



CHAMBER OF MINES
of South Africa

2012-2017 FOG SEISMIC SAFETY STATISTICS

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20 September 2017



The path we have to travel

Fatalities by
Classification

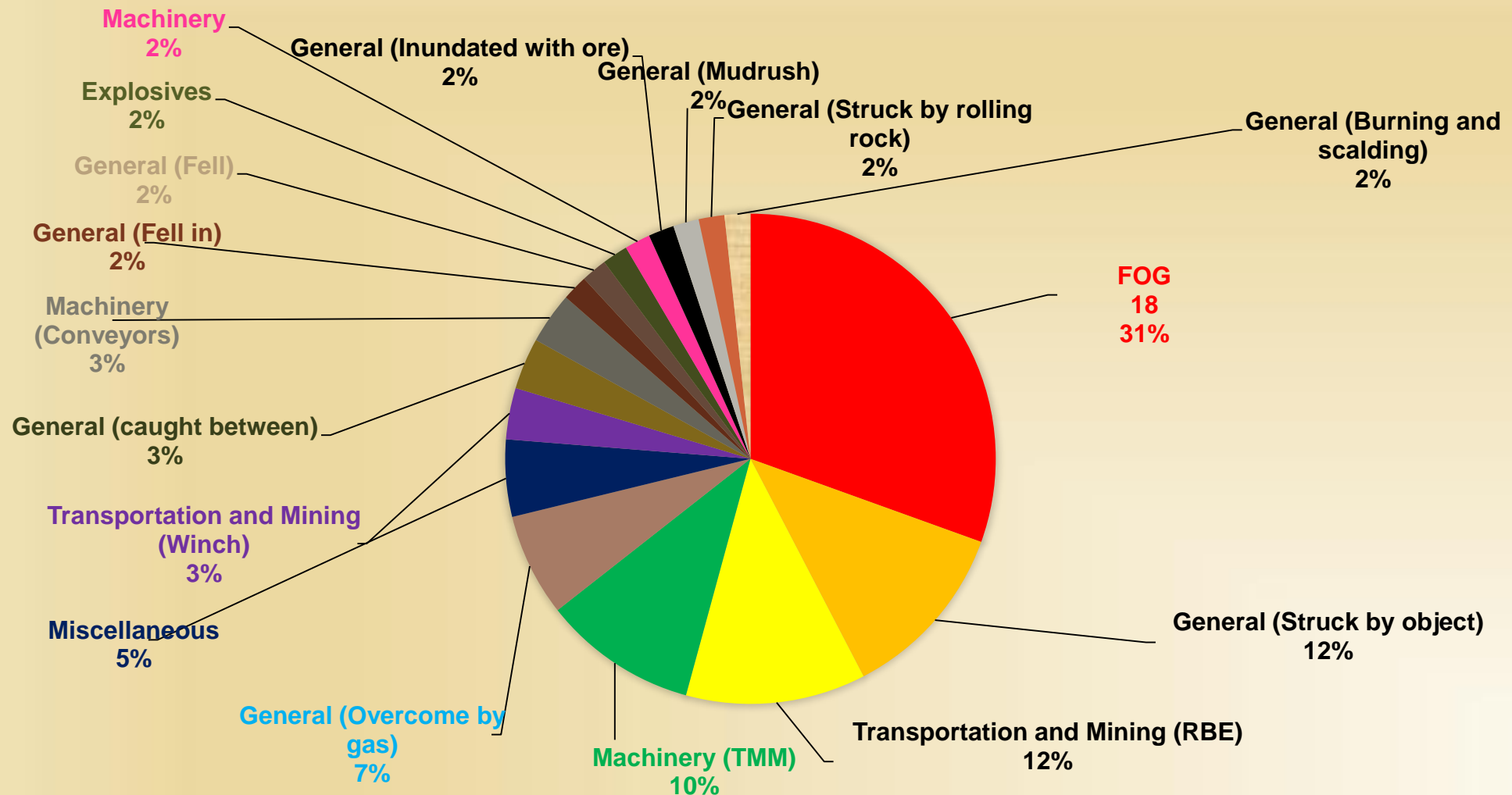
