaths
- Fatal occupational accidents **380,500**
- Non-fatal occupational accidents **374** million (at least 4 days absence)
- Fatal work-related diseases **2.4** million
- Occupational cancer **742,000**

## 2014

- Estimated **2.32** million deaths
- Fatal occupational accidents **341,373**
- Non-fatal occupational accidents **302** million (at least 4 days absence)
- Fatal work-related diseases **1.98** million
- Occupational cancer **666,000**



Sources: ILO, WHO, Scientific reports



International Labour Organization

# Global figures

NEW 2017 Data to be released

**GLOBAL ESTIMATES OF OCCUPATIONAL ACCIDENTS AND WORK-RELATED ILLNESSES 2017**

Jukka Takala . Tan Boon Kiat . Päivi Hämmäläinen

<https://goo.gl/z3gNvg>

**WSH Institute**

MINISTRY OF SOCIAL AFFAIRS AND HEALTH Finland

Comparative analysis based on past 2014 country data

COMPARATIVE ANALYSIS OF THE BURDEN OF INJURY AND ILLNESS AT WORK IN SELECTED COUNTRIES AND REGIONS

[www.omfi.hu/cejoem](http://www.omfi.hu/cejoem)

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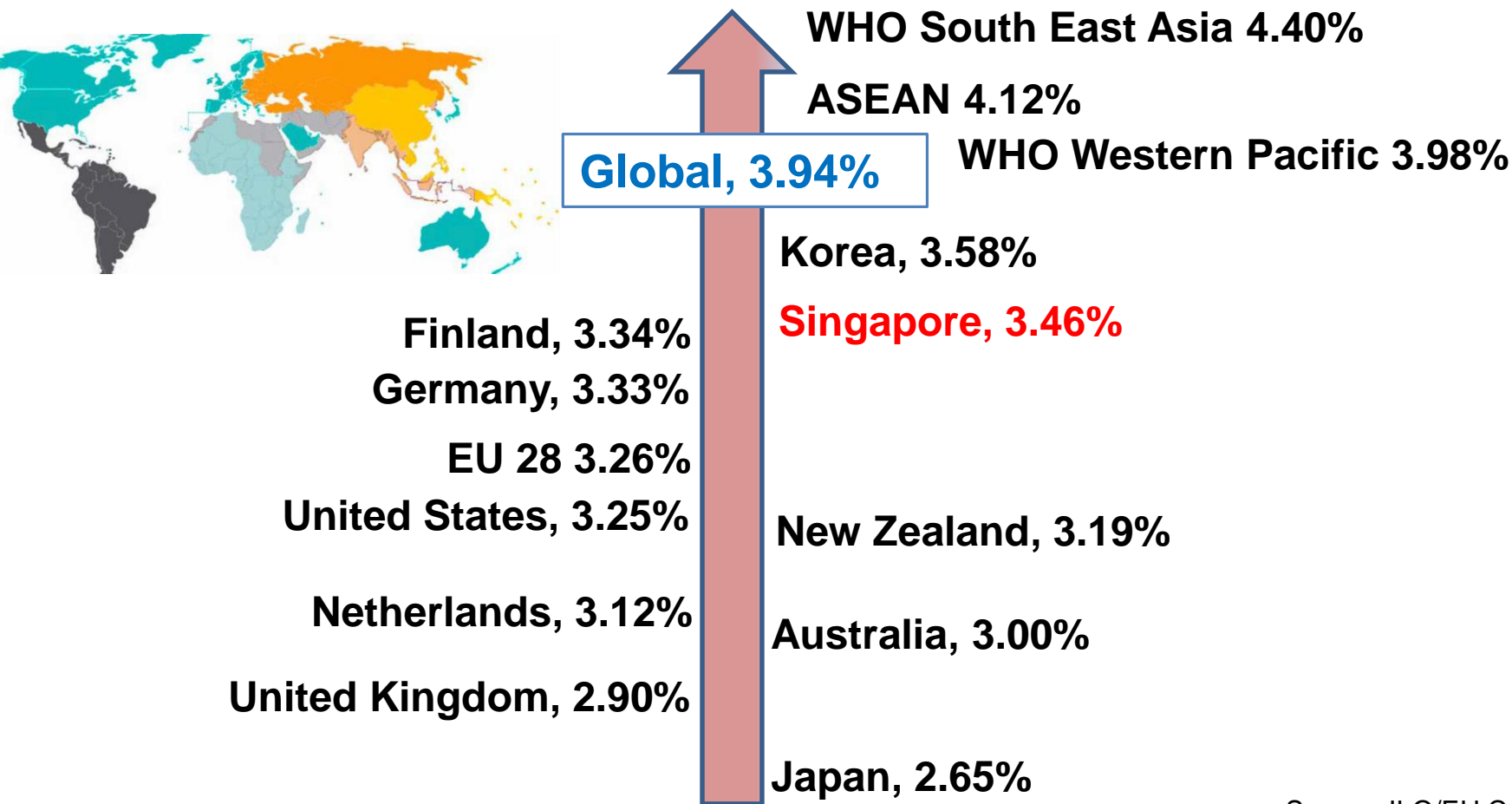
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# Cost Comparison with selected countries

