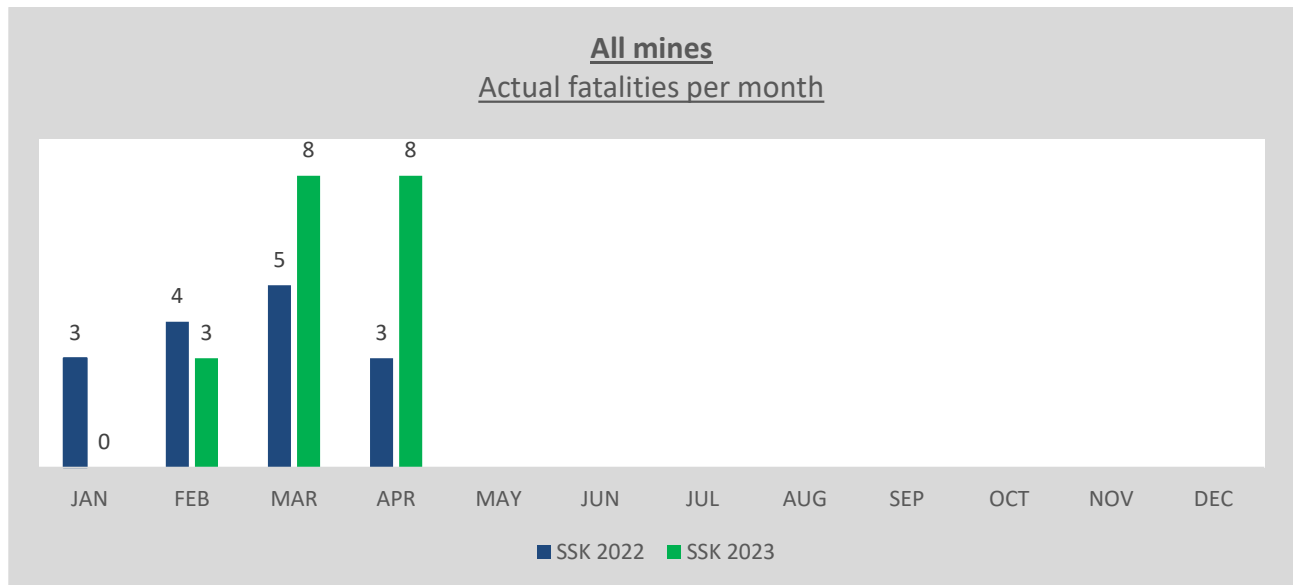




## 1. OVERALL FATALITIES PER MONTH

During the month of April 2023, **eight (8)** fatalities were reported whilst during the same period in 2022 **three (3)** mine workers were fatally injured. Fatalities reported for the year up to April 2023 were **nineteen (19)** while **fifteen (15)** were reported over the same period in 2022. This translates to a regression in the number of fatalities of 27% year on year.



## 2. STATISTICS OF FATALITIES BY REGION

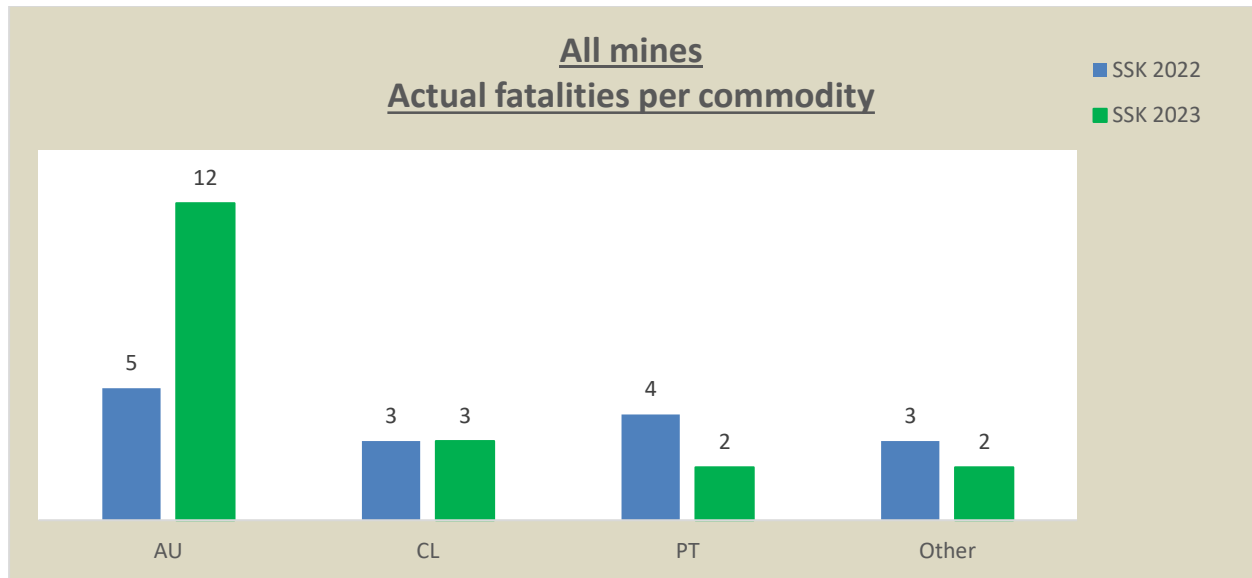
The table below illustrates the progressive performance of each region with regard to fatalities. During the month of April 2023, **eight (8)** of the **ten (10)** regions had not reported any fatalities.

