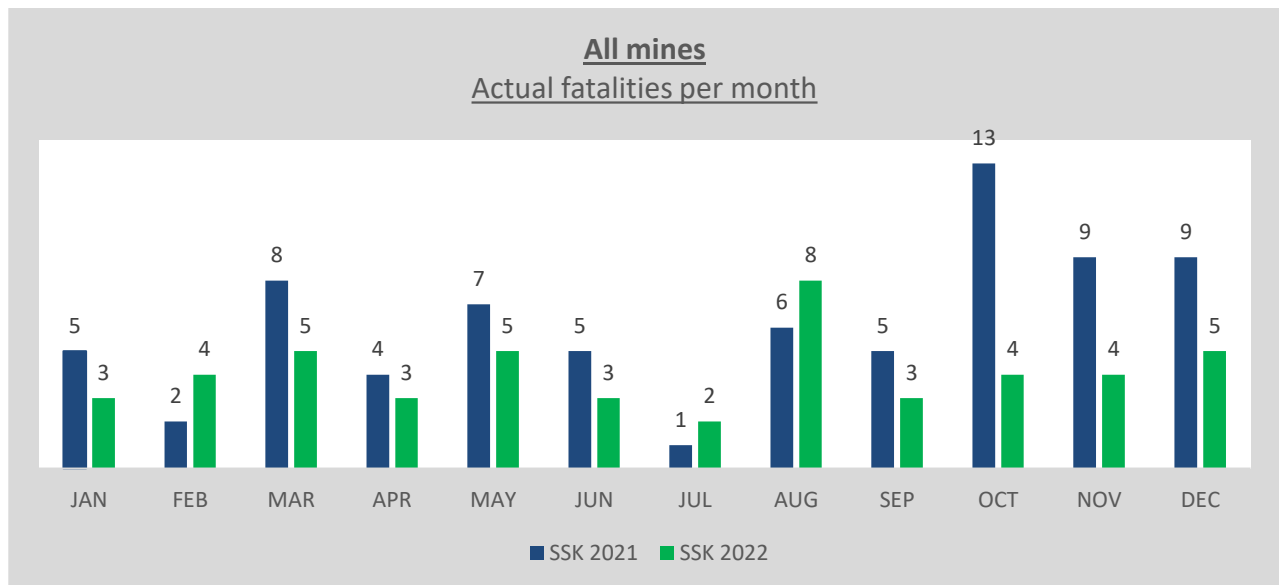




1. OVERALL FATALITIES PER MONTH

During the month of December 2022, **five (5)** fatalities were reported whilst during the same period in 2021 **nine (9)** mine workers were fatally injured. Fatalities reported for the year up to December 2022 were **forty nine (49)** while **seventy four (74)** were reported over the same period in 2021. This translates to an improvement in the number of fatalities of 34% year on year.



2. STATISTICS OF FATALITIES BY REGION

The table below illustrates the progressive performance of each region with regard to fatalities. During the month of December 2022, **six (6)** of the **ten (10)** regions had not reported any fatalities.

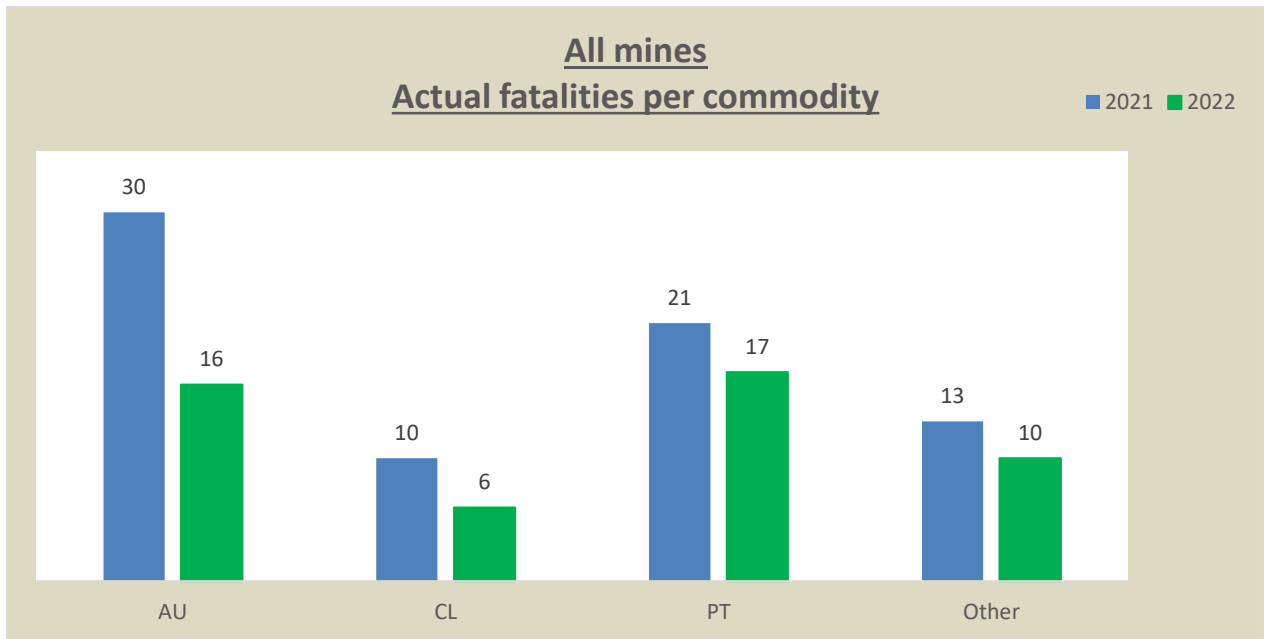
	WC	NC	FS	EC	KZN	MP	LP	GP	NW-KLD	NW-RST	TOTAL
JAN	0	0	0	0	0	0	0	2	0	1	3
FEB	0	0	1	0	0	1	0	0	0	2	4
MAR	0	1	0	0	1	1	0	1	0	1	5
APR	0	0	0	0	0	0	0	0	1	2	3
MAY	0	0	0	0	0	0	1	4	0	0	5
JUN	0	0	0	0	0	0	1	1	0	1	3
JUL	0	0	1	0	0	0	0	0	0	1	2
AUG	1	0	0	0	0	2	0	0	1	4	8
SEP	0	0	0	0	0	0	0	0	0	3	3
OCT	0	0	0	0	0	0	0	1	0	3	4
NOV	0	0	1	0	0	1	1	0	0	1	4
DEC	0	1	0	0	0	0	2	1	0	1	5
TOTAL	1	2	3	0	1	5	5	10	2	20	49