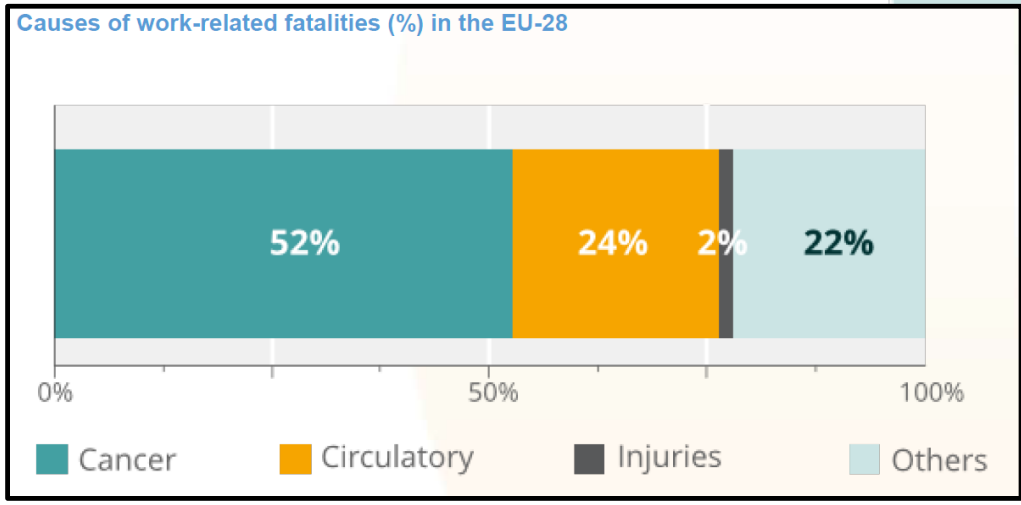
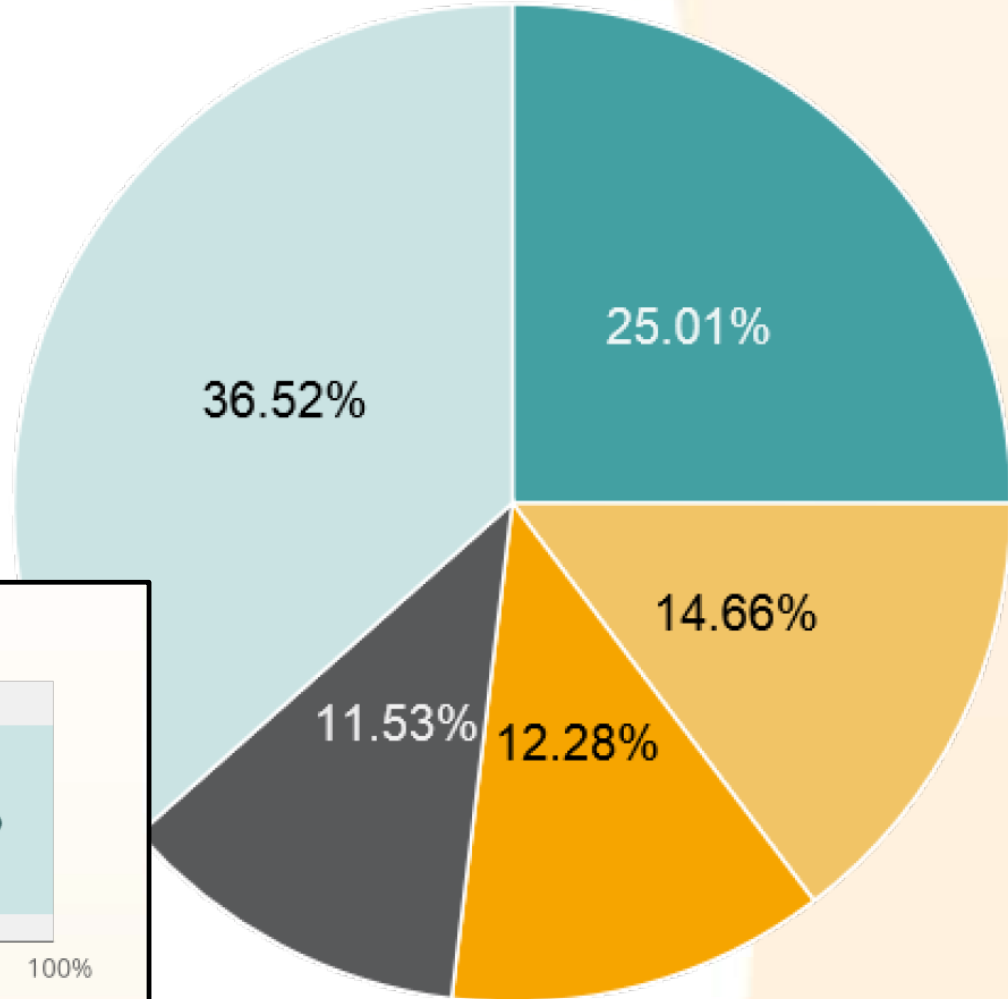
As a proportion of GDP, cost of work-related injuries and ill-health