	WC	NC	FS	EC	KZN	MP	LP	GP	NW-KLD	NW-RST	TOTAL
JAN	0	0	0	0	0	0	0	0	0	0	0
FEB	0	1	0	0	0	1	0	0	0	1	3
MAR	0	1	1	0	0	2	0	2	1	1	8
APR	0	0	0	0	0	1	0	7	0	0	8
TOTAL	0	2	1	0	0	4	0	9	1	2	19

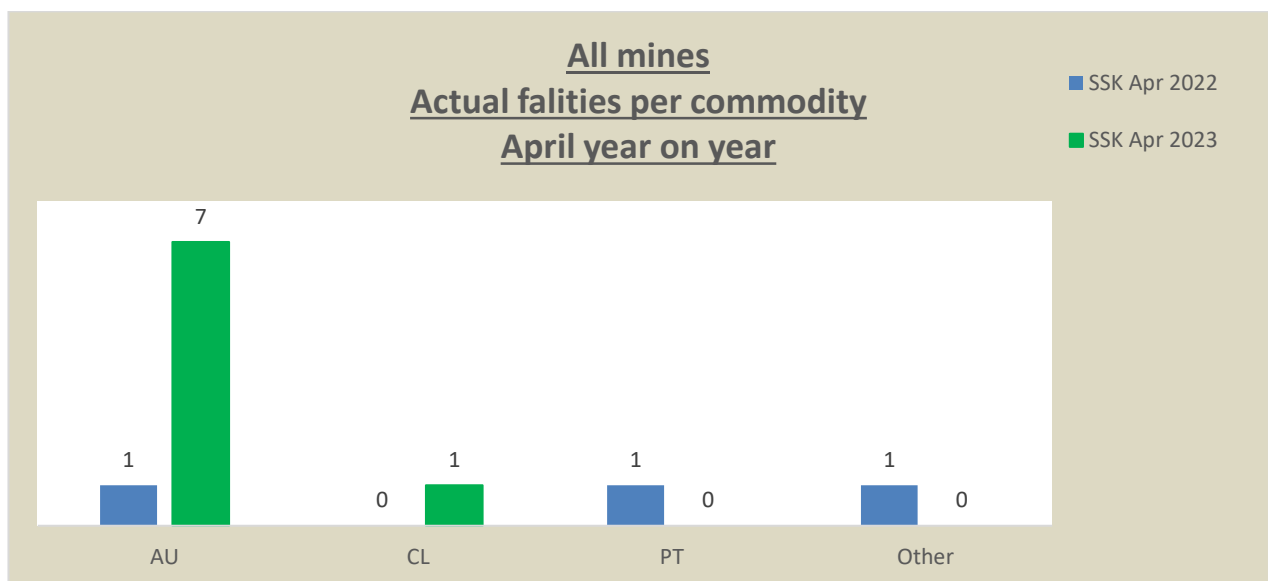
## 3. ANALYSIS OF FATALITIES BY COMMODITY

For the purpose of the analysis, commodities are grouped into gold (AU), platinum (PT), coal (CL) and other mines (Iron ore, Diamond).

- 3.1** The comparison of fatalities for the year up to April 2023 and 2022 is reflected on the graph below and shows decreases in fatalities of 50% and 33% in the platinum and other mines sectors respectively while the gold sector shows an increase in fatalities of 140% and the coal sector shows no change.

