

Statistics – what the numbers tell us!

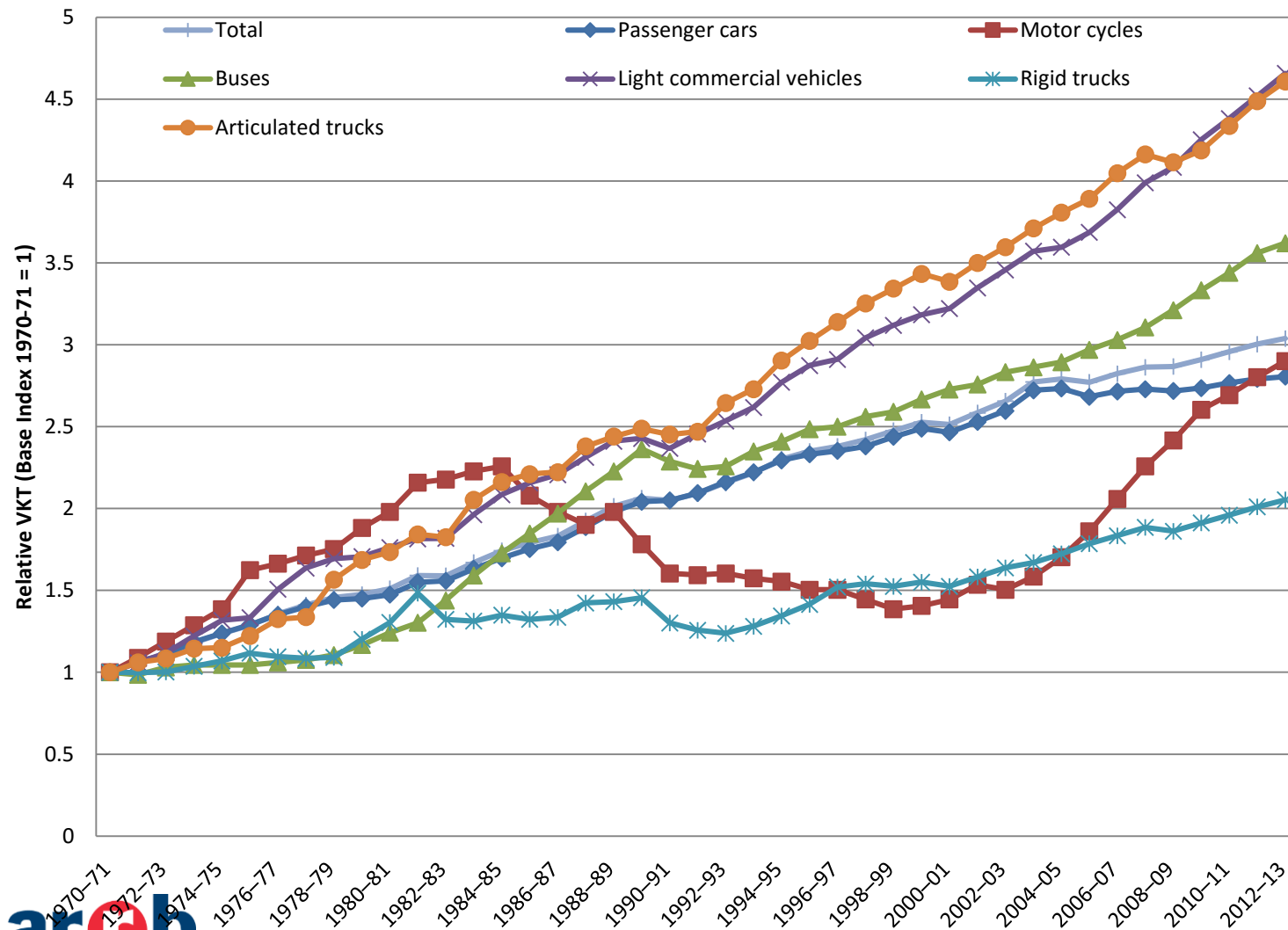
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Presentation outline

- What statistics are we looking at?
- Freight Task
 - growth
 - composition
 - distance travelled
- Crashes
 - cost
 - number
 - trends
- Recap of what the Statistics tell us
- Strategies and Actions Plans

VKT by vehicle type



2014 Motor Vehicle Census

As of 2014 Motor Vehicle Census Data reveal that there are:

- 465,122 rigid trucks
 - 329,464 heavy rigid trucks
 - 135,658 light rigid trucks
- 93,853 articulated trucks
- 94,131 buses
- 23,144 non-freight carrying vehicles (e.g. tow-trucks)
- 2.82 million LCVs
- 17.63 million total number of vehicle registered

Source: Australian Bureau of Statistic Motor Vehicle Census, Australia 31 January 2014 (ABS 9309.0)

Articulated Fatal Crashes

Year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2009	47	20	40	11	12	11	2	2	121
2010	51	36	29	7	15	3	1	1	123
2011	47	23	39	13	14	2	3	0	125
2012	50	30	45	10	8	3	2	0	124
2013	32	14	35	11	11	2	1	0	87
Total	186 (32%)	110 (19%)	156 (27%)	45 (8%)	51 (8%)	20 (3%)	9 (2%)	3 (1%)	580 (100%)

Source: Fatal HV crashes Australia Oct – Dec 2013 (BITRE)