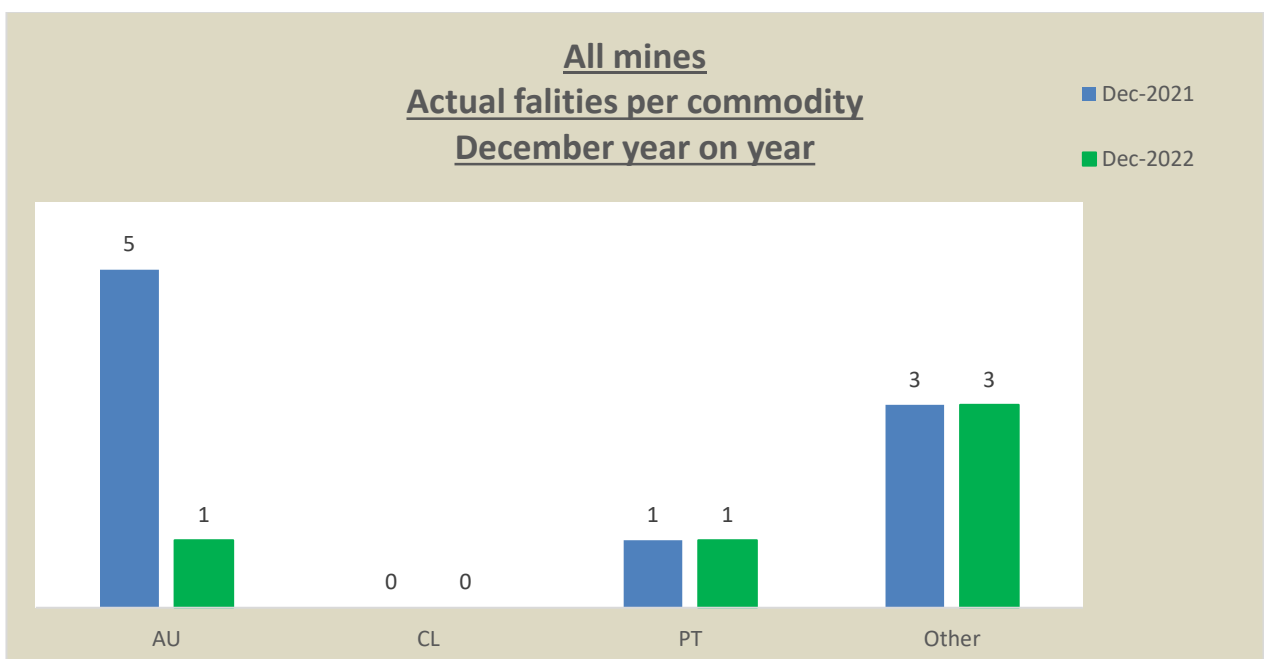
3. ANALYSIS OF FATALITIES BY COMMODITY

For the purpose of the analysis, commodities are grouped into gold (AU), platinum (PT), coal (CL) and other mines (i.e. chrome, granite, diamond, copper, salt).

3.1 The comparison of fatalities for the year up to December 2022 and 2021 is reflected on the graph below and shows decreases in fatalities of 47%, 40%, 19% and 23% in the gold, coal, platinum and other mines sectors respectively.



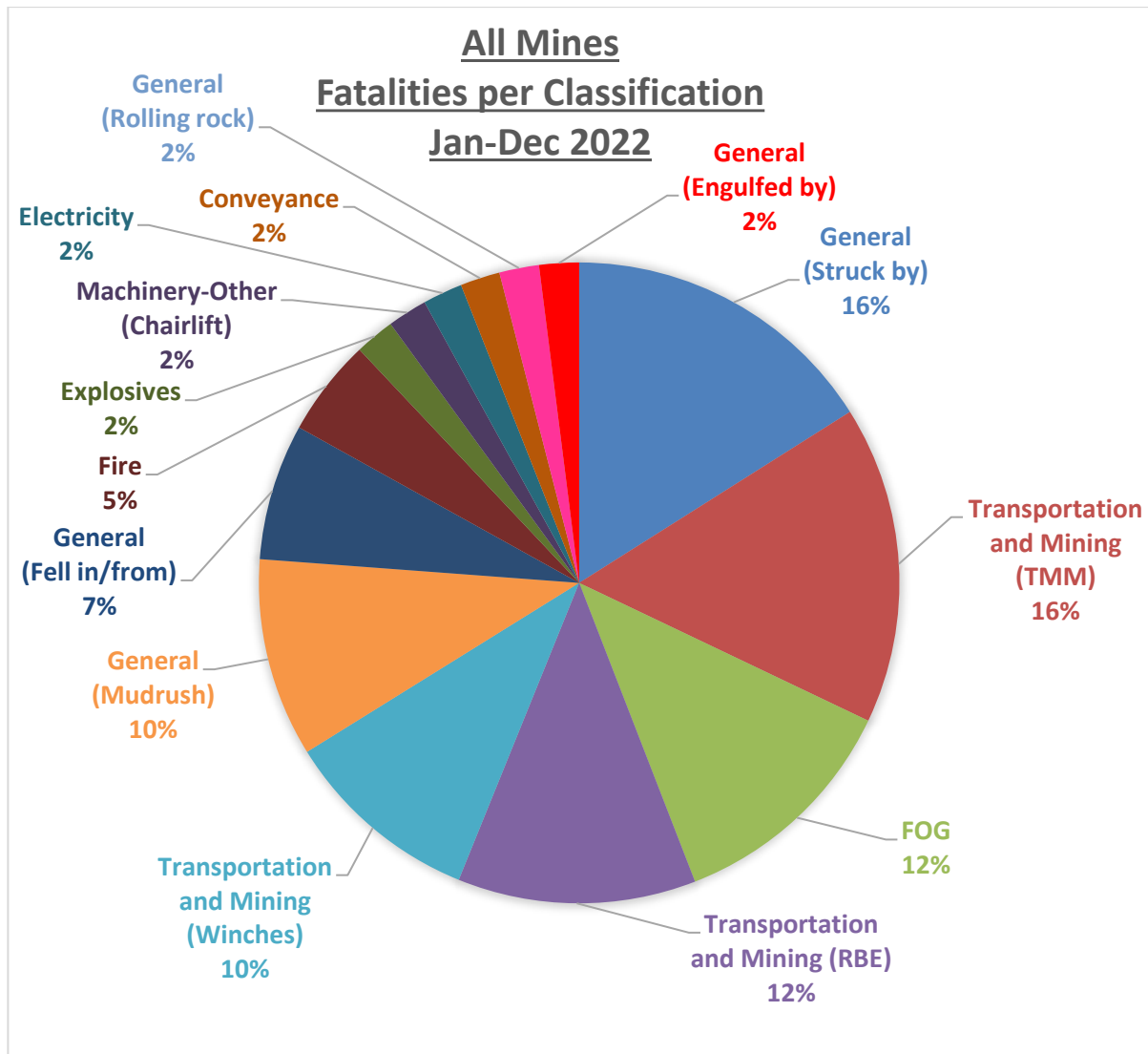
3.2 In December 2022, the gold and platinum sectors reported **one (1)** fatality each while the other mines sector reported **three (3)** fatalities.





