

11 October 2013

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Reporter
Waikato Times
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Dear Aaron

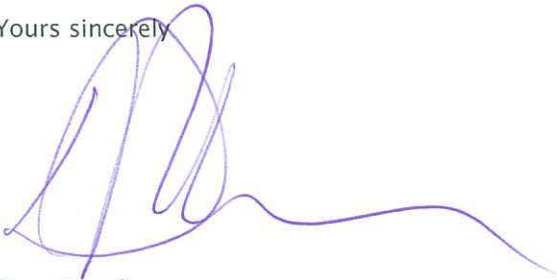
Request made under the Official Information Act 1982

Thank you for your email of 24 September 2013 requesting, under the Official Information Act 1982, updated information on crashes involving trucks and on crashes involving overseas drivers.

I have set out each of your questions and our responses in Appendix 1. The 2013 figures were extracted from our crash analysis system as at 31 August 2013. They are not complete as data is still being collected.

If you would like to discuss this reply with the Transport Agency, please contact Glenda Dobbyn, Waikato and Bay of Plenty Media Manager, by email to glenda.dobbyn@nzta.govt.nz or by phone on (07) 927 6009.

Yours sincerely



Dave Brash
Group Manager Planning and Investment

Section 1: crashes involving trucks

1. How many serious or fatal road crashes in the Waikato and New Zealand involved trucks, from 1 January 2002 to 31 August 2013? I would like this broken down on a yearly basis.

Please refer to Tables 1 and 2 below.

Year	Serious crashes	Fatal crashes
2002	36	15
2003	35	14
2004	36	22
2005	39	18
2006	31	12
2007	24	26
2008	24	15
2009	22	13
2010	20	9
2011	26	15
2012	34	15
2013 (to 31 August)	11	9

Table 1: number of serious or fatal crashes involving trucks in the Waikato, 1 January 2002 to 31 August 2013

Year	Serious crashes	Fatal crashes
2002	188	67
2003	171	60
2004	202	81
2005	196	73
2006	171	73
2007	195	65
2008	181	52
2009	135	49
2010	123	50
2011	126	45
2012	143	46
2013 (to 31 August)	74	32

Table 2: number of serious or fatal crashes involving trucks in New Zealand, 1 January 2002 to 31 August 2013

2. How many serious or fatal road crashes were there in the Waikato and New Zealand between 1 January 2002 and 31 August 2013? I would like this broken down on a yearly basis.

Please refer to Tables 3 and 4 below.

Year	Serious crashes	Fatal crashes
2002	230	59
2003	250	71
2004	250	73
2005	236	76
2006	239	58
2007	242	82
2008	273	66
2009	253	60
2010	211	59
2011	266	56
2012	241	53
2013 (to 31 August)	127	23

Table 3: number of serious or fatal crashes in the Waikato, 1 January 2002 to 31 August 2013

Year	Serious crashes	Fatal crashes
2002	2151	365
2003	2077	405
2004	2071	375
2005	2117	341
2006	2187	350
2007	2169	375
2008	2145	331
2009	1996	337
2010	1883	337
2011	1743	259
2012	1754	267
2013 (to 31 August)	980	149

Table 4: number of serious or fatal crashes in New Zealand, 1 January 2002 to 31 August 2013

3. Of the serious or fatal Waikato crashes involving trucks, when and where did these occur? ie, intersections, at night, etc.

Please refer to Tables 5 and 6 below.

Year	Serious crashes		Fatal crashes		
	Dark	Light	Dark	Light	Unknown
2002	11	25	6	9	
2003	10	25	6	8	
2004	17	19	5	17	
2005	9	30	5	13	
2006	9	22	4	8	
2007	7	17	10	16	
2008	6	18	5	10	
2009	6	16	7	6	
2010	5	15	3	6	
2011	3	23	5	9	1
2012	10	24	5	10	
2013 (to 31 August)	6	5	4	5	

Table 5: time of serious or fatal crashes involving trucks in the Waikato, 1 January 2002 to 31 August 2013

Year	Serious crashes		Fatal crashes	
	Intersections	Non-intersections	Intersections	Non-intersections
2002	6	30	2	13
2003	10	25	5	9
2004	15	21	2	20
2005	13	26	4	14
2006	9	22	2	10
2007	4	20	7	19
2008	4	20	4	11
2009	5	17	2	11
2010	3	17	1	8
2011	7	19	4	11
2012	11	23	5	10
2013 (to 31 August)	2	9	2	7

Table 6: location of serious or fatal crashes involving trucks in the Waikato, 1 January 2002 to 31 August 2013

4. Of the serious or fatal crashes nationwide involving trucks, when and where did these occur?

Please refer to Tables 7 and 8 below.