Articulated Crash Fatalities

Year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2009	47	20	40	11	12	11	2	2	145
2010	51	36	29	7	15	3	1	1	143
2011	47	23	39	13	14	2	3	0	141
2012	50	30	45	10	8	3	2	0	148
2013	32	14	35	11	11	2	1	0	106
Total	227 (33%)	123 (18%)	188 (28%)	52 (8%)	60 (9%)	21 (3%)	9 (1%)	3 (< 1%)	683 (100%)

Source: Fatal HV crashes Australia Oct – Dec 2013 (BITRE)

Rigid Truck Fatal Crashes

Year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2009	23	18	13	2	16	1	0	0	73
2010	20	19	12	2	11	4	0	1	69
2011	15	14	13	6	5	2	2	0	57
2012	22	16	23	6	15	2	1	1	86
2013	24	15	11	4	15	0	0	0	69
Total	104 (29%)	82 (23%)	72 (20%)	20 (6%)	62 (18%)	9 (2%)	3 (1%)	2 (1%)	354 (100%)

Source: Fatal HV crashes Australia Oct – Dec 2013 (BITRE)

Rigid Truck Fatalities

Year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2009	24	19	13	2	18	1	0	0	77
2010	24	24	15	2	13	5	0	1	84
2011	17	20	14	6	6	2	4	0	69
2012	23	17	27	7	18	4	1	1	98
2013	26	16	13	4	15	0	0	0	74
Total	114 (28%)	96 (24%)	82 (20%)	21 (5%)	70 (18%)	12 (3%)	5 (1%)	2 (< 1%)	402 (100%)

Bus Fatal Crashes

Year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2009	8	6	8	2	0	1	0	0	25
2010	9	2	3	3	0	1	1	1	20
2011	11	5	7	0	1	0	0	0	24
2012	6	3	6	1	1	0	0	0	17
2013	2	3	5	0	0	0	1	0	11
Total	36 (37%)	19 (20%)	29 (30%)	6 (6%)	2 (2%)	2 (2%)	2 (2%)	1 (1%)	97 (100%)

Source: Fatal HV crashes Australia Oct – Dec 2013 (BITRE)

Bus Fatalities

Year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2009	9	9	10	2	0	1	0	0	31
2010	9	2	4	3	0	1	1	1	21
2011	11	5	8	0	1	0	0	0	25
2012	6	3	7	1	1	0	0	0	18
2013	3	3	6	0	0	0	1	0	13
Total	38 (35%)	22 (20%)	35 (32%)	6 (6%)	2 (2%)	2 (2%)	2 (2%)	1 (1%)	108 (100%)

Source: Fatal HV crashes Australia Oct – Dec 2013 (BITRE)

Fatal Crashes by HV Type

Year	Artic	%	Rigid	%	Buses	%	Total
2009	121	55	73	33	25	12	219
2010	123	58	69	33	20	9	212
2011	125	61	57	28	24	11	206
2012	124	55	86	38	17	7	227
2013	87	52	69	41	11	7	167
Total	580	56	354	34	97	10	1031

Fatalities by HV Type

Year	Artic	%	Rigid	%	Buses	%	Total
2009	145	57	77	30	31	13	253
2010	143	58	84	34	21	8	248
2011	141	60	69	29	25	11	235
2012	148	56	98	37	18	7	264
2013	106	55	74	38	13	7	193
Total	683	57	402	34	108	9	1193

Source: Fatal HV crashes Australia Oct – Dec 2013 (BITRE)

HV Fatalities as a Proportion of All Road Fatalities

Year	All Road Fatalities	HV Fatalities	% of HV Fatalities
2009	1,488	253	17.0
2010	1,353	248	18.3
2011	1,277	235	18.4
2012	1,300	264	20.3
2013	1,187	193	16.3
Average	1,321	239	18.1

HV Crashes: Societal Cost

Social Cost of Road Crashes	\$ Billion
All Road Crashes	27.1 ¹
Heavy Vehicle Crashes	5.9 ²

¹ Source: Impact of road trauma and measures to improve outcome Report 140 BITRE

² Based on 18.1% of all crashes involving a Heavy Vehicle

Recap of what the Statistics tell us:

- Major growth in Articulated Truck and LCV travel across Australia, more than twice the rate of Rigid Trucks
- On average, over the 5-year period, there have been:
 - 4 fatal HV crashes each week that resulted in about 5 fatalities
 - 10 fatal Articulated Truck crashes each month that resulted in 11 fatalities
 - 6 fatal Rigid HV crashes each month that resulted in about 7 fatalities
 - almost 2 fatal bus crashes each month that resulted in 2 fatalities
- On average 18.1% of all fatalities involve a HV.
- Est. Annual Societal Cost of HV Crashes is **\$5.9 Billion**

Strategies and Action Plans

- National Road Safety Strategy (2011 – 2020)
 - Corporate responsibilities p35
 - Organisational adoption of *ISO 39001 Road traffic safety (RTS) management systems – Requirements with guidance for use*
 - National Road Safety Action Plan 2015 – 2017
 - Action 18: *Encourage private sector organisations to implement best practice fleet and workplace safety policies.*
- Implementation: *Work with the National Road Safety Partnership Program (NRSP) to encourage road safety improvements in the workplace.*

Thank you!