



ILLEGAL USE OF EXPLOSIVES

National OHS Conference
Emperors Palace, Ekurhuleni

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SAPS Explosives Section Head Office



ON A JOURNEY TO A SAFER SOUTH AFRICA

Creating a safe and secure, crime free environment, that is conducive for
social and economic stability, supporting a better life for all.

#PatrioticandSelflessService

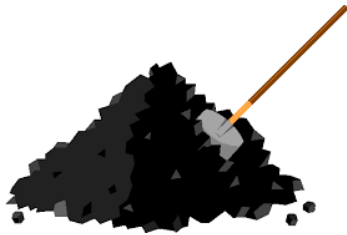


Layout



- What are explosives?
- Ideal explosives control cycle
- Explosives control tools
- Explosives regulators
- Illegal use of explosives
- Consequences of illegal use
- Improved control initiatives

Explosives = Friend or Foe?



What are explosives?



Black powder for muzzle loading firearms



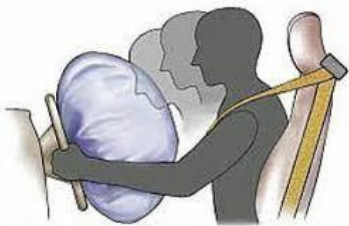
Commercial/
blasting
explosives



Military explosives/ordnance



Small arms
ammunition



Vehicle
airbags



Industrial blank cartridges



Consumer fireworks



Pyrotechnic
distress signals

Ideal explosives control cycle



.... from cradle to grave

Explosives control tools



Legislation



Commercial Explosives System



Permits & Licences

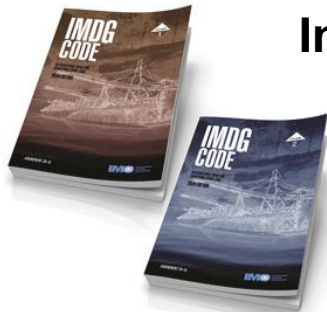


Inspections



UN
ORANGE BOOK
RECOMMENDATIONS
ON THE TRANSPORT
OF DANGEROUS
GOODS

International Instruments



National Standards



Interdepartmental Cooperation



Primary explosives regulators



South African Police Service (SAPS)

- Chief Inspector of Explosives (CIE)/
Explosives Section
- Registrar of Firearms/Firearms Control



The SAPS regulates explosives in terms of the Explosives Act, 1956 (Act No 26 of 1956) and certain ammunition in terms of the Firearms Control Act, 2000 (Act No 60 of 2000)

Primary explosives regulators



Department of Labour (DoL)

- Inspection & Enforcement Services
- Directorate Construction, Explosives and MHIs



Mining Services



The DoL issues explosives workplace licences to explosives factories in terms of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993). The SAPS authorises explosives manufactured at explosives factories, conducts explosives security inspections at such factories and issues transport permits for explosives.

Primary explosives regulators



Department of Mineral Resources (DMR)

- Mine Health & Safety Inspectorate



The DMR regulates explosives in terms of the Mine Health and Safety Act, 1996 (Act No 29 of 1996) at mines. The SAPS may conduct joint audits with the DMR at mines with questionable explosives control practices.

Secondary explosives regulators



Department of Defence (DoD)

- Directorate Conventional Arms Control (DCAC)
- National Conventional Arms Control Committee (NCACC)



The DoD regulates conventional arms and military explosives in terms of the Conventional Arms Control Act, Act, 2002 (Act No 41 of 2002). The SAPS endorses DCAC permits and issues supporting Explosives Act permits for explosive ordnance and military explosives.

Secondary explosives regulators



Department of Trade and Industry (DTI)

- Non Proliferation Council (NPC)
- South African Bureau of Standards (SABS)



**SOUTH AFRICAN COUNCIL FOR
THE NON-PROLIFERATION OF
WEAPONS OF MASS DESTRUCTION**

SABS

The DTI's NPC regulates weapons of mass destruction, and certain related explosives and chemicals in terms of the Non-Proliferation of Weapons of Mass Destruction Act, 1993 (Act No 87 of 1993). The DTI's SABS establishes various national standards related to the classification, transport and testing of explosives. The SAPS endorses NPC issued permits and issues supporting Explosives Act permits for certain regulated articles and substances.

