Coal Inspectorate update

Russell Albury

27 October 2017

Agenda

1. Good News
2. Big 10 review
3. Fatalities
4. Industry Issues
5. Respirable Dust and Occupational Exposure limit
6. HPI
7. The year ahead

Good News

1. Respirable dust control progress
2. Industry Safety Conference
3. QMIHIAC ➡ OHMAC –Established in 2008 - Tripartite collaboration.
4. Industry and Certificates of competency
5. Memorials

Big 10 Review

- Tyres – 50% reviewed recognised standard.
- Fires – more work to do. Examples of mines showing good reduction if process applied – Inspectorate numbers.
- Health - OHMAC group formed.
- Vehicle Interaction – recognised standard road design.
- Surface Cable Management

Big 10 Review

- Contractor Management Guideline developed
- Strata Management
- Management Structure – Recognised standard.
- Respirable Dust.
- ERZ controller management and control – Forums conducted, more planned.

Fatalities

Newlands CHPP, Ian Hansen 30 August 2016

Fatalities

Goonyella Riverside, Daniel Springer, 5th August 2017

Gas Issues

Methane Events

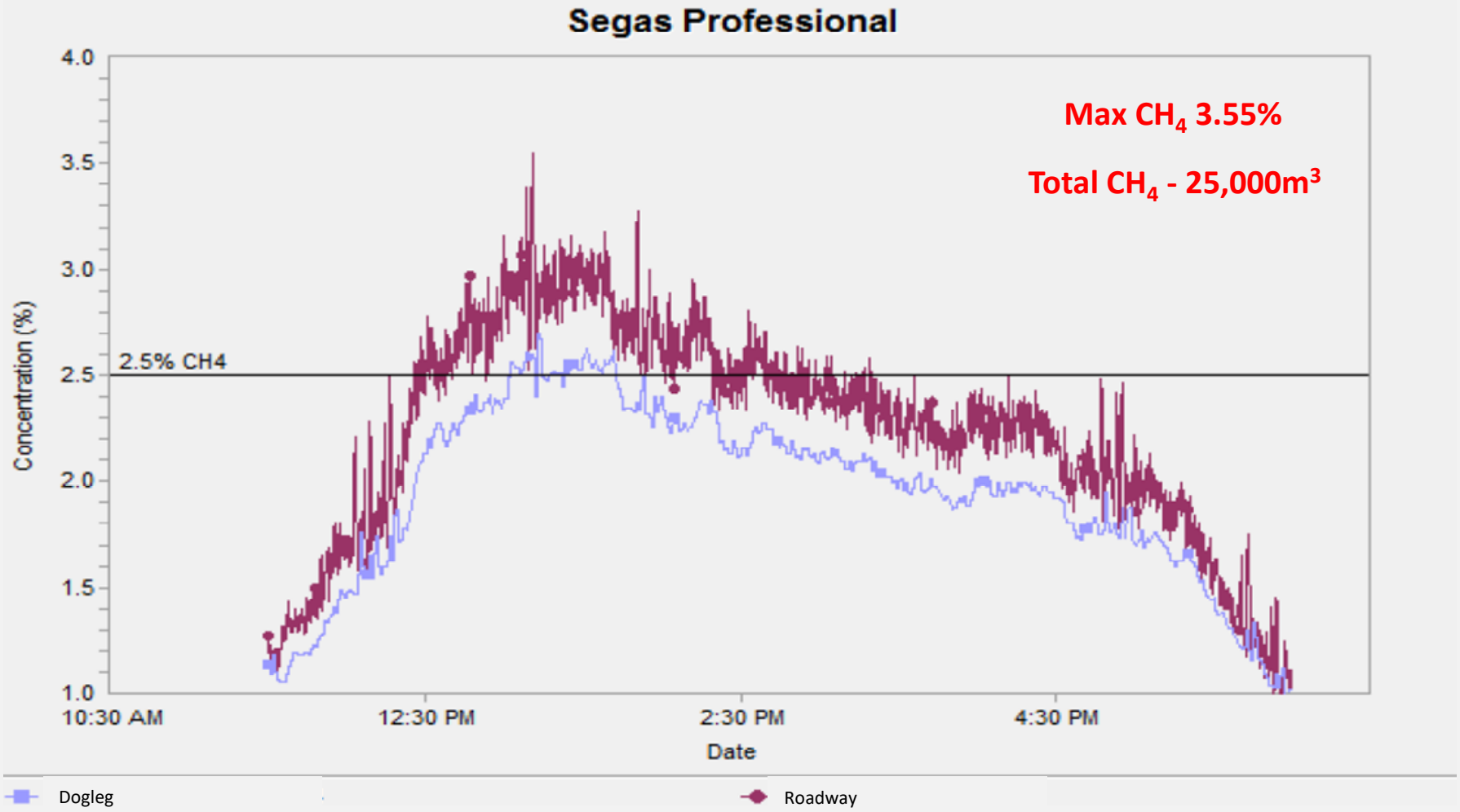
Events over 2.5%

Pike River (in month prior)	4
QLD sites (over 9 months)	62
Seized data	165

Volume of Methane

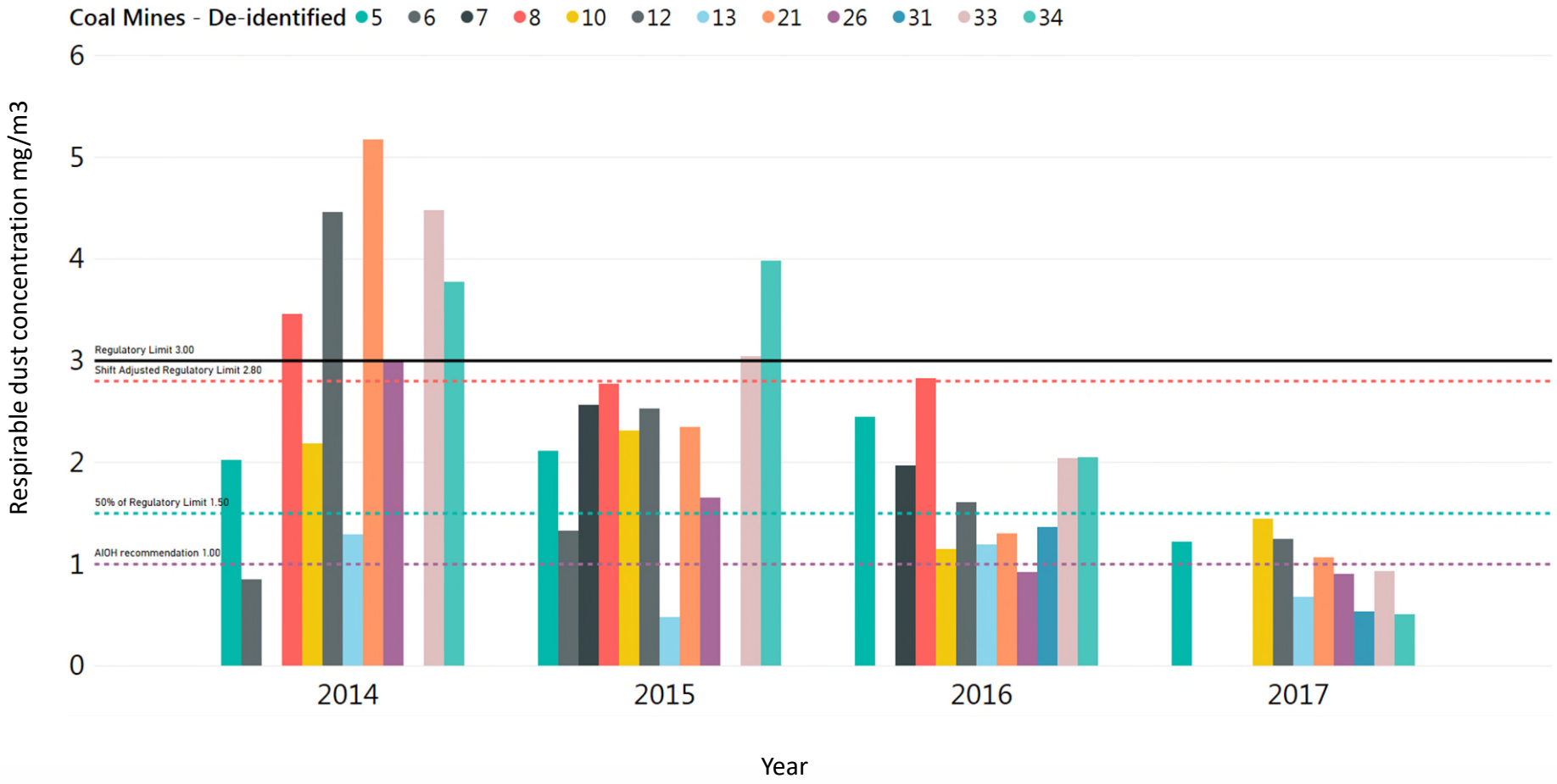
Pike River (1st Exp)	2 000 m^3
Single event in QLD	25 000 m^3

