

# MOSH

## Launch of the Muffling of Pneumatic Handheld Tools Leading Practice

### Occupational Health Performance -Noise

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**mineral &  
petroleum resources**

Department:  
Mineral and Petroleum Resources  
REPUBLIC OF SOUTH AFRICA

A **NATION**   
THAT **WORKS**  **FOR ALL**



# ***OUTLINE***

## ***Background***

### ***ELIMINATION OF NIHL***

Employee Personal Exposures

NIHL – Cases

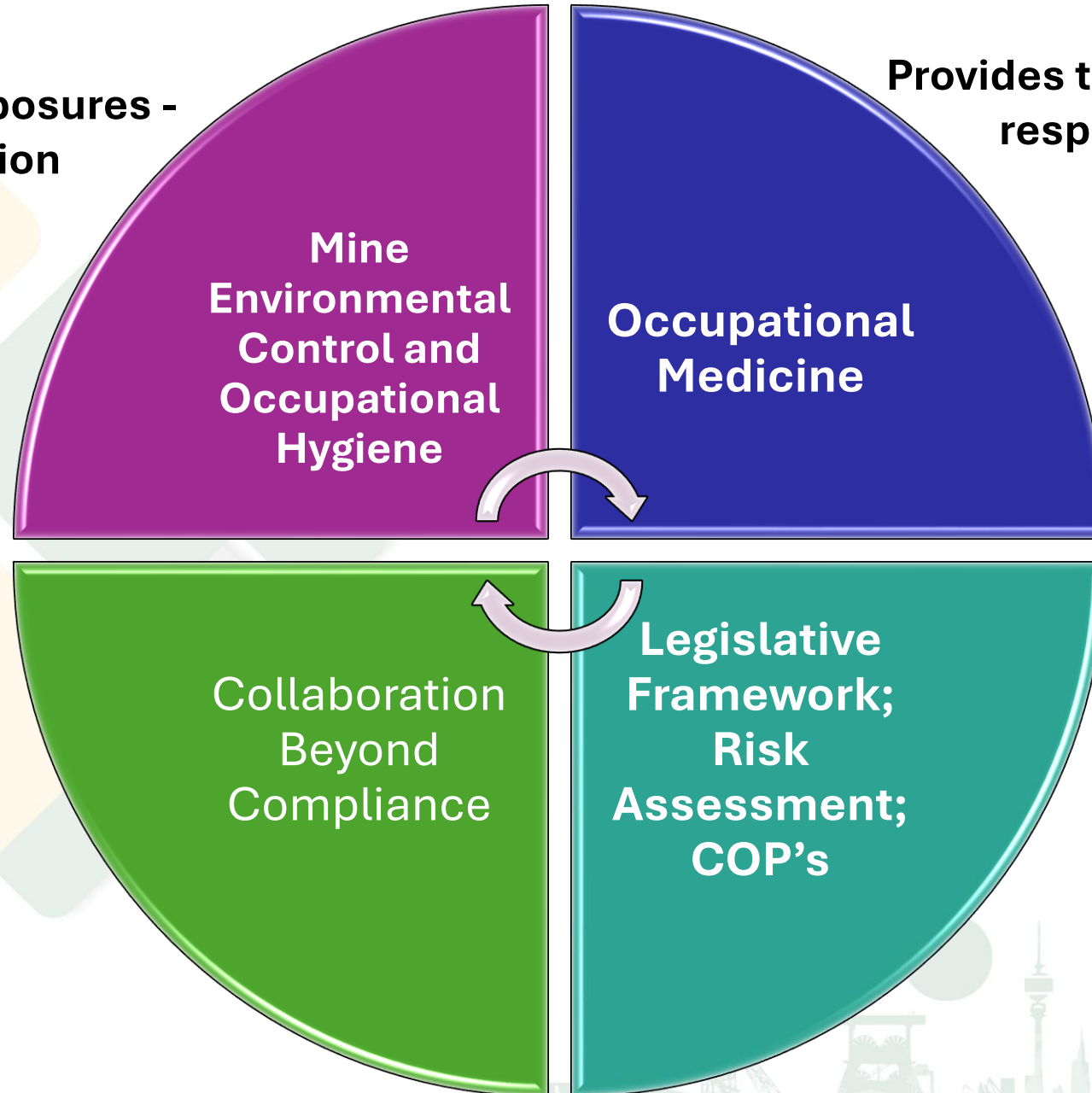
Top 10 occupations

Top 10 compensated occupations

## ***Conclusion***



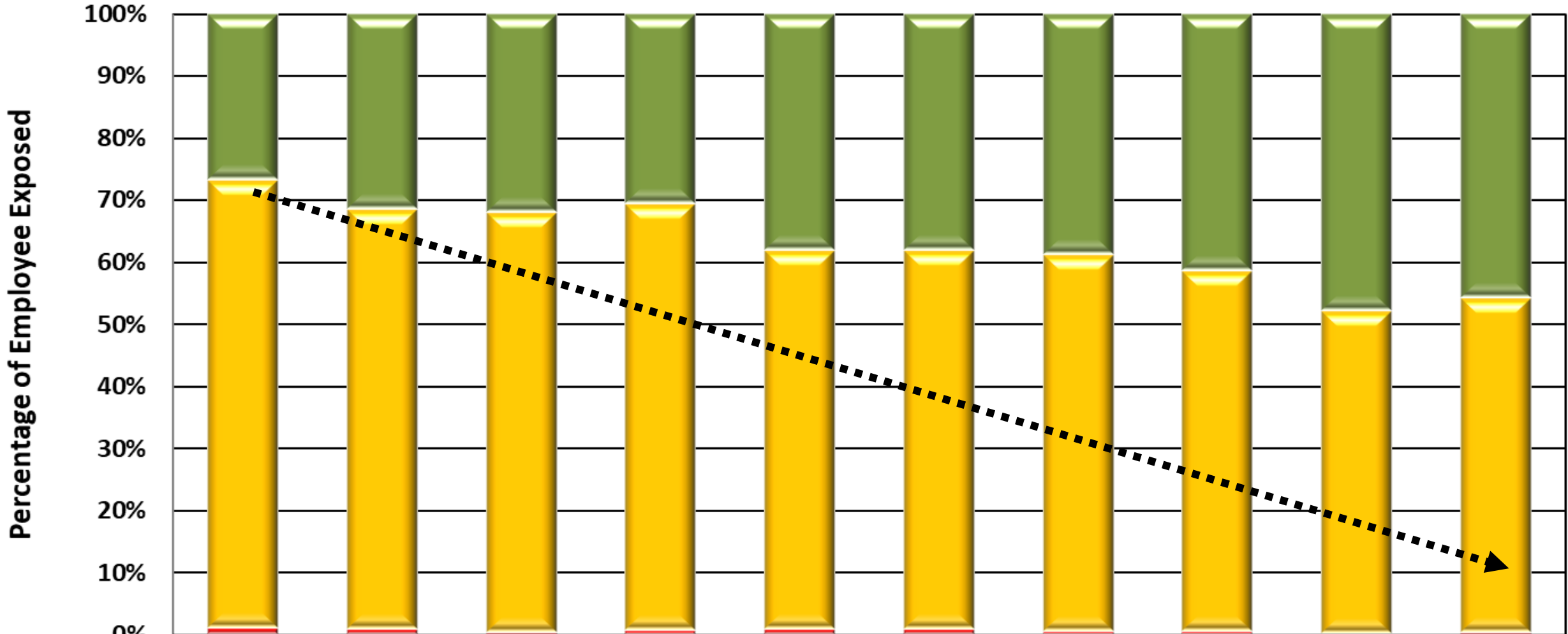
**Provides Hazardous Exposures -  
Environmental Foundation**



