

FACT SHEET / NOVEMBER 2021

SAFETY IN THE MINING INDUSTRY PERFORMANCE AT A GLANCE

Gold Fields – South Deep



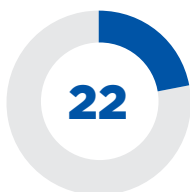
MINERALS COUNCIL SOUTH AFRICA

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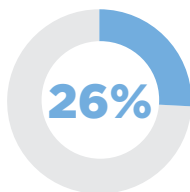


In 2020, the industry saw an 18% regression in fatalities with 60 compared to the 51 in 2019.

QUICK FACTS



fall of ground main fatality cause in 2020



improvement in overall injuries in 2020



safety performance regression in all commodities except platinum

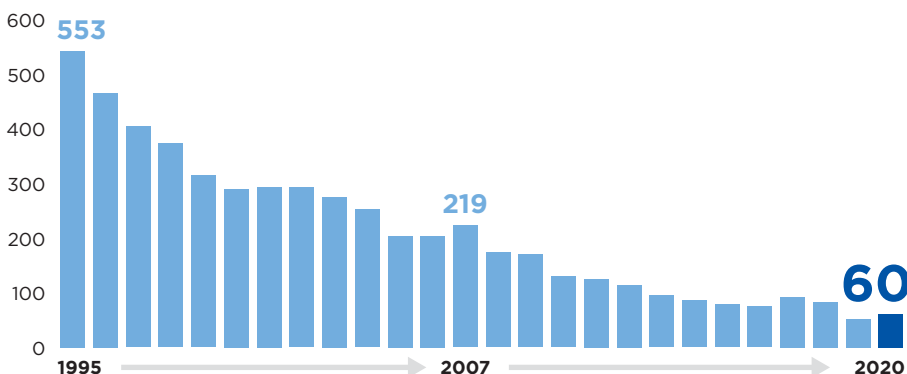
OVERVIEW OF PERFORMANCE TO DATE

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

The COVID-19 pandemic impact on safety performance as well as an introspection into the root causes of accidents is currently receiving urgent attention.



JOURNEY TOWARDS ZERO HARM: SAFETY MILESTONES

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 2014 milestones and accelerating industry's journey to zero harm
2017	MOSH fall of ground task team established National Day of Safety and Health in Mining 2018 launched
2018	Summit on Occupational Health and Safety held by the MHSC CEO Heartfelt Conversations held
2019	Khumbul'ekhaya health and safety strategy launched Culture transformation and Trackless Mobile Machinery (TMM) Regulations implementation readiness initiatives approved as special projects Principals Occupational Health and Safety meeting held
2020	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

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 MILESTONE

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.



in fatalities in 2020 of 60 compared to 51 in 2019.

MINERALS COUNCIL SOUTH AFRICA

T +27 11 498 7100

E info@mineralscouncil.org.za

@Mine_RSA www.facebook.com/Mine

MEDIA

Allan Seccombe

E aseccombe@mineralscouncil.org.za

www.mineralscouncil.org.za

Rosebank Towers, 19 Biermann Avenue

Rosebank, Johannesburg, 2196

PO Box 61809, Marshalltown 2107

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