

Please read this before using presentation



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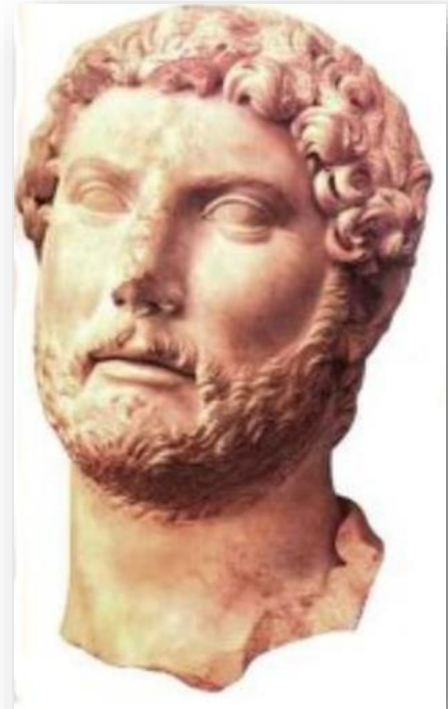
Why is falling from height a problem?

A global perspective (be thinking controls)

Quote

The wise man corrects his own errors by observing those of others.

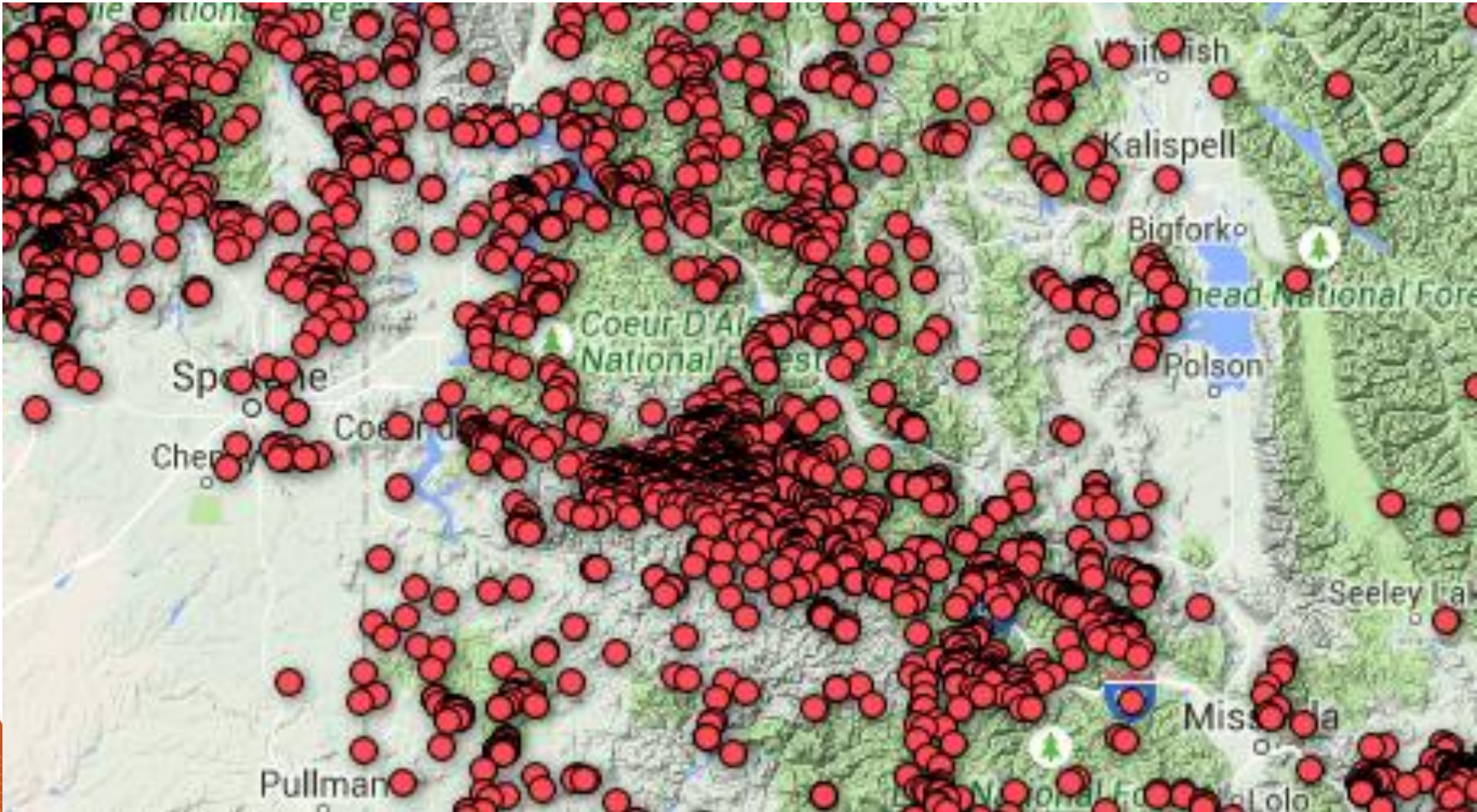
Publilius Syrus



What are we talking about today?