Year	Serious crashes		Fatal crashes		
	Dark	Light	Dark	Light	Unknown
2002	39	149	25	42	
2003	49	122	19	41	
2004	51	151	23	58	
2005	40	156	22	51	
2006	47	124	21	52	
2007	54	141	18	47	
2008	35	146	17	35	
2009	36	99	15	34	
2010	25	98	16	34	
2011	26	100	15	29	1
2012	29	113	12	34	
2013 (to 31 August)	13	39	7	15	

Table 7: time of serious or fatal crashes involving trucks in New Zealand, 1 January 2002 to 31 August 2013

Year	Serious crashes		Fatal crashes	
	Intersections	Non-intersections	Intersections	Non-intersections
2002	62	126	13	54
2003	46	125	18	42
2004	65	137	15	66
2005	65	131	20	53
2006	64	107	13	60
2007	53	142	16	49
2008	63	118	8	44
2009	39	96	13	36
2010	43	80	9	41
2011	41	85	11	34
2012	45	97	12	34
2013 (to 31 August)	27	47	9	23

Table 8: location of serious or fatal crashes involving trucks in New Zealand, 1 January 2002 to 31 August 2013

5. Of the serious or fatal Waikato crashes, how many were caused by truck drivers? What is the estimated cost of these crashes?

Please refer to Tables 9 and 10 below. You should treat the figures in these tables with caution. Our crash analysis system identifies culpable truck drivers but other drivers may also be at fault in some crashes. It would therefore be incorrect to say truck drivers were solely at fault in all crashes.

Year	Serious crashes	Fatal crashes
2002	16	6
2003	15	3
2004	21	8
2005	15	10
2006	17	4
2007	13	9
2008	11	3
2009	12	4
2010	7	3
2011	14	7
2012	19	2
2013 (to 31 August)	7	5

Table 9: number of serious or fatal crashes in the Waikato caused or partially caused by truck drivers, 1 January 2002 to 31 August 2013

Year	Serious crashes (\$ million)	Fatal crashes (\$ million)
2002	13.611	28.252
2003	11.344	14.094
2004	14.418	39.054
2005	11.418	47.463
2006	14.484	19.652
2007	11.729	40.278
2008	8.494	14.244
2009	8.242	18.697
2010	4.148	14.589
2011	8.788	33.004
2012	11.201	9.726
2013 (to 31 August)	4.058	23.558

Table 10: social cost of serious or fatal crashes in the Waikato caused or partially caused by truck drivers, 1 January 2002 to 31 August 2013

6. Of the serious or fatal crashes nationwide, how many were caused by truck drivers? What is the estimated cost of these crashes?

Please refer to Tables 11 and 12 below. You should treat the figures in these tables with caution. Our crash analysis system identifies culpable truck drivers but other drivers may also be at fault in some crashes. It would therefore be incorrect to say truck drivers were solely at fault in all crashes.

Year	Serious crashes	Fatal crashes
2002	99	28
2003	89	22
2004	106	27
2005	102	26
2006	93	24
2007	121	23
2008	87	14
2009	74	16
2010	60	21
2011	62	17
2012	72	10
2013 (to 31 August)	38	10

Table 11: number of serious or fatal crashes in New Zealand caused or partially caused by truck drivers, 1 January 2002 to 31 August 2013

Year	Serious crashes (\$ million)	Fatal crashes (\$ million)
2002	88.671	129.255
2003	67.503	96.449
2004	89.580	127.078
2005	85.744	119.742
2006	77.342	111.689
2007	103.249	101.863
2008	73.051	62.785
2009	56.992	71.968
2010	46.994	92.140
2011	51.173	76.810
2012	55.201	44.748
2013 (to 31 August)	28.984	45.906

Table 12: social cost of serious or fatal crashes in New Zealand caused or partially caused by truck drivers, 1 January 2002 to 31 August 2013

More information on the social cost of crashes is available at:

<http://www.transport.govt.nz/ourwork/Land/landsafety/TheSocialCostofRoadCrashesandInjuries/>

Section 2: crashes involving overseas drivers

7. How many serious or fatal road crashes in New Zealand and the Waikato involved drivers on an overseas licence, from 1 January 2002 to 31 August 2013? I would like this broken down on a yearly basis.

