

WORLD

McDonald's restaurant and major grocery chain failed to spot signs of modern slavery, BBC reports

Safety Risks Faced by Pizza Delivery Workers

Delivering pizza might seem like a simple job, but it comes with a host of safety concerns, including traffic accidents, exposure to crime, and health risks. According to the U.S. Bureau of Labor

Statistics (BLS), a pizza delivery driver is at a higher risk of injury and death than a construction worker or police officer.



Overview of Occupational Injuries and Diseases in the Informal economy

Universal health coverage and universal health protection – informal economy
Geneva 12 Dec 2024

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International Commission on Occupational Health
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Comisión Internacional de Salud en el Trabajo

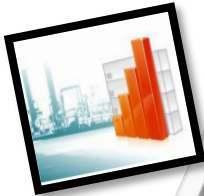
Global Injuries and Diseases – informal economy

**Informal economy - informal work, no coverage,
practically no protective measures**

**Universal Health Care –
Universal Occupational Health Care,**

no real distinction between working/non-working time

**Basic occupational safety and health services,
measuring progress, BOSH and ILO Convention 161,
workability, wellbeing at work,
- Interventions?**



According to latest Global Estimates 2023 (source data from 2019)

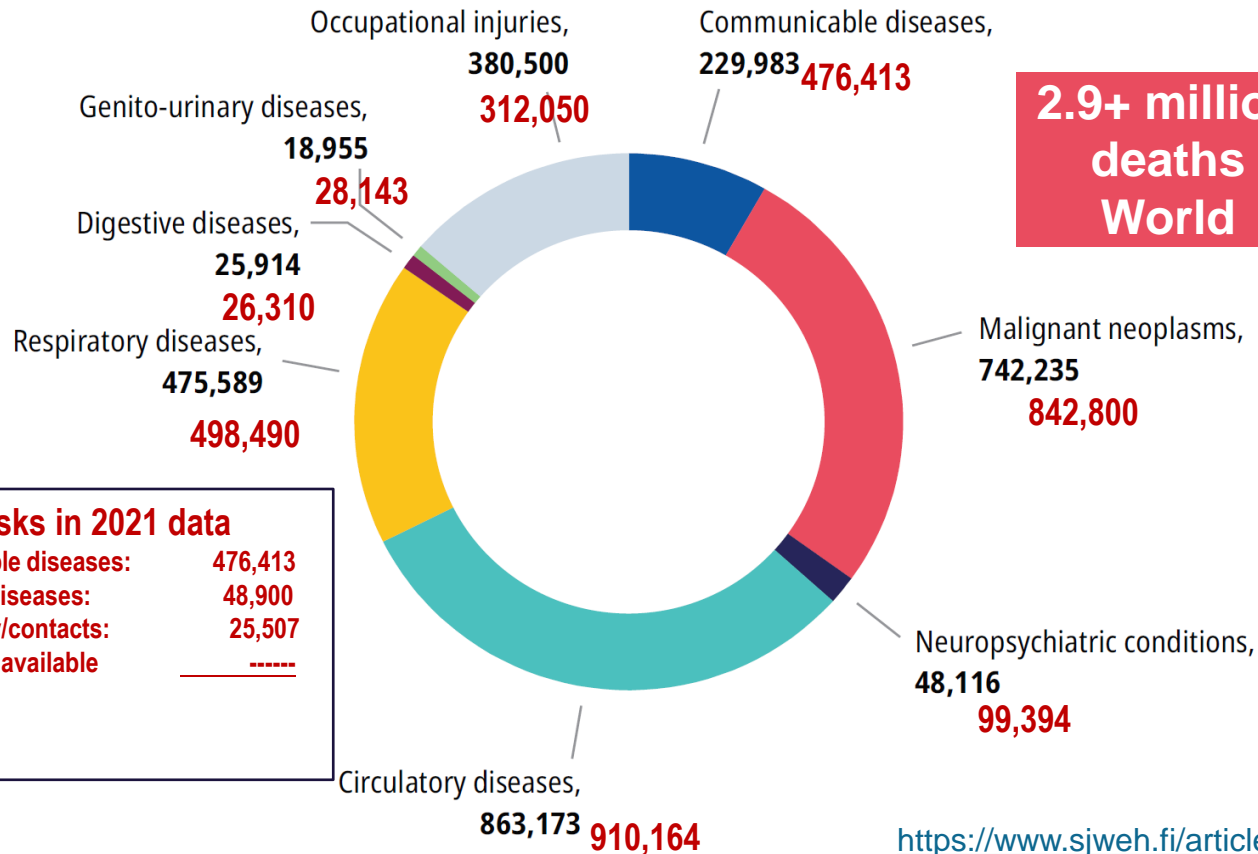
2.9+ million deaths every year

Close to 2 million in informal economy
by occupational accidents and diseases

New 5.8 % of annual global GDP lost
Production losses only

► Figure 12. Estimated global work-related mortality, by cause 2017-2023

Data of year 2017 is black - Year 2021 estimate in red colour (data from 2019 - 2021)