Secondary explosives regulators



Department of Transport (DoT)

- Road Traffic Management Corporation (RTMC)
- Civil Aviation Authority (CAA)
- Railway Safety Regulator (RSR)
- South African Maritime Safety Authority (SAMSA)



The DoT regulates the transportation of dangerous goods, including explosives, by all modes (road, rail, air and sea) through various directorates and national legislation.



Illegal use of explosives



Cash-in-Transit attacks

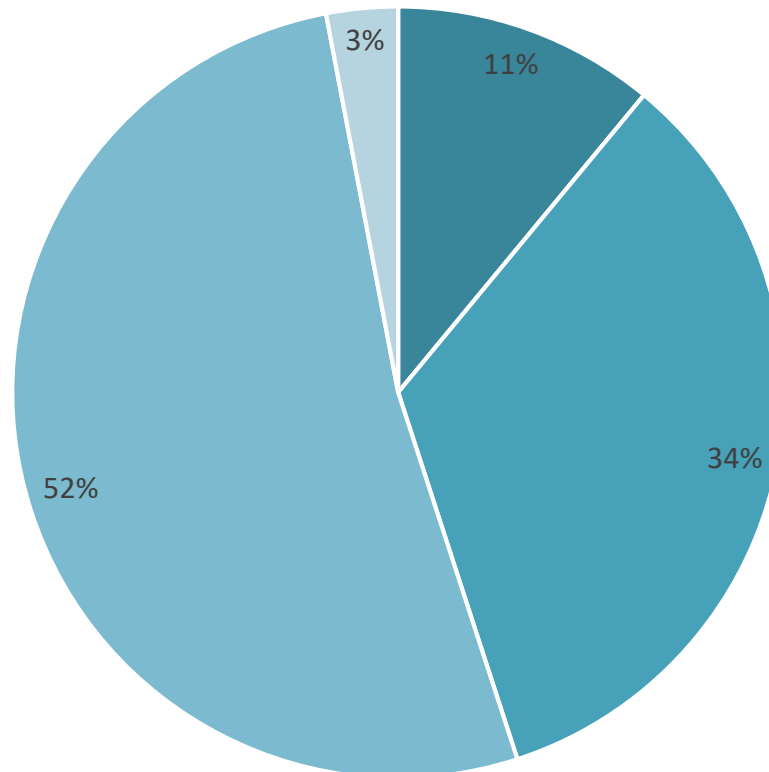


Automated Teller



Machine attacks

2018/2019 Explosions Attended Target Analysis (%)