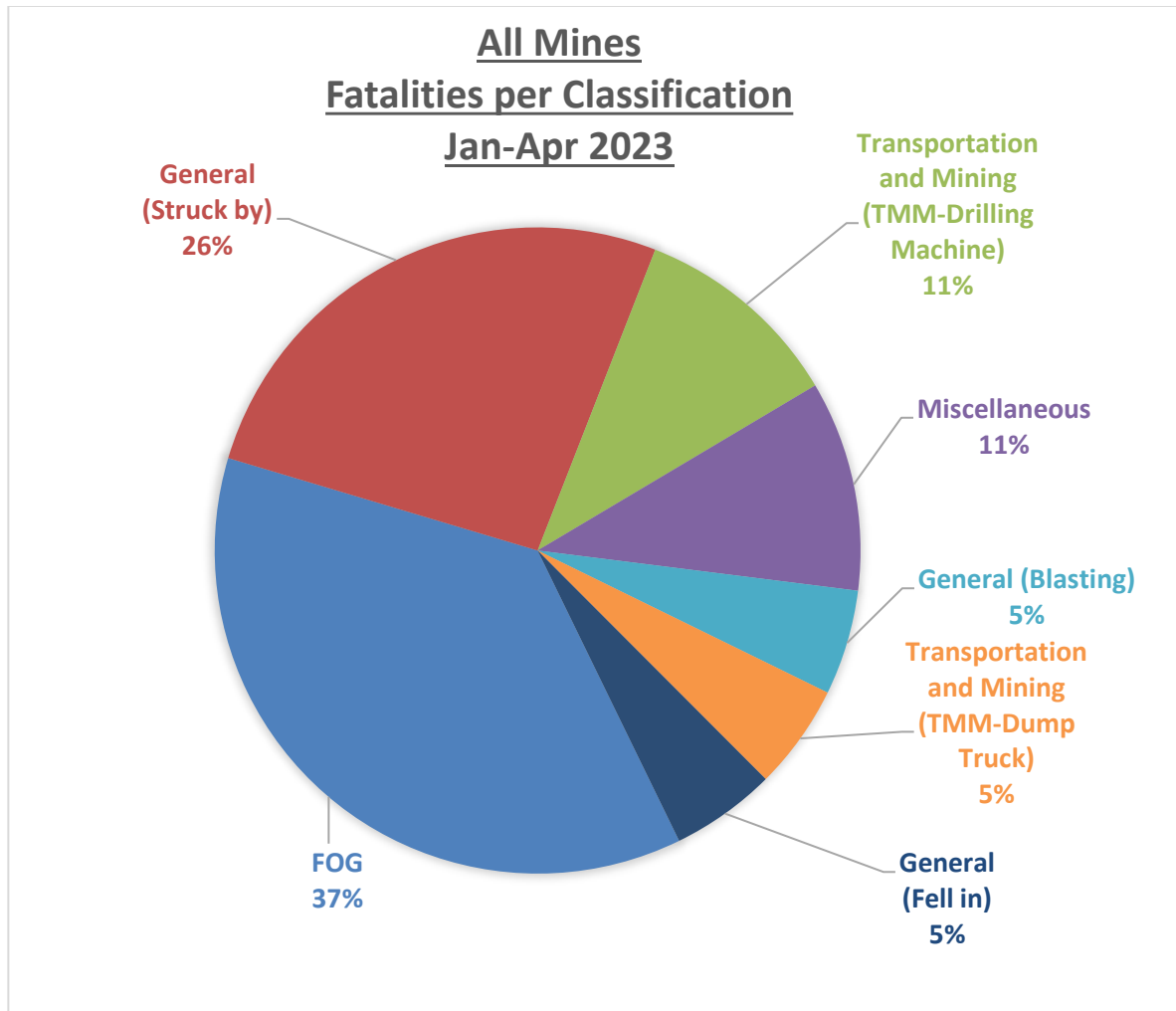


3.2 In April 2023, the gold sector had reported **seven (7)** fatalities, the coal sector **one (1)**, while the platinum and the other mines sectors had reported **none (0)**.



#### 4. ANALYSIS OF FATALITIES BY CLASSIFICATION – ALL MINES

The graph below shows the causes of fatalities per classification for the year to April 2023.



#### 4.1 Fall of ground (FOG) 37%

There were **seven (7)** fatalities reported this year in March 2023 in this category. **One (1)** was reported at a diamond mine, **one (1)** at a platinum mine and **five (2)** at the gold mines. **Two (2)** fall of ground accidents were seismic induced and **five (5)** were gravity induced.

#### 4.2 General (Struck by) 26%

There were **five (5)** fatalities reported for this year in 2023 in this category, all at the gold mines. Four (4) fatalities were reported in April 2023 in this category. The now deceased four (4) employees were fatally injured when they were struck by the gantry that had collapsed. One (1) more employee who had sustained injuries in the same accident was airlifted to a private hospital. The employees were in the process of installing a pulley on the surface conveyor using a 140-ton crane. As the pulley was being aligned, the gantry collapsed, fatally injuring four (4) employees.

#### 4.3 Transportation and Mining (TMM-Drilling Machine) (11%)

There were **two (2)** fatalities reported this year in 2023 in this category, one (1) at an iron ore mine and one (1) at a coal mine. None were reported in April 2023.



#### 4.4 Miscellaneous 11%

Miscellaneous classification refers to a fatality the cause of which is yet to be determined, pending investigations, inquiries or post-mortems. There was **one (1)** fatality reported for this year in April 2023 in this category at a coal mine. The now deceased woman Drill Operator was found on the floor of the drill rig cabin by the Drill Assistant. The now deceased had just relocated the drill rig for the next hole to be drilled and she had told her Assistant that she was taking a fatigue break. Her Assistant went out at the same time to measure the holes that had been drilled. When the Assistant got back in the cab, the now deceased was discovered. The ambulance was called but the now deceased could not be resuscitated.

#### 4.5 General (Blasting) 5%

There was **one (1)** fatality reported for this year in 2023 in this category at a platinum mine. **None (0)** were reported in April 2023.

#### 4.6 Transportation and Mining (TMM-Dump Truck) (5%)

There was **one (1)** fatality reported this year in 2023 in this category at a coal mine. **None (0)** were reported in April 2023.