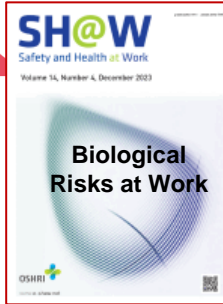


2.9+ million deaths World

Biological risks in 2021 data

- in communicable diseases: 476,413
- in respiratory diseases: 48,900
- in animal injury/contacts: 25,507
- in cancers, not available: -----

TOTAL
550,820



SJWEH: Scientific paper
by
Jukka Takala, Adj.Prof. Päivi Hämäläinen, Dr. Clas-Håkan Nygård, Prof Riitta Sauni, Prof Diana Gagliardi, Dr. Subas Neupane, Adj.Prof

Sources: IJLR 2021 and new data, ILO

Work-related injuries and diseases, and COVID-19

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<https://www.sjweh.fi/article/4132>

World Bank:

- More than **2 billion** people are employed in the informal economy.
- ILO/ICOH/Tampere University estimates are based on **3.5 billion** labour force, about 2/3 of **deaths - close to 2 million** - and disabilities are in informal economy:
- Women are over-represented in unregulated work in developing economies.
- Women earn less than men also in informal roles.

Indicators of death, disability and disease at work

TARGET		INDICATOR
1	IMPROVED POLICIES AND LEGISLATION TO COVER OSH <ul style="list-style-type: none"> • Compensation • Enforcement 	<ul style="list-style-type: none"> - Number of ratifications of ILO Conventions (especially No.155/161) * Percentage of active labour force covered * Percentage of active labour force covered
2	OCCUPATIONAL HEALTH SERVICES	<ul style="list-style-type: none"> - Percentage of active labour force covered
3	INFRASTRUCTURE AND MANPOWER <ul style="list-style-type: none"> • Manpower 1 % or more employed in OSH • Capacity of enforcement • Capacity of occupational health care • Training in OSH • Research in OSH • Information in OSH 	<ul style="list-style-type: none"> * Percentage now of active labour force in specific OSH occupations (medical, inspection, hygienists, safety officers, full-time safety representatives) * Size of inspectorate (number of inspectors as percentage of active labour force, and percentage of professionally qualified inspectors) * Percentage of doctors, nurses, etc. in active labour force * Number and capacity of training institutes, universities, safety councils, workers' education units * Number of researchers, research reports * Number of information centres, service capacity (all in relation to the size of active labour force)
4	RECORDING OF	<ul style="list-style-type: none"> - Percentage of active labour force covered by

**Occupational
Diseases are
Common -
Common Diseases
are Occupational**



Are we dealing with these Sustainable Development Goals

labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment.



Nevertheless, a considerable task remains for governments, employers, workers and other stakeholders in building present and future generations of safe and healthy workers. The

Work and workforce are linked to *all* United Nations Sustainable Development Goals, not just to SDG 3 and SDG 8



‘Work is everywhere in the society’