Source: ILO/EU Cost Estimates of Occupational Accidents and Work-related Diseases, 2015

# EU-28 proportion (%) of the main causes for work-related mortality and morbidity in DALYs per 100,000 employees

Latest 2017 data, EU-OSHA, ICOH and WSH-Institute



■ Cancer ■ MSD ■ Circulatory ■ Injuries ■ Others

# Economic Costs of Work-related injuries and ill-health Study Coalition Estimates **NEW**

**EU28 losses** **528 \* 10<sup>9</sup> USD, 3.26% of the EU GDP**

Occupational cancer 132 \* 10<sup>9</sup> USD, 0.815% of the EU GDP

- RIVM Institute, Netherlands: (range 242-440 \* 10<sup>9</sup> EUR) 334 \* 10<sup>9</sup> EUR

- EU Commission: Value of Statistical Life, VSL=4 million EUR 425 \* 10<sup>9</sup> EUR

**United States losses** **583 \* 10<sup>9</sup> USD, 3.25% of USA GDP**

**China** **430 \* 10<sup>9</sup> USD, 3.96% of China GDP**

**Global, estimated countr.** **2,547 \* 10<sup>9</sup> USD, 3.94% of global GDP**

**Global, latest GDP, all cntr.** **2,966 \* 10<sup>9</sup> USD, 3.94% of global GDP**

**.....**  
**US+EU+CN = combined total GDP of poorest 130 countries**



**For discussion**

