

Farm injury fatality data (2001-2014) - an ounce of prevention

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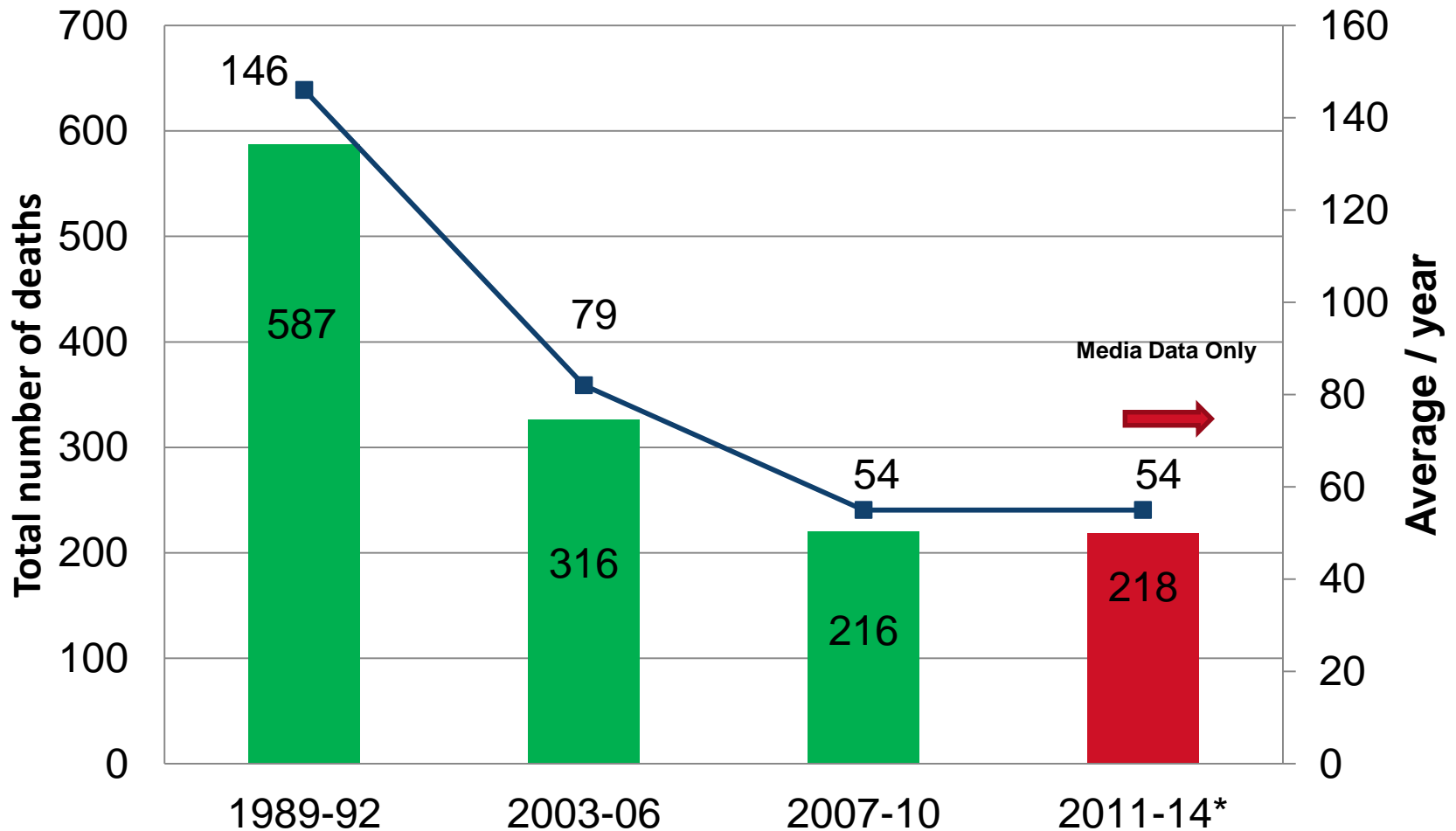


Australian Centre for Agricultural Health & Safety

- › Each case has an individual record established within a few days of incident
- › Reports are added over time to these “open” cases
- › Coroner hands down findings and case is “closed”
- › ACAHS can then access “closed” files and some of the information
- › For 2001-2014 (as at Aug 31) - 820 closed cases

Australian Farm Injury Deaths (1989-2014)

65% reduction since 1990



Year	Ag Establishments	Rate/10,000 farms
1989-92	154 380	9.8
2003-06	136 978	5.9
2007-10	140 320	3.9
2011-14*	135 630	4.0

