

Kate du Preez

Commissioner for Mine Safety and Health



Industry briefing 2018



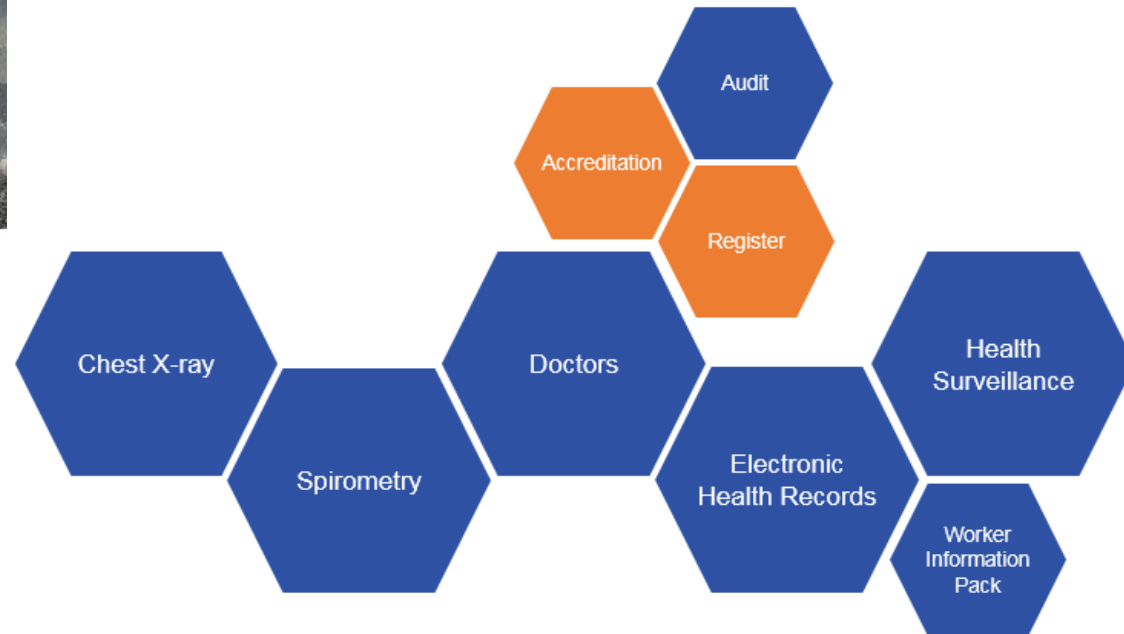
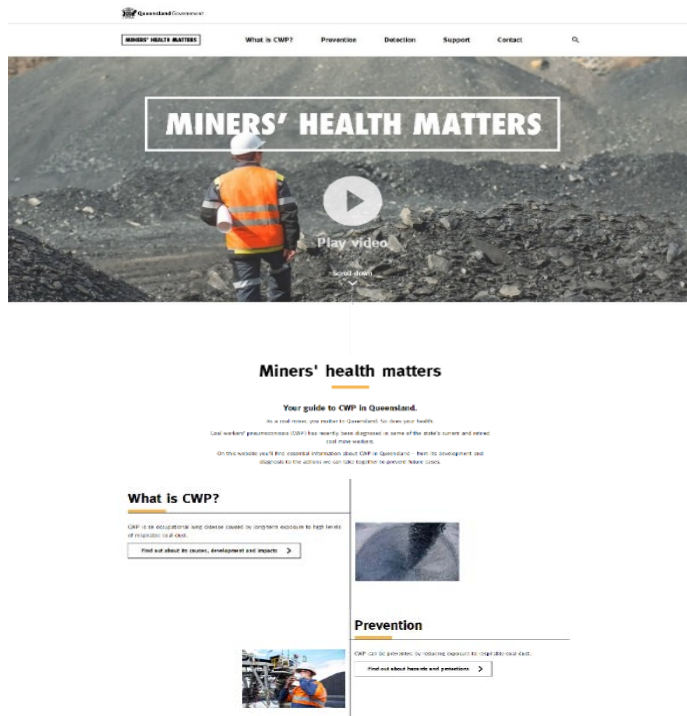
- Year in review
- Key safety and health priorities
- Are we learning from our mistakes?