QLD Jan to Sep 2017



Respirable Dust

Mean Dust Exposure Longwall SEG 2014 – Q2 2017

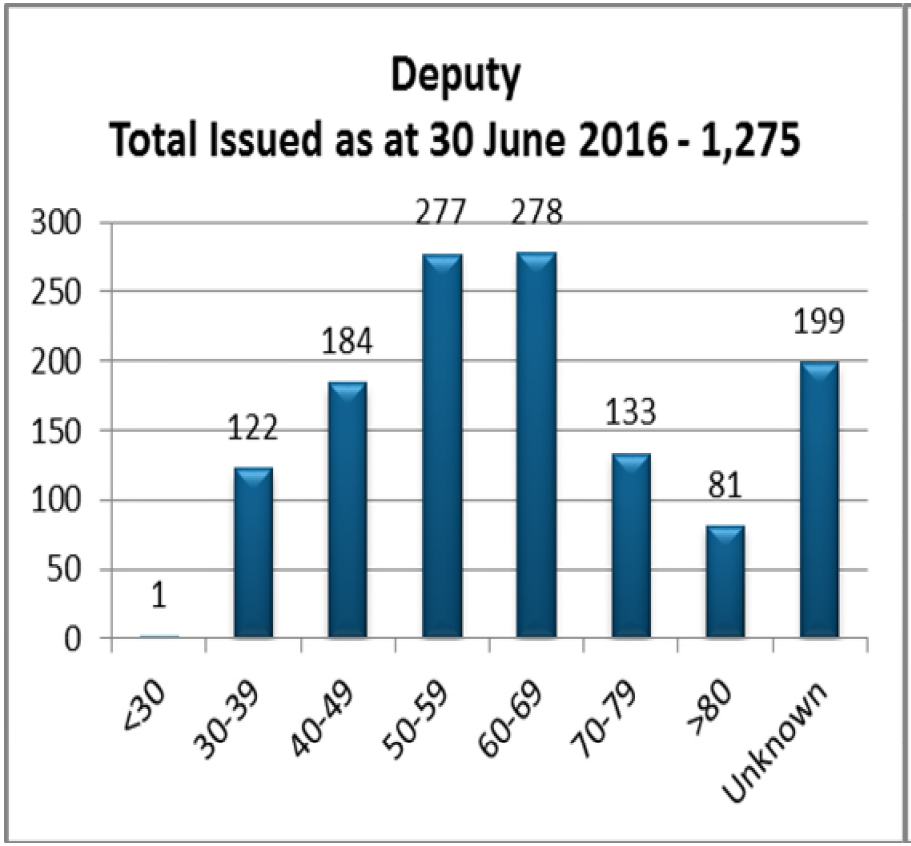


