

SAFETY IN THE MINING INDUSTRY: PERFORMANCE AT A GLANCE

July 2021



MINERALS COUNCIL
SOUTH AFRICA



Gold Fields - South Deep

In 2020, the industry saw an 18% regression in fatalities with 60 compared to the 51 in 2019.

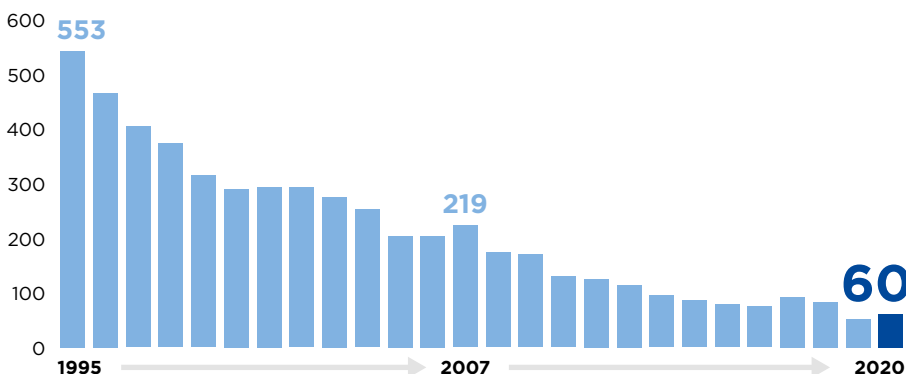
Overview of performance to date

The mining industry recorded a disappointing 18% increase in fatalities in 2020 with 60 fatalities, compared to 51 in 2019. This is despite the shut-down and reduced operations during the early stages of lock-down in 2020.

The 2019 number of fatalities saw a significant reduction to a level never achieved in South Africa's mining history, a tribute to intensive collaboration between role players. However, 2020 saw a deterioration, even though fewer person hours were worked due to the COVID-19 lockdown. The impact that the COVID-19 pandemic may have had on safety performance as well as an introspection into the root causes of accidents is currently receiving urgent, intensive and detailed attention during 2021.

The industry however recorded a 26% decrease in injuries from 2,452 in 2019 to 1,814 in 2020 - the highest improvement recorded in the last five years, above the annual milestone reduction target of 20%.

Fatalities: 1995-2020



Source: Department of Mineral Resources and Energy

QUICK FACTS

22

FALL OF GROUND MAIN
FATALITY CAUSE IN 2020

2020

SAFETY PERFORMANCE
REGRESSION IN ALL
COMMODITIES EXCEPT
PLATINUM

26%

IMPROVEMENT IN
OVERALL INJURIES
IN 2020



JOURNEY TOWARDS
ZERO HARM:

SAFETY MILESTONES

Fatalities by commodity

Commodity	2019	2020	% change
Platinum	20	16	(20)
Gold	18	26	44
Coal	7	11	57
Other*	6	7	17
Total	51	60	18

Source: Department of Mineral Resources and Energy

* Other includes diamonds, chrome, copper, iron ore and all others not specified

Injuries by commodity

Commodity	2019	2020	% change
Platinum	1,156	782	(20)
Gold	766	620	(19)
Coal	224	146	(35)
Other*	306	266	(32)
Total	2,452	1,814	(26)

Source: Department of Mineral Resources and Energy

* Other includes diamonds, chrome, copper, iron ore and all others not specified

Causes of fatalities

Commodity	2019	2020	% change
Fall of ground	20	22	10
Transport and mining	15	9	(40)
General*	7	18	157
Other**	9	11	22
Total	51	60	18

Source: Department of Mineral Resources and Energy

* General includes struck, falling, drowning, inundation, mud rush, burning and scalding

** Other includes electricity, fires, explosives, heat exhaustion and miscellaneous

2024 MILESTONES

Fatalities

Every fatality is one too many. We will eliminate fatalities by December 2024. During the 2014 MHSC Summit, all stakeholders agreed that we needed to accelerate the elimination of fatalities.

An 18% regression
in fatalities in 2020 of 60 compared to 51 in 2019.

1996	Mine Health and Safety Act introduced Mine Health and Safety Council (MHSC) established
2009	Mining Industry Occupational Safety and Health (MOSH) Learning Hub established
2010	Health and safety included in revised Mining Charter
2011	Culture Transformation Framework approved by tripartite stakeholder principals
2012	CEO Zero Harm Forum established
2014	Tripartite stakeholders agree on 2014 milestones for health and safety Centre of Excellence launched
2016	Tripartite stakeholders sign declaration of actions (pledge) as step-change in improving industry occupational health and safety performance, harnessing achievement of 2024 milestones and accelerating industry's journey to zero harm
2017	MOSH fall of ground task team established
2018	National Day of Safety and Health in Mining 2018 launched Summit on Occupational Health and Safety held by the MHSC
2019	CEO Heartfelt Conversations held Khumbul'ekhaya health and safety strategy launched
2020	Culture transformation and Trackless Mobile Machinery (TMM) Regulations implementation readiness initiatives approved as special projects Principals Occupational Health and Safety meeting held Khumbul'ekhaya strategy continued with focus on holistic approach to eliminating fatalities as a result of safety and health incidents National Day of Health & Safety in Mining 2020 launch with a focus on COVID-19 and gender-based violence

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