



employment & labour

Department:
Employment and Labour
REPUBLIC OF SOUTH AFRICA

Department of Employment and Labour Occupational Hygiene Statistics Feedback

2020/2021 and 2021/2022

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1. Introduction

The Department of Employment and Labour has over 50 occupational hygiene approved inspection authorities (AIA). These AIAs are approved in terms of four regulations; Asbestos Abatement Regulations of 2020, Lead Regulations of 2002, Regulations for Hazardous Chemical Agents of 2021 and Noise-Induced Hearing Loss Regulations of 2003.

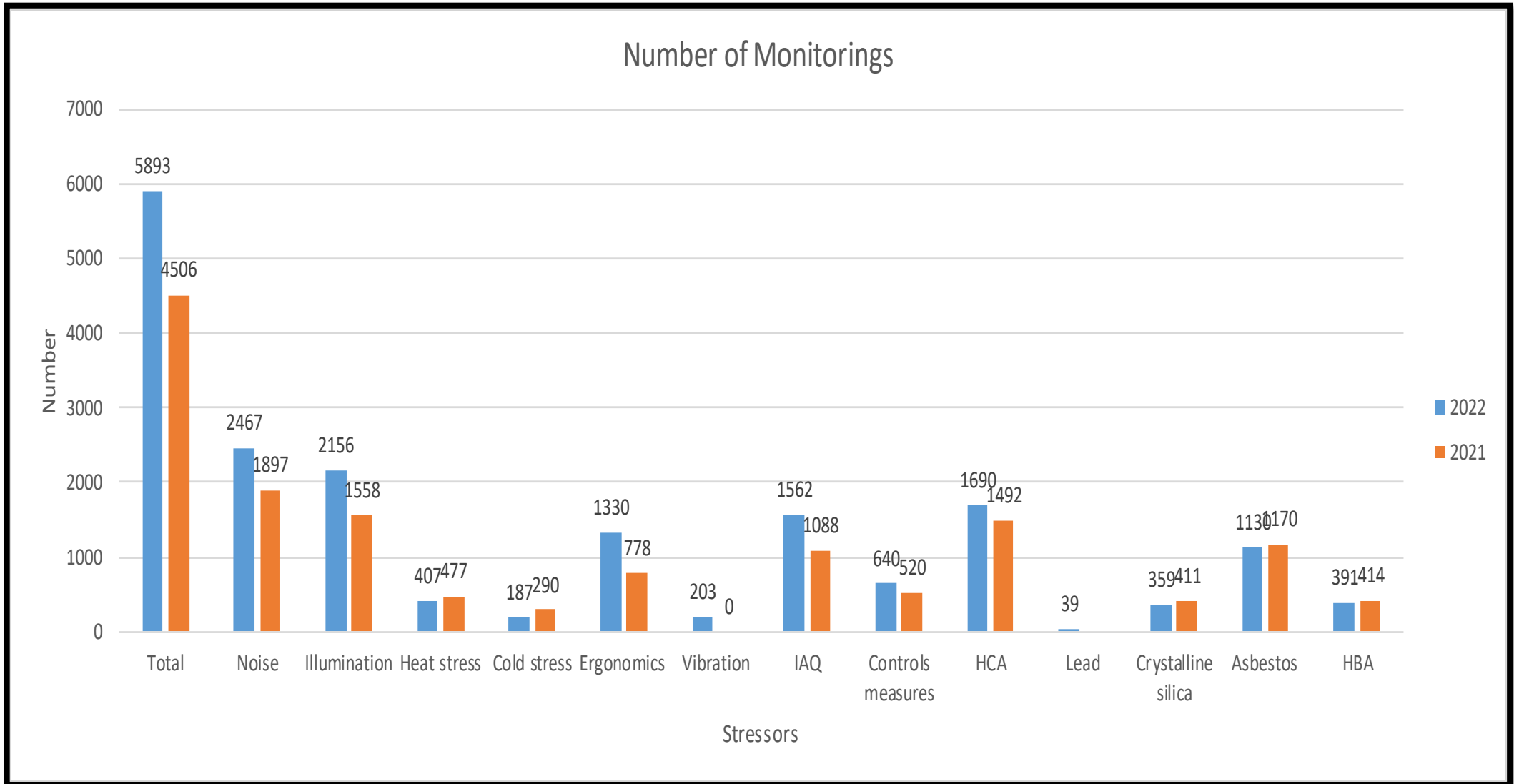
One of the requirements of AIA approval is for AIAs to report to the Chief Inspector, every 6-months; on 31 March and 30 September, on the number of occupational hygiene survey conducted and worst-case results for each survey. The results are reported in terms of the following occupational stressors:

- noise
- illumination
- heat stress
- cold stress
- ergonomics
- indoor air quality
- hazardous chemical agents
- control measures for hazardous chemical agents
- lead
- asbestos
- crystalline silica
- hazardous biological agents
- vibration

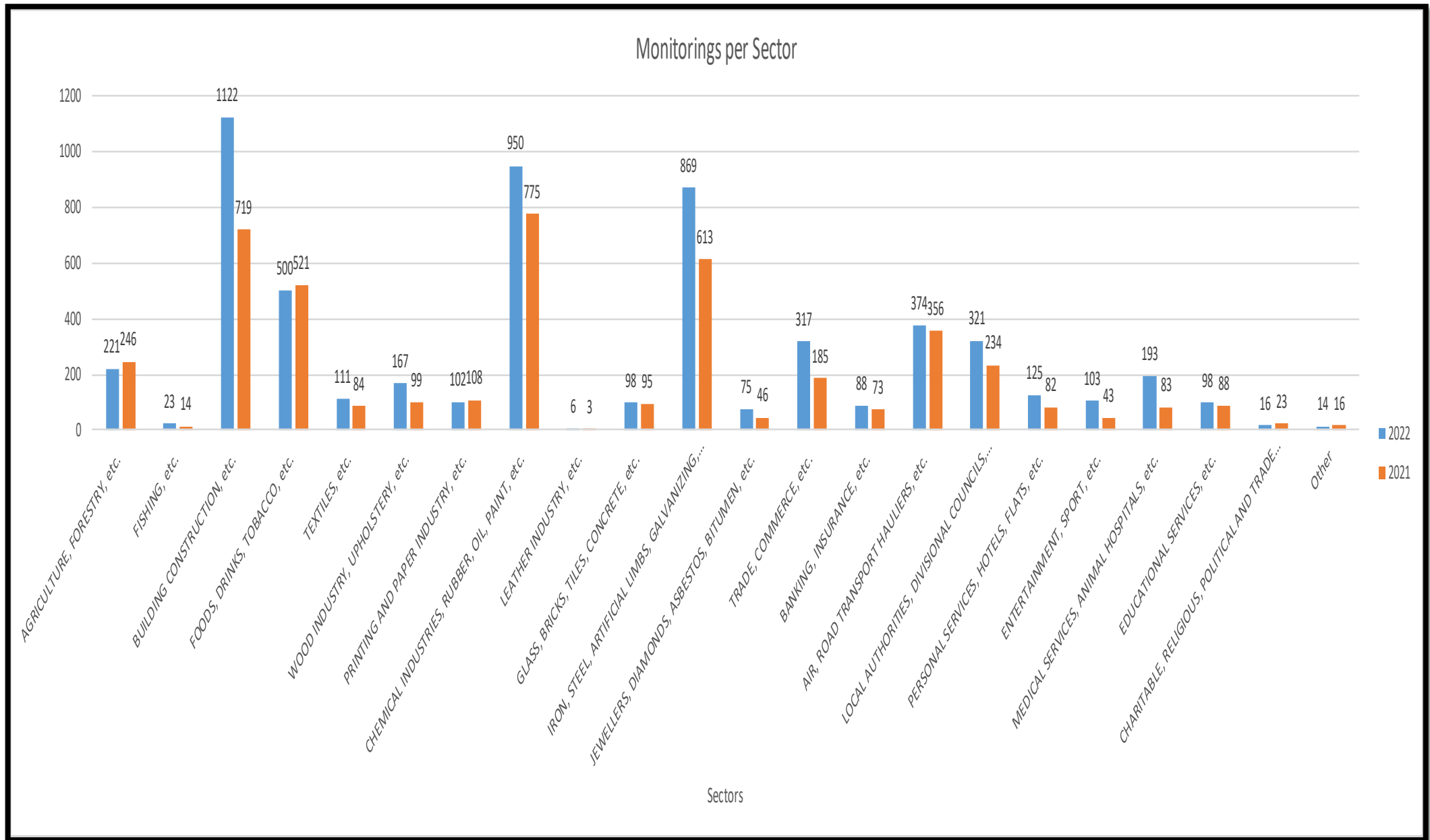
Additional information is also required on the number of employees in the workplace they conducted the survey, as well as the breakdown of males and females.

The statistics provided in this report are for the data reported by AIAs for the two financial years. 2020/2021 and 2021/22.

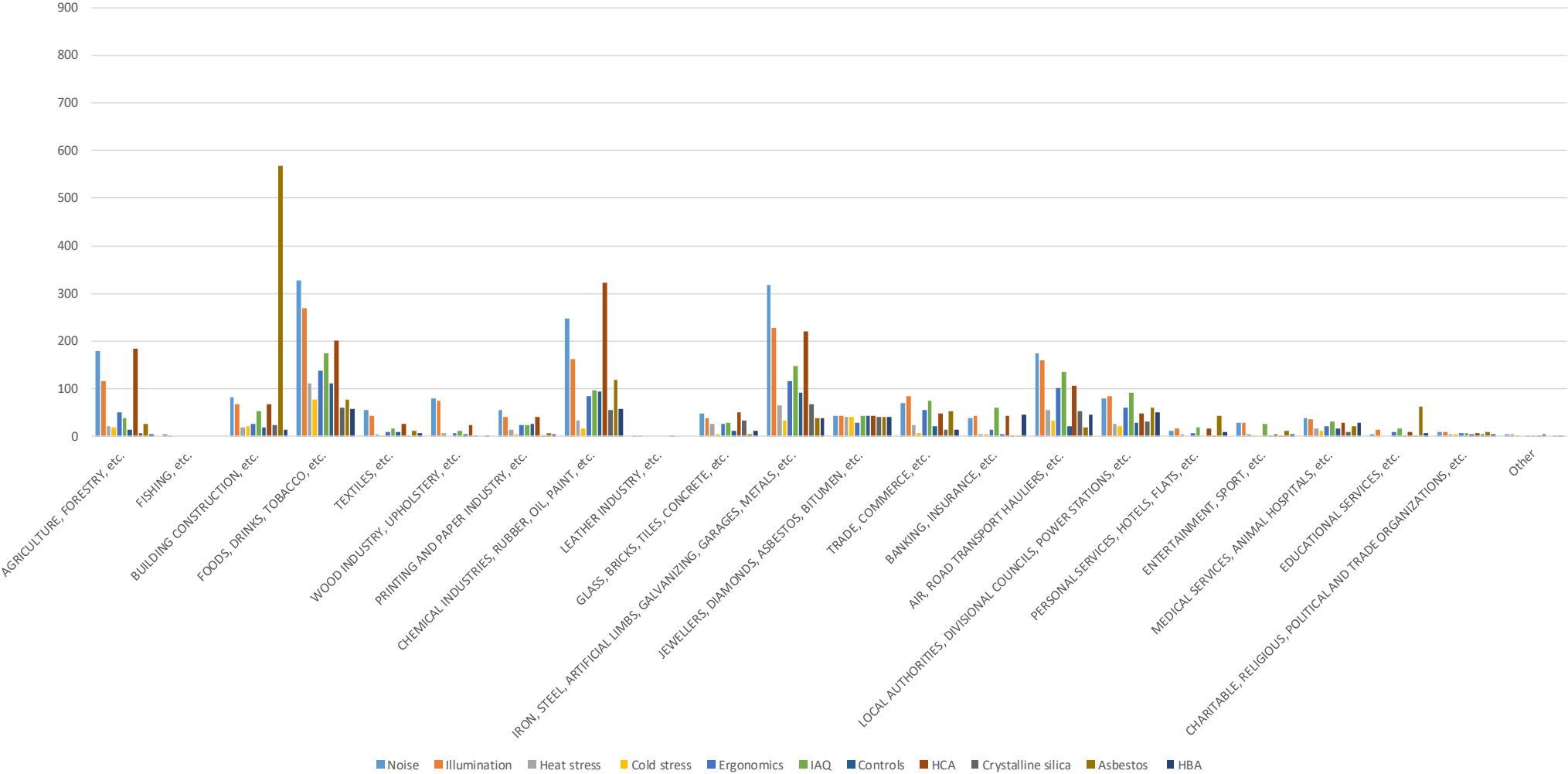
2. Number of exposure monitoring conducted