4. ANALYSIS OF FATALITIES BY CLASSIFICATION – ALL MINES

The graph below shows the causes of fatalities per classification for the year to December 2022:



4.1 General (Struck by) (16%)

There were **seven (8)** fatalities reported in this category this year in 2022. **One (1)** was reported at a salt mine, **two (2)** at a granite mine and **five (5)** at the platinum mines. **One (1)** was reported in December 2022 at a platinum mine. The now deceased General Worker was fatally injured when he was struck by a rebounding material car. The crew was busy reclaiming a winch and during the process of loading the winch onto a flat material car, the winch fell onto the material car from a suspended height, causing the material car to lift, thus striking the now deceased on the head. He succumbed to the injuries on the scene.



4.2 Transportation and Mining (TMM) (16%)

There were **eight (8)** fatalities reported in this category this year in 2022, **four (4)** at the platinum mines, **two (2)** at the coal mines and **two (2)** at the chrome mines. **One (1)** was reported in December 2022 at a chrome mine. The now deceased ADT (Articulated Dump Truck) Operator was fatally injured when the ADT that he was operating went through the safety berm, fell on the side and landed in-between trees and rocks on the mountain. The now deceased was recovered from the cab and transported to hospital where he was declared deceased.

4.3 Miscellaneous (12%)

Miscellaneous classification refers to a fatality, the cause of which is yet to be determined. There were **six (6)** fatalities reported in this category this year in 2022. **Two (2)** were reported at the gold mines, **one (1)** at a chrome mine and **three (3)** at the platinum mines. **None (0)** were reported in December 2022.

4.4 FOG (Fall of Ground) (12%)

There were **six (6)** fatalities reported in this category this year in 2022, **one (1)** at a coal mine, **one (1)** at a platinum mine, **one (1)** at a chrome mine and **three (3)** at the gold mines. **One (1)** of the **six (6)** was seismic related at a gold mine while **five (5)** others were gravity related, **one (1)** each at the gold, platinum, coal and chrome mines. **One (1)** seismic related was reported in December 2022 at a gold mine. The now deceased Rock Drill Operator was involved in a 0.5 magnitude seismic induced fall of ground accident together with four other colleagues. The Team Leader sustained a deep laceration on the back foot while the now deceased was inundated with broken rocks. The now deceased was later recovered and he had succumbed to injuries sustained.

4.5 Transportation and Mining (Railbound Equipment - RBE) (10%)

There were **five (5)** fatalities reported in this category this year in 2022, **two (2)** at the gold mines, **two (2)** at the platinum mines and **one (1)** at a chrome mine. **None (0)** were reported in December 2022.

4.6 Transportation and Mining (Winches) (8%)

There were **four (4)** fatalities reported in this category this year in 2022, **three (3)** at the platinum mines and **one (1)** at a gold mine. **None (0)** were reported in December 2022.

4.7 General (Mudrush) (8%)

There were **four (4)** fatalities reported in this category this year in 2022 at a gold mine. **None (0)** were reported in December 2022.

4.8 General (Fell in) (3%)

There were **two (2)** fatalities reported in this category this year in 2022, **one (1)** at a coal mine and **one (1)** at a diamond mine. **None (0)** were reported in December 2022.



4.9 Fire (3%)

There were **two (2)** fatalities reported in this category this year in 2022, **one (1)** at a gold mine and **one (1)** at a diamond mine. **One (1)** was reported in December 2022 at a diamond mine. The now deceased Security Guard was found by another Security Guard, severely burned by fire and laying down unresponsive. The now deceased was left by the fire making tea while the other Security Guard went out. It is not yet clear what might have transpired.

4.10 Explosives (2%)

There was **one (1)** fatality reported in this category this year in 2022 at a coal mine. **None (0)** were reported in December 2022.

4.11 Machinery-Other (Chairlift) (2%)

There was **one (1)** fatality reported in this category this year in 2022 at a chrome mine. **None (0)** were reported in December 2022.

4.12 Electricity (2%)

There was **one (1)** fatality reported in this category this year in 2022 at a coal mine. **None (0)** were reported in December 2022.

4.13 Conveyance (2%)

There was **one (1)** fatality reported in this category this year in 2022 at a gold mine. **None (0)** were reported in December 2022.

4.14 General (Rolling rock) (2%)

There was **one (1)** fatality reported in this category this year in 2022 at a gold mine. **None (0)** were reported in December 2022.

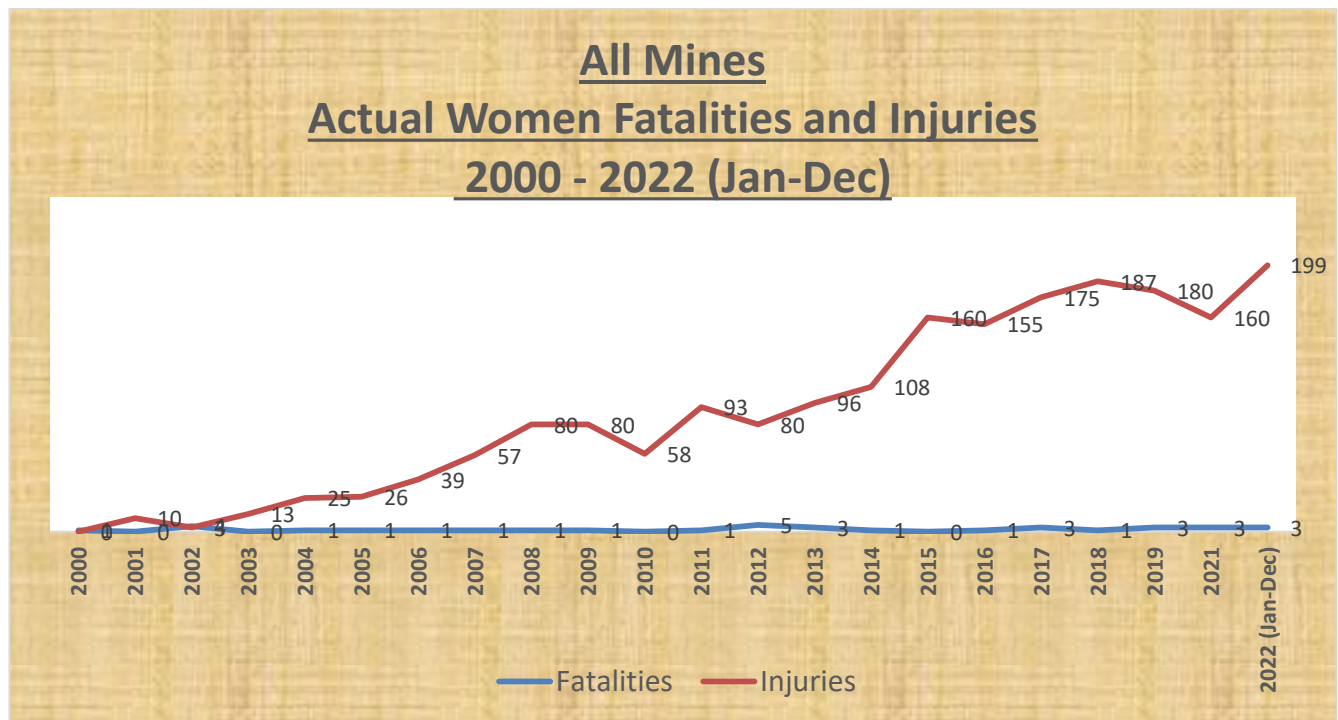
4.15 General (Engulfed by) (2%)