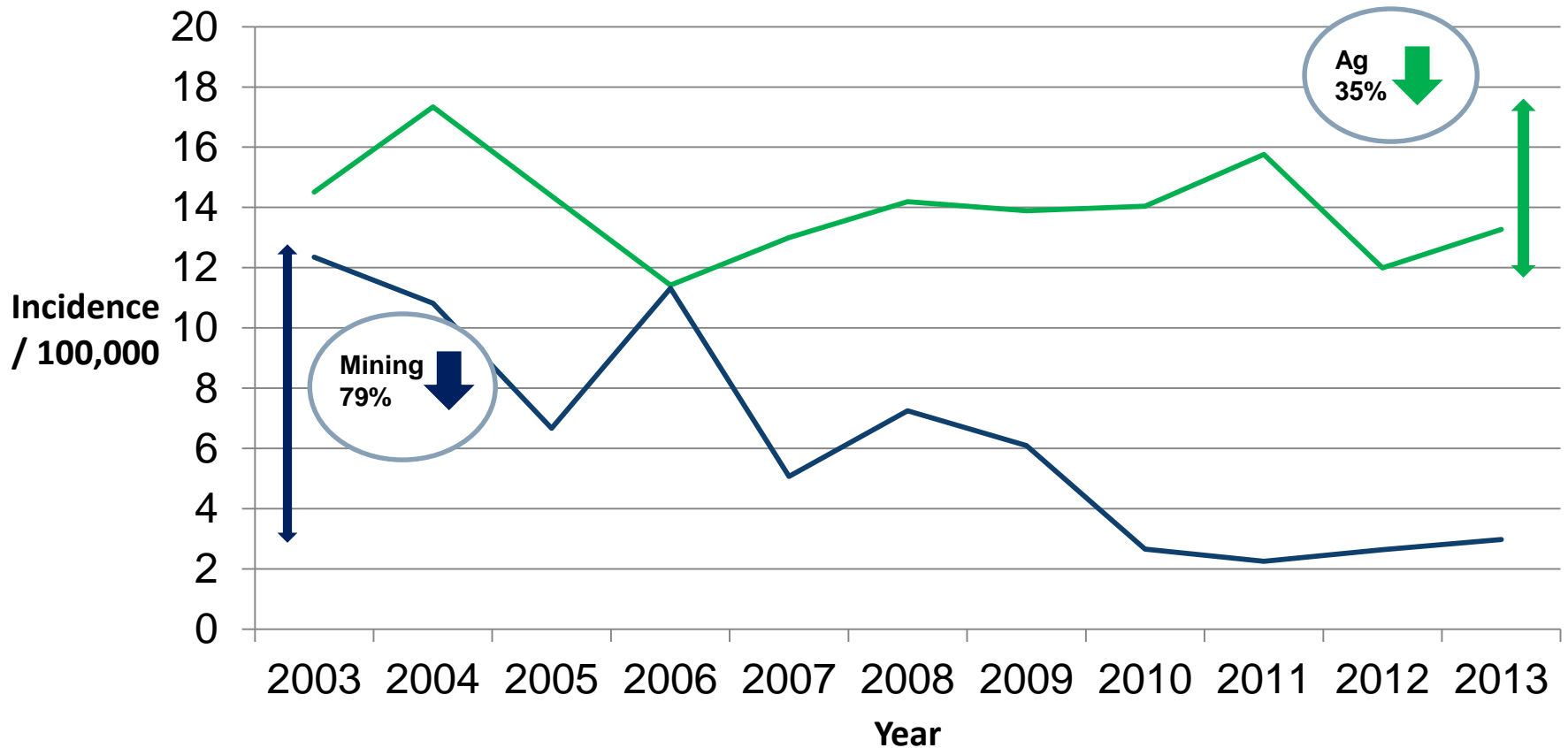
* Estimate 50 deaths for 2014

Reduction of 60% since 1990

A Tale of Two Industries

Fatality Incidence Rate

—Agriculture —Mining



Source: SafeWork Australia - Work-related traumatic injury fatalities 2013

Major Agents of Injury 2001-14

Of the 820 “closed” cases in the period, six leading agents were responsible for 50% (n=412) of all cases.

<u>Agent</u>	<u>n</u>	<u>% of Total</u>
1. Tractors	125	~ 15%
2. Quads	91	~ 11%
3. Water bodies (Dams)	81(43)	~ 10%
4. Farm utilities	45	~ 5%
5. Motorcycles	40	~ 5%
6. Horses	32	~ 4%

Media Reports 2014 (Sept 30)

<u>Historical (2001-13)</u>	<u>% of Total</u>	<u>Media Reports 2014</u>	<u>% of Total</u>
1. Tractors	~ 15%	1. Quads (9)	~ 23%
2. Quads	~ 11%	2. Tractors (5)	~ 13%
3. Dams/water bodies	~ 10%	3. Farm Utility (5)	~ 13%
4. Farm utilities	~ 5%	4. Mobile Plant (4)	~ 10%
5. Motorcycles	~ 5%	5. Trucks (3)	~ 8%
6. Horses	~ 4%	6. Motorcycle (2)	~ 5%
		7. Horse (1)	~ 3%
		8. Dam (1)	~ 3%
		9. Other (9)	
		TOTAL	39

Potential Controls

<u>Agent</u>	<u>% of Total</u>	<u>Potential Controls</u>
1. Tractors	~ 15%	- ROPS, Safe access platforms
2. Quads	~ 11%	- CPDs, no kids/pass, helmet
3. Dams/water bodies	~ 10%	- Safe Play Areas (<5yrs)
4. Farm utilities	~ 5%	- Seat belts, no riding in tray
5. Motorcycles	~ 5%	- Helmet
6. Horses	~ 4%	- Helmet



Potential for Prevention 2001-14 (Preliminary)

Major Killers	No.	Preventable Deaths?	No. (%)
1. Tractors**	125	➔ ROPS/safe access	32 (26%)
2. Quads	91	➔ CPD/helmet/no passengers/kids	69 (76%)
3. Drowning	81	➔ Safe Play Area	38 (47%)
4. Farm Utes	45	➔ Seat belt/no tray travel	24 (53%)
5. Motorbikes*	40	➔ Helmet	8 (20%)
6. Horses**	32	➔ Helmet	3 (9%)
TOTAL	412	TOTAL	174 (42%)

Note: Highly conservative estimates as information was not available to provide an accurate estimate on whether a preventive option may have worked in many cases - Denotes * 25% & ** 33%

Where have we come from?

- › Big reductions over past 20+ years, but not to level of other industries
- › Doing the things that we already know that work will have the greatest impact in reducing deaths and injuries

We can & must do better!