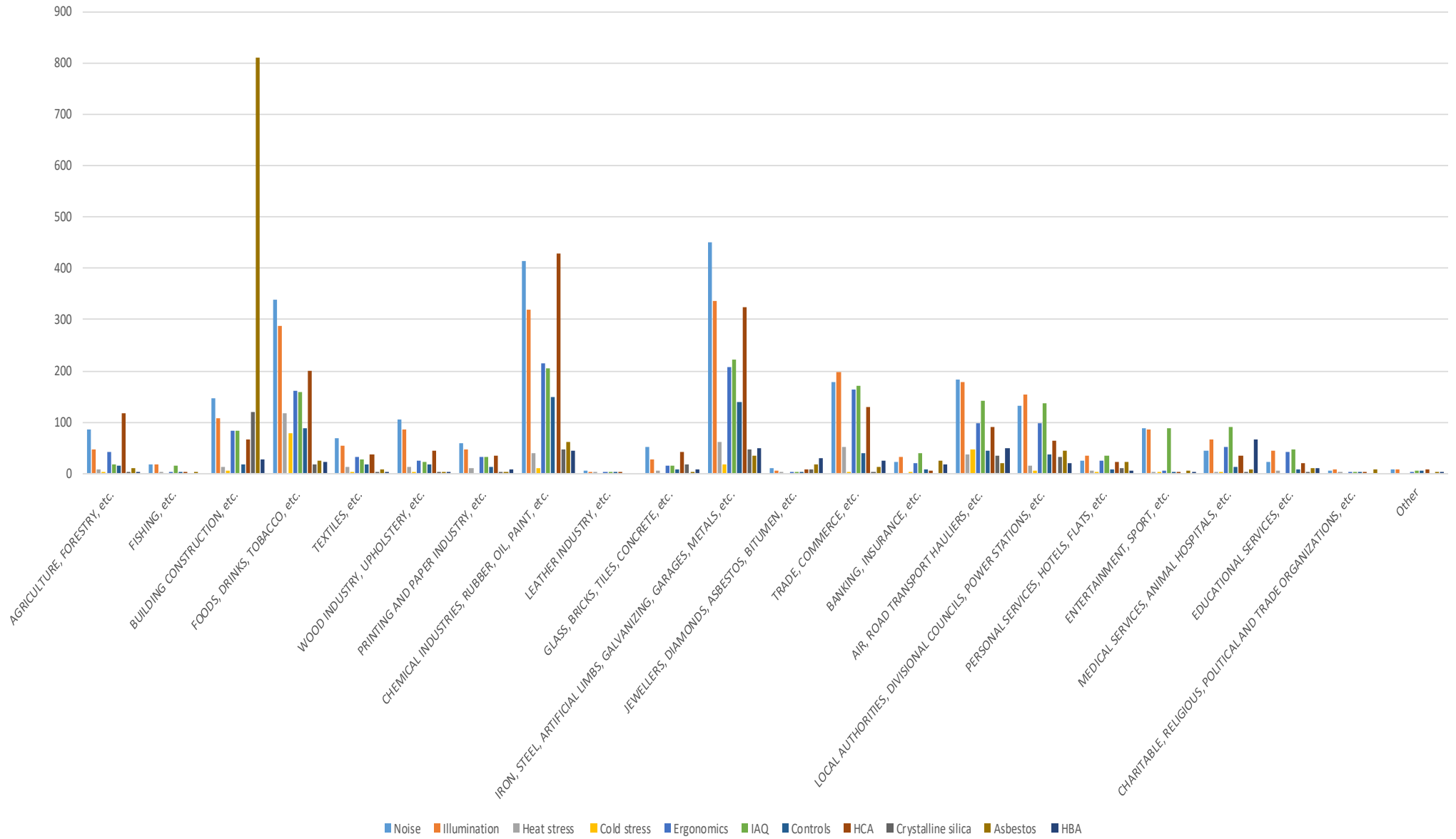
3. Number of exposure monitoring conducted per sector