There was **one (1)** fatality reported in this category this year in 2022 at a coal mine. **None (0)** were reported in December 2022.

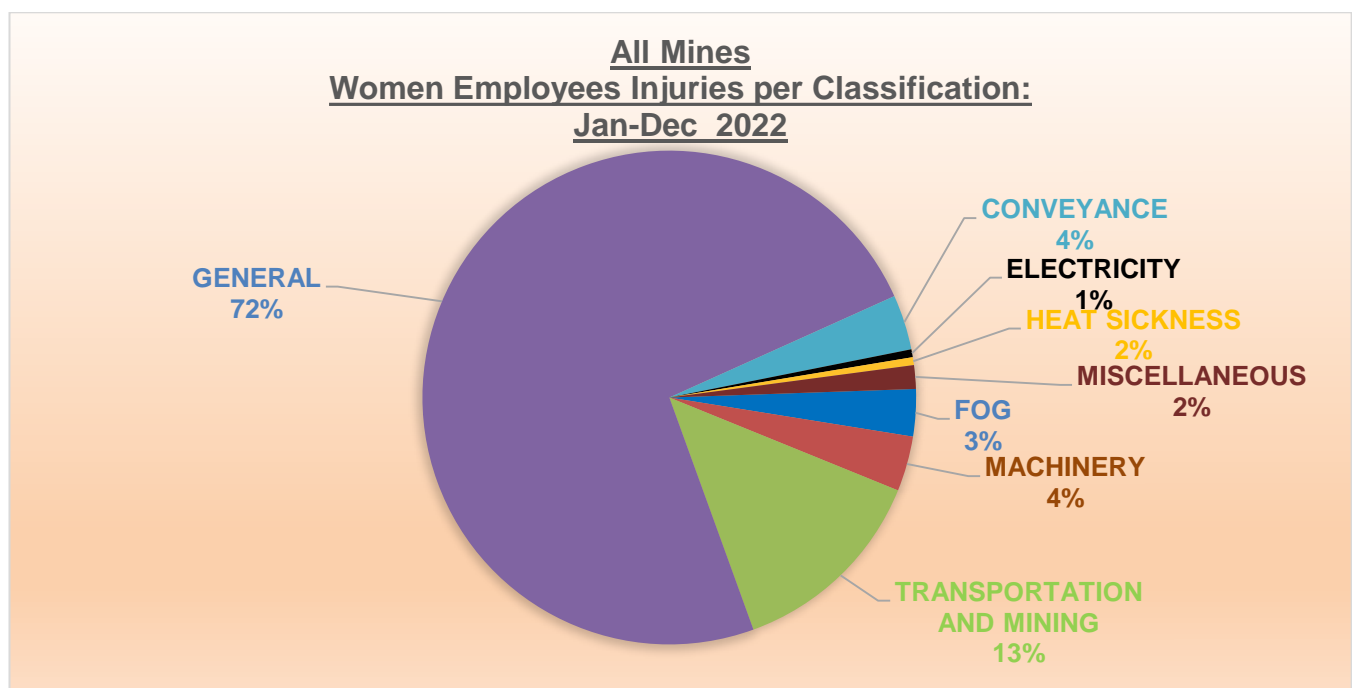


5. Women Employees

5.1 The number of women employees has steadily increased in the South African mining industry and the graph below shows injuries and fatalities to women employees across all commodities from 2000 to December 2022.