**Provides the clinical  
response**

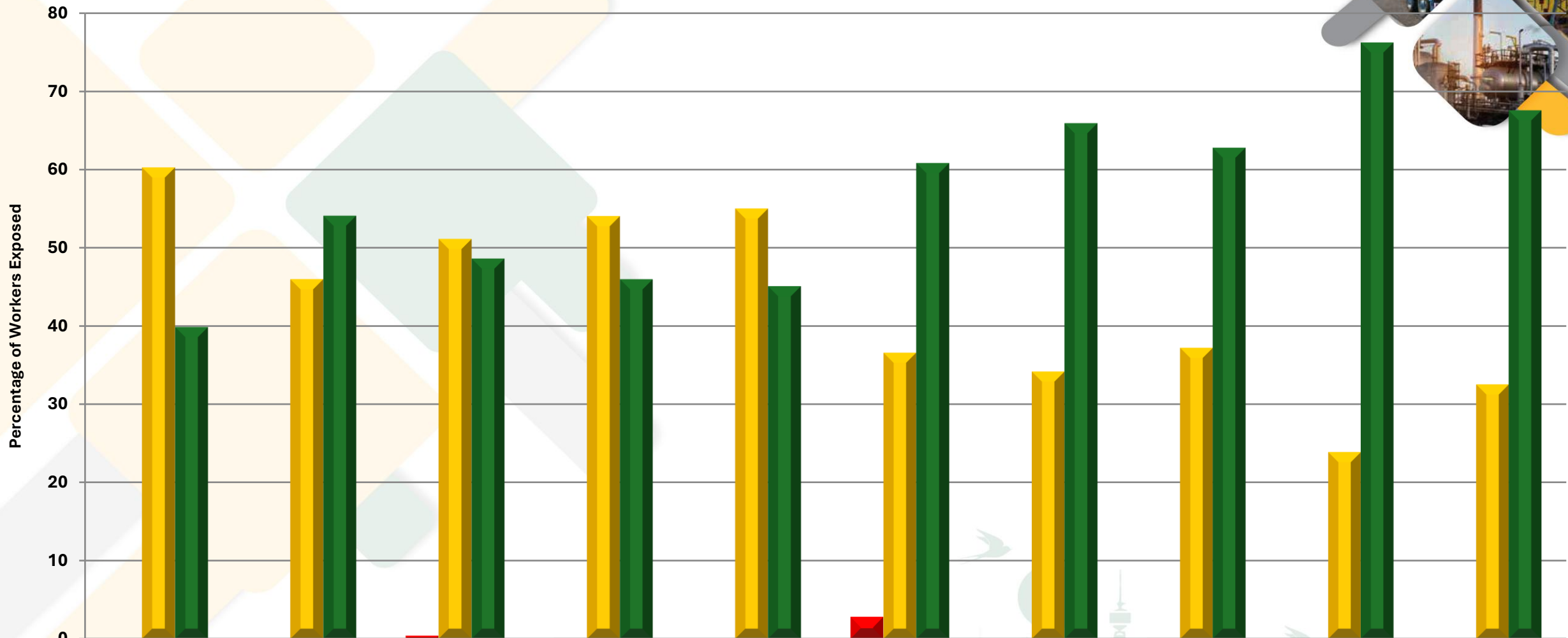


# Elimination of NIHL – Exposures



	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
■ HEG C	26,89	31,61	32,15	30,62	38,24	38,24	38,80	41,45	47,85	45,76
■ HEG B	72,16	67,51	67,62	68,70	60,90	60,90	60,68	58,14	51,97	53,94
■ HEG A	0,96	0,87	0,22	0,67	0,87	0,87	0,51	0,41	0,18	0,29