Work covers All Aspects of the UN Goals

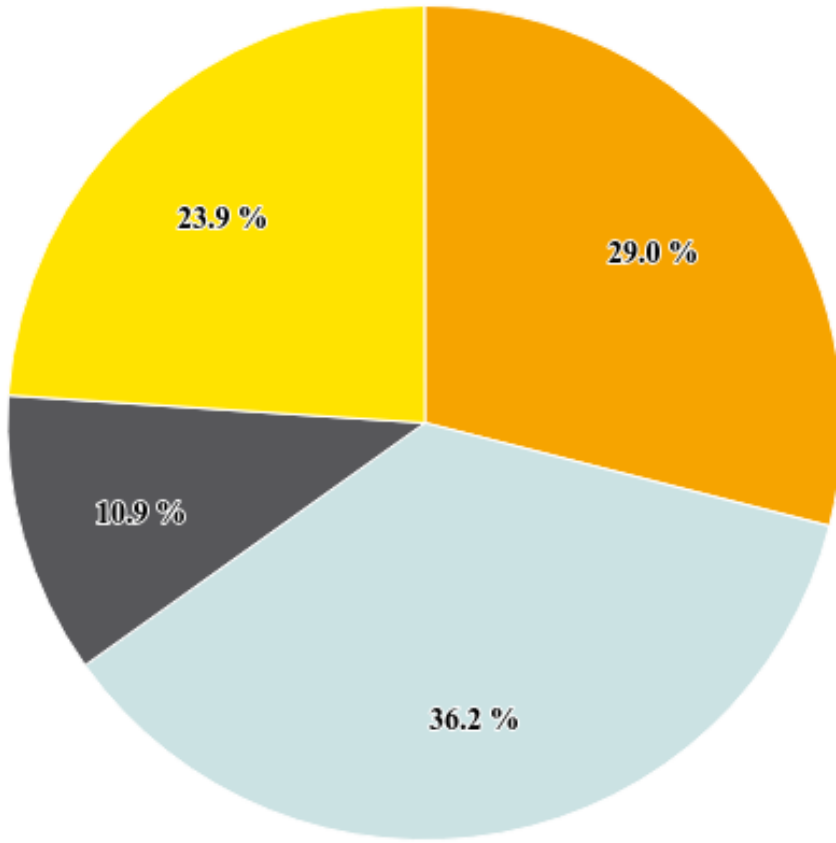
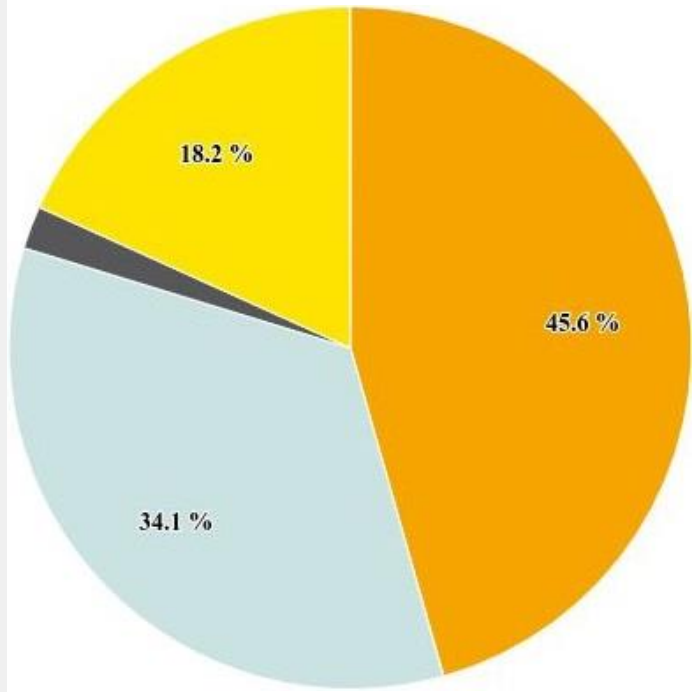