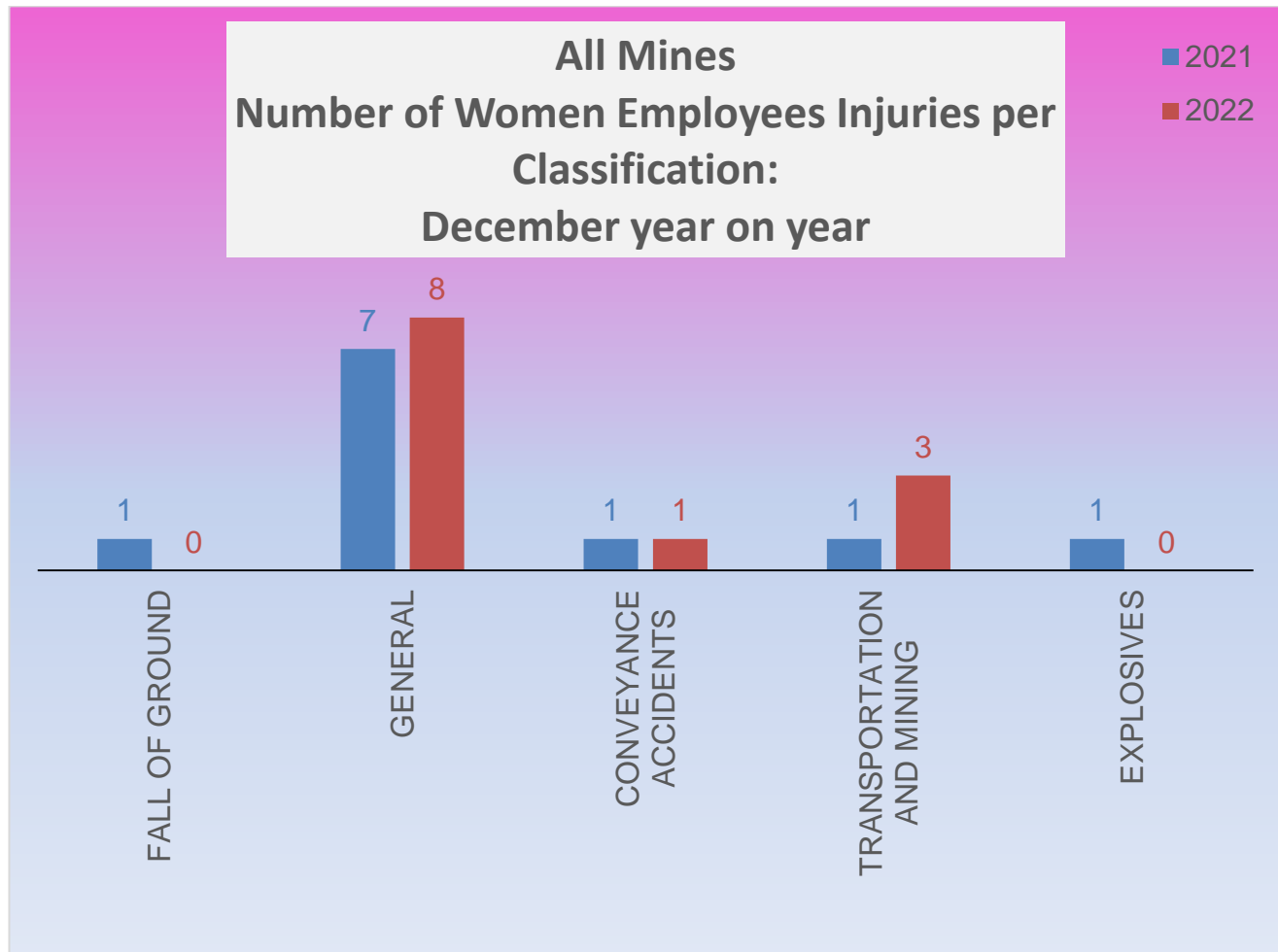


5.2 The graph below shows the classification of injuries to women employees across all commodities from January to December 2022:





5.3 The graph below shows the comparison of injuries to women employees across all commodities in December 2021 and December 2022:



6. FATALITIES AND INJURIES

6.1 FATALITIES

The table below reflects the number of fatalities that were reported for the year to December 2021 and 2022 per commodity.

	Jan-Dec 2021	Jan-Dec 2022
Gold Mines	30	16
Platinum Mines	21	17
Coal Mines	10	6
Other Mines	13	10
TOTAL	74	49



6.2 MINE INJURIES

The table below reflects the **provisional** number of injuries that were reported for the year to December 2021 and 2022 per the classification of the accident.

	Injuries		
	Jan-Dec 2021	Jan-Dec 2022	% Change
FALL OF GROUND	373	289	-23
Rockburst	79	34	-57
Strainburst	32	25	-22
Gravity	262	230	-12
MACHINERY	161	157	-2
Conveyor belts	32	47	47
Drives, Belts and chains	18	12	-33
Portable power tools	80	69	-14
Other machinery (not included in TMM)	31	29	-6
RAILBOUND	121	141	17
Locomotive	31	32	3
Locomotive drawn vehicle	18	24	33
Rerailing	9	14	56
Coupling/uncoupling	33	37	12
Rocker arm shovel	7	10	43
Personnel transport	8	11	38
Hand trammed	11	7	-36
Other Transport	4	6	50
WINCHES	96	99	3
Scraper Winch Installation	68	58	-15
Single drum winch	10	6	-40
Double drum winch	12	25	108
Mono rope/rail	6	10	67
TRACKLESS MOBILE MACHINES	106	130	23
Tractor/Trailer	7	5	-29
Coal Mining Machines	4	0	-100
Mechanical Loaders	7	15	114
Transporters	31	29	-6
Motor vehicles	13	17	31
T&M lifting machines	13	22	69
T&M mobile drilling machines	23	34	48
Other Transport	8	8	0



	Jan-Dec 2021	Jan-Dec 2022	% Change
GENERAL	1133	1086	-4
Fall of material/rolling rock	139	152	9
Manual handling of material	268	289	8
Manual handling of mineral	48	39	-19
Falling in/from	32	34	6
Slipping and falling	419	385	-8
Burning and scalding	31	30	-3
Splinters	28	22	-21
Dust, gas and fumes	21	26	24
Inundation/Drowning	1	3	200
Struck by ventilation door	16	5	-69
Struck by any object manual handling	130	101	-22
Conveyance accidents (shaft/winze)	39	25	-36
Electricity (Not causing fires)	13	13	0
Fires	3	6	100
Explosives	11	1	-91
Subsidence or caving	1	0	-100
Occupational Diseases	0	1	100
Heat sickness	30	3	-90
Miscellaneous	12	56	367
TOTAL	2099	2007	-4

7. OCCUPATIONAL MEDICINE DMRE FY Q3 REPORT: FY 2022/23 (Apr-Dec 2022)

7.1 INTRODUCTION

In terms of section 11(5B) of the Mine Health and Safety Act (MHSA), Act No. 29 of 1996, as amended; the employer must notify the Principal Inspector of mines (PloMs) of any occurrence at the mine that results in serious illness or death of any person. The employers submit to the PloMs, the Health Incident Reports (HIRs) DMRE 231 Forms completed by the Occupational Medical Practitioners (OMPs) on monthly basis to report occupational diseases diagnosed amongst mine employees during medical surveillance.



7.2 OCCUPATIONAL DISEASES REPORTED

During April-December 2022/23, the mines reported a total of **1 185** occupational diseases from the Health Incident Reports (HIRs) submitted when compared to **1 023** cases reported during the same period in 2021/22. The Eastern Cape region did not report any occupational diseases for both reporting periods.

Calculation of the percentage change:

$$(1\ 185 - 1\ 023) / 1\ 023 * 100 = 15.84\%$$

7.3 ANALYSIS OF OCCUPATIONAL DISEASES REPORTED PER REGION

TABLE 7.3.1 Analysis of occupational diseases reported per region: April-December 2022/23 and April-December 2021/22