Towards 2020 Milestones

The Rockburst problem
andanalysis

Concluding remarks

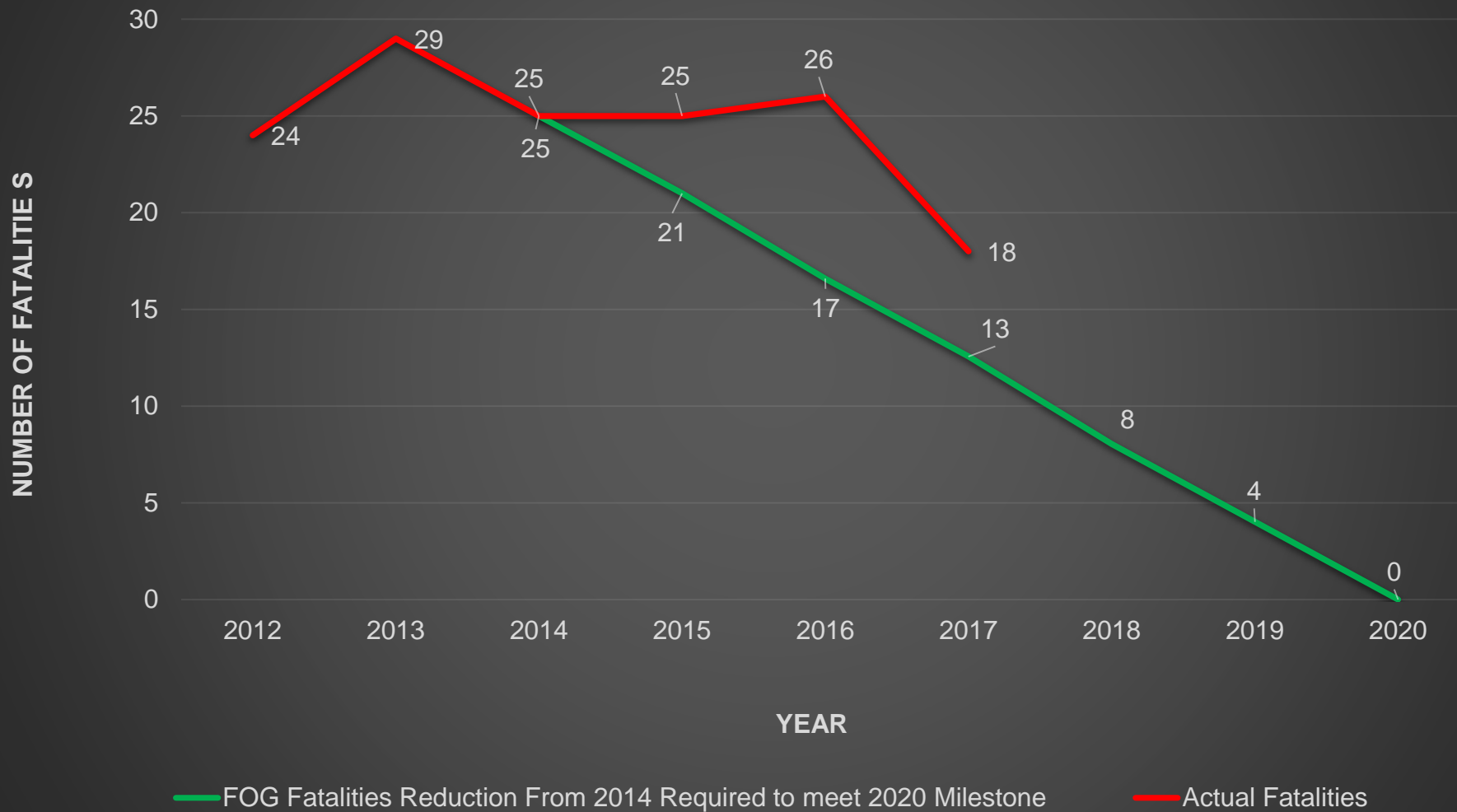
Percentage Fatalities by Classification

All Mines
Percentage Fatalities by classification (Provisional)
(01 Jan. - 18 Sep.) - 2017