# Elimination of NIHL – Northern Cape Exposures

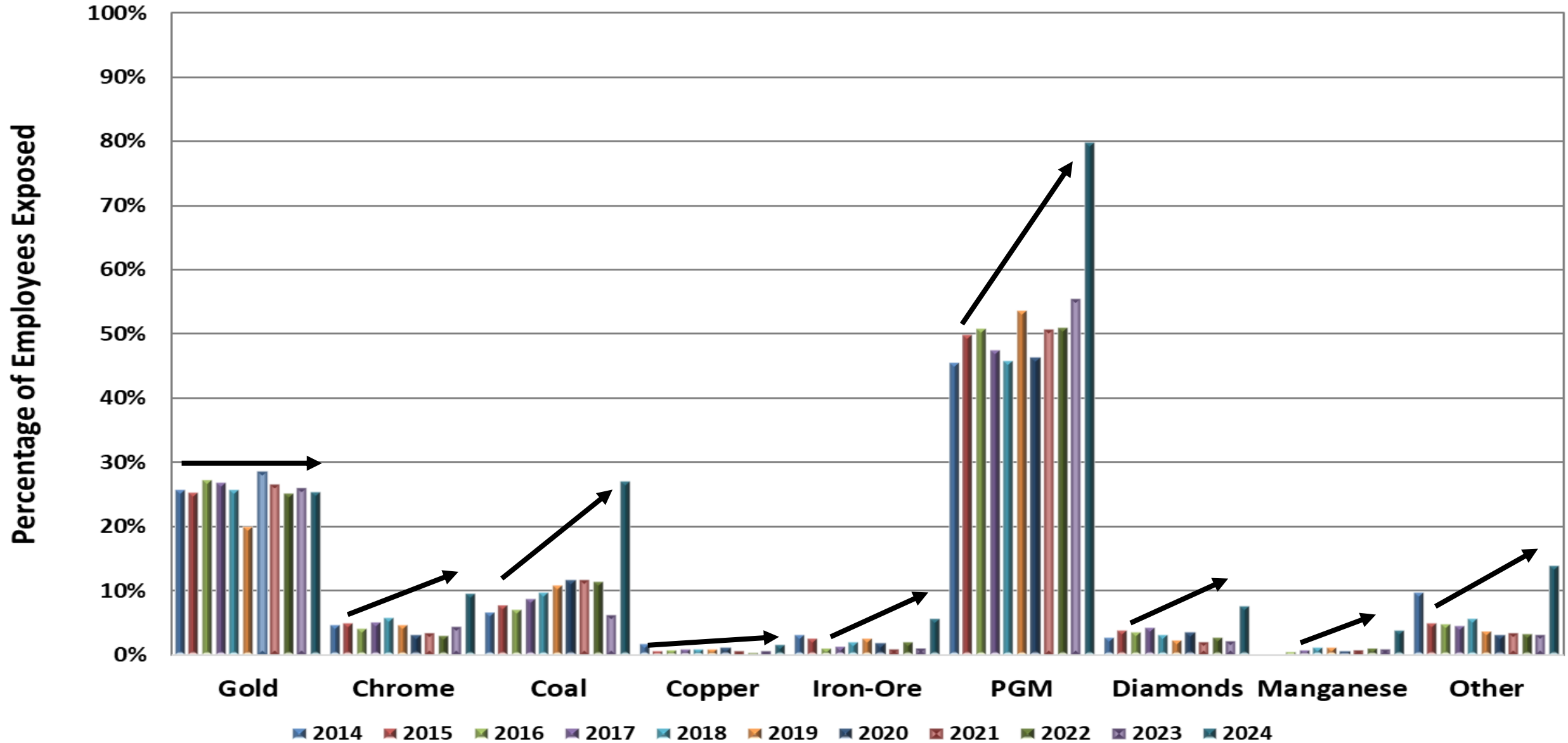


	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
■ HEG A	0,00	0,05	0,39	0,11	0,02	2,71	0,00	0,11	0,00	0,00
■ HEG B	60,17	45,91	51,05	53,96	54,93	36,51	34,12	37,15	23,84	32,48
■ HEG C	39,83	54,05	48,56	45,93	45,05	60,78	65,88	62,73	76,16	67,52