The year in review

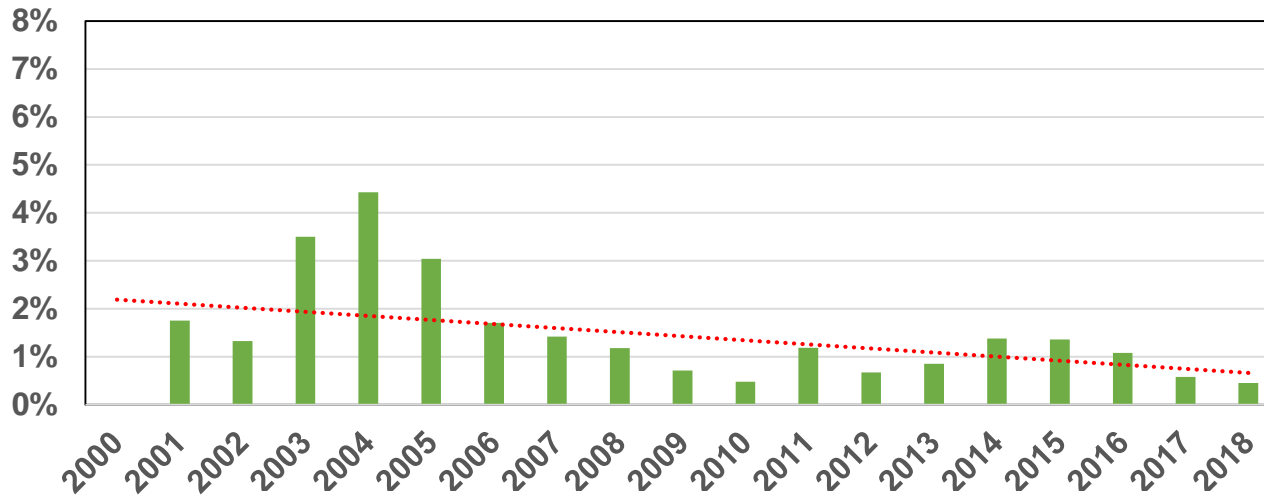
- One fatality in 2017-18 (one fatality already in 2018-19)
- Increase focus of risk based program of inspections and audits
- All 18 recommendations of Monash review have been implemented
- Focus on respirable crystalline silica
- Significant legislative reform progressed
- Focus on management of methane, diesel particulate matter, prevention of falls and collisions.