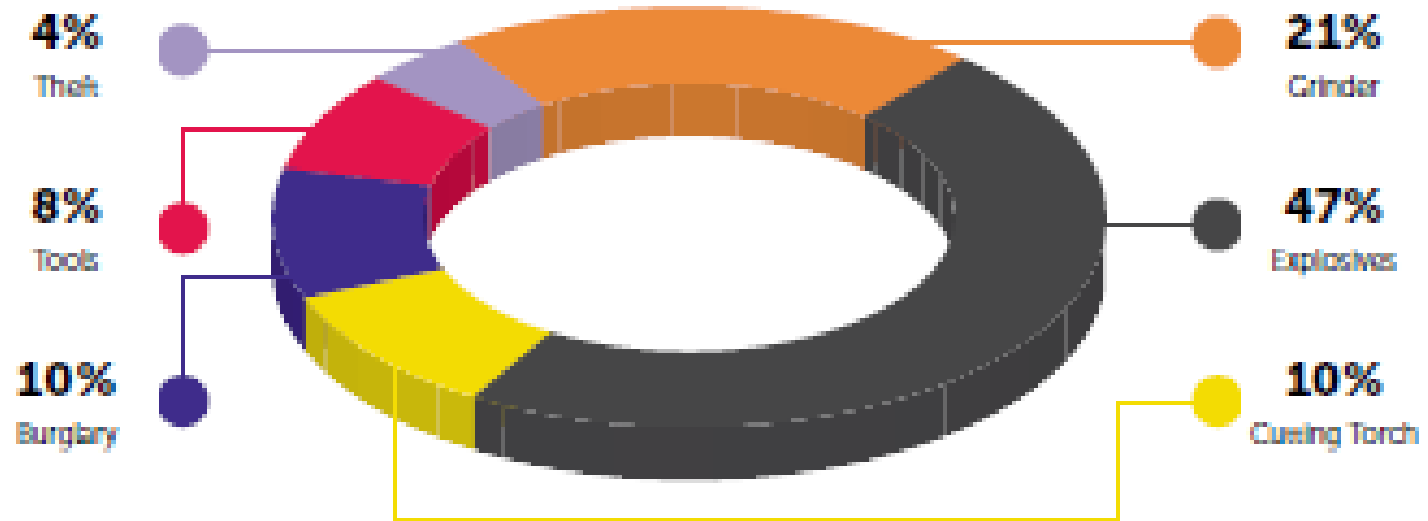


**More than 500
explosion scenes
attended by the
SAPS Explosives
Section**

■ CITs ■ ATMs ■ Safes ■ Other

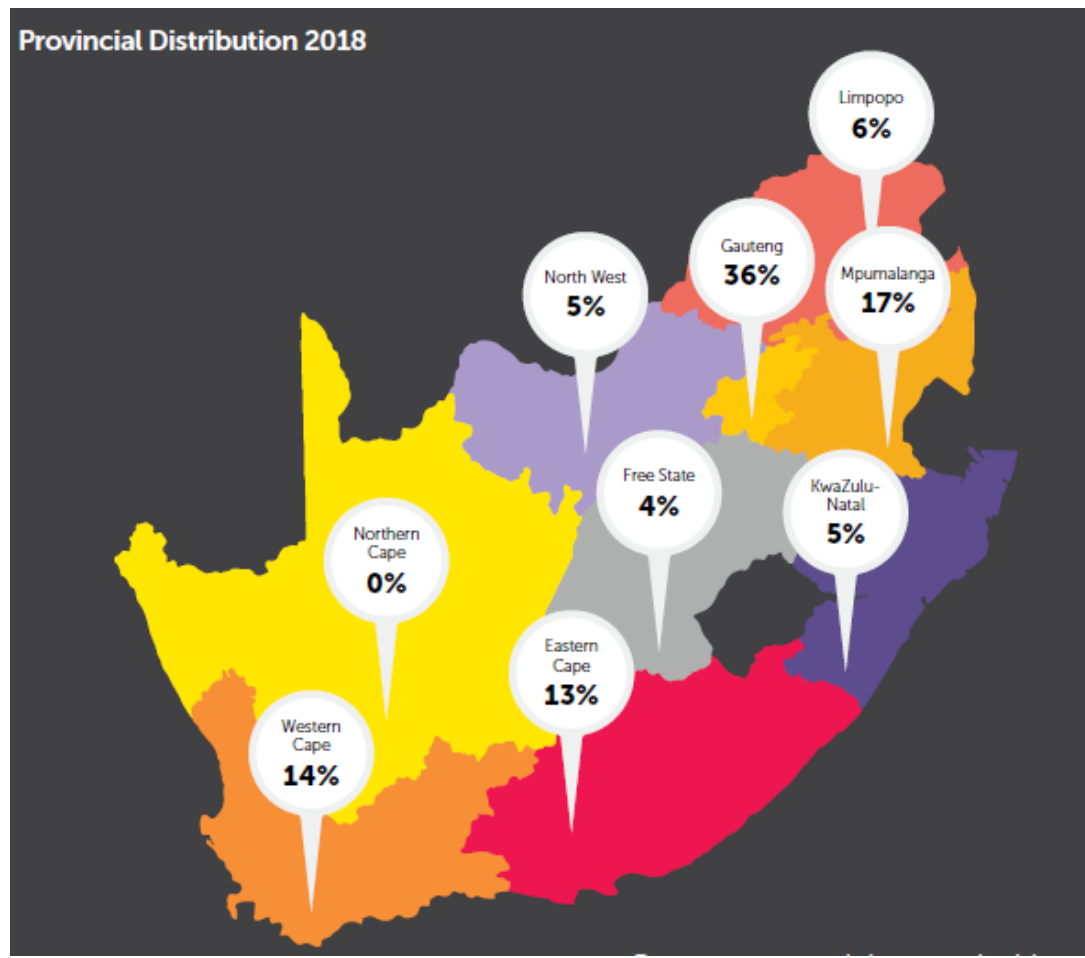


ATM attack methods





ATM attack distribution



Illegal mining



Image: Alon Skuy/The Times



Image: Alon Skuy/The Times



Image: Boksburg Advertiser

**Zama
Zamas**



Image: The Citizen

Sources of explosives used by criminals



- Theft from mines, factories & workplaces.
- Break-ins at explosives magazines.
- Smuggling from neighbouring countries.