# Elimination of NIHL - Exposures



## Exposure to Noise $\geq$ OEL (85 dB(A))

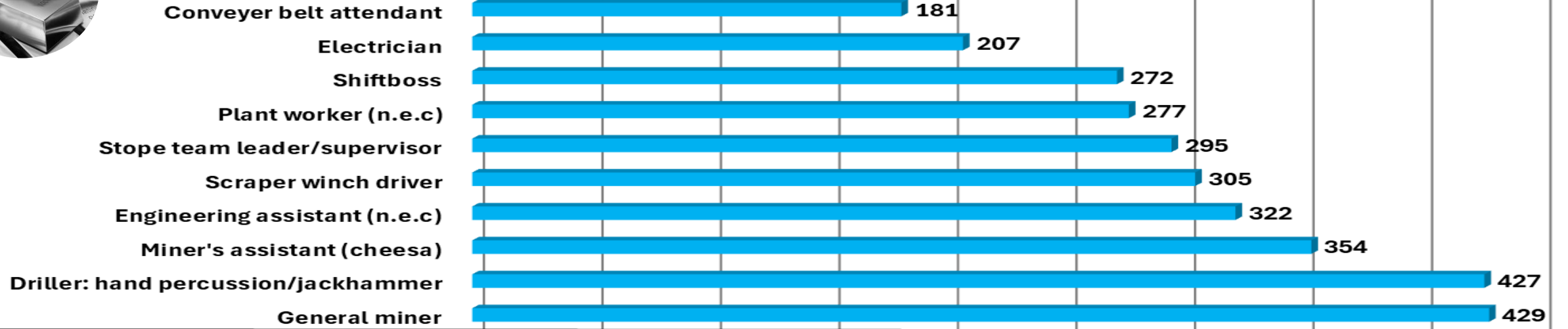


# Elimination of NIHL

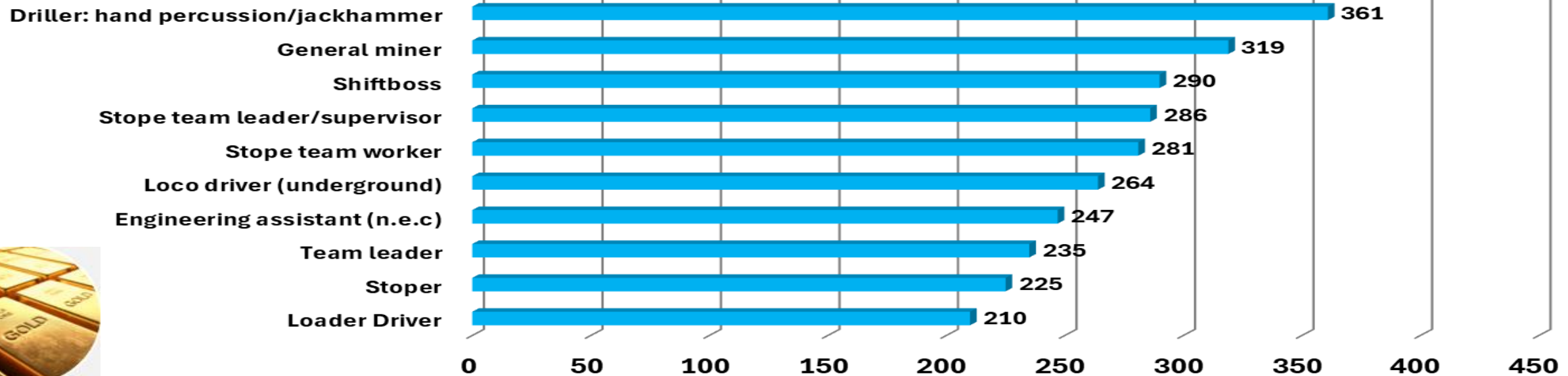


PGM

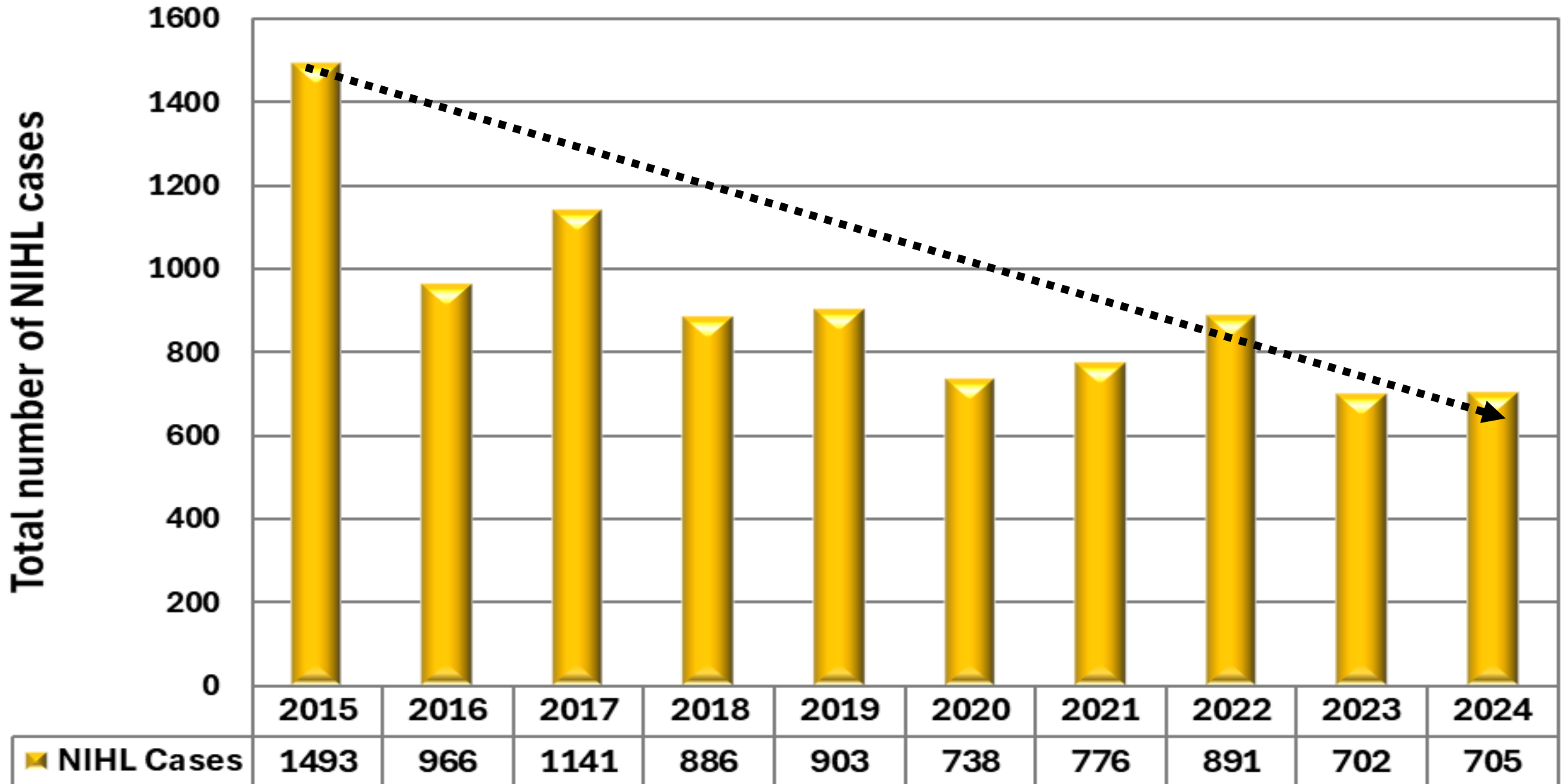
**Top 10 Occupations > OEL (85 dB(A))**



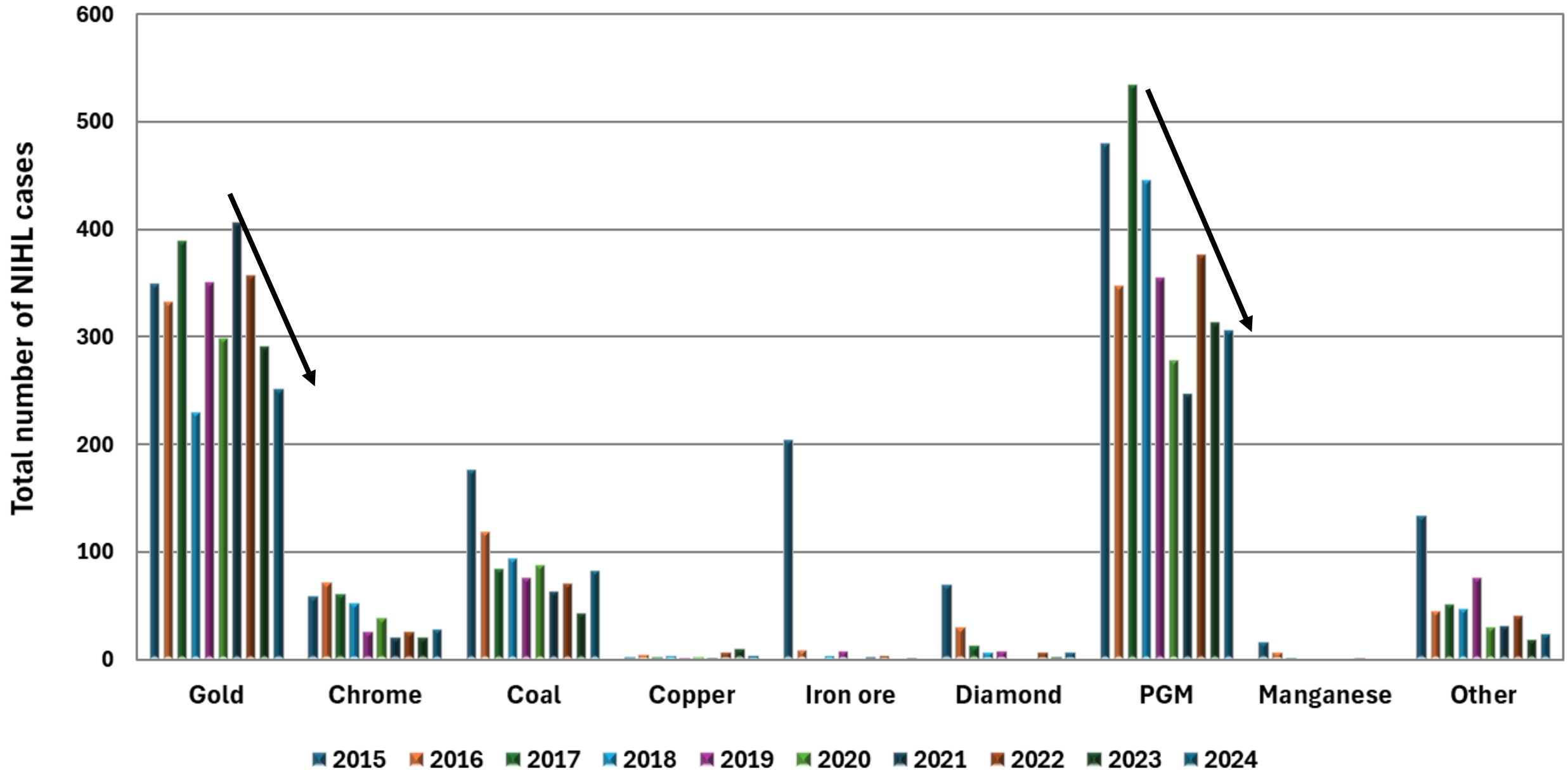
GOLD



# Elimination of NIHL - Cases



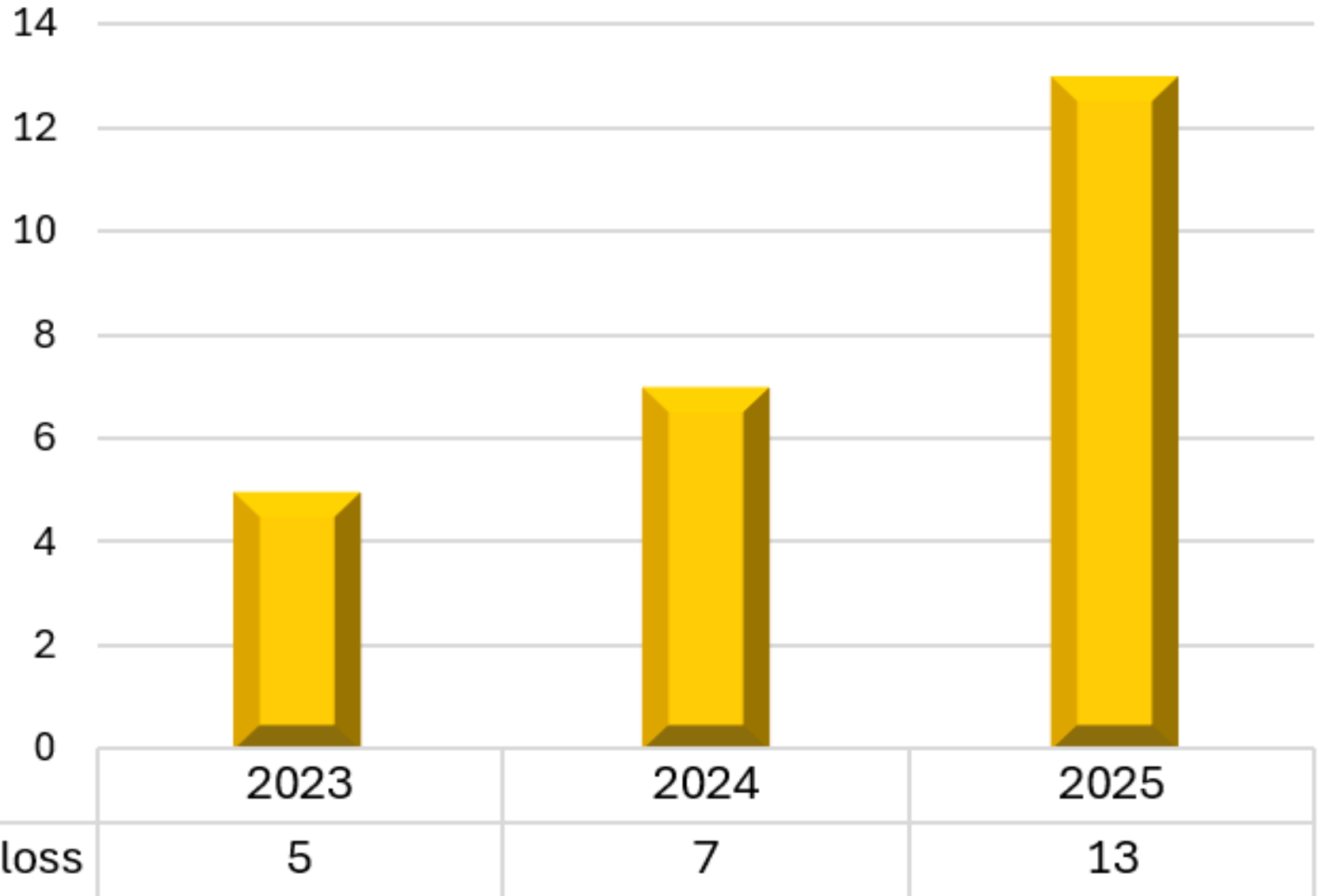
# Elimination of NIHL - Cases



# Elimination of NIHL: Northern Cape Cases



Total Number of Cases