Please refer to Tables 13 and 14 below.

Year	Serious crashes	Fatal crashes	Total
2002	119	14	133
2003	98	21	119
2004	90	22	112
2005	109	14	123
2006	105	18	123
2007	111	17	128
2008	100	17	117
2009	129	21	150
2010	98	18	116
2011	94	15	109
2012	94	19	113
2013 (to 31 August)	62	5	67
Total	1,209	201	1,410

Table 13: number of serious or fatal crashes in New Zealand involving drivers on overseas licences, 1 January 2002 to 31 August 2013

Year	Serious crashes	Fatal crashes	Total
2002	13	2	15
2003	12	8	20
2004	15	2	17
2005	14	4	18
2006	5	1	6
2007	15	1	16
2008	11	3	14
2009	13	4	17
2010	14	4	18
2011	15	4	19
2012	10	8	18
2013 (to 31 August)	5	0	5
Total	142	41	183

Table 14: number of serious or fatal crashes in the Waikato involving drivers on overseas licences, 1 January 2002 to 31 August 2013

8. How many serious or fatal road crashes were there in New Zealand and the Waikato between 1 January 1 2002 and 31 August, 2013? I would like this broken down on a yearly basis.

Please refer to Tables 15 and 16 below.

Year	Serious crashes	Fatal crashes	Total
2002	2,151	365	2,516
2003	2,077	405	2,482
2004	2,071	375	2,446
2005	2,117	341	2,458
2006	2,187	350	2,537
2007	2,169	375	2,544
2008	2,145	331	2,476
2009	1,996	337	2,333
2010	1,883	337	2,220
2011	1,743	259	2,002
2012	1,754	267	2,021
2013 (to 31 August)	995	149	1,144
Total	23,288	3,891	27,179

Table 15: number of serious or fatal crashes in New Zealand, 1 January 2002 to 31 August 2013

Year	Serious crashes	Fatal crashes	Total
2002	230	59	289
2003	250	71	321
2004	250	73	323
2005	236	76	312
2006	239	58	297
2007	242	82	324
2008	273	66	339
2009	253	60	313
2010	211	59	270
2011	266	56	322
2012	241	53	294
2013 (to 31 August)	130	23	153
Total	2,821	736	3,557

Table 16: number of serious or fatal crashes in the Waikato, 1 January 2002 to 31 August 2013

9. Of the serious or fatal Waikato crashes involving drivers on an overseas licence, when and where did these occur? i.e intersections, at night etc.

Please refer to Tables 17 and 18 below.

Year	Crashes in darkness hours	Crashes in daylight hours	Total
2002	4	11	15
2003	3	17	20
2004	5	12	17
2005	3	15	18
2006	0	6	6
2007	1	15	16
2008	5	9	14
2009	2	15	17
2010	4	14	18
2011	6	13	19
2012	1	17	18
2013 (to 31 August)	1	4	5
Total	35	148	183

Table 17: time when crashes involving drivers on overseas licences occurred in the Waikato, 1 January 2002 to 31 August 2013

Year	Crashes at intersections	Crashes at midblocks	Total
2002	8	7	15
2003	7	13	20
2004	3	14	17
2005	2	16	18
2006	2	4	6
2007	5	11	16
2008	3	11	14
2009	5	12	17
2010	5	13	18
2011	5	14	19
2012	6	12	18
2013 (to 31 August)	1	4	5
Total	52	131	183

Table 18: place where crashes involving drivers on overseas licences occurred in the Waikato, 1 January 2002 to 31 August 2013

10. Of the serious or fatal crashes nationwide involving drivers on an overseas licence, when and where did these occur?

Please refer to Tables 19 and 20 below.