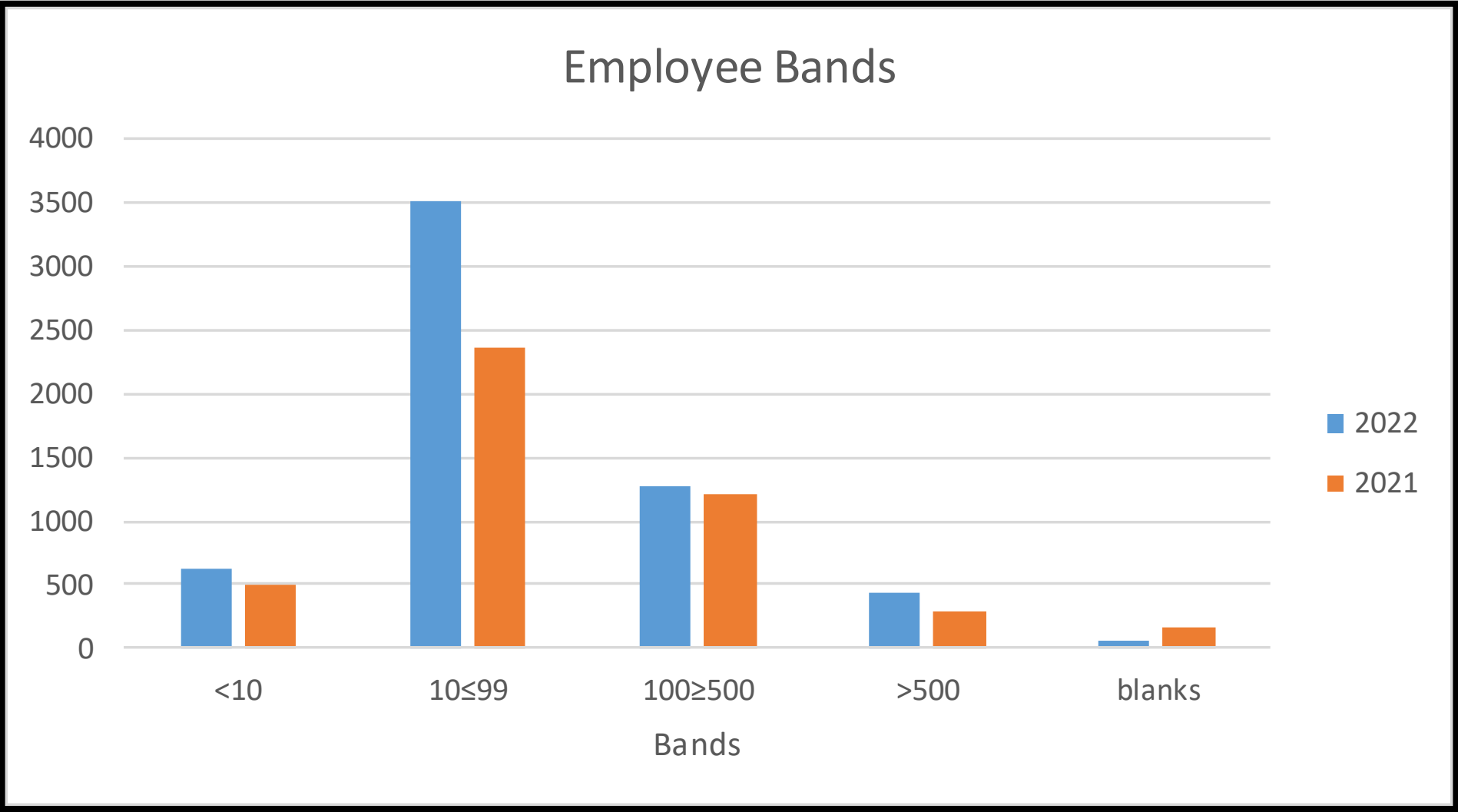
Sectors and Stressors Monitored 2021



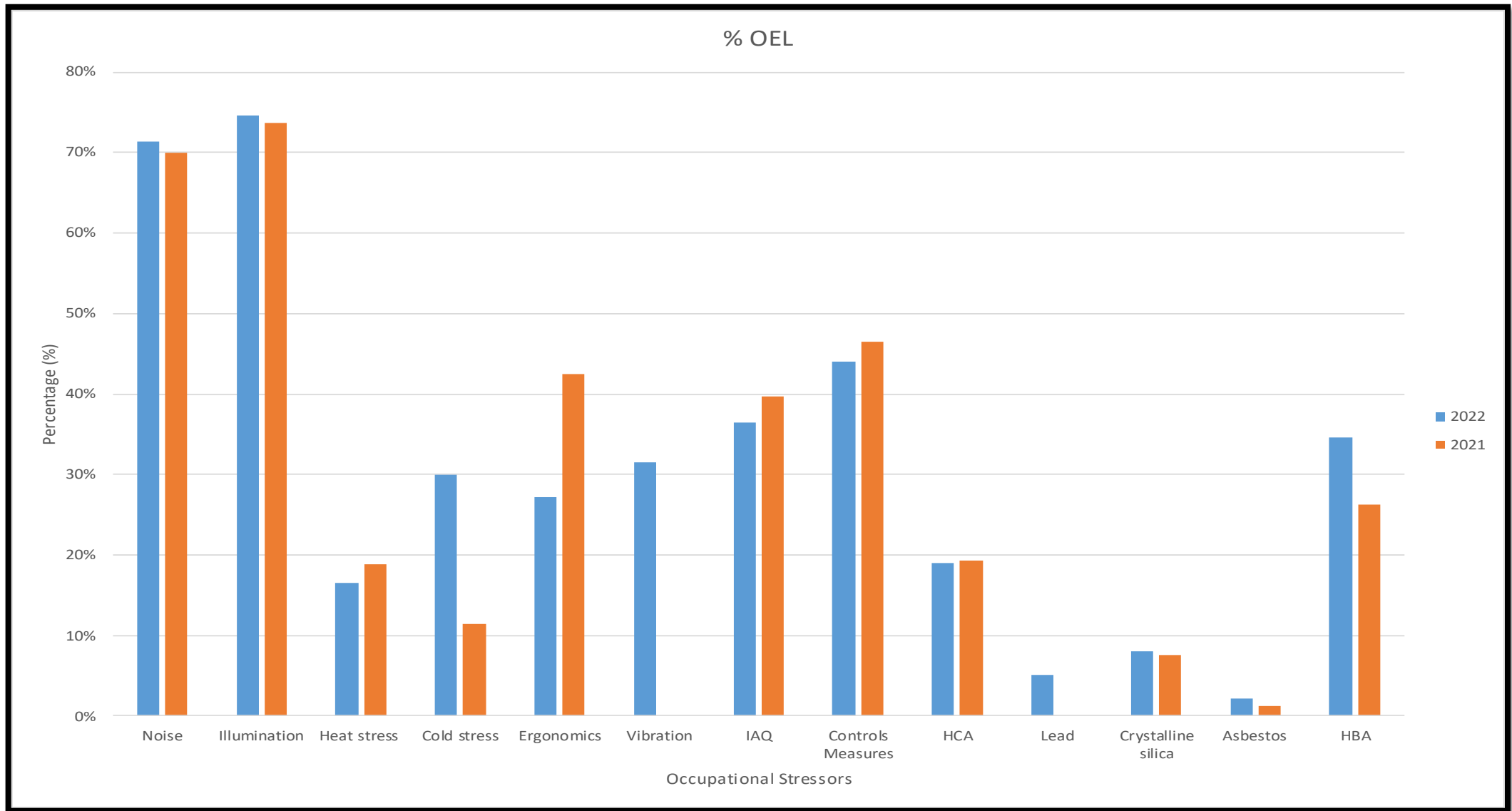
Sectors and Stressors Monitored 2022



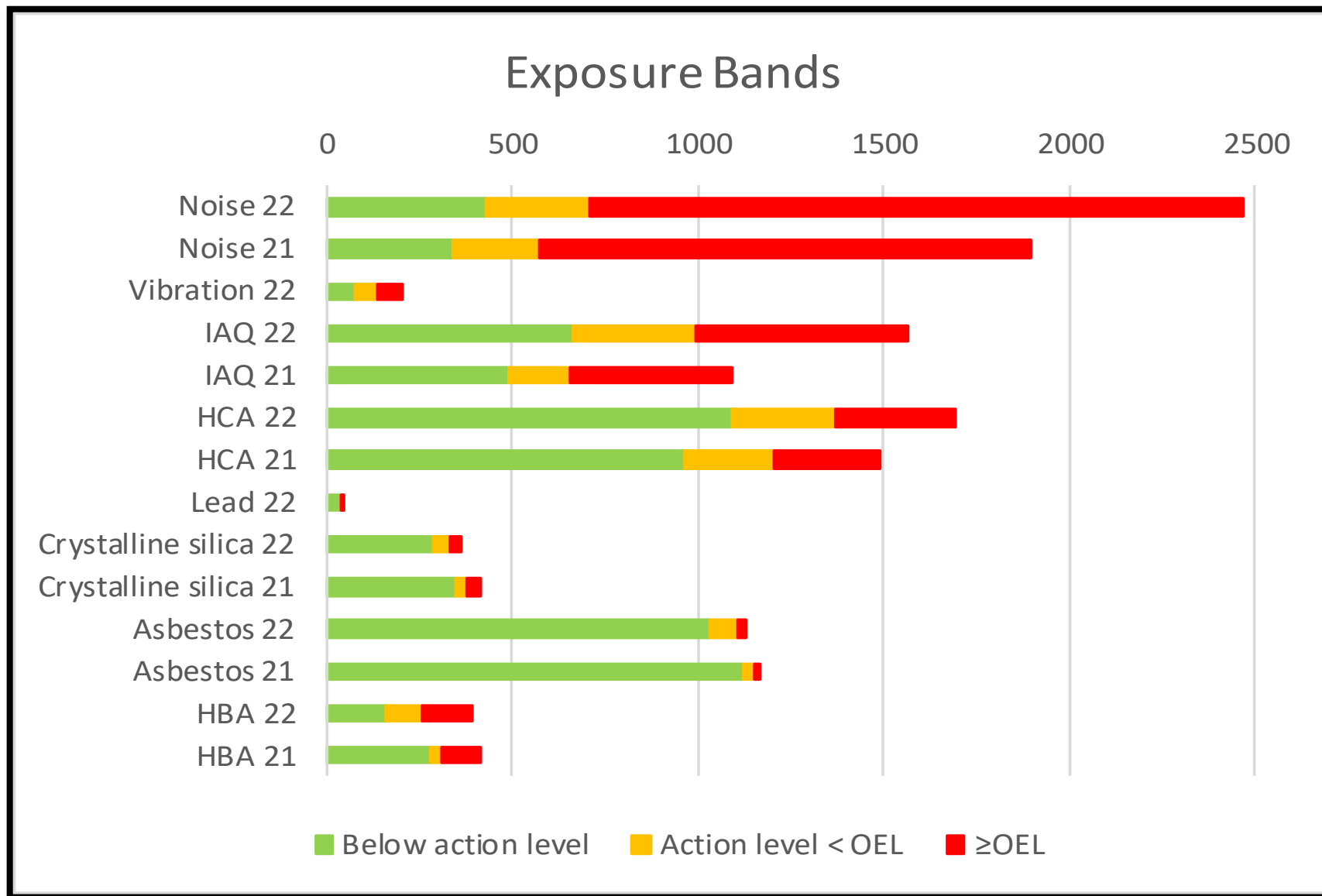
4. Employee bands



5. Percentage of results above OEL



6. Exposure bands per occupational stressors



Ergonomics