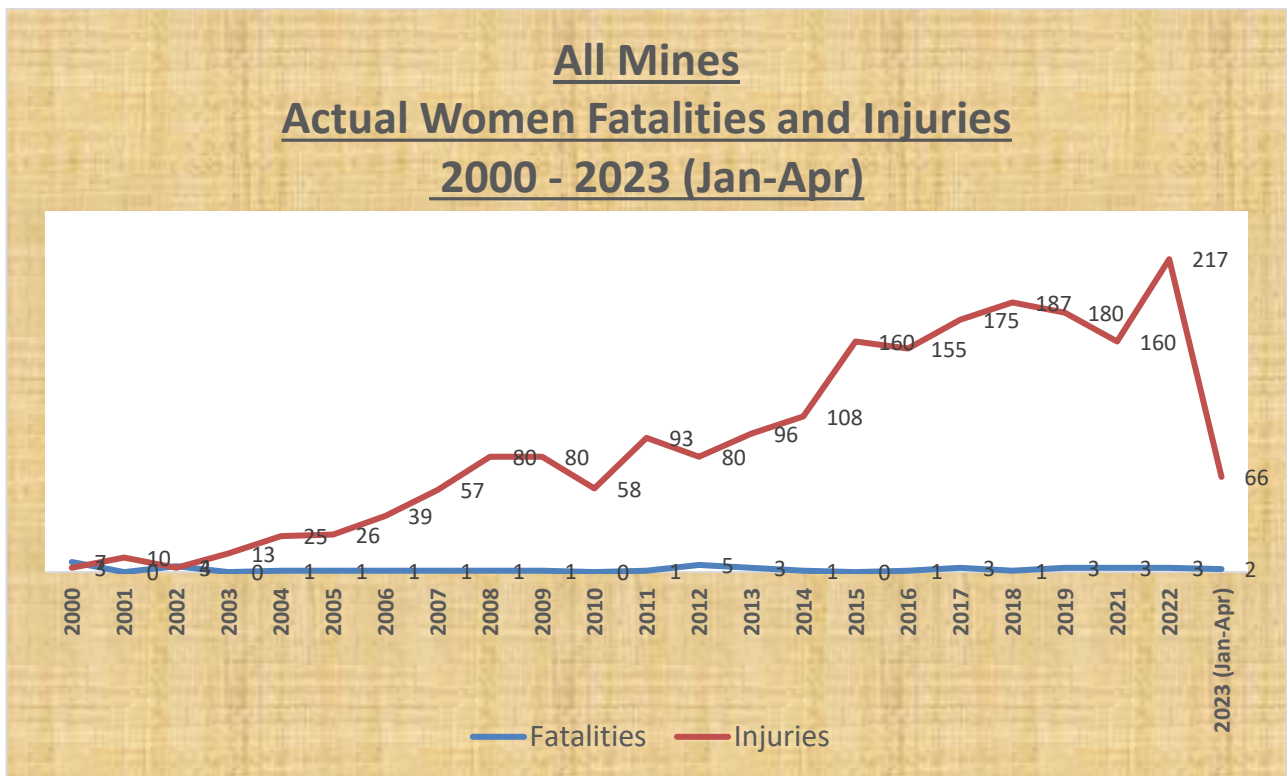
#### 4.7 General (Fell in) 5%

There was **one (1)** fatality reported for this year in 2023 in this category at a gold mine. **None (0)** were reported in April 2023.



### 5. Women Employees

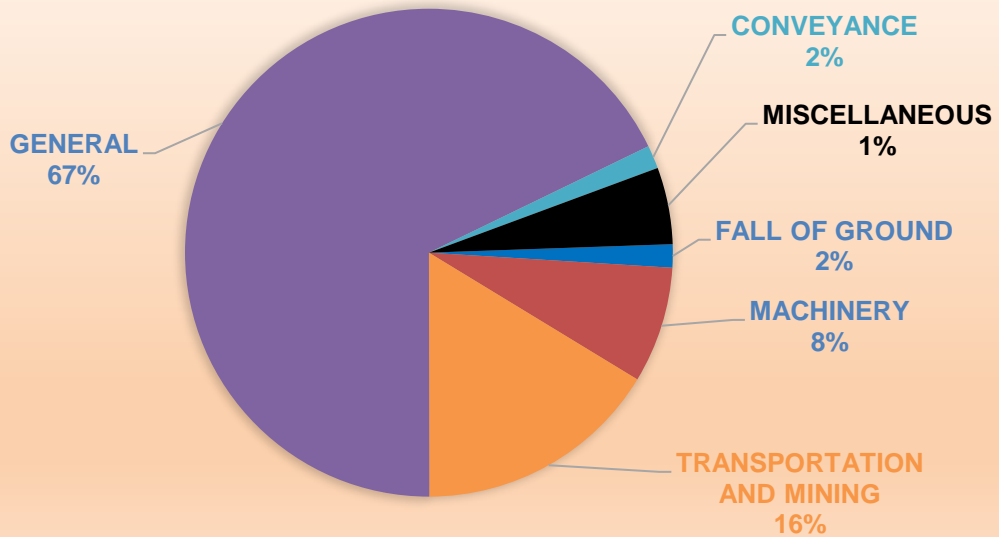
5.1 The number of women employees has steadily increased in the South African mining industry and the graph below shows injuries and fatalities to women employees across all commodities from 2000 to April 2023.



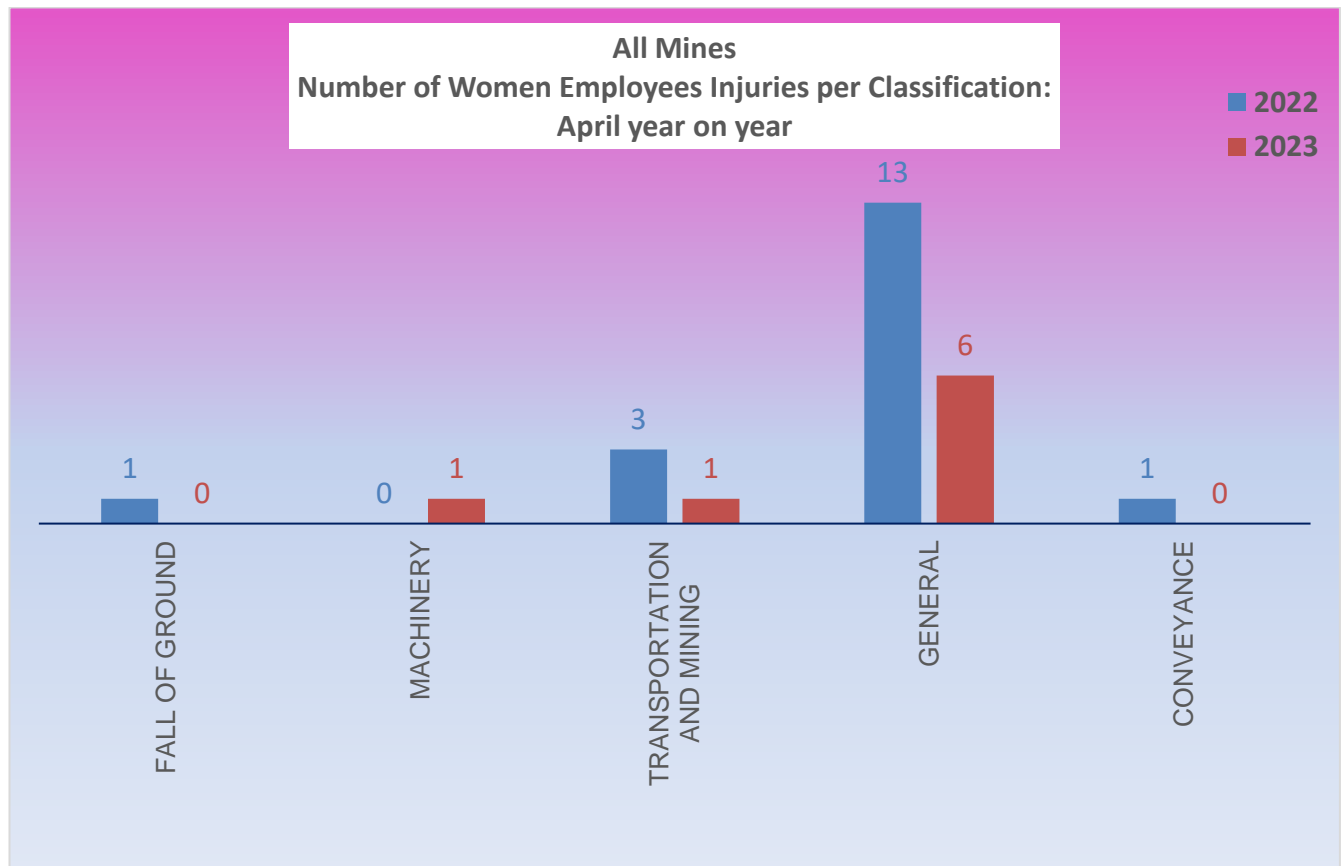
5.2 The graph below shows the classification of injuries to women employees across all commodities from January to April 2023:



**ALL MINES**  
**WOMEN EMPLOYEES INJURIES PER CLASSIFICATION:**  
**JAN-APR 2023**



5.3 The graph below shows the comparison of injuries to women employees across all commodities in April 2023 and April 2022:





## 6. FATALITIES AND INJURIES

### 6.1 FATALITIES

The table below reflects the number of fatalities that were reported for the months of January to April 2023 and 2022 per mine, per commodity.

	Jan-Apr 2022	Jan-Apr 2023
<b>Gold Mines</b>	<b>5</b>	<b>12</b>
<b>Platinum Mines</b>	<b>4</b>	<b>2</b>
<b>Coal Mines</b>	<b>3</b>	<b>2</b>
<b>Other Mines</b>	<b>3</b>	<b>2</b>
<b>TOTAL</b>	<b>15</b>	<b>19</b>

### 6.2 MINE INJURIES

The table below reflects the number of injuries that were reported for the year to April 2023 and 2022 per the classification of the accident.

	Injuries		
	Jan-Apr 2022	Jan-Apr 2023	% Change
<b>FALL OF GROUND</b>	<b>92</b>	<b>89</b>	<b>-3</b>
Rockburst	12	13	8
Strainburst	10	7	-30
Gravity	70	69	-1
<b>MACHINERY</b>	<b>47</b>	<b>46</b>	<b>-2</b>
Conveyor belts	11	15	36
Drives, Belts and chains	5	5	0
Portable power tools	22	19	-14
Other machinery (not included in TMM)	9	7	-22
<b>RAILBOUND</b>	<b>37</b>	<b>37</b>	<b>0</b>
Locomotive	8	6	-25
Locomotive drawn vehicle	6	6	0
Rerailing	6	5	-17
Coupling/uncoupling	9	11	22
Rocker arm shovel	3	1	-67
Personnel transport	1	2	100
Hand trammed	2	5	150
Other Transport	2	1	-50
<b>WINCHES</b>	<b>35</b>	<b>27</b>	<b>-23</b>
Scraper Winch Installation	24	21	-13
Single drum winch	4	0	-100
Double drum winch	4	3	-25



	Jan-Apr 2022	Jan-Apr 2023	% Change
Mono rope/rail	3	3	0
<b>TRACKLESS MOBILE MACHINES</b>	<b>33</b>	<b>44</b>	<b>33</b>
Tractor/Trailer	2	1	-50
Coal Mining Machines	1	1	0
Mechanical Loaders	5	6	20
Transporters	6	9	50
Motor vehicles	5	3	-40
T&M lifting machines	2	7	250
T&M mobile drilling machines	9	16	78
Other Transport	3	1	-67
<b>GENERAL</b>	<b>390</b>	<b>347</b>	<b>-11</b>
Fall of material/rolling rock	53	49	-8
Manual handling of material	105	83	-21
Manual handling of mineral	18	9	-50
Falling in/from	10	11	10
Slipping and falling	132	124	-6
Burning and scalding	19	9	-53
Splinters	5	5	0
Dust, gas and fumes	4	21	425
Inundation/Drowning	1	0	-100
Struck by ventilation door	1	3	200
Struck by any object manual handling	42	33	-21
<b>Conveyance accidents (shaft/winze)</b>	<b>7</b>	<b>6</b>	<b>-14</b>
<b>Electricity (Not causing fires)</b>	<b>4</b>	<b>6</b>	<b>50</b>
<b>Fires</b>	<b>5</b>	<b>1</b>	<b>-80</b>
<b>Explosives</b>	<b>1</b>	<b>4</b>	<b>300</b>
<b>Occupational Diseases</b>	<b>1</b>	<b>0</b>	<b>-100</b>
<b>Heat sickness</b>	<b>0</b>	<b>1</b>	<b>100</b>
<b>Miscellaneous</b>	<b>0</b>	<b>20</b>	<b>2000</b>
<b>TOTAL</b>	<b>652</b>	<b>628</b>	<b>-4</b>



## 7. OCCUPATIONAL MEDICINE DMRE FY Q3 REPORT: FY 2022/23 (Apr-Mar 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-March 2022/23, the mines reported a total of **1 592** occupational diseases from the Health Incident Reports (HIRs) submitted when compared to **1 403** cases reported during the same period in 2021/22.