Year	Crashes in darkness hours	Crashes in daylight hours	Total
2002	29	104	133
2003	29	90	119
2004	28	84	112
2005	28	95	123
2006	28	95	123
2007	21	107	128
2008	27	90	117
2009	44	106	150
2010	25	91	116
2011	28	81	109
2012	23	90	113
2013 (to 31 August)	8	59	67
Total	318	1,092	1,410

Table 19: time when crashes involving drivers on overseas licences occurred in New Zealand, 1 January 2002 to 31 August 2013

Year	Crashes at intersections	Crashes at midblocks	Total
2002	38	95	133
2003	26	93	119
2004	29	83	112
2005	30	93	123
2006	29	94	123
2007	29	99	128
2008	32	85	117
2009	44	106	150
2010	36	80	116
2011	34	75	109
2012	32	81	113
2013 (to 31 August)	18	49	67
Total	377	1,033	1,410

Table 20: place where crashes involving drivers on overseas licences occurred in New Zealand, 1 January 2002 to 31 August 2013

11. Of the serious or fatal Waikato crashes, how many were caused by drivers on an overseas licence? What is the estimated cost of these crashes?

Please refer to Tables 21 and 22 below. You should treat the figures these tables with caution. Our crash analysis system identifies culpable drivers on overseas licences but other drivers may also be at fault in some crashes. It would therefore be incorrect to say drivers on overseas licences were solely at fault in all crashes.

The social cost estimates aim to understand the consequential costs of crashes and injuries. They are largely irrespective of the nationality of those involved.

Year	Serious crashes	Fatal crashes	Total
2002	9	2	11
2003	9	4	13
2004	13	1	14
2005	9	3	12
2006	5	1	6
2007	12	1	13
2008	10	3	13
2009	11	3	14
2010	12	3	15
2011	12	3	15
2012	7	8	15
2013 (to 31 August)	3	0	3
Total	112	32	144

Table 21: number of serious or fatal crashes in the Waikato caused or partially caused by drivers on overseas licences, 1 January 2002 to 31 August 2013

Year	Serious crashes (\$ million)	Fatal crashes (\$ million)	Total (\$ million)
2002	7.179	9.754	16.933
2003	6.636	17.460	24.096
2004	9.772	4.990	14.762
2005	7.209	14.868	22.077
2006	4.162	4.913	9.075
2007	10.736	5.046	15.782
2008	7.879	13.591	21.470
2009	7.904	14.202	22.106
2010	7.635	14.589	22.224
2011	7.635	14.589	22.224
2012	4.730	38.147	42.877
2013 (to 31 August)	1.797	0	1.797
Total	83.274	152.149	235.423

Table 22: social cost estimates of serious or fatal crashes in the Waikato caused or partially caused by drivers on overseas licences, 1 January 2002 to 31 August 2013

To put the social cost figures in Table 22 in context, Table 23 below shows the estimated social costs of all serious and fatal crashes in the Waikato for the same period.

Year	Serious crashes (\$ million)	Fatal crashes (\$ million)	Total (\$ million)
2002	187.250	280.880	468.130
2003	185.214	321.570	506.784
2004	178.362	355.512	533.874
2005	178.376	363.530	541.906
2006	199.304	276.290	475.594
2007	211.462	369.973	581.435
2008	212.113	306.259	518.372
2009	171.125	281.003	452.128
2010	125.969	279.264	405.233
2011	157.673	263.721	421.394
2012	144.431	252.160	396.591
2013 (to 31 August)	78.643	108.541	187.184
Total	2,029.922	3,458.703	5,488.625

Table 23: social cost estimates of all serious or fatal crashes in the Waikato, 1 January 2002 to 31 August 2013

12. Of the serious or fatal crashes nationwide, how many were caused by drivers on an overseas licence? What is the estimated cost of these crashes?

Please refer to Tables 24 and 25 below. You should treat the figures in these tables with caution. Our crash analysis system identifies culpable drivers on overseas licences but other drivers may also be at fault in some crashes. It would therefore be incorrect to say drivers on overseas licences were solely at fault in all crashes.

The social cost estimates aim to understand the consequential costs of crashes and injuries. They are largely irrespective of the nationality of those involved.

Year	Serious crashes	Fatal crashes	Total
2002	91	11	102
2003	76	10	86
2004	73	17	90
2005	84	10	94
2006	73	17	90
2007	88	16	104
2008	72	12	84
2009	96	15	111
2010	79	14	93
2011	78	14	92
2012	80	18	98
2013 (to 31 August)	54	5	59
Total	944	159	1,103

Table 24: number of serious or fatal crashes nationwide caused or partially caused by drivers on overseas licences, 1 January 2002 to 31 August 2013