Mine dust lung diseases



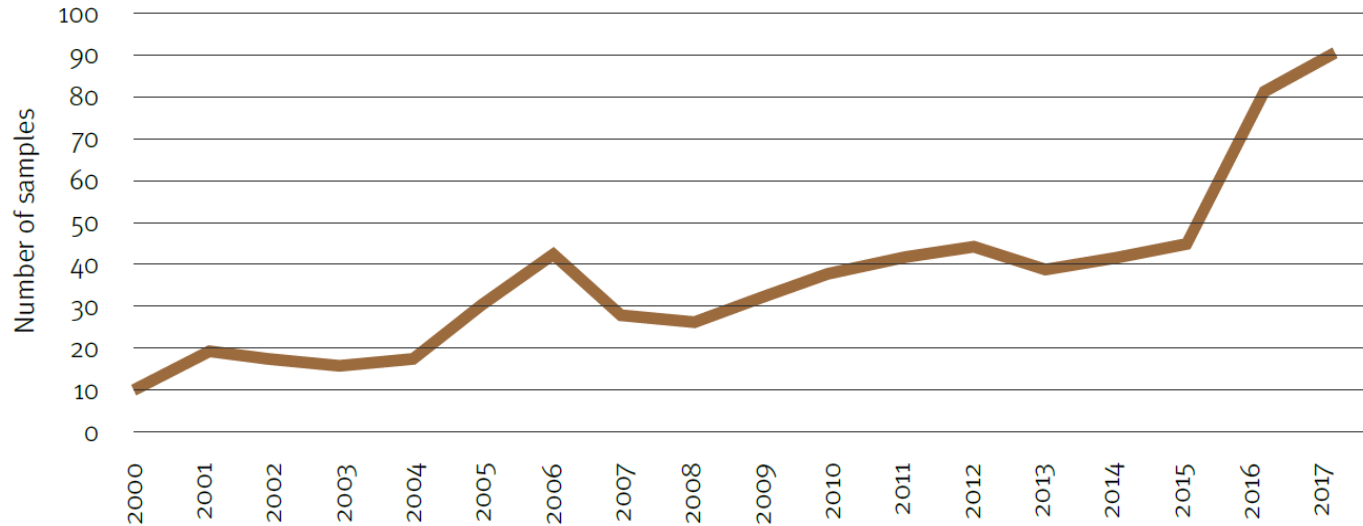
Mine dust lung diseases



Percentage of coal dust samples that exceeded the occupational exposure limit in surface mines—2001 to 2018