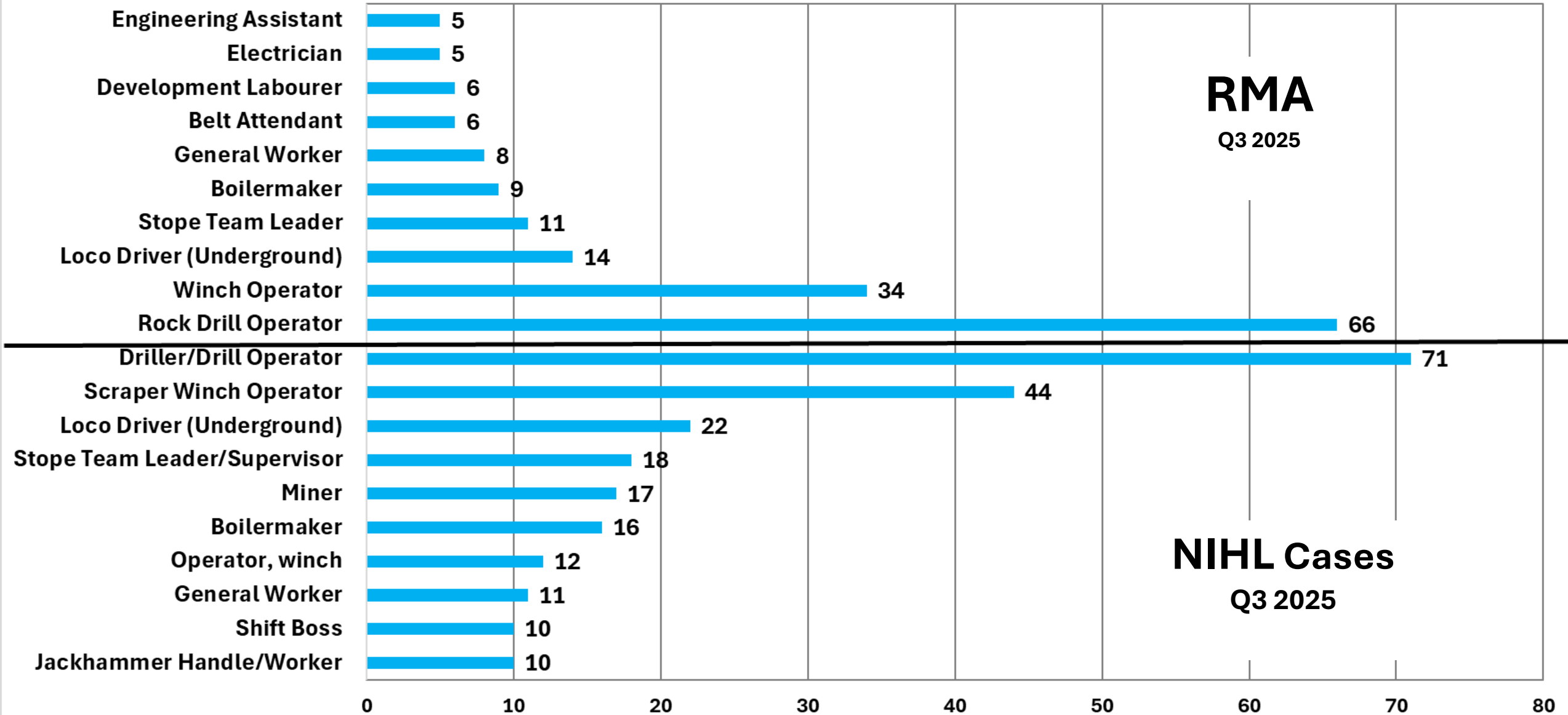


■ Noise-induced hearing loss

# Elimination of NIHL



**NIHL Cases - Reported Occupation vs Compensated Occupations**



# Conclusion



- While encouraging progress has been made in reducing occupational noise exposures and Noise-Induced Hearing Loss (NIHL), the data clearly shows that production and engineering occupations remain disproportionately affected and continue to account for most NIHL cases and compensation claims.
- This highlights the need to move beyond compliance and focus on prevention through robust risk assessment, effective exposure monitoring, Buy-Quiet procurement, and engineering controls that address noise at its source.
- Achieving meaningful and sustainable improvements will require collaboration across the entire mining value chain — employers, employees, engineers, OEMs, occupational hygienists, and occupational medical practitioners working together toward a common goal.
- By embracing innovation, adopting leading practices, and strengthening change management, we can better protect mineworkers' hearing and health, reduce the burden of NIHL, and move closer to the industry's vision of **Zero Harm**.
- The challenge before us is not simply to manage noise, but to create a lasting legacy of healthier, safer workplaces for future generations of mineworkers.



THANK YOU