	EC		FS		GR		KZN		LP		Mpu		NC		NWK		NW R		WC		TOTAL		Percentage change
	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	
PTB	0	0	56	81	110	86	8	7	10	30	42	38	4	14	45	38	139	146	1	1	415	441	6.27
SII+TB	0	0	0	10	10	5	0	0	0	0	0	0	0	0	7	3	1	1	0	0	18	19	5.56
MDR-TB	0	0	2	3	3	0	0	0	0	1	2	1	0	1	1	0	2	8	0	0	10	14	40.00
XDR-TB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Silicosis	0	0	64	94	41	31	1	0	1	1	0	5	0	0	43	27	7	13	0	0	157	171	8.92
Asbestosis	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0.00
CWP	0	0	1	3	0	0	0	0	1	0	5	4	0	0	0	0	0	0	0	0	7	7	0.00
COAD	0	0	18	29	5	5	0	0	0	0	6	2	0	0	7	5	6	17	0	0	42	58	38.10
Occ asthma	0	0	0	0	4	2	0	0	1	0	0	1	0	2	1	0	0	1	0	0	6	6	0.00
Occ lung cancer	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0.00
NIHL	0	0	35	36	100	132	2	1	15	15	23	19	5	8	45	19	104	193	14	5	343	428	24.78
Occ skin diseases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	11	0	0	4	11	175.00
Platinum salt sensitivity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Musculoskeletal disorders	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	10	0	0	0	13	#DIV/0!
Progressive massive fibrosis	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	#DIV/0!
Other occ diseases	0	0	0	2	0	2	0	0	1	4	2	0	1	1	0	0	15	5	0	0	19	14	-26.32
Total	0	0	176	258	275	264	11	8	30	51	80	72	10	28	149	92	277	406	15	6	1023	1185	15.84



7.4 ANALYSIS OF OCCUPATIONAL DISEASES REPORTED BY COMMODITY

- 7.4.1 The table below shows a comparison of occupational diseases reported per sector during April-December 2022/23 when compared to the same period in 2021/22. An increase has been noted on the overall total number of occupational diseases reported by the mines. Table 4.1 below shows a significant increase on the cases reported from the platinum sector.
- 7.4.2 The occupational lung diseases (OLD) and noise induced hearing loss (NIHL) cases have contributed to an increase on the cases reported during April-December 2022/23 when compared to the same period in 2021/22:
- 7.4.3 It must be noted that there is a considerable time lag between the employees' exposures to occupational/workplace hazards (e.g., respirable silica bearing dust and noise) and the manifestation of occupational diseases, particularly silicosis as shown on Figure 7.4.1 below, and the noise induced hearing loss (NIHL) cases as shown from Figure 7.7.1 to Figure 7.7.4 below.



Occupational Health and Safety Report: DECEMBER 2022

Table 7.4.1 Analysis of occupational diseases reported by commodity: April-December 2022/23 and April-December 2021/22

	Gold		Platinum		Coal		Diamond		Copper		Chrome		Manganese		Iron ore		Other mines		TOTAL	
	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23	Q3 2021/22	Q3 2022/23
PTB	215	207	136	161	42	37	2	8	0	1	11	10	1	6	1	4	7	7	415	441
Sil+TB	17	18	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	19
MDR-TB	8	3	2	9	0	1	0	0	0	0	0	0	0	1	0	0	0	0	10	14
XDR-TB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silicosis	148	155	8	15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	157	171
Asbestosis	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
CWP	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	7	7
COAD	31	39	6	17	5	2	0	0	0	0	0	0	0	0	0	0	0	0	42	58
Occ asthma	2	2	0	1	0	1	3	0	0	0	1	0	0	0	0	2	0	0	6	6
Occ lung cancer	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
NIHL	184	193	110	205	18	11	0	3	0	0	8	3	1	1	3	2	19	10	343	428
Occ skin diseases	1	0	3	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11
Platinum salt sensitivity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Musculoskeletal disorders	0	0	0	10	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	13
Progressive massive fibrosis	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Other occ diseases	2	4	16	7	0	0	0	1	0	0	0	2	0	0	1	0	0	0	19	14
Total	609	622	282	439	73	60	5	12	0	1	21	15	2	8	5	10	26	18	1023	1185
Percentage change	2.13		55.67		-17.81		140.00		#DIV/0!		-28.57		300.00		100.00		-30.77		15.84	



7.5 ANALYSIS OF OCCUPATIONAL DISEASES BY DISEASE CLASSIFICATION GROUPS

7.5.1 OCCUPATIONAL LUNG DISEASES (OLD)

During April-December 2022, the mines reported a total of **719** occupational lung diseases (OLD) cases when compared to **657** cases during the same period in 2021/22. The OLD reported include the following: Pulmonary tuberculosis (PTB), Silico-tuberculosis (Sil+TB), Multidrug-resistant TB (MDR TB); Extremely-drug resistant TB (XDR-TB), Silicosis, Asbestosis, Coal workers' pneumoconiosis (CWP) Chronic obstructive airways disease (COAD), Occupational asthma, Occupational lung cancer and Progressive massive fibrosis (PMF).

7.5.1.1 SILICOSIS

The mines reported a total of **171** silicosis cases during April-December 2022/23 from **157** cases reported during the same period in 2021/22. The gold sector reported 155 cases, and the platinum sector reported **15** cases. The coal sector reported **seven** workers' pneumoconiosis (CWP) cases for both reporting periods.

7.5.1.2 PULMONARY TUBERCULOSIS (PTB)

During April-December 2022/23, the mines reported a total of **441** pulmonary tuberculosis (PTB) cases from **415** cases reported in the same period of 2021/22. The gold sector reported **207** PTB cases which is the highest total; followed by the platinum sector with **161** cases, and the coal sector with **37** cases. The mines also reported **14** multidrug-resistant TB (MDR-TB) cases from **10** cases reported in the same period of 2021/22. The platinum sector reported **nine** MDR-TB cases which is the highest, followed by the gold sector with **three** cases and the coal sector with **one** case.