Number of dust samples per mine 2000–2017

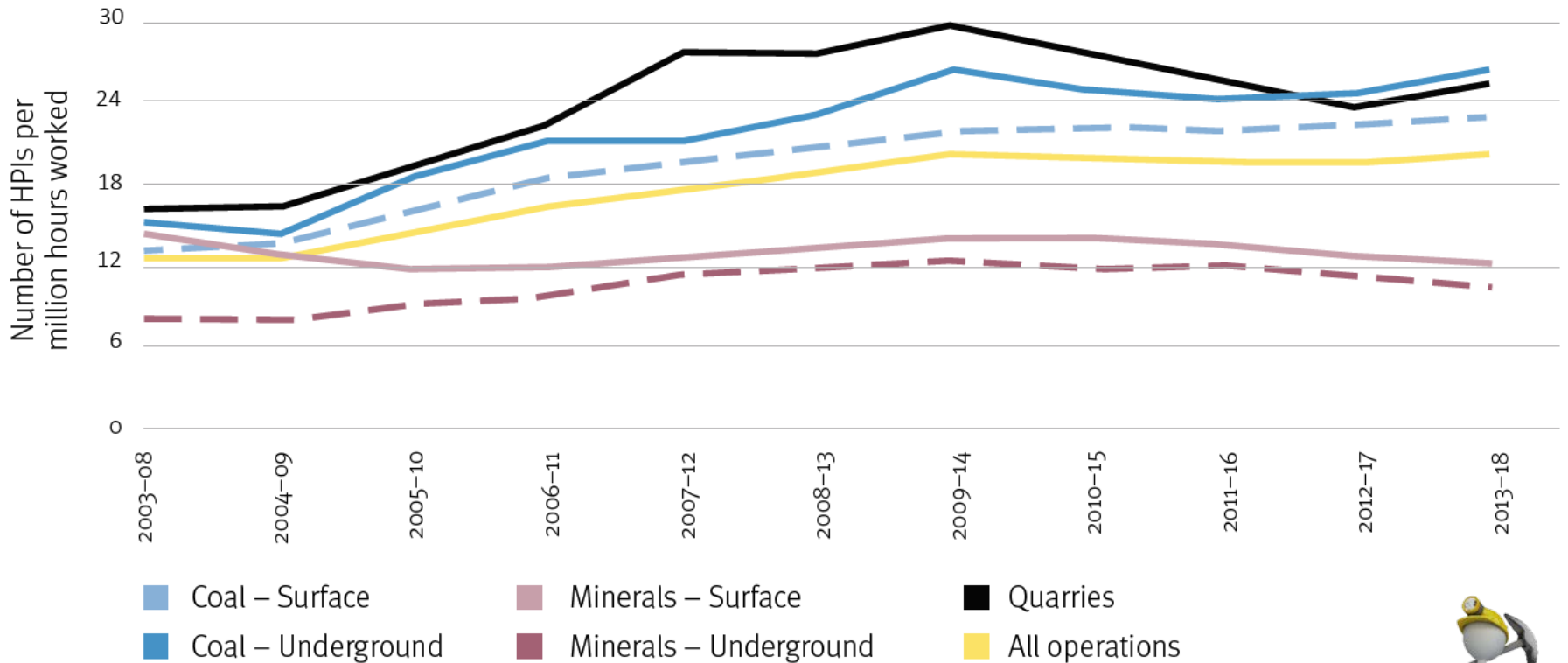


Methane and the importance of emergency preparedness



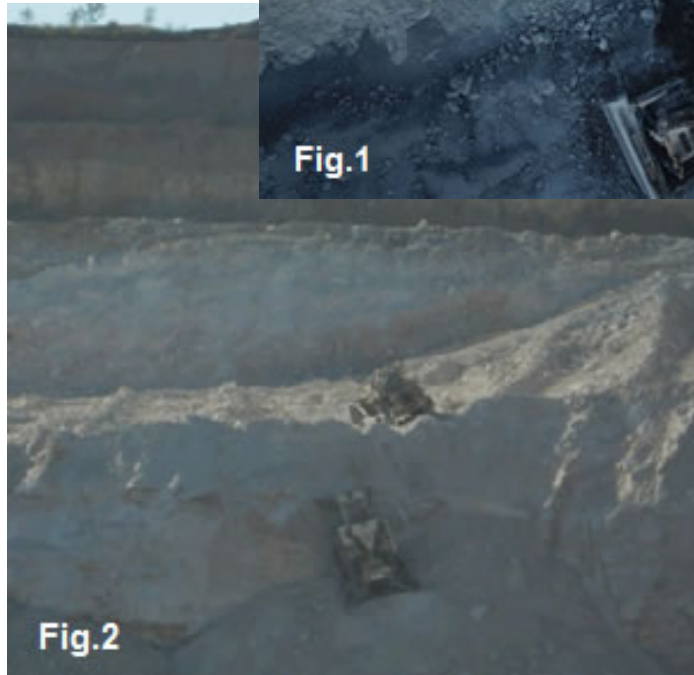
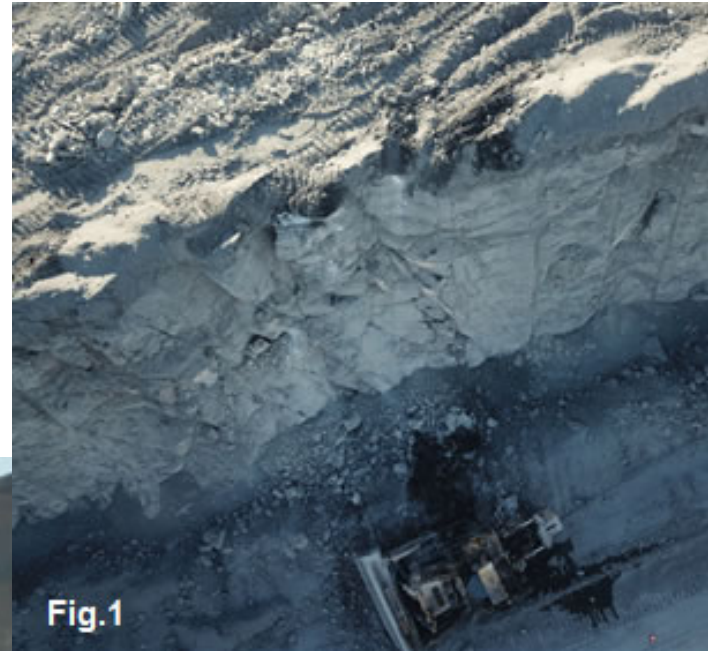
The year in review

High potential incident frequency rate, five year rolling average 2003-18



Learning from our mistakes

- June 2018 a D11 dozer travelled over the crest of a highwall falling approximately 16 metres onto a lower bench.
- The dozer operator was seriously injured



Learning from our mistakes

- Known risk with identified controls, however controls not implemented
- Reliance on low order control
- Previous warning missed
- Lock out process not applied
- Complacency



Learning from our mistakes



Key priority areas for 2018–19

- Increase focus of risk based program of inspections and audits
- Examine the impact of airborne contaminants
- Methane gas management
- Move from lag indicators to lead indicators of performance
- Fatigue
- Improve consultation with tripartite stakeholders and industry
- Education regarding legislation reform



Are we learning from our mistakes?

- We are good at sharing information
- Are we good at learning from that information?
- Do we apply the lessons learned



Technology and artificial intelligence