Global Deaths at Work/ EU Deaths at Work - How about Informal Work?



EU27

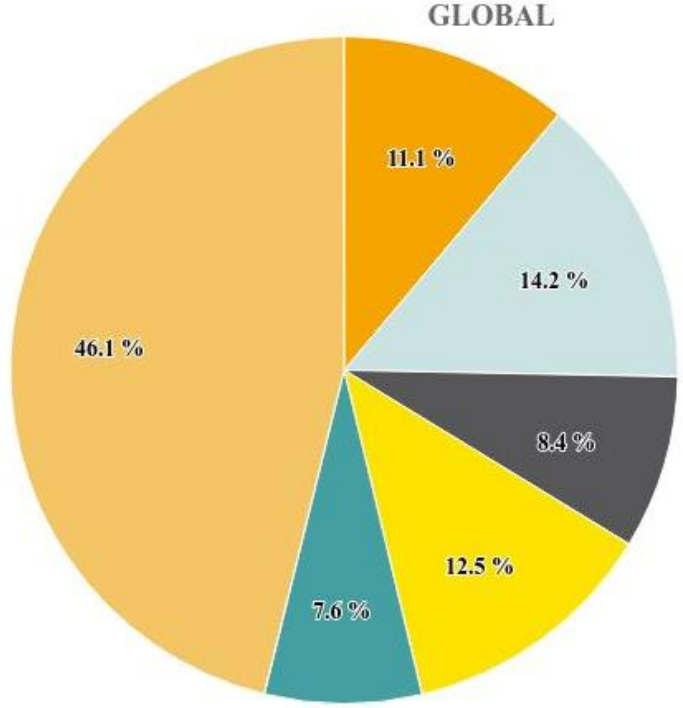
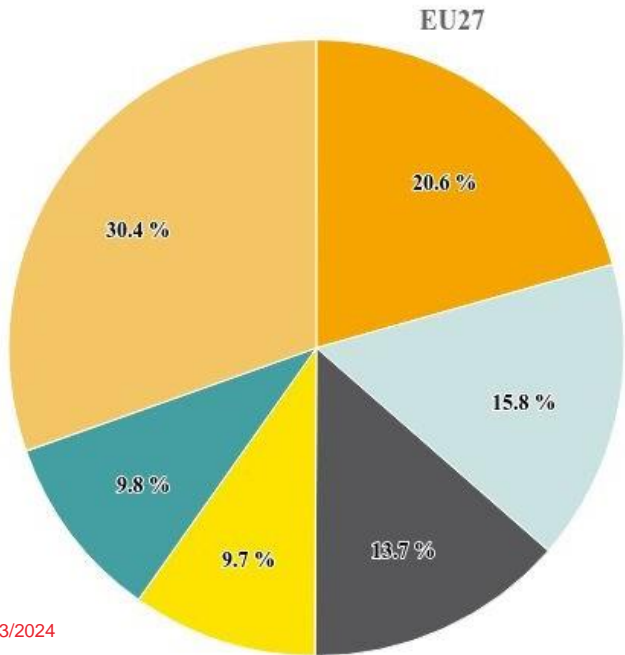