0 200 400 600 800 1000 1200 1400

Ergonomics 22

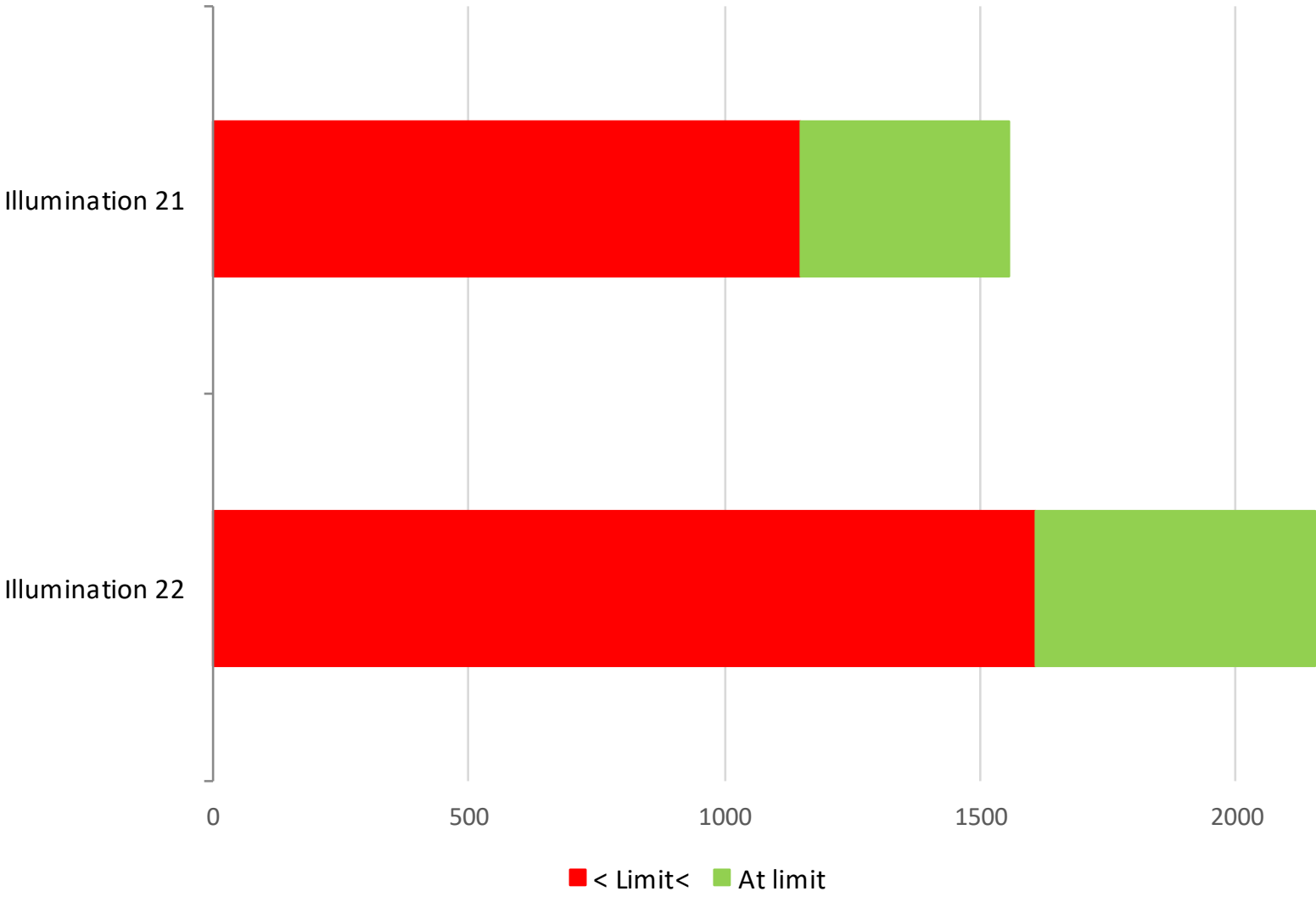


Ergonomics 21

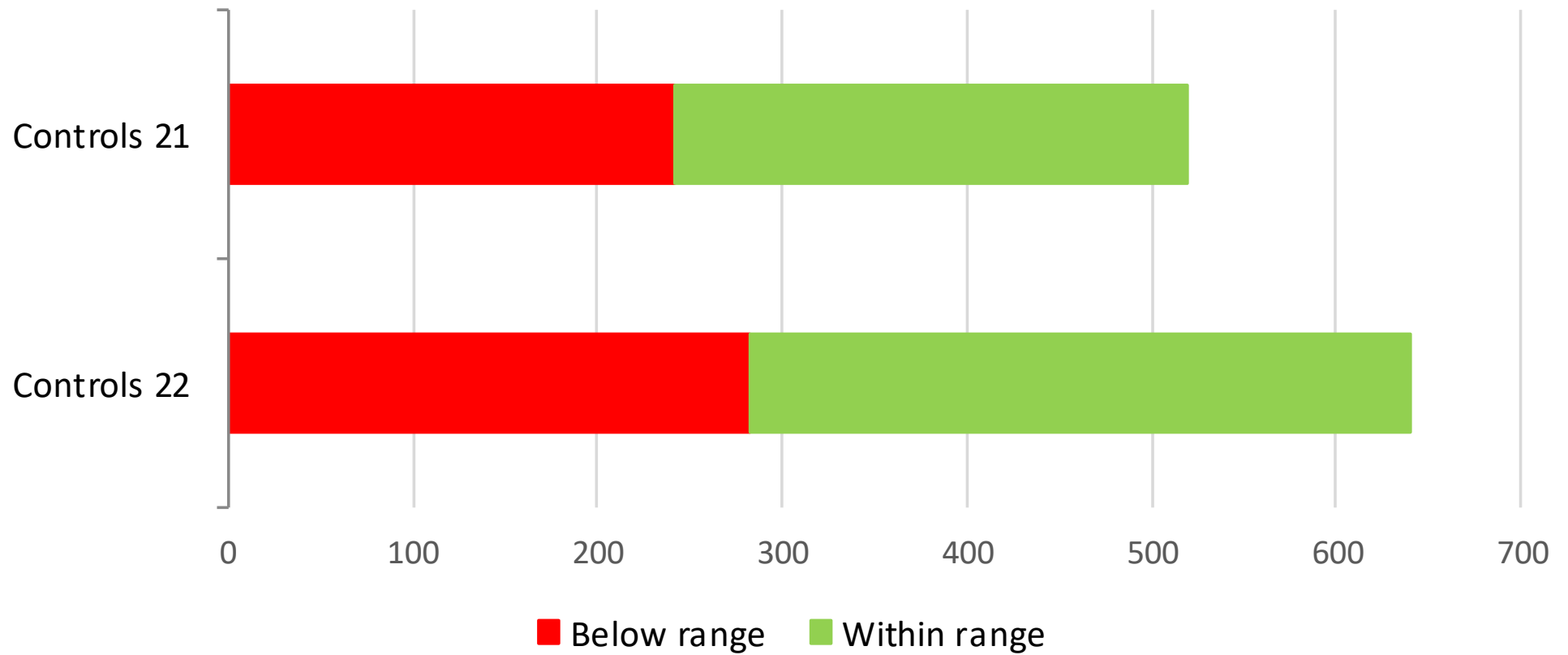


Low Medium High

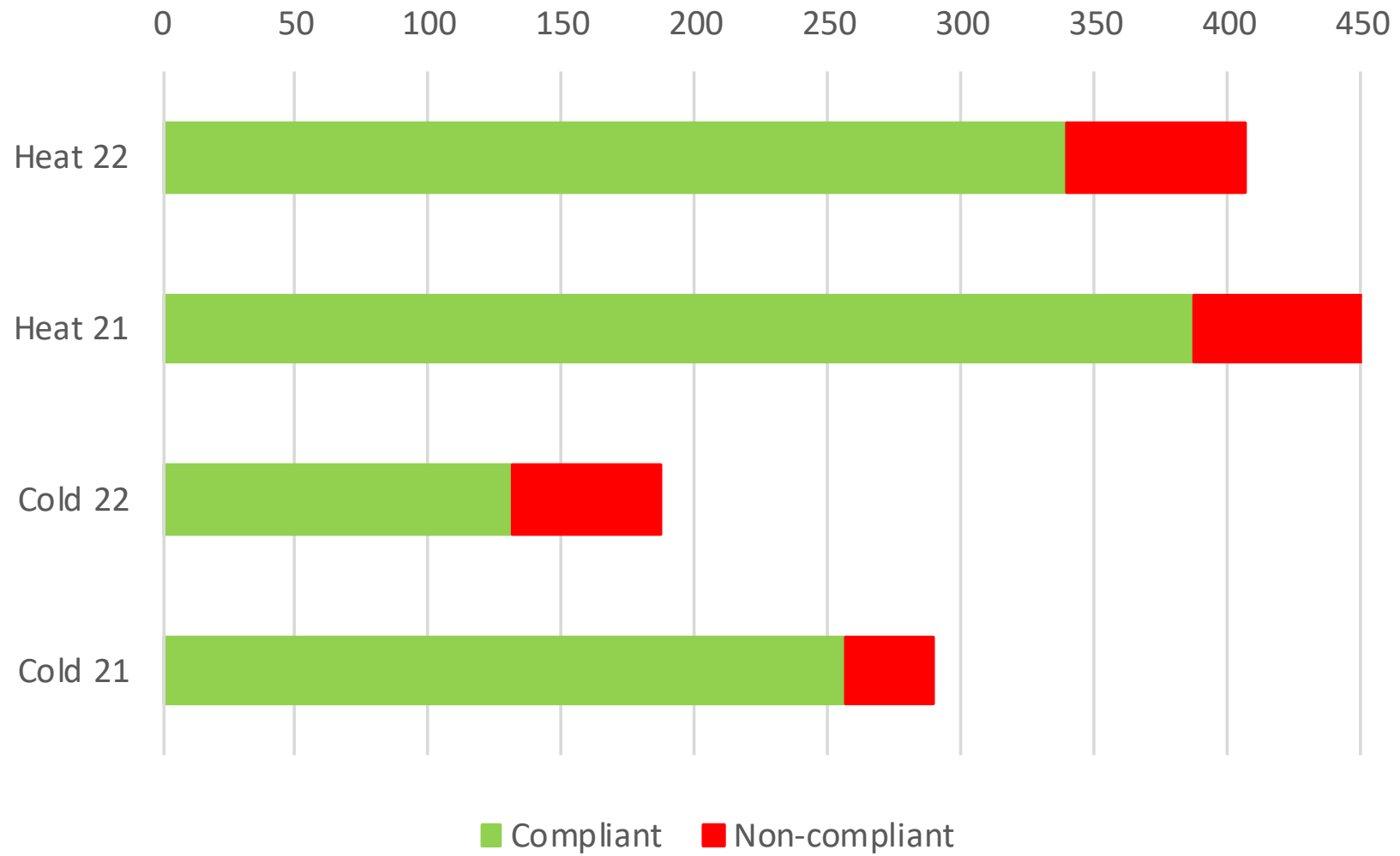
Illumination



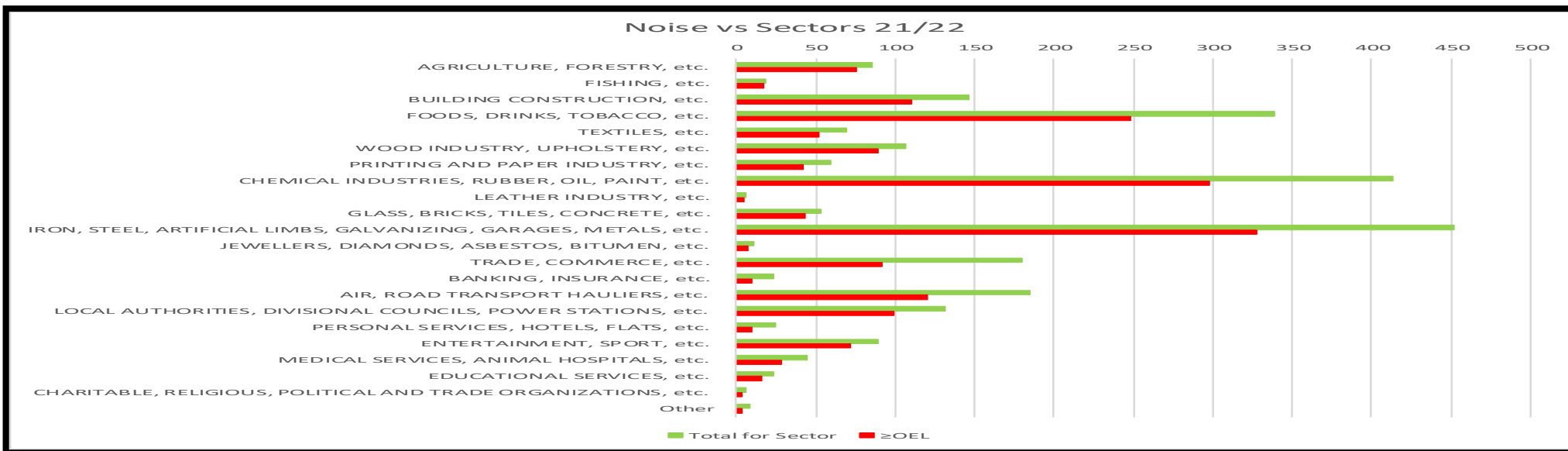
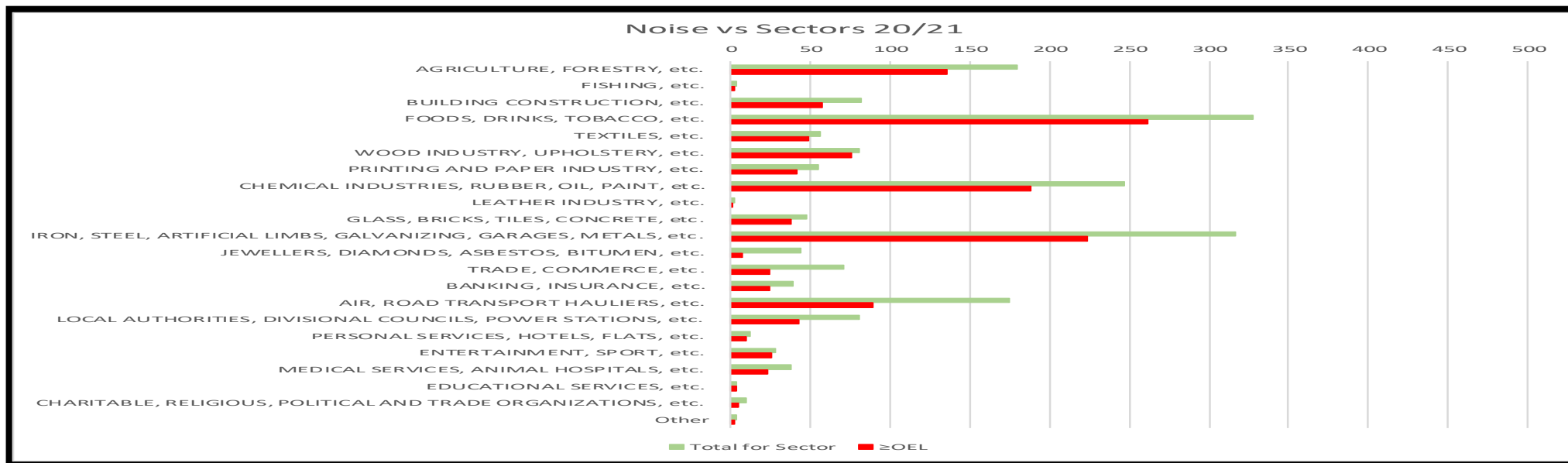
Control Measures