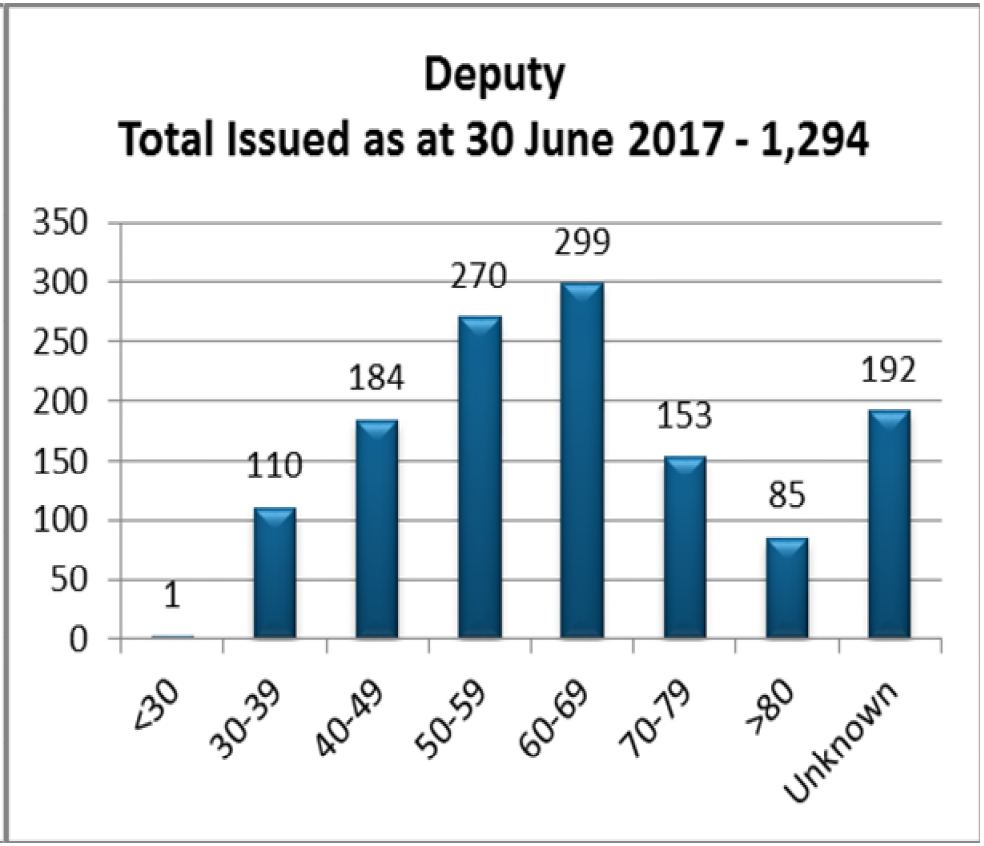
Percentage of dust exceedances – comparing exposure limits