Sources of explosives used by criminals



Blasting cartridges & connector capped fuse smuggled from Zimbabwe, seized at Beitbridge Border Post



Shock tube assemblies found in possession of an underground miner returning to surface after his shift



Consequences of illegal use



- Citizens are and feel **unsafe**.
- Costly **replacement** of ATMs, cash lost & damaged infrastructure.
- **Convicted criminals** may be sentenced to imprisonment from 3 to 15 years.
- Operations or explosives supply to mines with poor explosives control measures may be **suspended**.
- Illegal mining **cost** South Africa R41-billion on illicit precious metals in 2018 *(Minister of Mineral Resources Gwede Mantashe)*.



Improved control initiatives

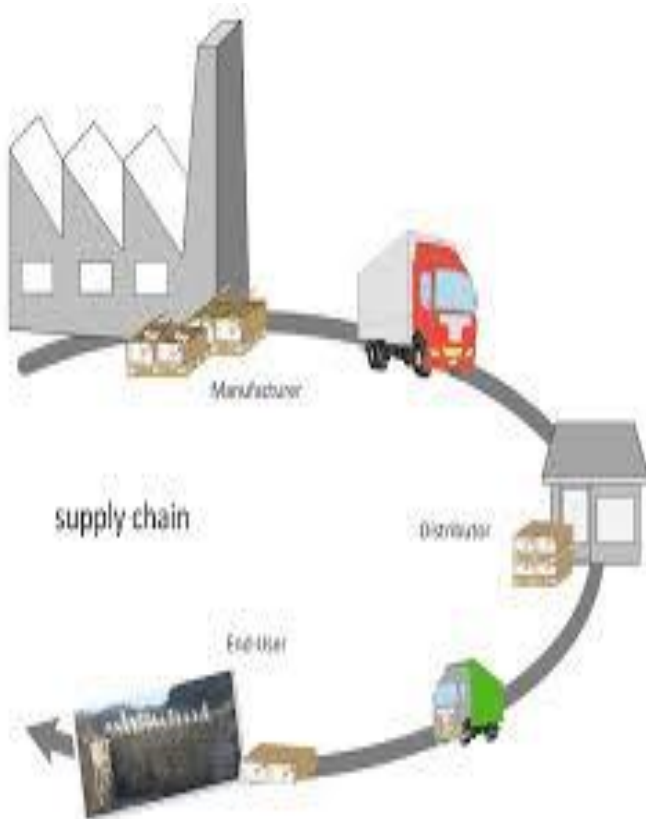


- Continuous **awareness**.
- Enhanced **security measures** through the explosives supply chain.
- **Collaboration** between crime intelligence and investigators.
- **Cross-border liaison** between regulators & policing agencies.
- **Track-and-trace** of blasting explosives.
- Enhanced **interdepartmental cooperation**.

Track-and-trace of blasting explosives

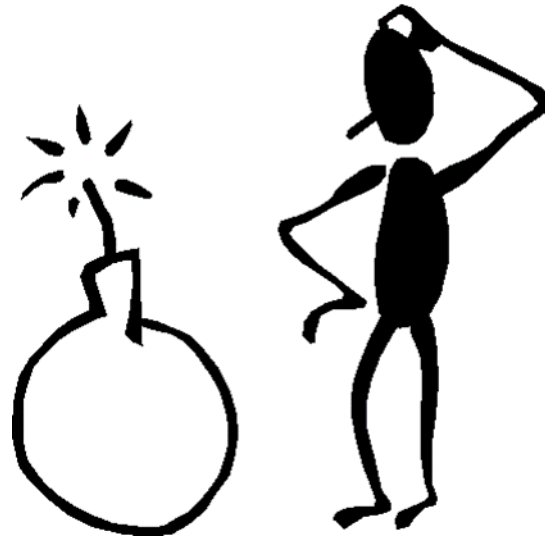


- Compulsory track and trace of certain commercial explosives
- Local manufacturers & importers
- Dealers
- Transporters
- End-users





Thank you



Any questions?

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