GLOBAL



Global and EU Distribution of Disabilities (DALYs)

the informal sector has more other diseases, communicable and respiratory diseases and accidents. less cancer & MSD disabilities



13/2024

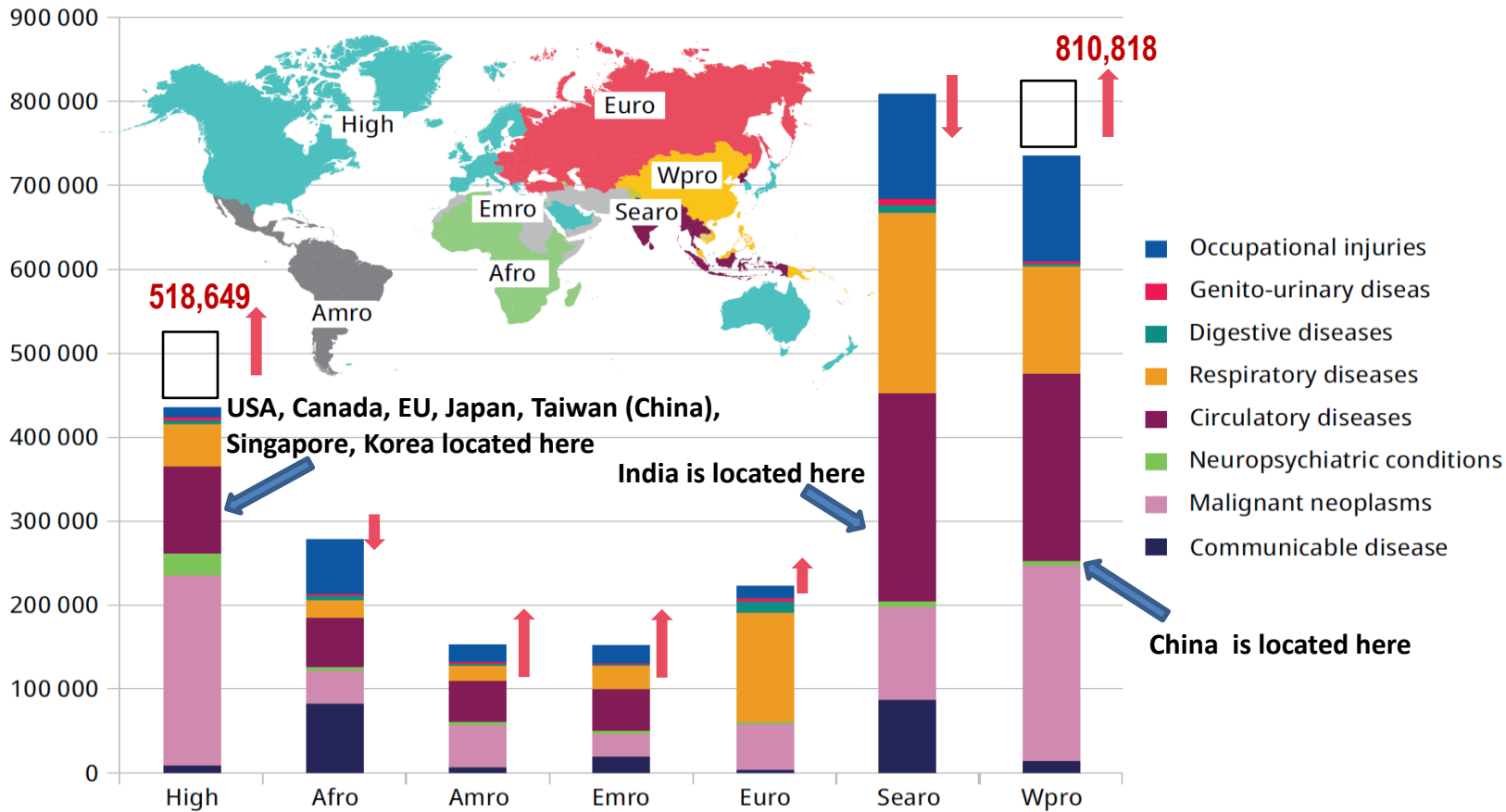
7 million Disability Adjusted Life Years