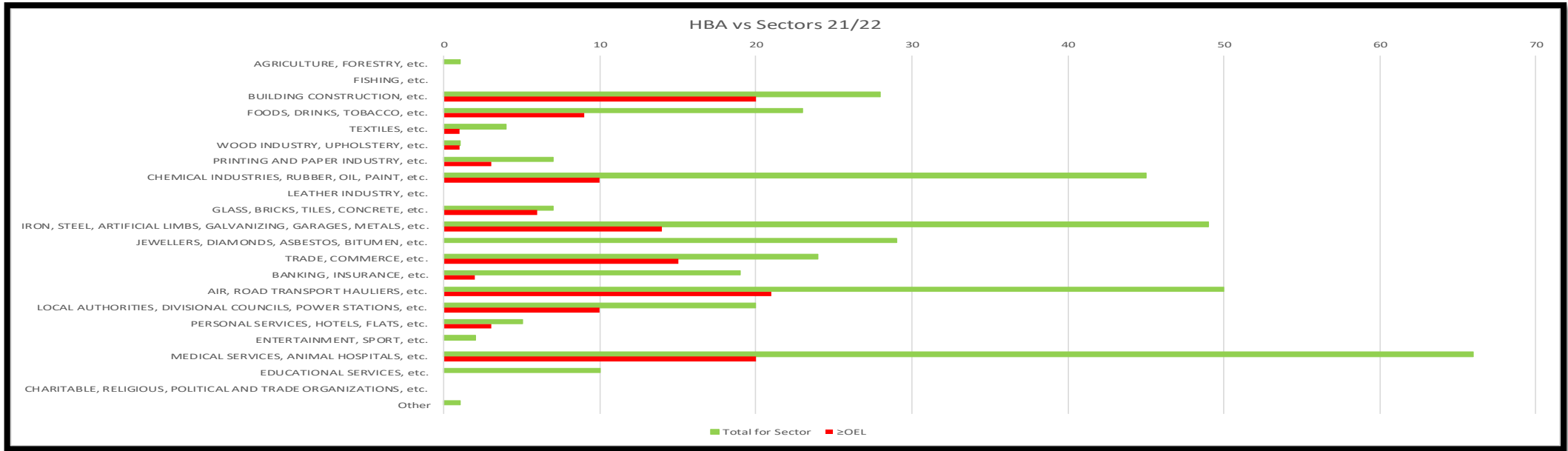
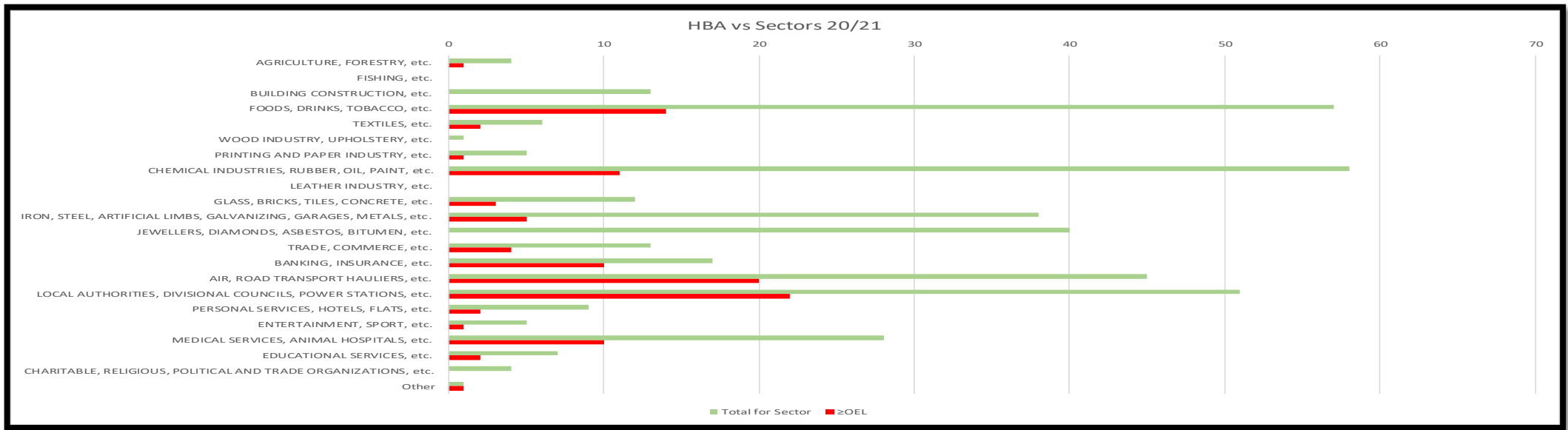


Heat & Cold Stress

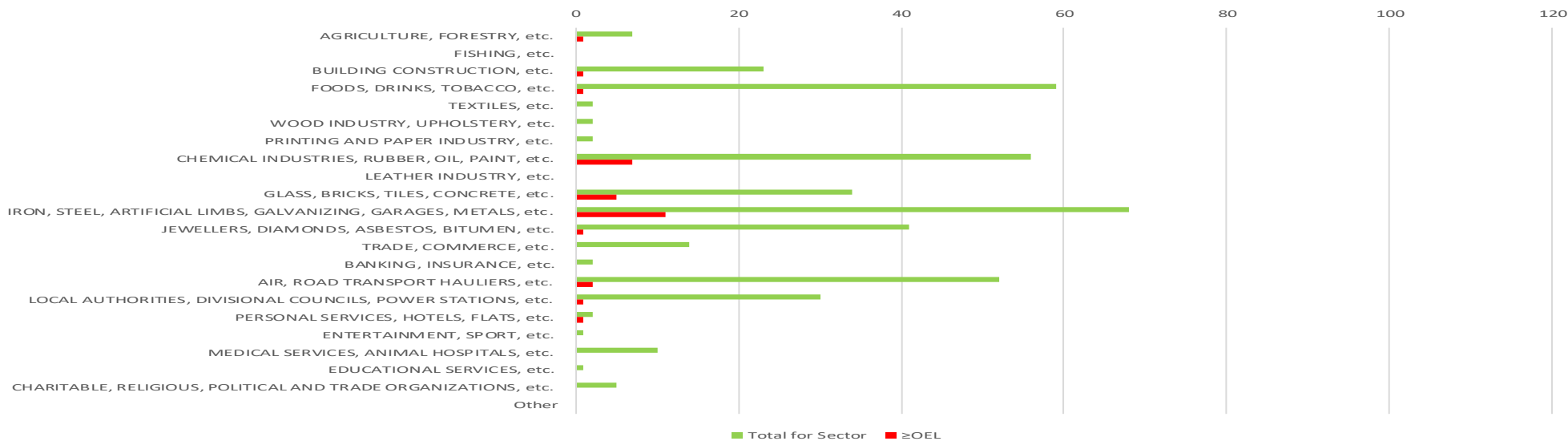


7. Occupational stressors per sectors

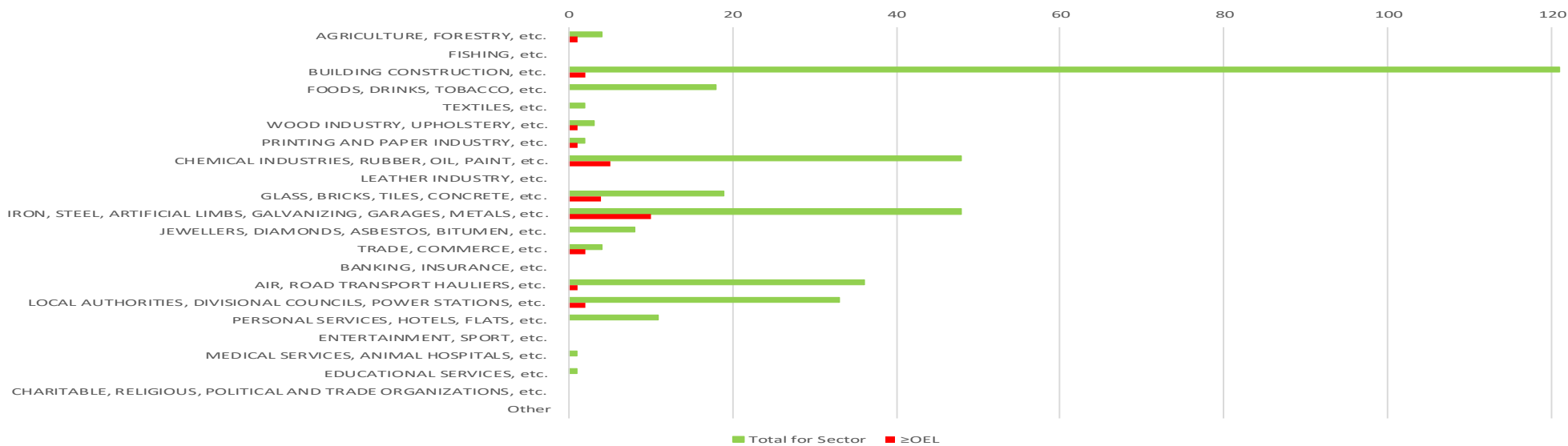


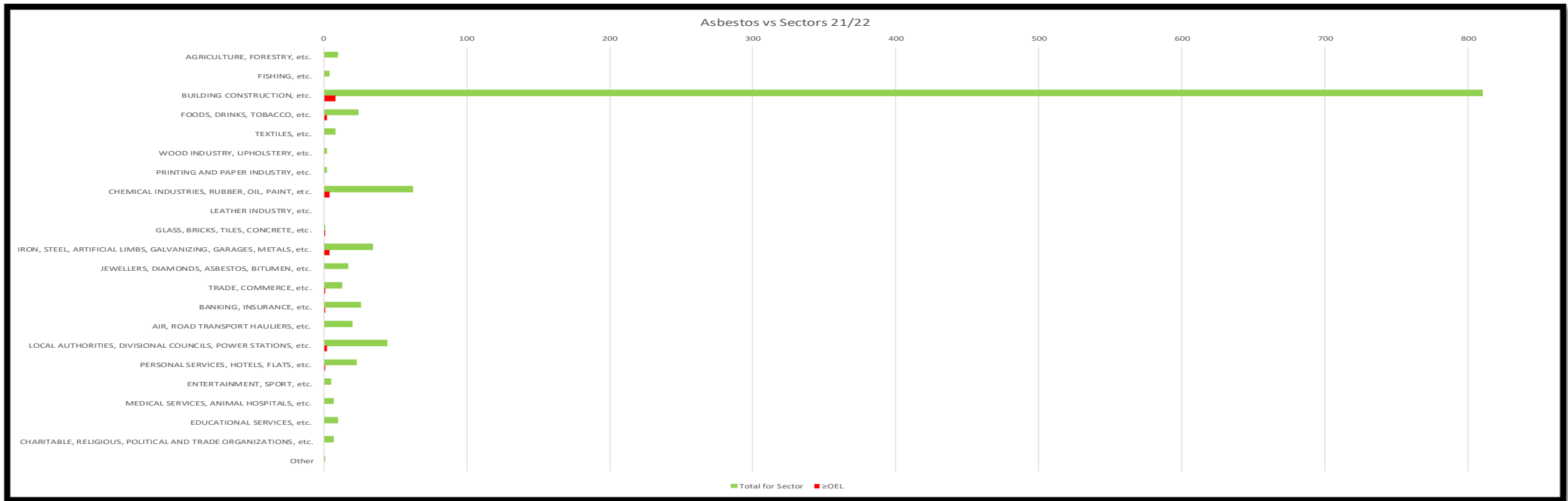
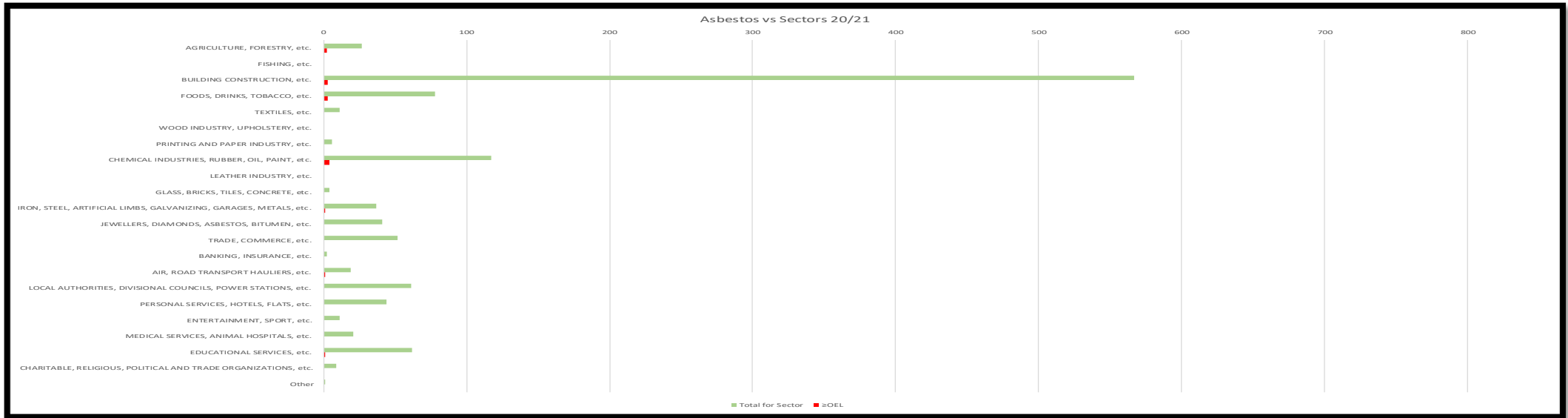


