15th IALI Conference on Labour Inspection
Dr. Jukka Takala
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
NEW 2017 Data to be released

Global figures

Comparative analysis based on past 2014 country data

GLOBAL ESTIMATES OF OCCUPATIONAL ACCIDENTS AND WORK-RELATED ILLNESSES 2017
Jukka Takala, Tan Boon Kiat, Päivi Hääläinen

https://goo.gl/z3gNvg

Sources: ILO, WHO, Scientific reports

Comparative analysis of the burden of injury and illness at work in selected countries and regions

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CENTRAL EUROPEAN JOURNAL OF OCCUPATIONAL AND ENVIRONMENTAL MEDICINE
VOLUME 23 NUMBER 1-2, 2017

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Cost Comparison with selected countries

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

- WHO South East Asia: 4.40%
- ASEAN: 4.12%
- WHO Western Pacific: 3.98%
- Global: 3.94%
- Korea: 3.58%
- Singapore: 3.46%
- Finland: 3.34%
- Germany: 3.33%
- EU 28: 3.26%
- United States: 3.25%
- New Zealand: 3.19%
- Netherlands: 3.12%
- Australia: 3.00%
- United Kingdom: 2.90%
- Japan: 2.65%

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

### Economic Costs of Work-related injuries and ill-health

#### Study Coalition Estimates

<table>
<thead>
<tr>
<th>Region</th>
<th>Losses</th>
<th>% of GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU28</td>
<td>528 * 10^9 USD</td>
<td>3.26%</td>
</tr>
<tr>
<td>Occupational</td>
<td>132 * 10^9 USD</td>
<td>0.815%</td>
</tr>
<tr>
<td>- RIVM</td>
<td>(range 242-440 * 10^9 EUR)</td>
<td>334 * 10^9 EUR</td>
</tr>
<tr>
<td>- EU Commission</td>
<td>VSL=4 million EUR</td>
<td>425 * 10^9 EUR</td>
</tr>
<tr>
<td>United States</td>
<td>583 * 10^9 USD</td>
<td>3.25%</td>
</tr>
<tr>
<td>China</td>
<td>430 * 10^9 USD</td>
<td>3.96%</td>
</tr>
<tr>
<td>Global, est.</td>
<td>2,547 * 10^9 USD</td>
<td>3.94%</td>
</tr>
<tr>
<td>Global, latest GDP, all cntr.</td>
<td>2,966 * 10^9 USD</td>
<td>3.94%</td>
</tr>
</tbody>
</table>

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