180 million Disability Adjusted Life Years

**Cancer is a disease –
Occupational cancer is an administrative decision
(national workers' compensation)**

Occupational disease according to ILO: Any disease contracted as a result of an exposure to risk factors arising out from (or aggravated by) work activity

▶ Figure Work-related mortality, by WHO region, 2017 – 2021 in red colour



Note: 'High' refers to high-income areas.

Source: Takala et al. 2017.

Deaths GBD Compare

Single Explore Compare

Shared settings [Use advanced settings](#)

Display
 Cause Risk

Risk
 All risk factors

Measure
 YLDs DALYs Deaths

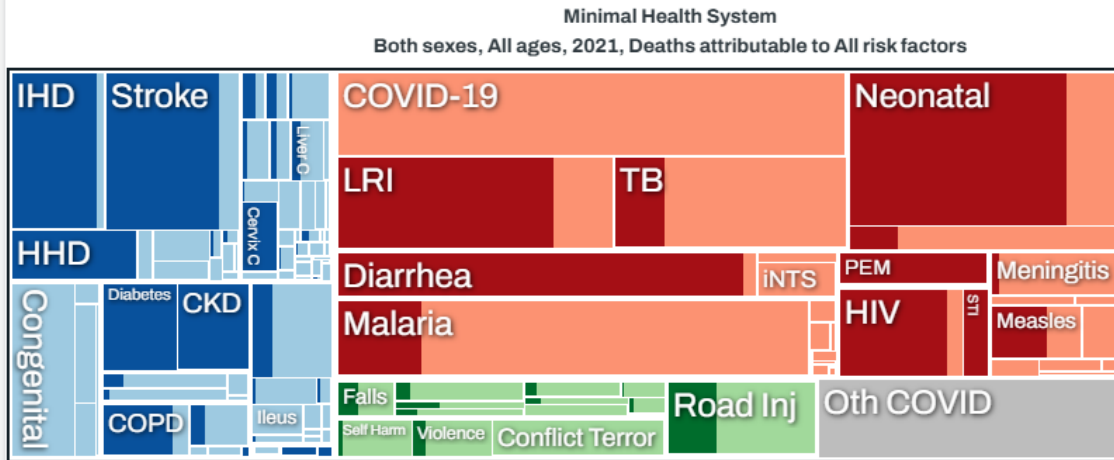
Year
 2021

Age

All	<5	5-14
15-49	50-69	70+

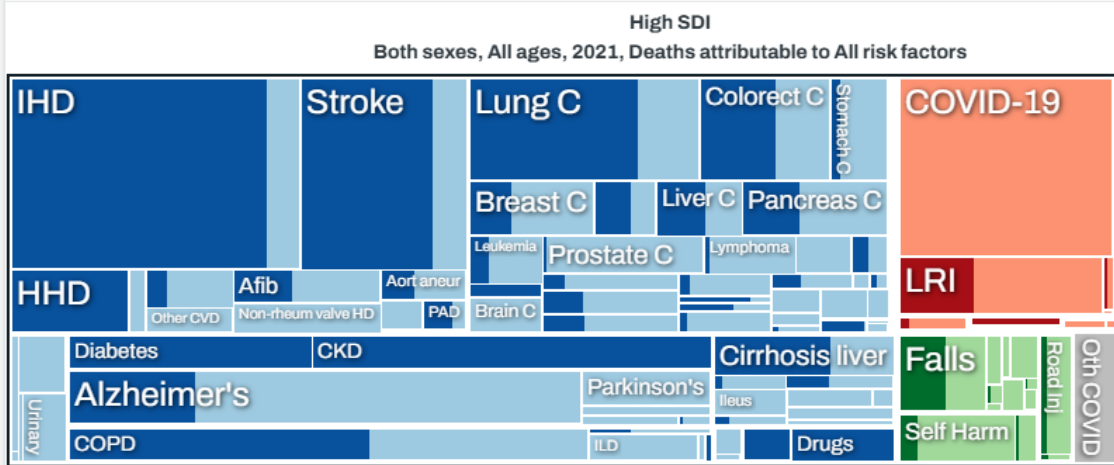
Sex
 Male Female Both

Top chart settings
Location



Deaths attributable to risk

Deaths not attributable to risk



Deaths attributable to risk

Deaths not attributable to risk

Single Explore **Compare**

All risk factors

Measure
YLDs **DALYs** Deaths

Year
2021

Age
All <5 5-14
15-49 50-69 70+

Sex
Male Female **Both**

Top chart settings
Location
Low SDI

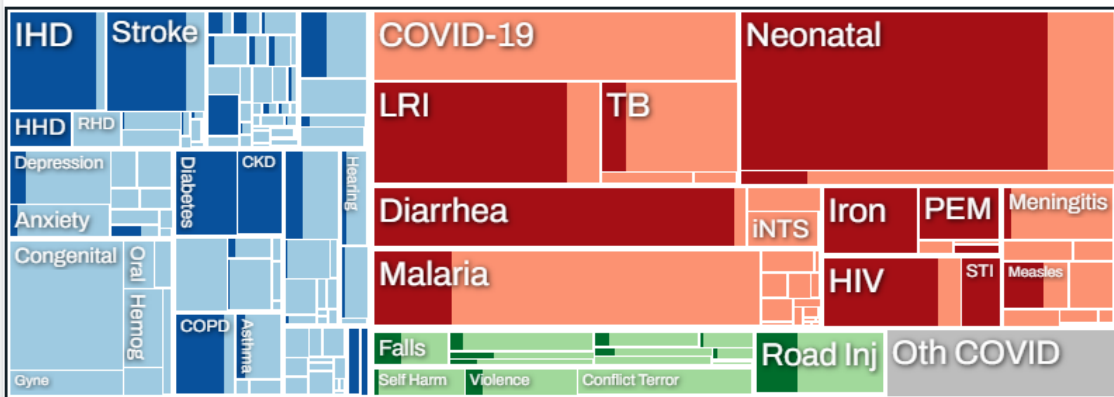
Bottom chart settings
Location
High SDI

Take tour

Disabilities (DALYs)