- How does the rest of the world compare
- Australian statistics
- Heights for fatalities
- Probability of death
- Videos
 - Technical
 - Personal stories
- A workshop where you will be providing your ideas on what **YOU** think we can do different

What do I know about mines?



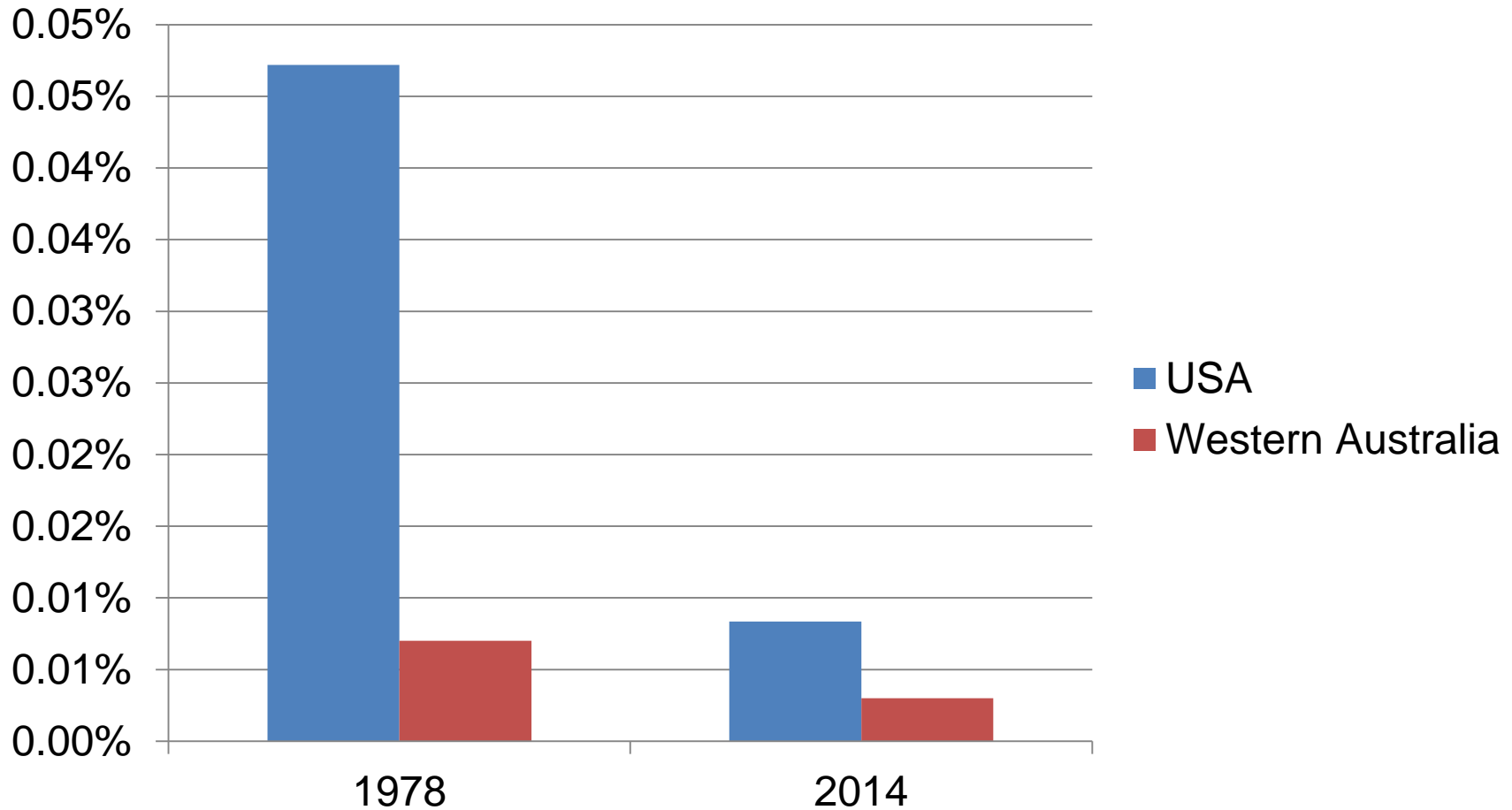
United States numbers

- 1978 – 288,165 employees with 136 deaths
- 2013 – 251,263 employees with 21 deaths

approximately 2 x Western Australia

Reference: msha.gov

Comparison of fatality rates



World Health Organisation

- Each year an estimated 424,000 individuals die from falls
- 37.3 million falls are severe enough to require medical attention
- Non-fatality falls are responsible for over 17 million disability-adjusted life years lost

Note: Data set is for all people worldwide, not limited to occupational

Reference: WHO Fact Sheet No 344, October 2012

Some Australian statistics

- Australian companies lose over 108,000 recordable days per annum and the average days lost time due to a fall is 93 days (2009-2010 statistics)
- Over 32% result in a serious injury