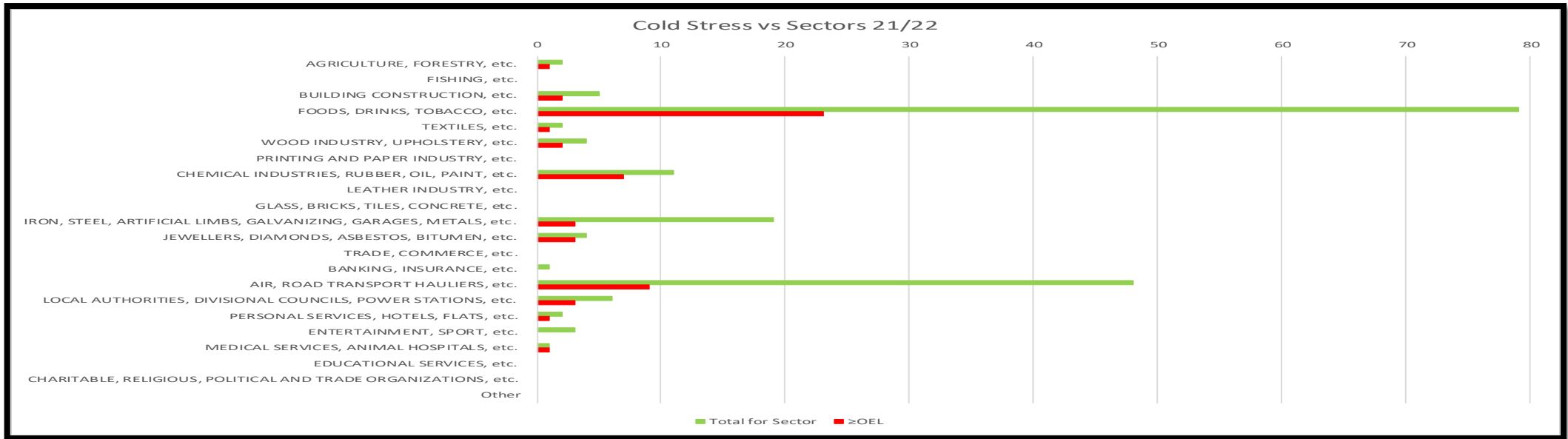
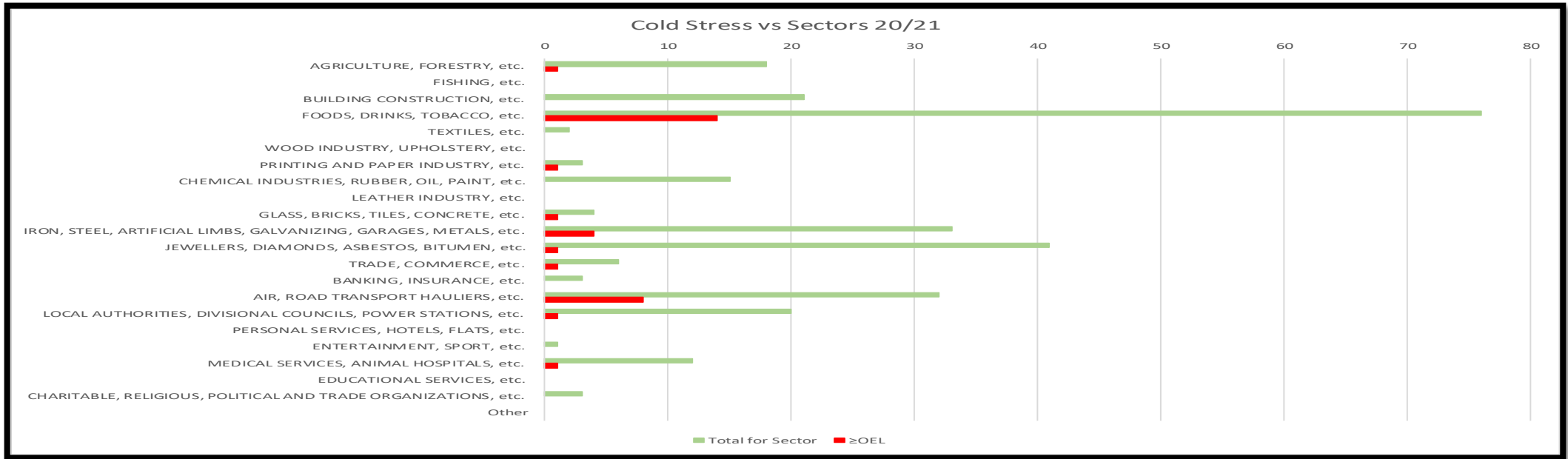
Crystalline silica vs Sectors 20/21

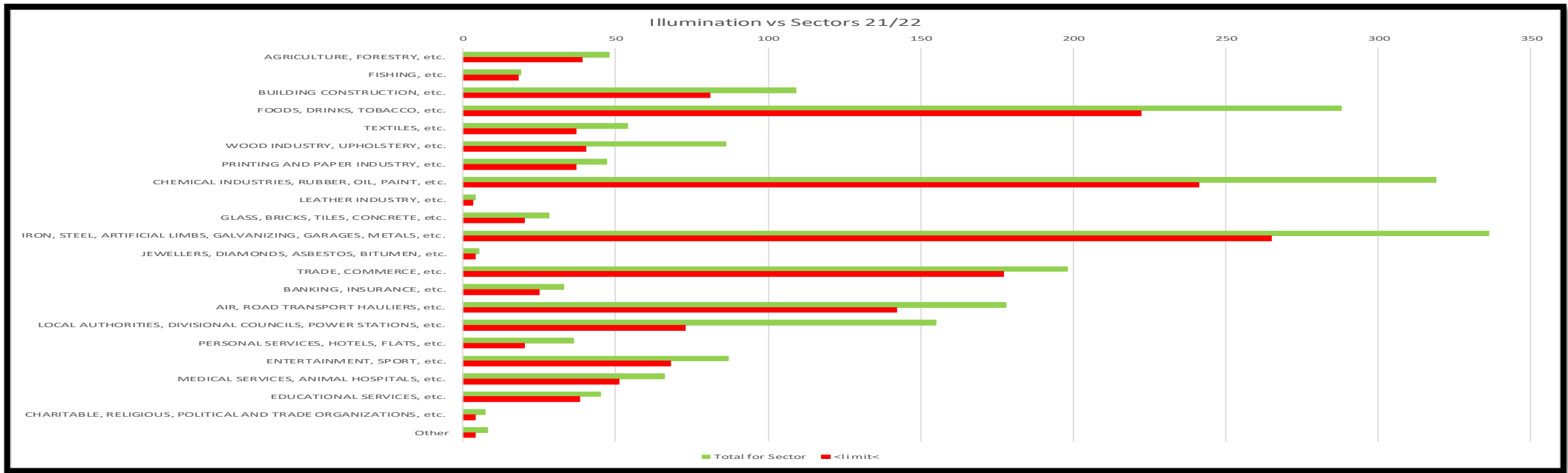
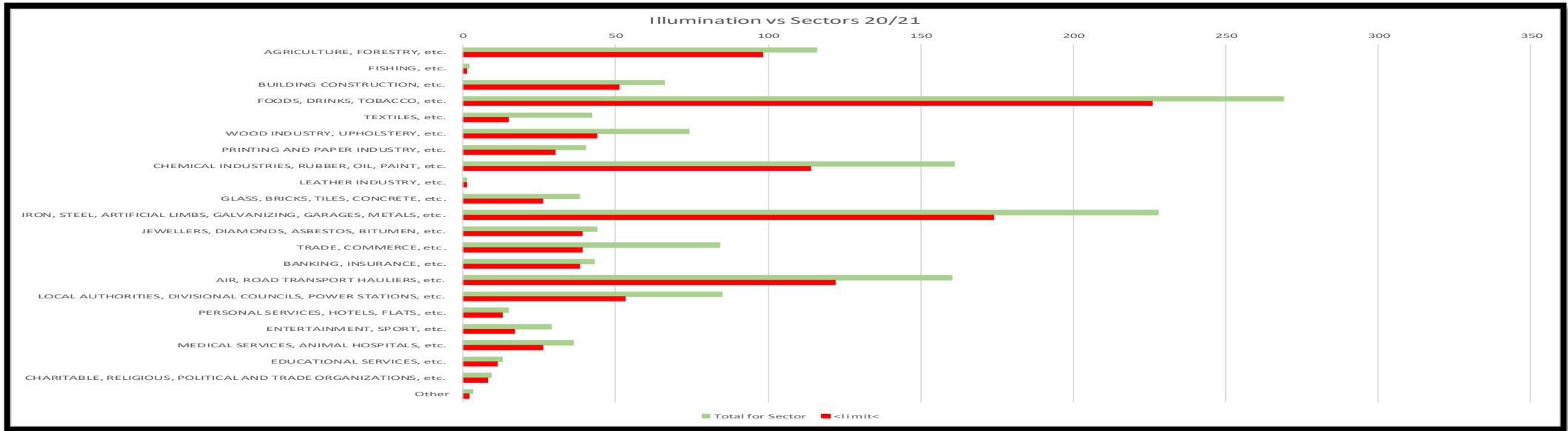