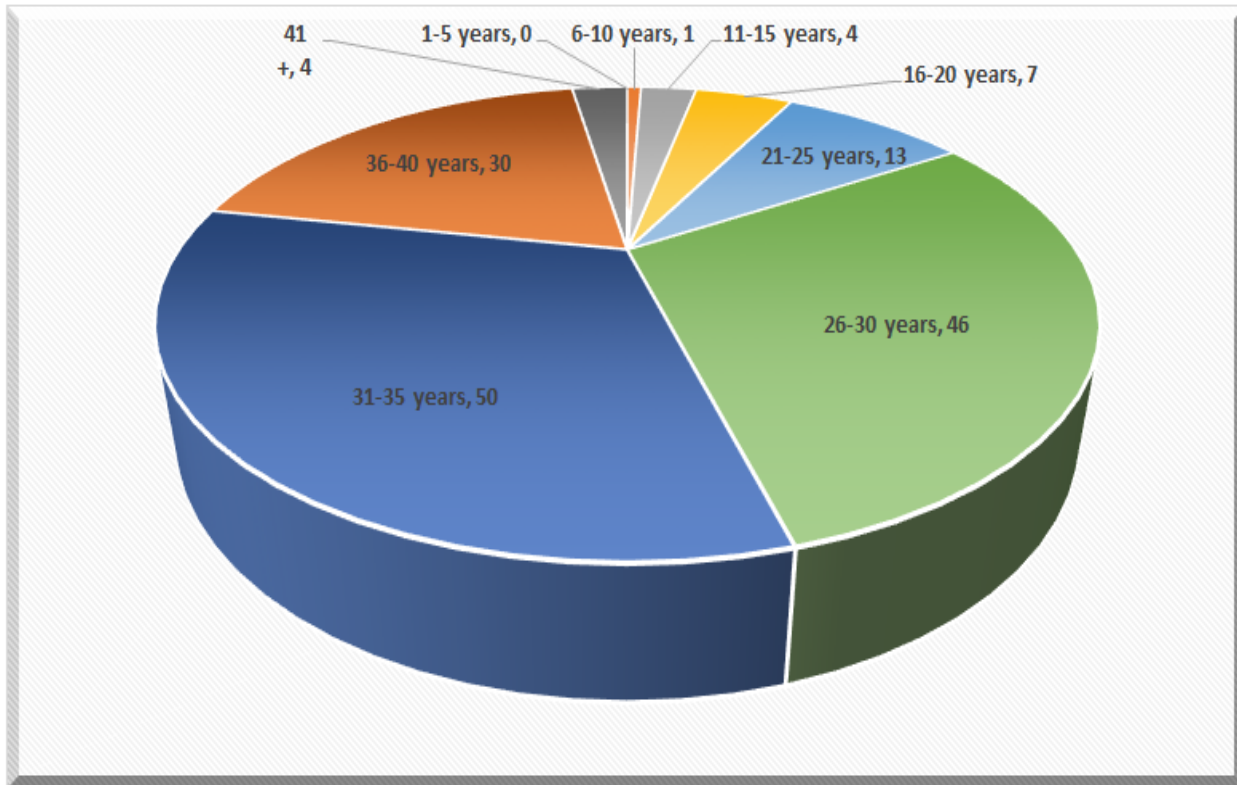
7.5.2 NOISE INDUCED HEARING LOSS (NIHL)

The mines reported a total of **428** noise-induced hearing loss (NIHL) cases during April-December 2022/23 from **343** cases reported during the same period in 2020/21. The platinum sector reported **205** cases which the highest total; followed by the gold sector with **193** cases; the coal sector with **11** cases and the chrome sector with **three** cases.



7.6 ANALYSIS OF SILICOSIS CASES REPORTED FROM GOLD MINES BY YEARS OF SERVICE

FIGURE 7.6.1 Analysis of silicosis cases reported from gold mines by years of service: April-December 2022/23



During April-December 2022/23, the gold sector reported **155** silicosis cases as shown on Figure 7.1 above. **One** accelerated silicosis case was reported within **≤6-10 years of service** in the mining industry. No female employees were reported with silicosis for both reporting periods.



7.7 ANALYSIS OF NOISE INDUCED HEARING LOSS CASES REPORTED BY COMMODITY, PERCENTAGE LOSS OF HEARING (PLH) AND YEARS OF SERVICE: APRIL-DECEMBER 2022/23

Table 7.7.1 Analysis of noise-induced hearing loss (NIHL) from gold mines: April-December 2022/23

	Years of service	Percentage loss of hearing (PLH)									Total
		10-15%	16-20%	21-25%	26-30%	31-35%	36-40%	41-45%	46-50%	>50%	
Gold	1 - 5	0	0	0	0	0	0	0	0	0	0
	6 - 10	0	1	0	0	0	1	0	0	0	2
	11-15	9	4	1	2	0	0	0	1	0	17
	16 - 20	18	2	4	0	0	1	0	0	0	25
	21-25	9	4	1	0	0	0	0	0	1	15
	26-30	20	3	2	1	0	1	0	0	1	28
	31-35	37	7	4	2	2	0	0	0	2	54
	36-40	23	10	3	0	1	2	2	0	1	42
	41+	3	3	1	2	1	0	0	0	0	10
	Total	119	34	16	7	4	5	2	1	5	193

The gold sector reported a total of **193** noise induced hearing loss (NIHL) cases during April-December 2022/23 as shown on table 7.1 above. **One** case reported had a percentage loss of hearing (PLH) of **36-40**; the other **one** case had **16-20%**, and both cases had **≤10 years of service** in the mining industry.

Table 7.7.2 Analysis of noise-induced hearing loss (NIHL) from platinum mines: April-December 2022/23

	Years of service	Percentage loss of hearing (PLH)									Total
		10-15%	16-20%	21-25%	26-30%	31-35%	36-40%	41-45%	46-50%	>50%	
Platinum	1 - 5	0	1	0	0	0	0	0	0	0	1
	6 - 10	2	1	1	0	0	0	0	0	0	4
	11-15	16	2	2	1	0	1	0	0	0	22
	16 - 20	18	5	4	0	1	0	0	0	0	28
	21-25	9	6	0	0	0	0	0	0	0	15
	26-30	14	6	3	0	0	0	0	0	0	23
	31-35	20	5	4	0	2	0	0	0	0	31
	36-40	32	12	10	2	2	1	0	0	0	59
	41+	7	4	7	1	2	0	1	0	0	22
	Total	118	42	31	4	7	2	1	0	0	205



Table 7.2 above shows a total of **205** noise induced hearing loss (NIHL) cases reported from the platinum sector during April-December 2022/23. **One** case reported had a percentage loss of hearing (PLH) of **16-20** with **≤1-5 years of service** in the mining industry. **Two** cases had **10-15%**; **one** case had **16-20%** and the other **one** case had **21-25%** with **≤10 years of service** in the mining industry.

Table 7.7.3 Analysis of noise-induced hearing loss (NIHL) from coal mines: April-December 2022/23

	Years of service	Percentage loss of hearing (PLH)									Total
		10-15%	16-20%	21-25%	26-30%	31-35%	36-40%	41-45%	46-50%	>50%	
Coal	1 - 5	0	0	0	1	0	0	0	0	0	1
	6 - 10	0	0	0	0	0	0	0	0	0	0
	11-15	0	1	0	1	0	0	0	0	0	2
	16 - 20	1	1	0	0	0	0	0	0	0	2
	21-25	1	1	0	0	0	0	0	0	0	2
	26-30	2	0	0	0	0	0	0	0	0	2
	31-35	0	0	0	0	0	0	0	0	0	0
	36-40	1	1	0	0	0	0	0	0	0	2
	41+	0	0	0	0	0	0	0	0	0	0
	Total	5	4	0	2	0	0	0	0	0	11

During April-December 2022/23, the coal sector reported a total of **11** cases as shown on table 7.3 above. **One** case reported had a percentage loss of hearing (PLH) of **26-30%** with **≤5 years of service** in the mining industry.