Fire and Safety Australia

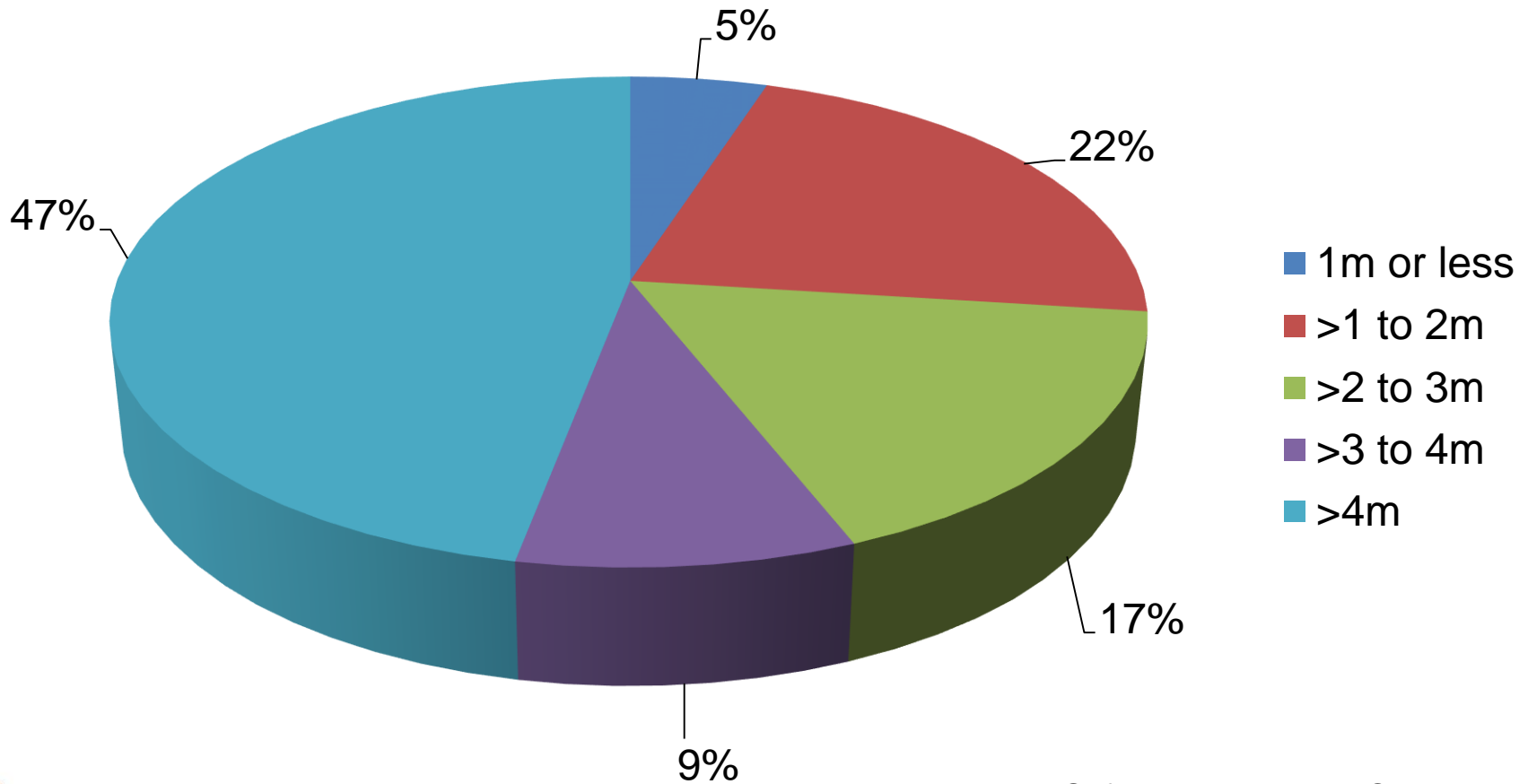
How high?

- Nearly half of falls that resulted in a fatality involved distances of three metres or less in the eight years 2003 to 2011
- Of 232 fatalities in Australia from falls:

1 m or less	11	(5%)
>1 to 2 m	52	(22%)
>2 to 3 m	39	(17%)
>3 to 4 m	22	(9%)
>4 m	109	(47%)

Safe Work Australia October 2013

How high? (continued)



Safe Work Australia October 2013

Probability of death (from height)

- Number of mining fatalities from 2008 to 2011 was 5 (5th in all industries)
- Fatality rate for mining was 0.72 deaths per 100,000 workers (3rd in all industries)
- WA fatality rate is 0.53 deaths per 100,000 workers, highest in Australia (national average is 0.25)

Safe Work Australia October 2013

Why are we still getting it wrong?



Hazard awareness videos – Falling from height



Government of Western Australia
Department of Mines and Petroleum
Resources Safety

KNOW YOUR HAZARDS

DOWN TO EARTH

FALLING FROM HEIGHT

Hazard awareness videos – Impacts of falling



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KNOW YOUR HAZARDS

DOWN TO EARTH

IMPACTS OF FALLING

Summary

- We looked at some statistics
- We are in an industry that has proven that you have a higher chance for death if you fall
- Given you a chance to ponder why we are still getting it wrong