#### Calculation of the percentage change:

$$(1\ 592 - 1\ 403) / 1\ 403 * 100 = 13.47\%$$



### 7.3 ANALYSIS OF OCCUPATIONAL DISEASES REPORTED PER REGION

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

	EC		FS		GR		KZN		LP		Mpu		NC		NW: K		NW: R		WC		TOTAL		Percentage change
	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	Q4 2021/22	Q4 2022/23	
PTB	0	2	75	102	124	121	8	11	22	36	76	53	4	20	67	58	189	189	1	2	566	594	4.95
Sil+TB	0	0	3	12	10	6	0	0	0	0	0	0	0	0	7	6	1	1	0	0	21	25	19.05
MDR-TB	0	0	2	3	2	1	0	0	0	1	3	2	0	1	1	0	2	8	0	0	10	16	60.00
XDR-TB	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	-100.00
Silicosis	0	0	81	138	51	38	1	0	1	1	0	6	0	1	55	31	10	21	0	0	199	236	18.59
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	9	8	0	0	0	0	0	0	0	0	11	11	0.00
COAD	0	0	21	35	3	6	0	0	0	0	9	2	0	0	7	7	14	32	0	0	54	82	51.85
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	46	49	128	171	4	1	20	16	43	36	6	11	82	30	153	257	16	6	498	577	15.86
Occ skin diseases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	11	0	0	7	11	57.14
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	1	0	2	0	0	2	11	0	0	2	14	600.00	
Progressive massive fibrosis	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	#DIV/0!
Other occ diseases	0	0	1	2	0	3	1	0	1	5	4	0	1	1	0	0	17	5	0	0	25	16	-36.00
<b>Total</b>	<b>0</b>	<b>2</b>	<b>230</b>	<b>344</b>	<b>324</b>	<b>350</b>	<b>14</b>	<b>12</b>	<b>47</b>	<b>59</b>	<b>144</b>	<b>110</b>	<b>13</b>	<b>38</b>	<b>220</b>	<b>132</b>	<b>394</b>	<b>537</b>	<b>17</b>	<b>8</b>	<b>1403</b>	<b>1592</b>	<b>13.47</b>



## 7.4 ANALYSIS OF OCCUPATIONAL DISEASES REPORTED BY COMMODITY

- 7.4.1 The table below shows a comparison of occupational diseases reported by sector during April-March 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 analysis of the silicosis cases in gold mines as shown on Figure 6.1 and the noise induced hearing loss (NIHL) cases by commodity (*chrome, coal, gold and platinum*) as depicted on Table 7.1 to Table 7.4 is evident of the lag time between workplace exposures (e.g., respirable silica bearing dust and noise) and the onset of occupational diseases:

## Occupational Health and Safety Report: APRIL 2023

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

	Gold		Platinum		Coal		Diamond		Copper		Chrome		Manganese		Iron Ore		Other mines		TOTAL	
	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4	Q4
	2021/22	2022/23	2021/22	2022/23	2021/22	2022/23	2021/22	2022/23	2021/22	2022/23	2021/22	2022/23	2021/22	2022/23	2021/22	2022/23	2021/22	2022/23	2021/22	2022/23
PTB	271	282	192	204	75	56	2	8	0	1	14	15	1	9	1	6	10	13	566	594
Sil+TB	20	24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	25
MDR-TB	8	5	2	9	0	1	0	0	0	0	0	0	0	1	0	0	0	0	10	16
XDR-TB	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0
Silicosis	187	210	11	24	1	0	0	0	0	0	0	0	0	0	0	0	0	2	199	236
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	11	11	0	0	0	0	0	0	0	0	0	0	0	0	11	11
COAD	32	48	14	32	8	2	0	0	0	0	0	0	0	0	0	0	0	0	54	82
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	265	260	164	268	34	23	0	6	0	0	8	6	1	1	3	2	23	11	498	577
Occ skin diseases	1	0	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	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	2	11	0	1	0	0	0	0	0	0	0	0	2	0	0	2	14	
Progressive massive fibrosis	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Other occ diseases	3	5	18	7	2	0	0	1	0	0	0	3	0	0	1	0	1	0	25	16
<b>Total</b>	<b>790</b>	<b>838</b>	<b>410</b>	<b>570</b>	<b>131</b>	<b>95</b>	<b>5</b>	<b>15</b>	<b>0</b>	<b>1</b>	<b>24</b>	<b>24</b>	<b>4</b>	<b>11</b>	<b>5</b>	<b>12</b>	<b>34</b>	<b>26</b>	<b>1403</b>	<b>1592</b>
<b>Percentage change</b>	<b>6.08</b>		<b>39.02</b>		<b>-27.48</b>		<b>200.00</b>		<b>#DIV/0!</b>		<b>0.00</b>		<b>175.00</b>		<b>140.00</b>		<b>-23.53</b>		<b>13.47</b>	



## 7.5 ANALYSIS OF OCCUPATIONAL DISEASES BY DISEASE CLASSIFICATION GROUPS

### 7.5.1 OCCUPATIONAL LUNG DISEASES (OLD)

During April-March 2022/23, the mines reported a total of **974** occupational lung diseases (OLD) cases when compared to **871** 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 **236** silicosis cases during April-March 2022/23 from **199** cases reported during the same period in 2021/22. The gold sector reported **210** cases, and the platinum sector reported **24** cases. The coal workers' pneumoconiosis (CWP) cases reported by coal mines has remained unchanged at **11** cases for both reporting periods.