Low SDI

Both sexes, All ages, 2021, DALYs attributable to All risk factors



DALYs attributable to risk

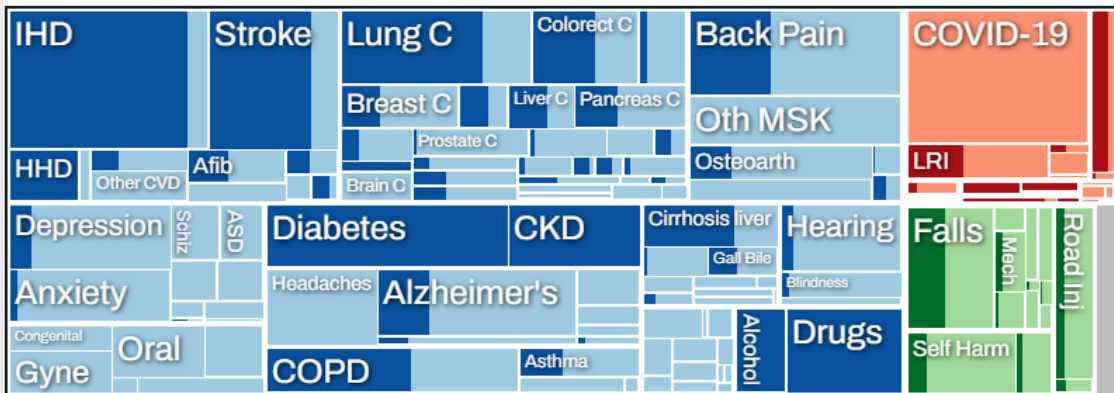


DALYs not attributable to risk



High SDI

Both sexes, All ages, 2021, DALYs attributable to All risk factors



DALYs attributable to risk



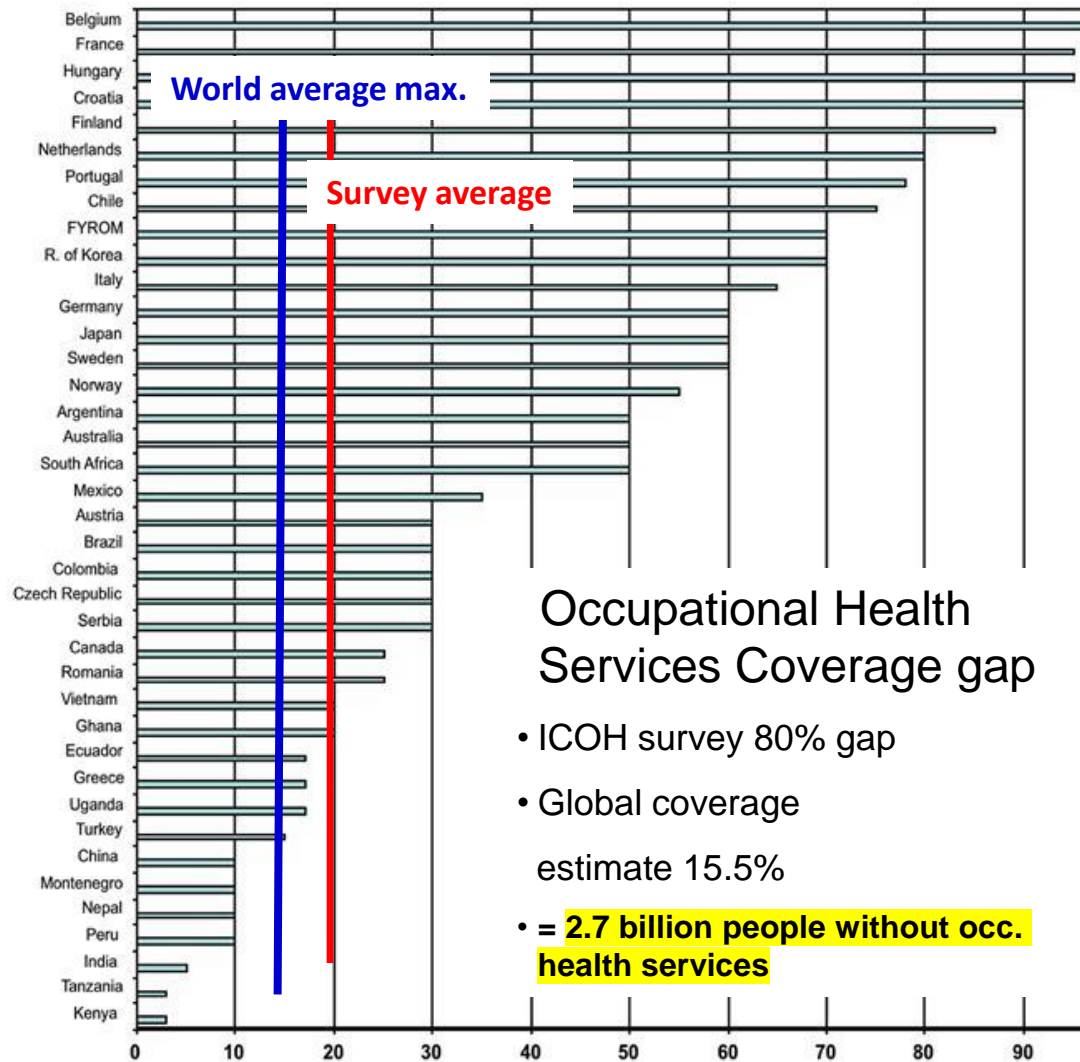
DALYs not attributable to risk



ICOH 47 Country survey results

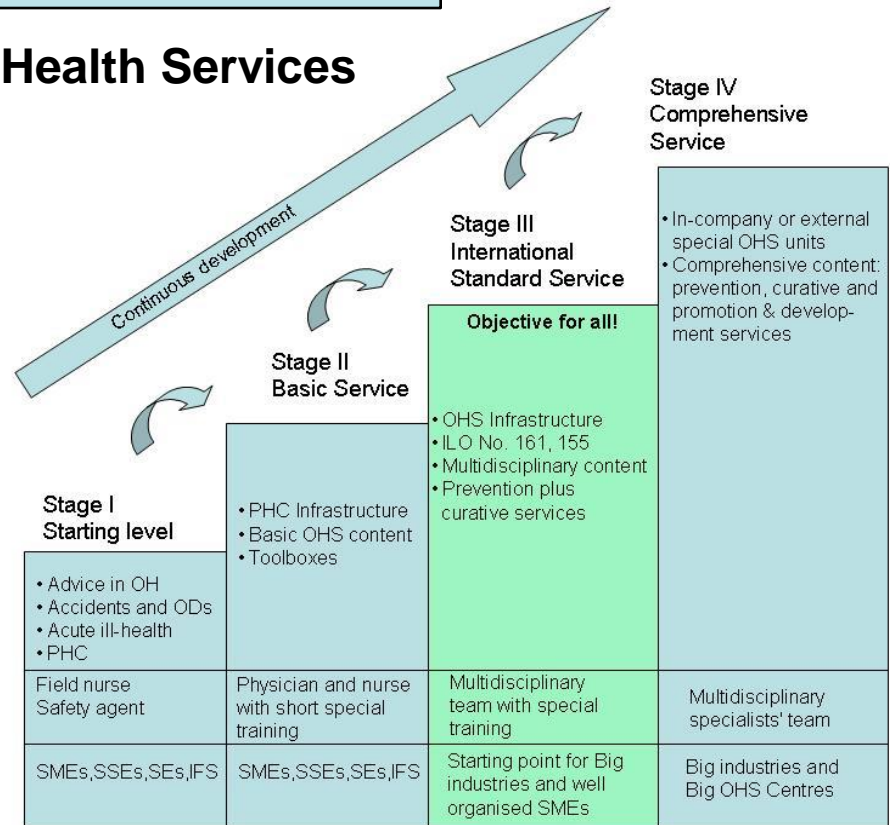
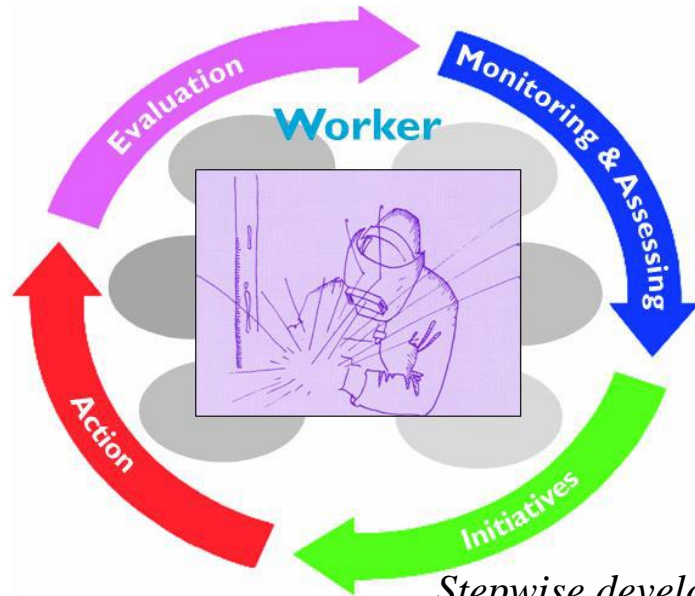
- OHS policy in 70% of countries
- >50% coverage in 38% of countries
- Variation 3% - 100%, average 20%
- **Estimated world coverage at the maximum 15%**

Ref. J.Rantanen



Basic Occupational Health Services

BOSH Target Structure as in ILO Convention C161



Stepwise development of occupational health services

ODs = occupational diseases, PHC = Primary Health Care, OHS = occupational health services, SME = small and medium-sized workplace, SSE = Small enterprise, SE = Self-employed, IFS = Informal sector

SOURCE: Prof. Jorma Rantanen

Key Recommendations:

1. ILO and WHO should take the lead, convene the ILO/WHO Joint Committee on Occupational Health, and set a target of **universal occupational health coverage**.
2. All stakeholders should set their own workplace health and safety strategies and with a view of **zero harm**.
3. **Predict, prevent and be prepared** of future major issues. Epidemics may be caused by nature and climate change, not just by viruses, e.g. by human action, such as the asbestos epidemics with some 255,000 dying every year.
4. **Gradually widen the legal and other coverage methods of the Informal sector.**
 - Regulatory framework and enforcement systems based on ILO standards.
 - Workplace collaborative mechanisms between workers and employers.
 - Promoting production cooperatives e.g. in agriculture, trade, informal production systems
 - Authorities and voluntary bodies to provide media campaigns, advisory services on key hazards, such as on exposures to chemicals, traffic, hygiene, poor sanitary facilities, biorisks...



**Thank you !
Questions?**