



WORLD CLASS MINERALS AND ENERGY SECTORS THROUGH SUSTAINABLE DEVELOPMENT

DEPARTMENT OF MINERALS AND ENERGY

Association of Mine Resident Engineers

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the dme

Department:
Minerals and Energy
REPUBLIC OF SOUTH AFRICA

Safety and the Regulator

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Introduction

Promote and Regulate Health and Safety in the mining Industry

- Improve turn about times
- Provide consistent and transparent enforcement
- Communicate consistent and reliable information on Mine Health and Safety
- Improve stakeholder engagements
- Address Health and Safety risks in mining

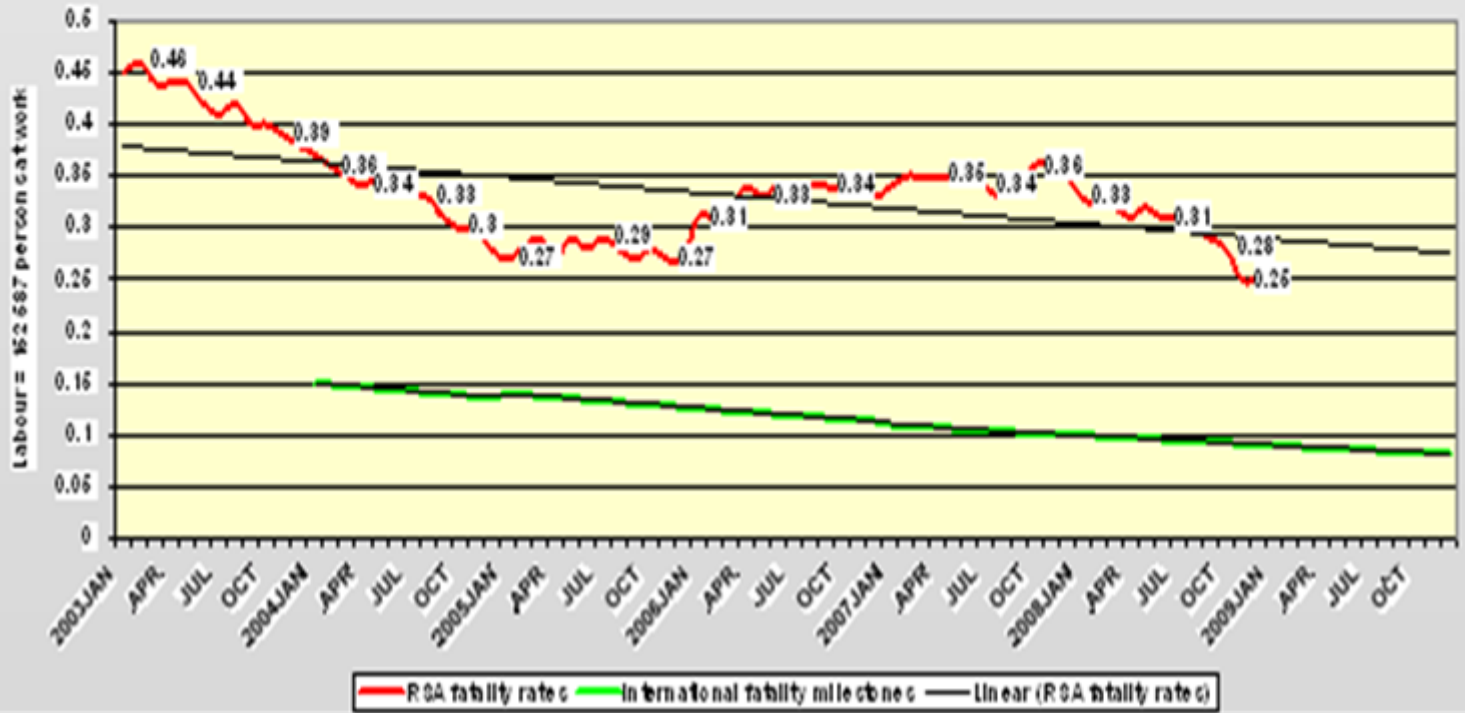
Accident statistics



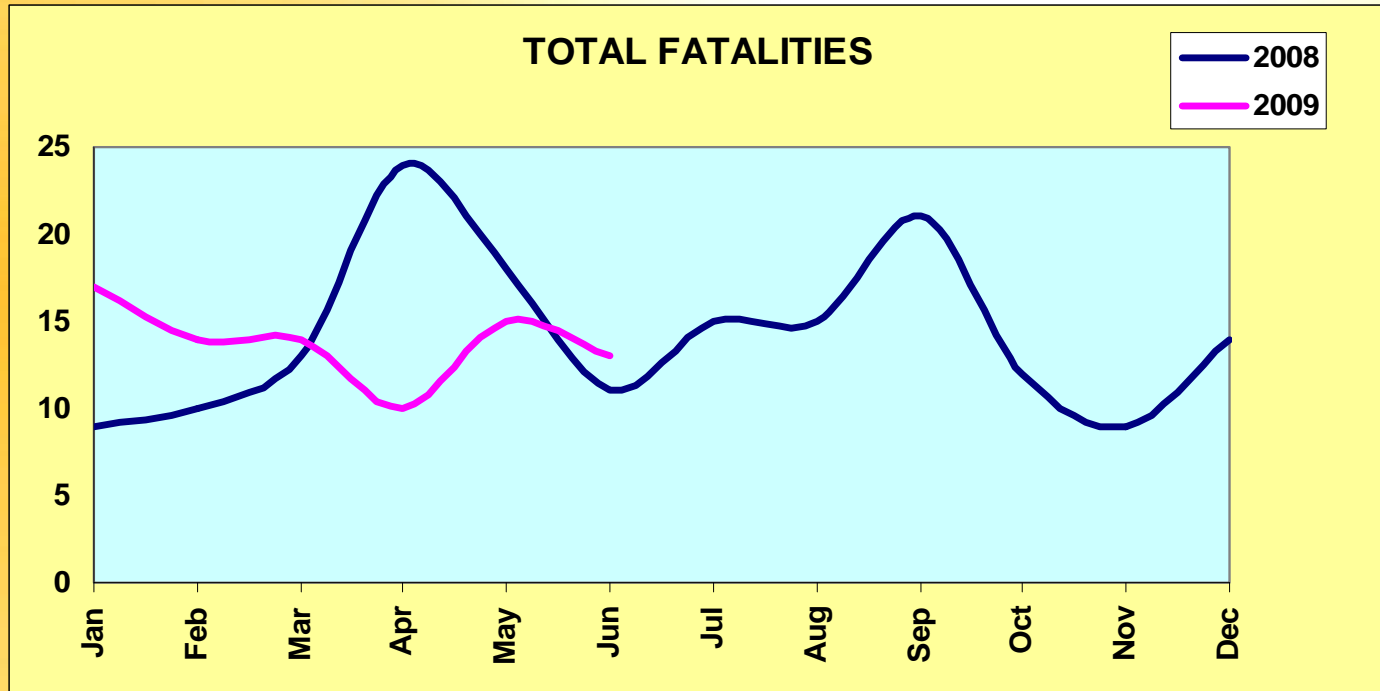
RSA Gold mines

Fatality rates per million hours worked

2003 - 2009



Accident Statistics



Trackless Mobile Machines(23%)

17 fatalities reported to date in 2009.

10 of these fatalities occurred when a mobile machine ran over or crushed an employee

7 fatalities occurred when the operator lost control of the mobile machine and either overturned or collided with other object.

Evenly spread between the underground and surface mines with
Platinum 5 fatalities.
Other mines 6 fatalities.
Coal mines 4 fatalities.
Gold mines 2 fatalities.





Rail bound Transport (8%)

7 fatalities due to railbound transport in 2009

6 railbound transport fatalities occurred where an employee's were crushed against sidewall or ran over by railbound transport

1 fatality was when railbound transport collided with each other.



Falling from Heights (8%)

7 fatalities reported due to falling from heights in 2009
These fatalities occurred on the surface areas.

Electricity (4%)

3 fatalities were due to electrocution (none in June 2009),
with the majority occurring in the underground environment.

Machinery (4%)

5 fatalities due to stationery machinery in 2009.
scraper winch 2
conveyor belts 2
a stacker/reclaimer 1



Explosives (1%)

1 fatality due to explosives in 2009

The reported fatality was when a miner was struck by flying rocks from the blasted face in an underground raise.

General (14%)

12 fatalities were general types of accidents.

falling objects 2

inundation 3

gassing 4

material handling 3.

Legislative Interventions

Presidential Audits
Legal Compliance

Audits

Inspections

Administrative Fines

Accident investigations and enquiries



Questions ??????????

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