#### 7.5.1.2 PULMONARY TUBERCULOSIS (PTB)

During April-March 2022/23, the mines reported a total of **594** pulmonary tuberculosis (PTB) cases from **566** cases reported in the same period of 2021/22. The gold sector reported **282** PTB cases which is the highest number; followed by platinum with **204** cases, and coal with **56** cases. The multidrug-resistant TB (MDR-TB) reported has increased slightly from **10** to **16** cases. No cases of extensively drug-resistant TB (XDR TB) were reported, whilst **two** cases were reported during the previous reporting period.

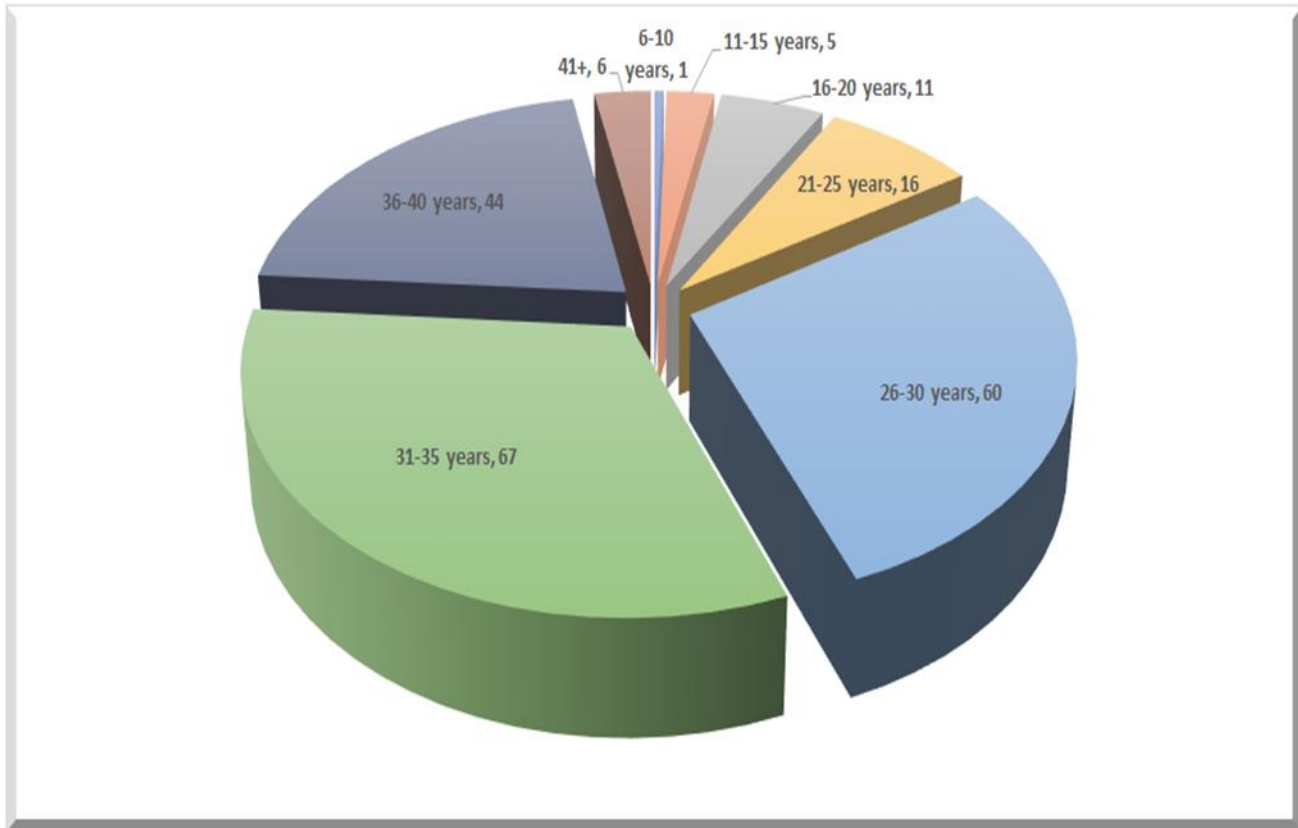
### 7.5.2 NOISE INDUCED HEARING LOSS (NIHL)

The mines reported a total of **577** noise-induced hearing loss (NIHL) cases during April-March 2022/23 from **498** cases reported during the same period in 2020/21. The platinum sector reported **268** cases which is the highest number; followed by gold with **260** cases; coal with **23** cases and chrome with **six** 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-March 2022/23



During April-March 2022/23, the gold sector reported **210** silicosis cases as illustrated on Figure 7.6.1 above. **One** accelerated silicosis case was reported with **≤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-MARCH 2022/23**

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

		Percentage loss of hearing (PLH)									
		10-15%	16-20%	21-25%	26-30%	31-35%	36-40%	41-45%	46-50%	>50%	Total
Gold	1 - 5	0	0	1	0	0	0	0	0	0	1
	6 - 10	1	2	0	0	0	1	0	0	0	4
	11-15	12	5	1	3	0	1	0	1	1	24
	16 - 20	24	3	4	0	0	1	0	0	0	32
	21-25	12	6	1	0	0	1	0	0	1	21
	26-30	23	6	2	3	0	1	0	0	1	36
	31-35	48	7	5	2	3	1	0	1	2	69
	36-40	35	10	5	0	1	3	2	0	1	57
	41+	5	6	2	2	1	0	0	0	0	16
	<b>Total</b>	<b>160</b>	<b>45</b>	<b>21</b>	<b>10</b>	<b>5</b>	<b>9</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>260</b>

The gold sector reported a total of **260** noise induced hearing loss (NIHL) cases during April-March 2022/23 as shown on table 7.1 above. The analysis is as follows:

- **One** case of **21-25%** percentage loss of hearing (PLH) with **≤1-5 years of service** in the mining industry.
- **One** case of **36-40%** with **≤6-10 years** of service.
- **Two** cases of **16-20%** and **one** case of **10-15%** with **≤6-10 years** of service respectively.