Table 7.7.4 Analysis of noise-induced hearing loss (NIHL) from chrome mines: April-December 2022/23

	Years of service	Percentage loss of hearing (PLH)									Total
		10-15%	16-20%	21-25%	26-30%	31-35%	36-40%	41-45%	46-50%	>50%	
Chrome	1 - 5	0	0	0	0	0	0	0	0	0	0
	6 - 10	0	0	0	0	0	0	0	0	0	0
	11-15	0	0	0	0	0	0	0	0	0	0
	16 - 20	0	0	0	0	0	0	1	0	0	1
	21-25	0	0	0	0	0	0	0	0	0	0
	26-30	0	0	0	0	0	1	0	0	0	1
	31-35	0	0	0	0	0	0	0	0	0	0
	36-40	1	0	0	0	0	0	0	0	0	1
	41+	0	0	0	0	0	0	0	0	0	0
	Total	1	0	0	0	0	1	1	0	0	3



The chrome mines reported **three** NIHL case as shown on table 7.7.4 above.

7.8 ANALYSIS OF DEATHS DUE TO WORK-RELATED DISEASES

No cases of deaths due to work-related diseases were reported for both reporting periods.

7.9 CONCLUSION

During April-December 2022/23, the total number of occupational diseases reported by mines from the Health Incident Reports (HIRs) have shown a slight increase when compared to the number of cases reported during the same period in April-December 2021/22.

7.10 RECOMMENDATIONS

The mines, particularly gold and platinum sectors put more effort in ensuring effective occupational risk exposures management, as they remain the key leading indicators towards driving change in preventing and reducing the incidence of occupational diseases. Critical controls strategies like **MOSH** dust leading practices and Industry-wide Buy and Maintain Quiet Initiative (**IBMQI**) exist for adoption and implementation by the mines.



8. STATUS REPORT ON THE MINE HEALTH AND SAFETY COUNCIL (MHSC) AWARD SCHEME 2022

Table 8.1 Mines that have achieved the safety awards:

No	Mine	Award	Date recorded	Last fatality (prior to achievement)
1	Booyendal Platinum Mine	Million (7)	07/01/2022	Never
2	Styldrift Platinum Mine	Million (1)	16/01/2022	09/12/2020
3	Wonderfontein Colliery	Thousand (9)	21/01/2022	Never
4	Bafokeng Rasimone Platinum Mine	Million (1)	28/01/2022	12/05/2021
5	Khwezela Colliery	Thousand (11)	01/02/2022	10/01/2012
6	Impala Platinum 10 Shaft	Million (2)	05/02/2022	17/06/2019
7	NBC Glisa Colliery	Thousand (43)	13/02/2022	Never
8	Assmang Manganese Black Rock Mine	Million (10)	15/02/2022	23/04/2009
9	Khumani Iron Ore	Thousand (5)	15/02/2022	12/04/2015
10	Impunzi Opencast Colliery	Thousand (19)	15/02/2022	31/03/2004
11	Impala Platinum Mineral Processes	Million (2)	19/02/2022	18/04/2019
12	Forzando Colliery South	Thousand (17)	21/02/2022	Never
13	Tharisa Minerals Process	Thousand (8)	24/02/2022	05/11/2014
14	Khumani Iron Ore	Thousand (5)	15/02/2022	12/04/2015
15	Impala Platinum 1 Shaft	Million	08/03/2022	06/08/2019
16	Kolomela Mine	Thousand (7)	15/03/2022	27/01/2016
17	Dorstfontein Colliery East Mine	Thousand (11)	18/03/2022	Never
18	Helam Diamond Mine	Thousand (2)	07/04/2022	Never
19	Mototolo Lebowa	Thousand (13)	07/04/2022	Never
20	Impala Platinum 14 Shaft	Million (7)	13/04/2022	23/01/2016
21	Goedgevonden Colliery	Thousand (15)	13/04/2022	23/06/2008
22	Helena Mine	Thousand (6)	15/04/2022	10/09/2016
23	Dwarsrivier Chrome Mine	Million (7)	20/04/2022	09/01/2009
24	Greenside Colliery	Thousand (9)	24/04/2022	20/02/2013
25	Tweefontein Surface Operations	Thousand (8)	05/05/2022	02/10/2011
26	Forzando Colliery North Mine	Thousand (24)	17/05/2022	15/06/1999
27	Thornccliffe Mine	Thousand (4)	19/05/2022	27/08/2018
28	Joel Mine	Million (2)	25/05/2022	27/03/2018
29	Kangala Colliery	Thousand (6)	30/05/2022	Never
30	Lonmin Marikana Operations: K3 Shaft	Million (4)	02/06/2022	19/03/2019
31	Sibanye Kroondal Platinum Mine	Million (1)	08/06/2022	27/10/2021
32	Spitzkop Colliery	Thousand (1)	14/06/2022	10/03/2021
33	Tharisa Minerals Mining	Million (4)	05/07/2022	28/09/2015
34	Usutu Colliery	Thousand (7)	11/07/2022	Never
35	Tselentis Colliery	Thousand (20)	14/07/2022	05/09/1991
36	Phola Coal Processing Plant	Thousand (8)	24/07/2022	Never
37	Halfgewonnen Colliery	Thousand (16)	29/07/2022	10/01/2006



**Occupational Health and Safety Report:
DECEMBER 2022**

No	Mine	Award	Date recorded	Last fatality (prior to achievement)
38	Impala Platinum 16 shaft	Million (1)	03/08/2022	27/11/2021
39	Impunzi Central Plant	Thousand (20)	10/08/2022	08/11/1998
40	ATC Plant	Thousand (20)	10/08/2022	02/12/2001
41	Harmony Phakisa Mine	Million (1)	16/08/2022	15/07/2021
42	Magareng Mine	Thousand (2)	17/08/2022	20/10/2020
43	Tweefontein Open Cut	Thousand (2)	23/08/2022	10/11/2019
44	New Vaal Colliery	Thousand (17)	31/08/2022	09/03/2015
45	Impala Platinum Services	Million (15)	02/09/2022	26/07/2001
46	Kloof Mine	Million (3)	18/09/2022	19/09/2021
47	Driefontein Mine	Million (1)	20/09/2022	19/01/2022
48	Cullinan Diamond Mine	Million (3)	20/09/2022	06/04/2017
49	Kloof Mine	Million (2)	04/10/2022	21/09/2021
50	Assore Wonderstone Mine	Thousand (4)	10/10/2002	Never
51	Mototolo: Borwa Mine	Thousand (9)	11/11/2022	18/10/2011
52	Harmony Kalgold	Million (4)	11/11/2022	01/10/1991
53	Mototolo Mine Concentrator	Thousand (14)	23/11/2022	Never
54	Booyse dal Platinum Mine	Million (8)	24/11/2022	Never
55	Dorstfontein Colliery West Mine	Thousand (9)	06/12/2022	15/03/2012