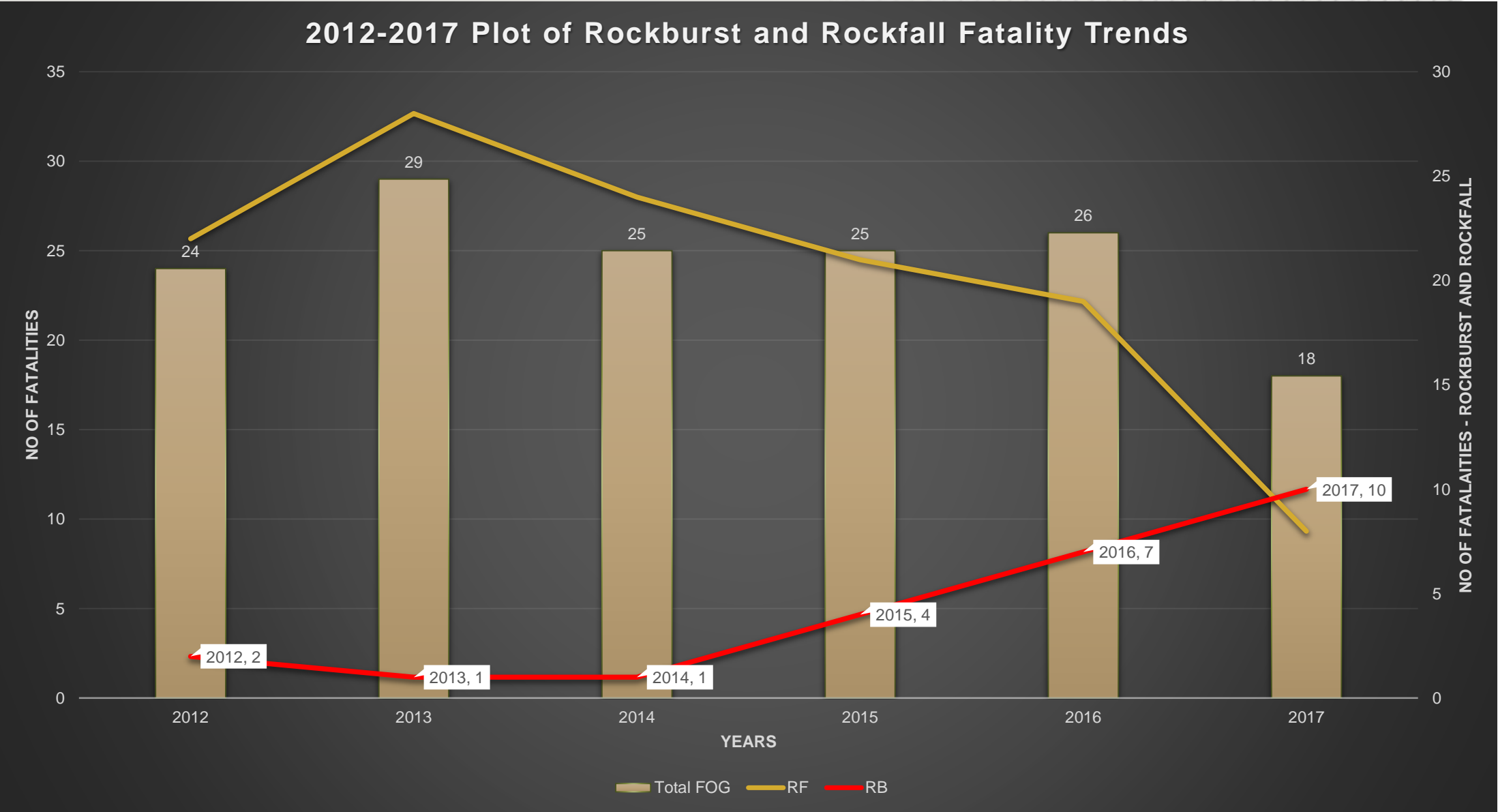


Towards 2020 Milestones

Fall of Ground fatalities against 2020 milestones



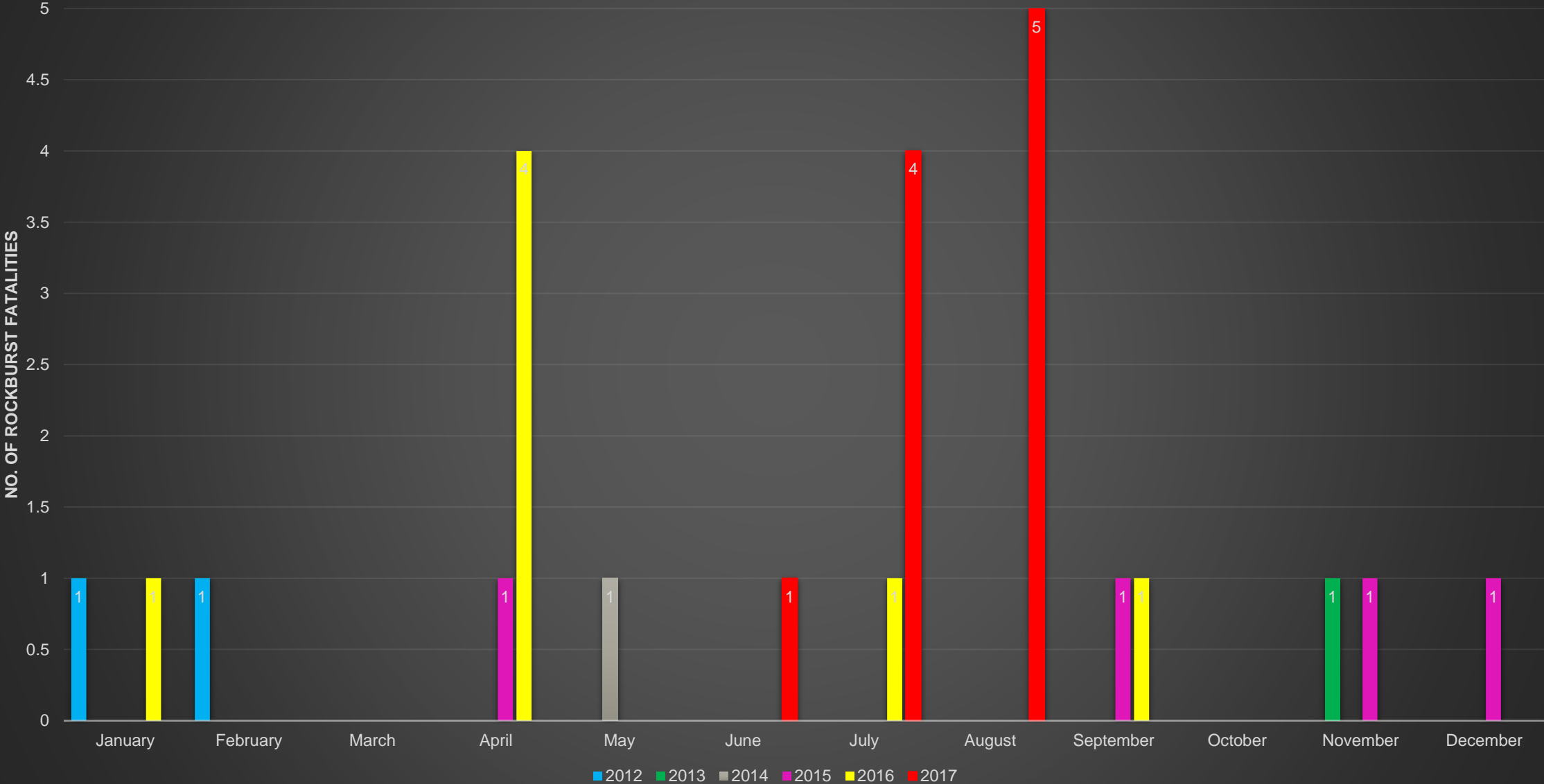
The Rockburst Trend



2012-2017 Rockburst Statistical Analysis

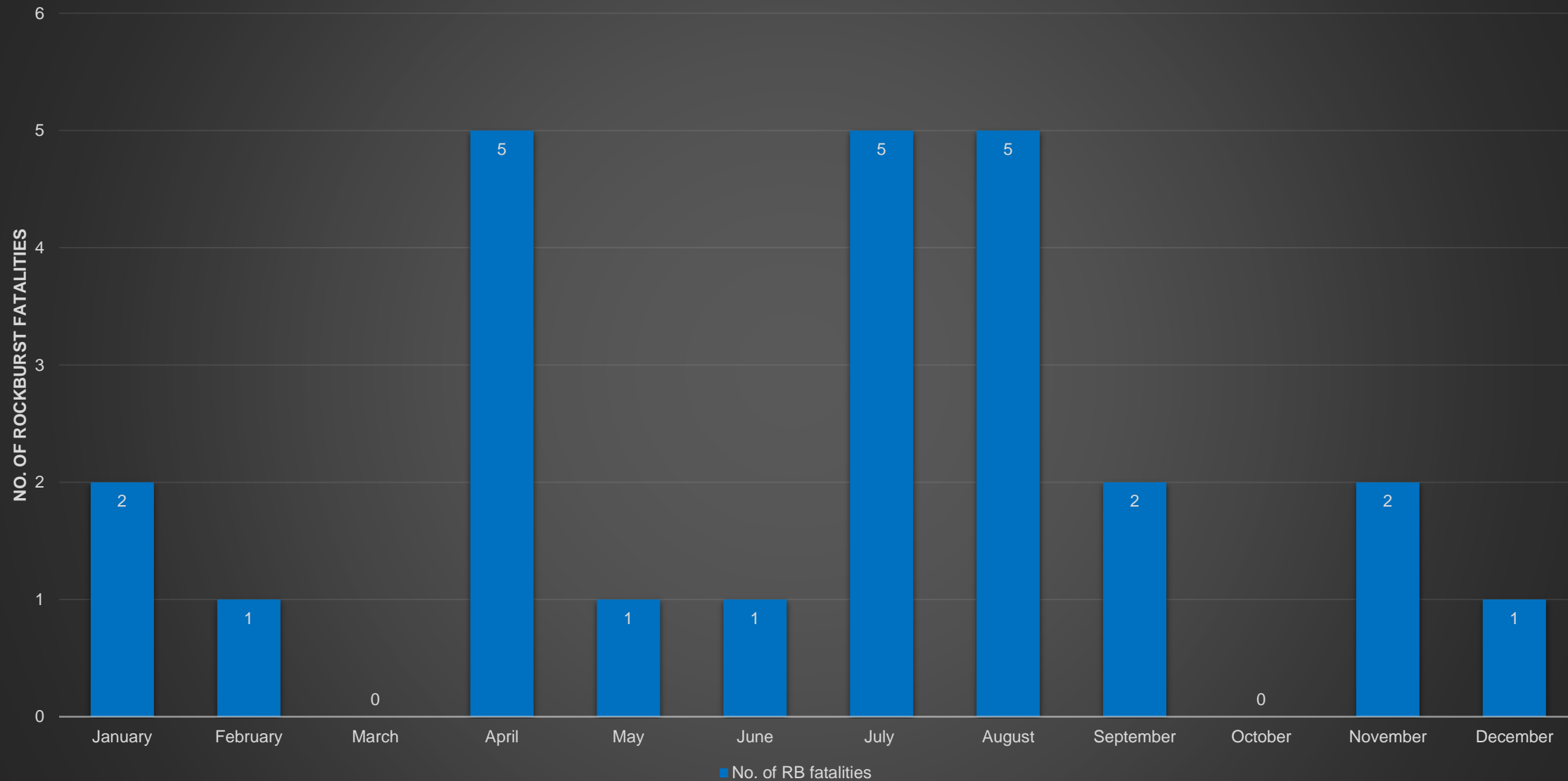


2012-2017 Rockburst Fatality Monthly Analysis



2012-2017 Rockburst Statistical Analysis

2012-2017 Rockburst Fatality Monthly Analysis



Concluding Remarks

- ❑ In the last 6 years 25 persons have lost their lives as a result of seismic events, whether directly or due to a latent indirect effect
- ❑ M_L 0.2(-1.5)- 3.5 recorded (5 reports)
- ❑ There is a marked upward trend in rockburst fatalities from 2014
- ❑ No improvement in FOG fatalities for the 6 years
- ❑ 2017 YTD Fatalities – 31% attributed to FOG
- ❑ Have we learn't the lessons....



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QUESTIONS

