

The Problem We're Solving: The Global Safety Gap

Work is a major factor in our overall health but, **going to work carries significant and unequal risks.**

OSH-Connect was created to address a critical global problem: **we cannot fix what we cannot clearly see.**

The Human and Economic Toll

In 2018 alone, work-related injuries and diseases resulted in **1.9 million deaths** worldwide.

Beyond the tragic human cost, workplace harm leads to severe mental health impacts, family hardship and distress, and massive economic losses, costing tens of billions of dollars annually.

An Unequal Burden

Your risk of harm at work heavily depends on where you live and who you are.

Workers in low- and middle-income nations and vulnerable groups like migrants and part-time workers face the highest risks due to weaker regulations and working in hazardous industries.

The Missing Puzzle Piece

Currently, OSH relevant data is collected by various global organizations, but it is disconnected.

Because this information is scattered, researchers and policymakers are missing vital insights.

OSH-Connect Solution

Supported by the **Lloyd's Register Foundation**, OSH-Connect unites occupational safety, health, and risk (OSH) data from major international collections.

We are creating a **single-source global database** of country-level statistics. Accessible through an interactive online dashboard, this project turns complex data into actionable insights to improve risk management and worker health globally.

Global Reach: Over 200 Nations

To provide a truly comprehensive perspective, OSH-Connect includes data spanning over **200 countries** covering all **6 World Health Organization** regions.

Our **data sources** include:

- Lloyds World Risk Poll
- International Labour Organization
- World Health Organization
- Organization for Economic Cooperation and Development
- European Union



The Framework: How We Categorize Safety



We capture data across **four core domains.**

To understand why some nations or regions are safer than others, OSH-Connect looks at the "whole picture."

This includes data that reflects the social, workplace and worker level determinants of workplace safety, as well as safety outcomes.

Data Standards & Sources

To ensure the data is relevant and reliable, every item included in our structured Data Dictionary must meet the following criteria:

Covers the **five-year window** from 2019 to 2023

Available for at **least 10 different countries**

100% free and **publicly accessible**

Turning data into action

OSH-Connect is more than a collection of numbers; it is a tool designed for real-world impact.

By providing transparent, high-quality insights via an interactive dashboard, we empower policymakers, employers, and safety advocates to implement targeted, life-saving measures.

Ultimately, OSH-Connect informs better practices to protect the health and well-being of workers around the globe.

How to access the data

We are going to make data publicly available via a dashboard on our website, www.osh-connect.com.

You can also ask us for the data via a request process we are establishing. We will conduct and publish analysis of the data as the project progresses.

Contact us

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Webpage



osh-connect.com

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