Occupational Exposure Limits

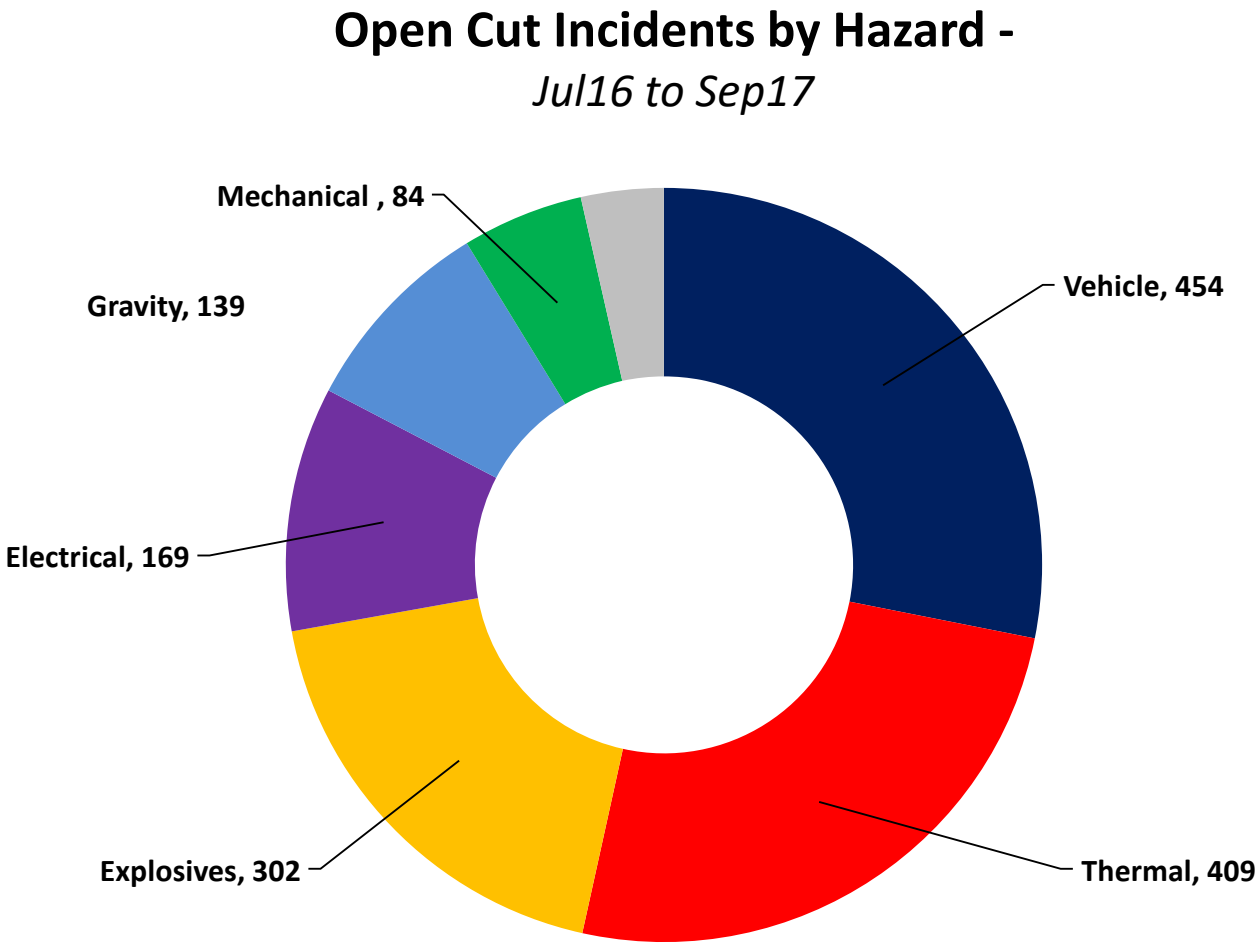
Where to NOW for QLD?