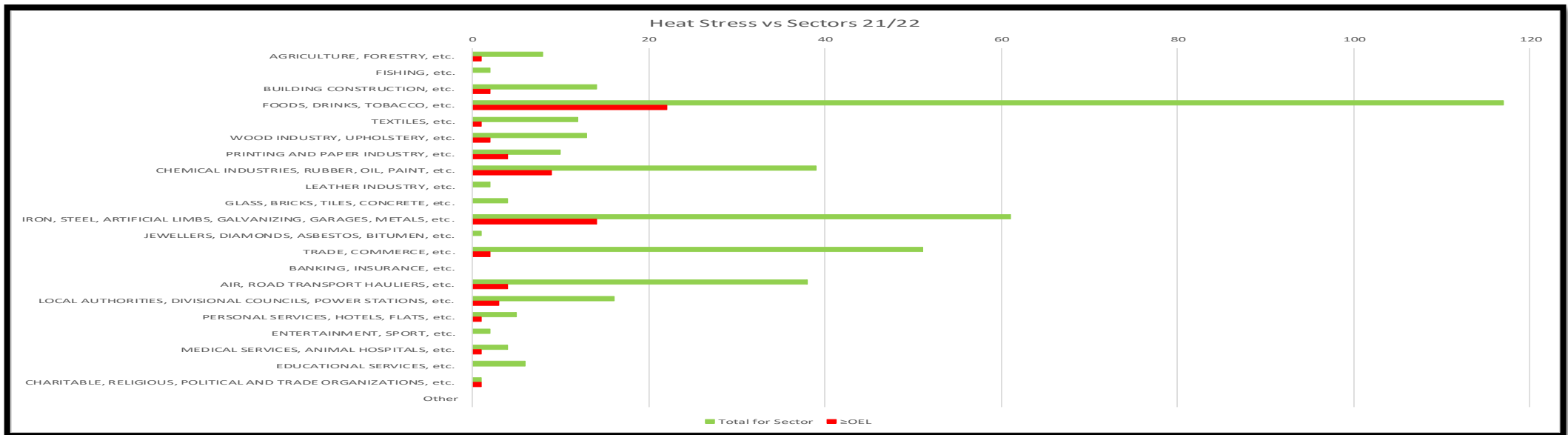
Crystalline silica vs Sectors 21/22

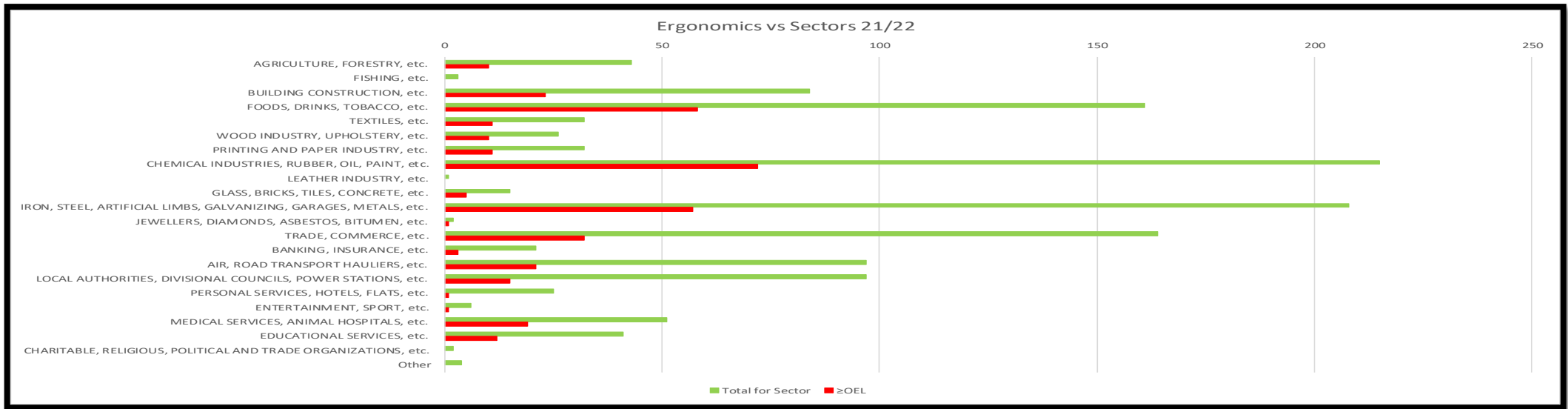
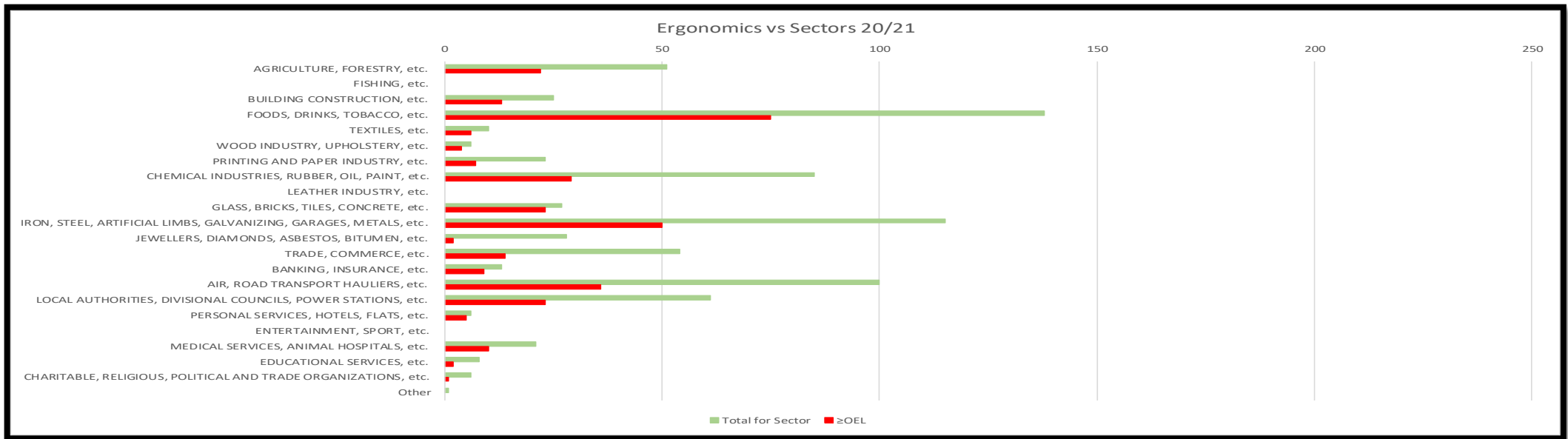




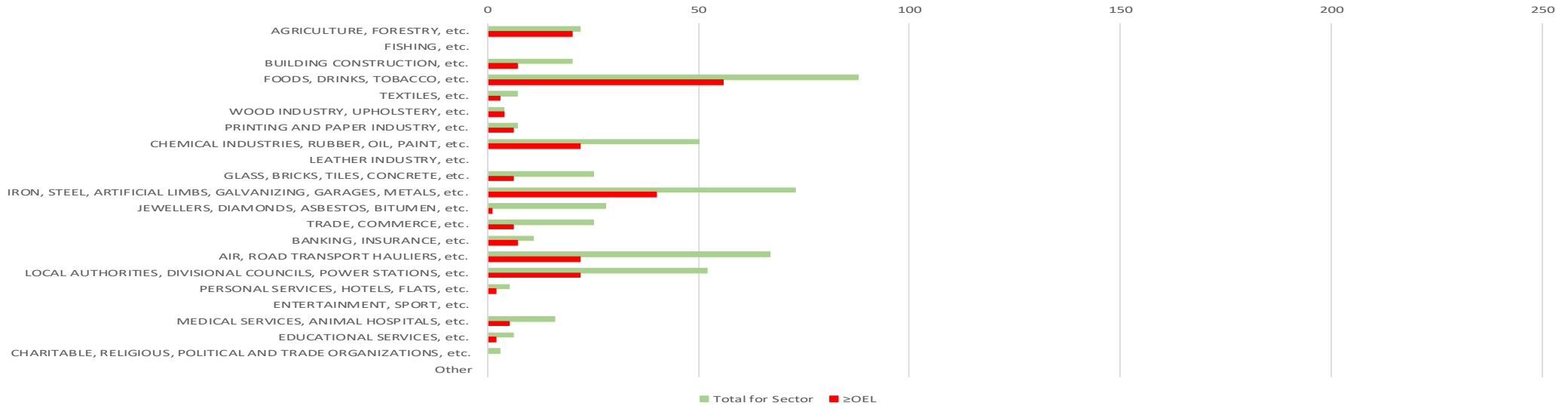




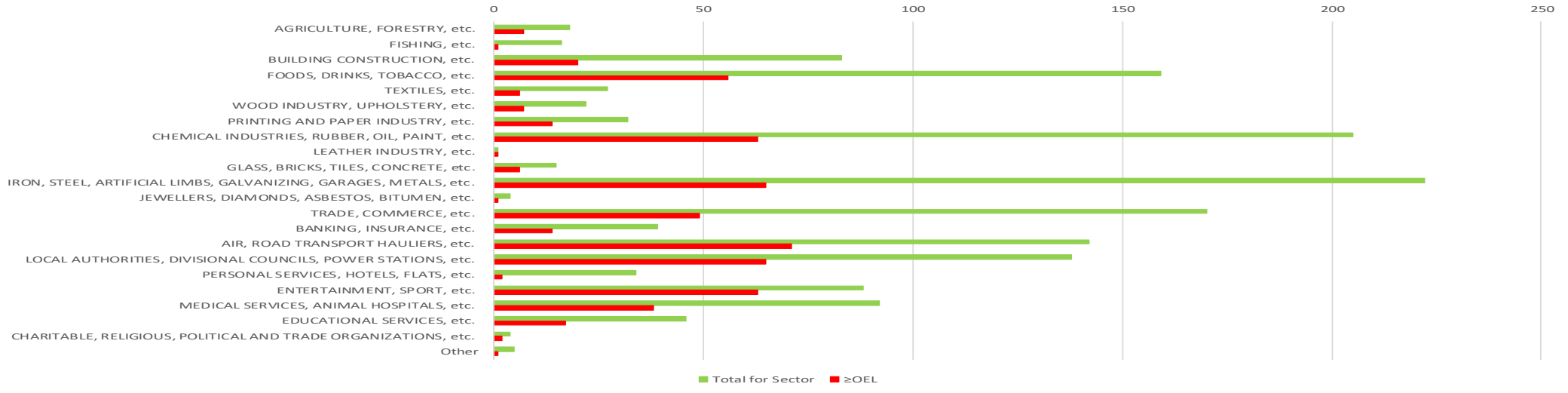


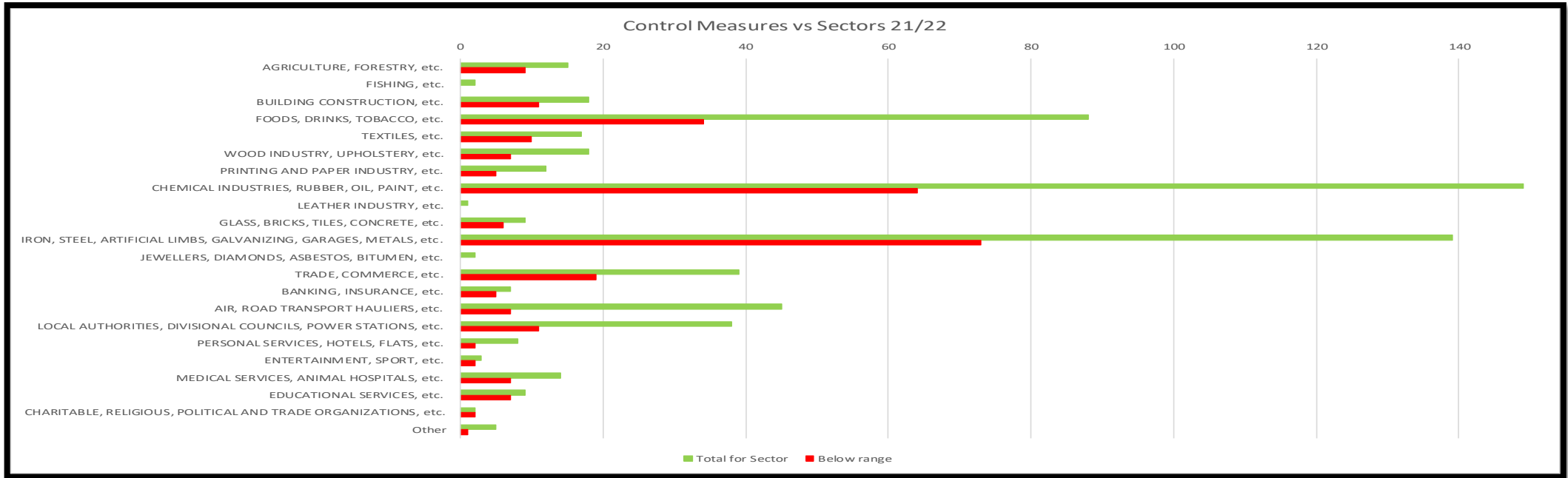
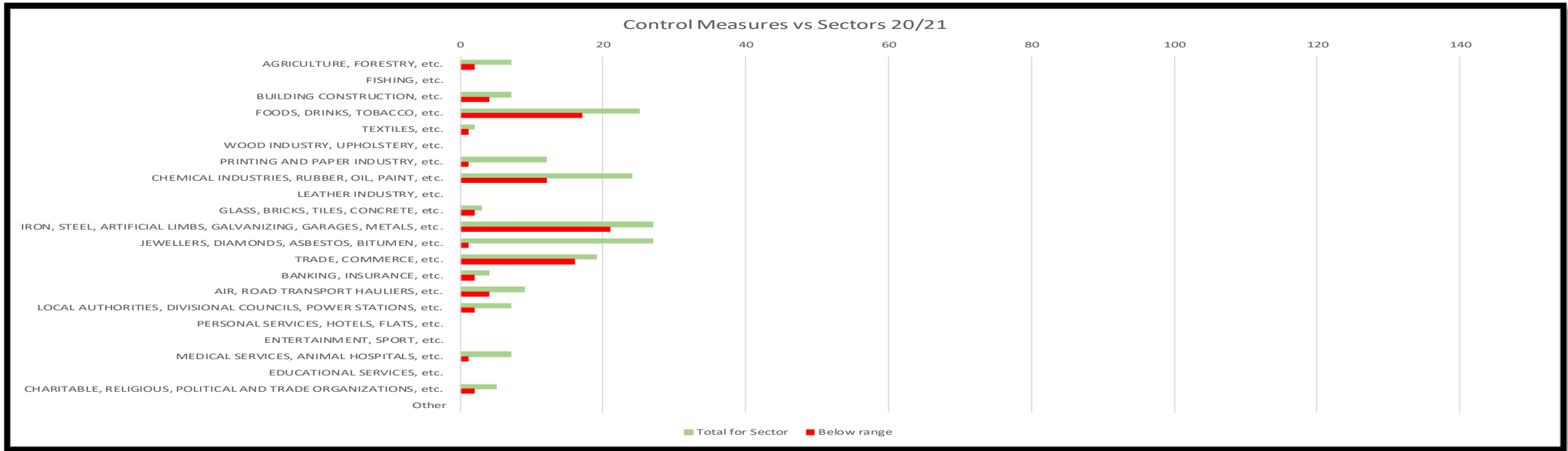