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

	Years of service	Percentage loss of hearing (PLH)									
		10-15%	16-20%	21-25%	26-30%	31-35%	36-40%	41-45%	46-50%	>50%	Total
Platinum	1 - 5	0	1	0	0	0	0	0	0	0	1
	6 - 10	3	2	1	0	0	0	0	0	0	6
	11-15	21	3	3	1	0	1	0	0	0	29
	16 - 20	23	8	5	0	1	0	0	0	0	37
	21-25	12	7	0	0	0	0	0	0	0	19
	26-30	19	7	5	0	0	0	0	0	0	31
	31-35	23	9	4	0	2	0	0	0	0	38
	36-40	45	20	11	2	2	1	0	0	0	81
	41+	9	6	7	1	2	0	1	0	0	26
	<b>Total</b>	<b>155</b>	<b>63</b>	<b>36</b>	<b>4</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>268</b>

Table 7.7.2 above shows a total of **268** noise induced hearing loss (NIHL) cases reported from the platinum sector during April-March 2022/23. The analysis is as follows:

- **One** case of **16-20%** PLH with **≤1-5 years** of service in the mining industry.
- **One** case of **21-25%** with **≤10 years** of service.
- **Two** cases of **16-20%** with **≤1-5 years** of service, and
- **Three** cases of **10-15%** with **≤10 years** of service.

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

	Years of service	Percentage loss of hearing (PLH)									
		10-15%	16-20%	21-25%	26-30%	31-35%	36-40%	41-45%	46-50%	>50%	Total
Coal	1 - 5	0	0	0	1	0	0	0	0	0	1
	6 - 10	1	0	0	0	0	0	0	0	0	1
	11-15	1	1	0	1	0	0	0	0	0	3
	16 - 20	4	1	0	0	0	0	0	0	0	5
	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	1	0	1	0	0	0	0	0	2
	36-40	3	2	0	0	0	0	0	0	0	5
	41+	2	0	0	0	0	0	0	0	0	2
	<b>Total</b>	<b>14</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>

During April-March 2022/23, the coal sector reported a total of **23** cases as illustrated on table 7.3 above. The analysis showed the following:

- **One** case of **26-30%** PLH with **≤5 years** of service in the mining industry, and
- **One** case of **10-15%** with **≤10 years** of service.



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

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

The chrome mines reported **six** 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**

The cases of occupational lung diseases (OLD), noise induced hearing loss (NIHL), musculoskeletal disorders (MSDs) and occupational skin diseases are the major contributors to an increase noted on the total number of cases reported during April-March 2022/23.

**7.10 RECOMMENDATIONS**

The mines should put more effort implementing engineering controls to reduce the generation of exposures (*airborne pollutants and noise*) at source to reduce the incidence of occupational lung diseases (OLD) and noise induced hearing loss (NIHL). The prevalence of musculoskeletal disorders (MSDs) and occupational skin diseases in the platinum sector requires mines to review their risk management and ensure multistakeholder collaboration to mitigate the harmful effects of ergonomic hazards and hazardous chemical substances used in the mining activities.



## **8. STATUS REPORT ON THE MINE HEALTH AND SAFETY COUNCIL (MHSC) AWARD SCHEME 2023**

**Table 8.1 Mines that have achieved the safety awards:**

<b>NO</b>	<b>MINE</b>	<b>AWARD</b>	<b>DATE RECORDED</b>	<b>DATE OF LAST FATALITY (prior to this achievement)</b>
1	Impala Platinum 11 Shaft	Million (2)	09/01/2023	05/09/2014
2	Forzando Colliery South Mine	Thousand (18)	23/01/2023	Never
3	Middelburg Townlands Colliery	Thousand (16)	29/01/2023	Never
4	Venetia Diamond Mine	Million (8)	31/01/2023	25/03/2018
5	Dorfontein Colliery East Mine	Thousand (12)	18/02/2023	Never
6	Black Rock Mine Operations	Million (11)	23/02/2023	23/04/2009
7	Impala Platinum 12 Shaft	Million (2)	24/02/2023	18/05/2020
8	Driefontein Gold Mine	Million (2)	27/02/2023	19/01/2022
9	Modikwa Platinum Mine	Million (1)	04/03/2023	10/06/2022
10	Kloof Gold Mine	Million (1)	10/03/2023	08/10/2022
11	Helena Mine	Thousand (7)	15/03/2023	20/09/2016
12	Goedgevonden Colliery	Thousand (16)	16/03/2023	23/06/2008
13	Target 1 Gold Mine	Million (1)	28/03/2023	03/02/2021
14	Isibonelo Colliery	Thousand (13)	29/03/2023	11/06/2005
15	Impala Platinum 10 Shaft	Million (3)	15/04/2023	17/06/2019
16	Thornccliffe Mine	Thousand (5)	18/04/2023	27/08/2018
17	Forzando Colliery North Mine	Thousand (25)	26/04/2023	15/06/1999
18	Greenside Colliery	Thousand (10)	27/04/2023	20/02/2013
19	Mototolo Lebowa Mine	Thousand (14)	13/05/2023	Never