Certificates of competency

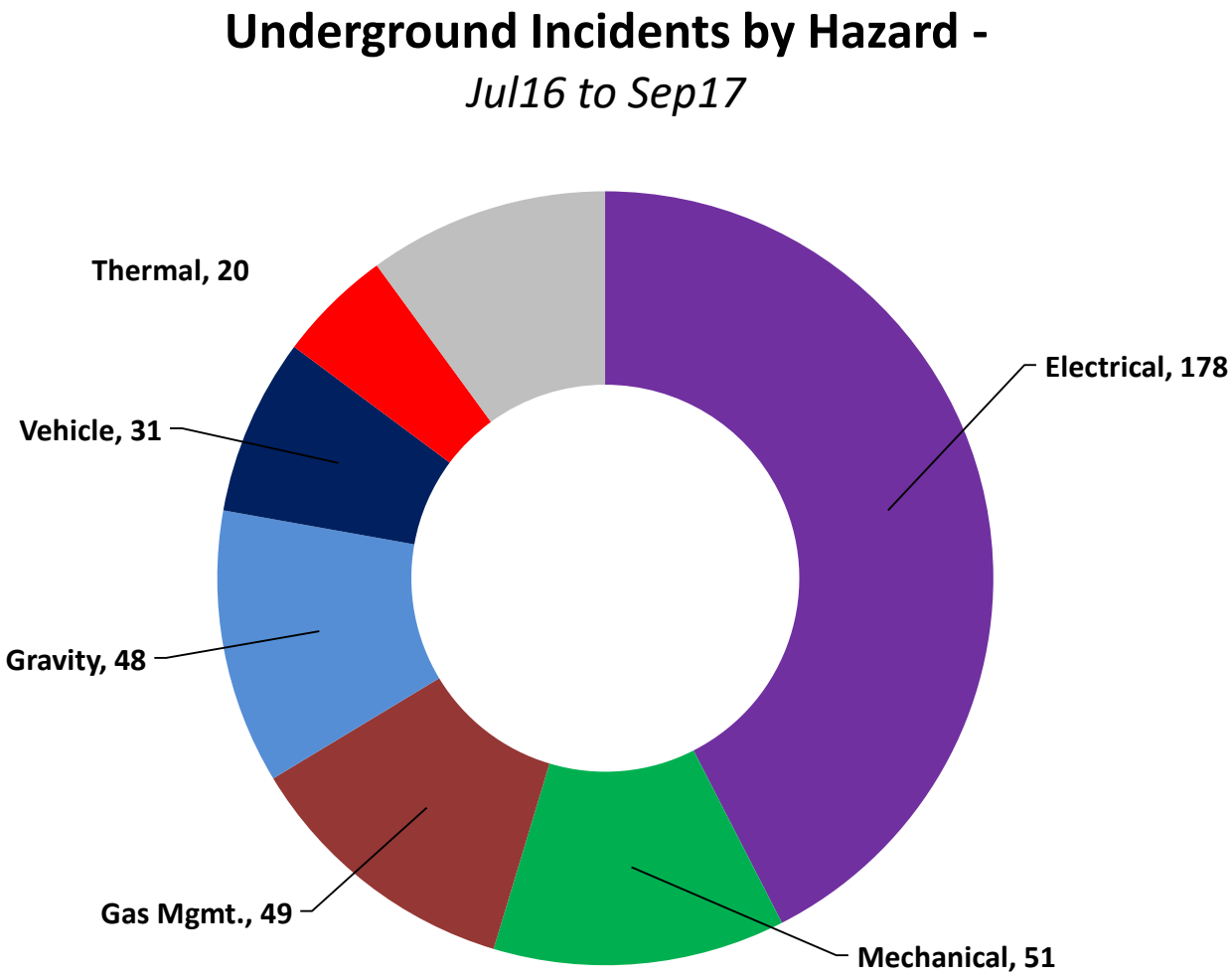




HPI Review

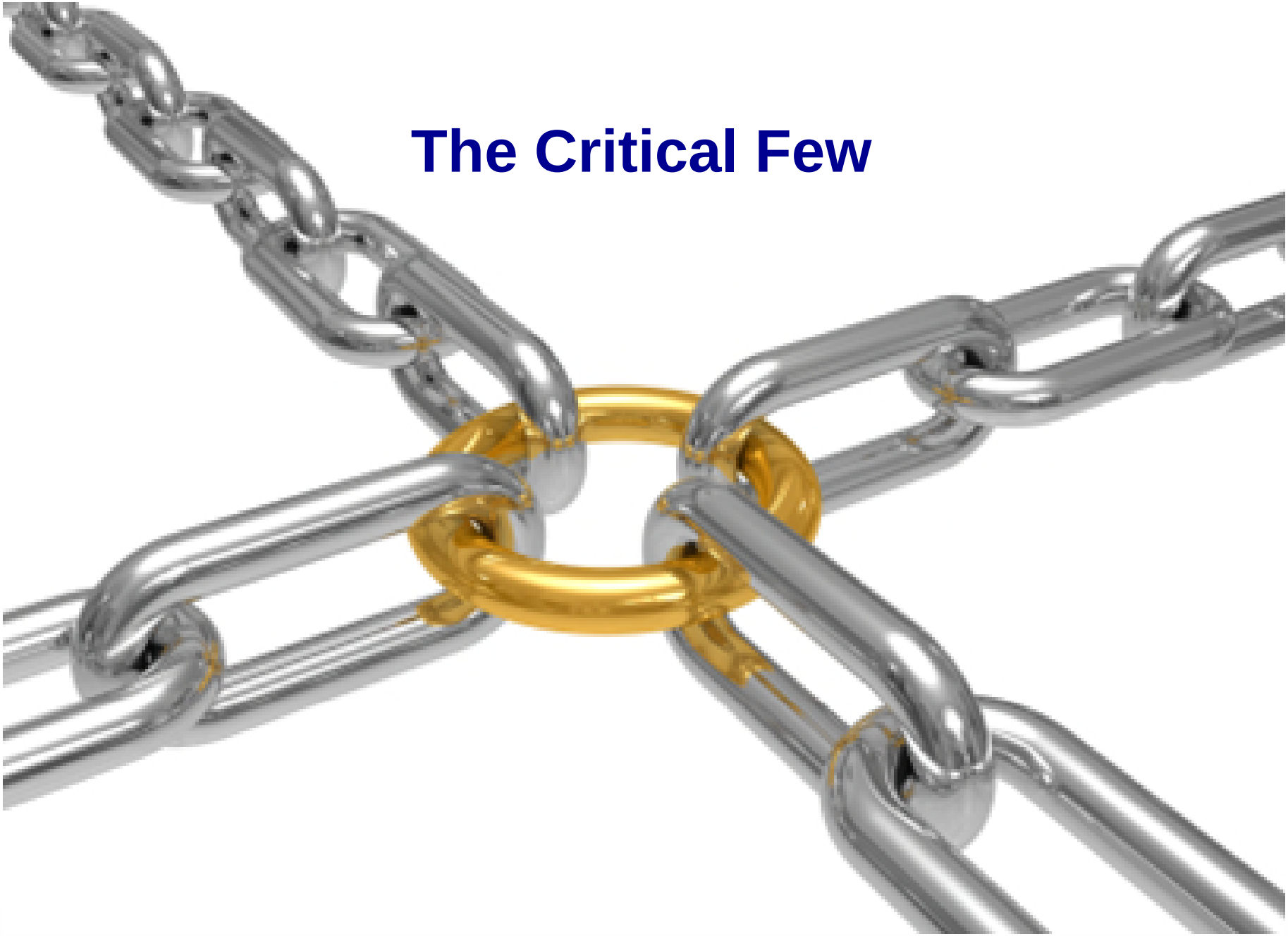

Open Cut Incidents by Hazard -
Jul16 to Sep17
Mechanical , 84
Vehicle, 454
Gravity, 139
Electrical, 169
Explosives, 302
Thermal, 409

HPI Review


Underground Incidents by Hazard -
Jul16 to Sep17
Thermal, 20
Electrical, 178
Vehicle, 31
Gravity, 48
Gas Mgmt., 49
Mechanical, 51

The Year Ahead

The Critical Few



Gas Management

Supervision

Lifting and Slinging

Legislative Changes

Departmental Response to Inquiry

Regulator Improvements

- Compliance
- Inspection Program – SIGs and SAGs
- Public Information
- Data Gathering lag v lead indicators

Take Away's

- Good News
- Industry Issues
- Critical Few – gas, Lifting and Slinging, Supervision.
- Regulator Improvements
- Response to Inquiry