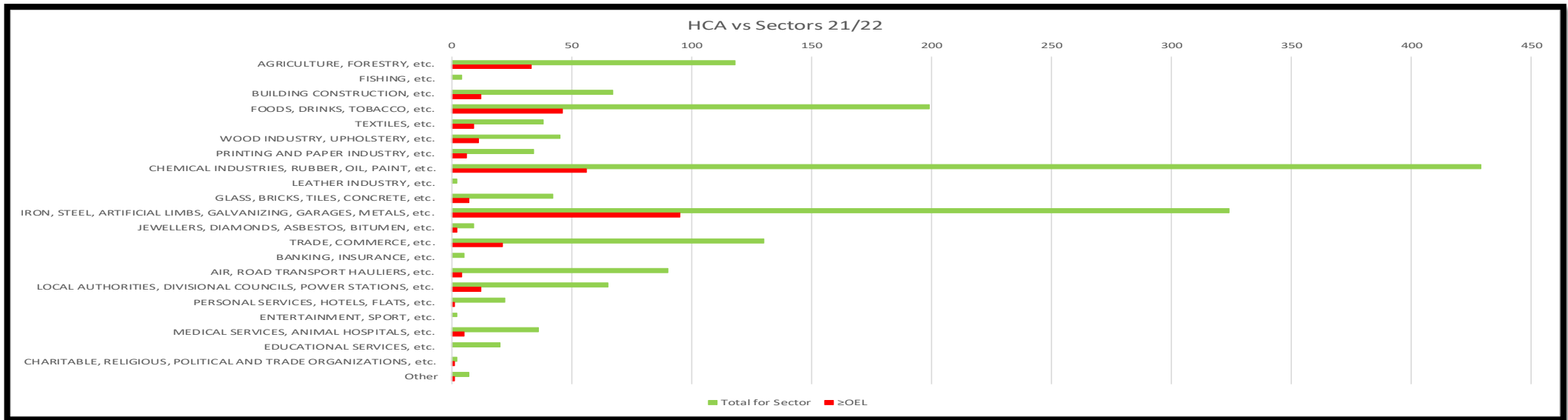
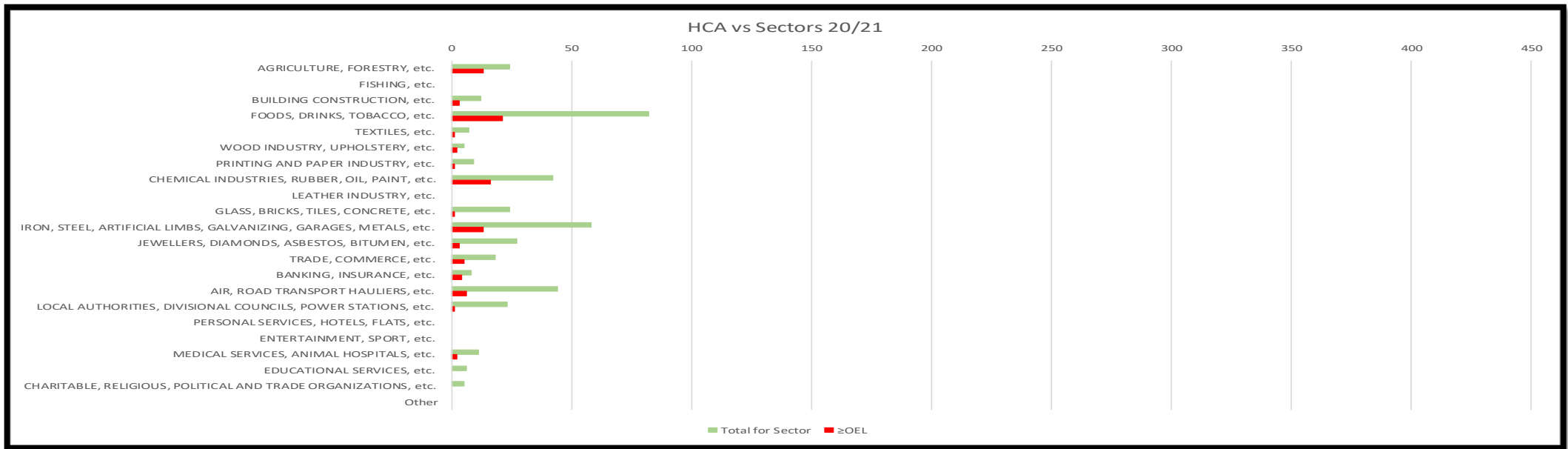
IAQ vs Sectors 20/21

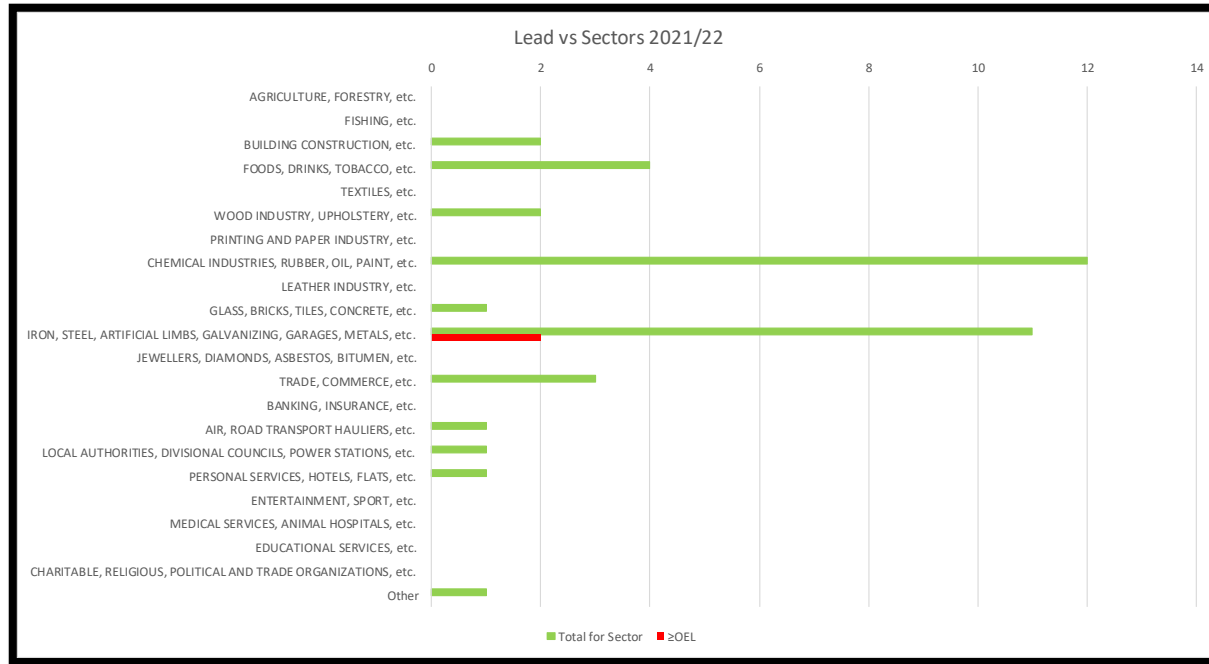


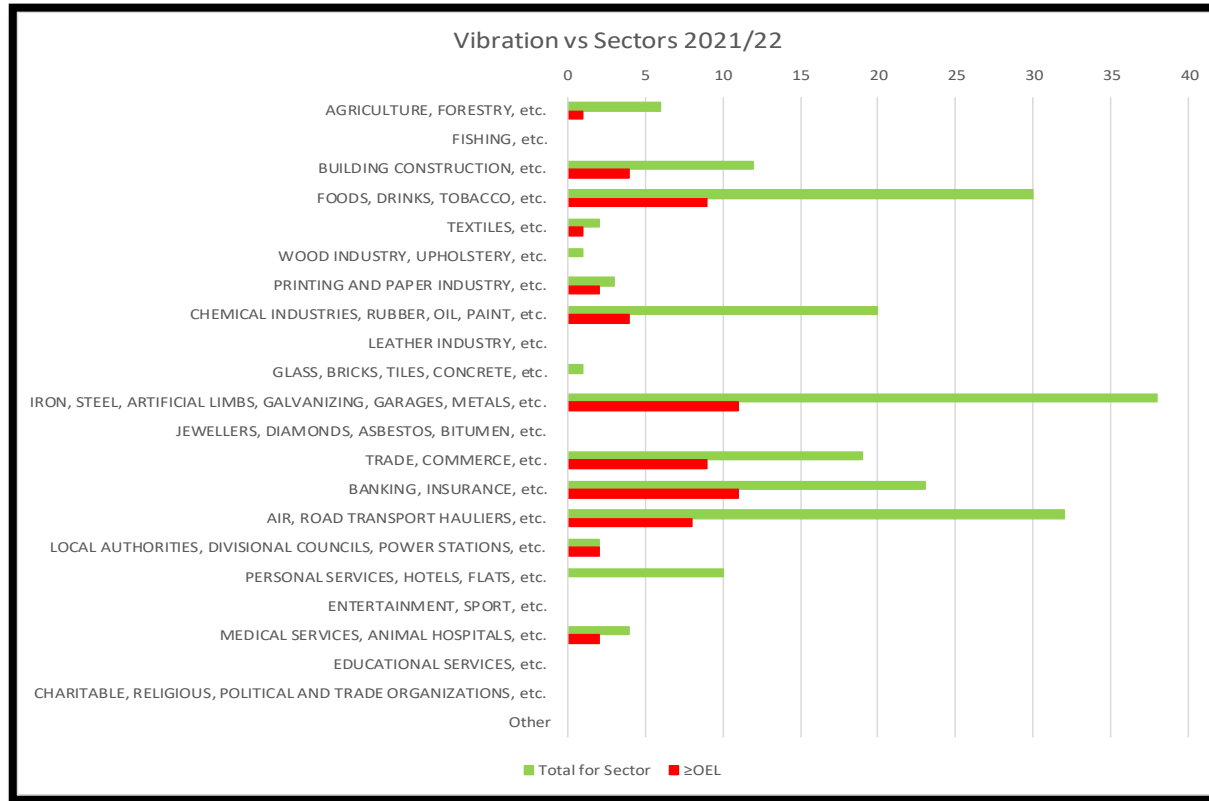
IAQ vs Sectors 21/22











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