Year	Serious crashes (\$ million)	Fatal crashes (\$ million)	Total (\$ million)
2002	75.305	51.026	126.331
2003	55.795	44.858	100.653
2004	58.229	77.823	136.052
2005	69.925	45.352	115.277
2006	60.896	79.846	140.742
2007	73.492	74.004	147.496
2008	60.605	53.135	113.740
2009	73.681	66.401	140.082
2010	60.200	63.392	123.592
2011	60.039	62.318	122.357
2012	62.131	82.734	144.865
2013 (to 31 August)	44.498	22.343	66.841
Total	754.796	723.232	1,478.028

Table 25: social cost estimates of serious or fatal crashes nationwide caused or partially caused by drivers on overseas licences, 1 January 2002 to 31 August 2013

To put the social cost figures in Table 25 in context, Table 26 below shows the estimated social costs of all serious and fatal crashes nationwide for the same period.

Year	Serious crashes (\$ million)	Fatal crashes (\$ million)	Total (\$ million)
2002	1,783.807	1,653.572	3,437.379
2003	1,585.193	1,826.251	3,411.444
2004	1,663.461	1,729.352	3,392.813
2005	1,712.530	1,573.354	3,285.884
2006	1,761.809	1,578.365	3,340.174
2007	1,804.210	1,669.001	3,473.211
2008	1,741.797	1,477.506	3,219.303
2009	1,526.700	1,499.832	3,026.532
2010	1,460.404	1,498.432	2,958.836
2011	1,340.637	1,148.320	2,488.957
2012	1,361.221	1,187.142	2,548.363
2013 (to 31 August)	776.708	660.979	1,437.687
Total	18,518.477	17,502.106	36,020.583

Table 26: social cost estimates of all serious or fatal crashes nationwide, 1 January 2002 to 31 August 2013

13. Of the serious or fatal crashes nationwide, what was the country shown in the licence of the overseas driver at fault or part fault?

Please refer to Table 27 below.

Note that these figures may include non-tourist drivers, ie, those on immigration permits still using their overseas licence.

Country in licence	Serious crashes	Fatal crashes	Total
Country name not reported	301	38	339
AMERICA	6	3	9
ARGENTINA	4	2	6
ARGINTINA	1		1
ASIA	2		2
AUSTRALIA	71	21	92
AUSTRALIAN	1		1
AUSTRIA	3	1	4
BAHRAIN	1		1
BELGIUM	1		1
BRAZIL	14	1	15
BRITAIN		2	2
BRITISH	2		2
CA USA	1		1
CAMBODIA		1	1
CANADA	24	5	29
CHECH	1		1
CHEK REPUBLIC	1		1
CHEQ REPUBLIC	1		1
CHILE	3		3
CHINA	30	3	33
COLUMBIA	2		2
CZECH REPUBLIC	5		5
CZECHOSLOVAKIA	1		1
CZHEC REPUBLIC	1		1
CZHECH	1		1
DENMARK	5	1	6
DUBAI	1		1
ENGLAND	23	8	31
ESTONIA	1		1
FIJI	9		9
FINLAND	2		2
FRANCE	15	2	17

Country in licence	Serious crashes	Fatal crashes	Total
FRENCH POLYNESIA		1	1
GERMAN	1		1
GERMANY	64	14	78
GREAT BRITAIN	1		1
HOLLAND	6		6
HONG KONG	6	1	7
HUNGARY	1		1
ICELAND	1		1
INDIA	29	4	33
INDIA	1		1
INDONESIA	3	1	4
IRELAND	9	2	11
ISRAEL	12	3	15
ITALY	3	1	4
JAPAN	9	6	15
KOREA	12	2	14
KUWAIT		1	1
LUXEMBOURG	2		2
MALAYSIA	9	2	11
NEDERLAND	1		1
NETHERLANDS	7	1	8
NEW CALEDONIA	1		1
NIGERIA	1		1
NORTH AMERICA	1		1
NOUMEA		1	1
OMAN	1		1
PHILIPPINES	2		2
PHILLIPINES	7		7
PHILLIPINES	1		1
POLAND	1		1
QATAR	1		1
REPUBLIC OF CHINA	1		1
RUSSIA	2	1	3
SAMOA	7		7
SAUDI ARABIA	2		2
SCOTLAND	3		3
SINGAPORE	10	4	14
SLOVENIA	1		1
SLOVONIA	1		1

Country in licence	Serious crashes	Fatal crashes	Total
SOUTH AFRICA	6	1	7
SOUTH KOREA	2		2
SPAIN	9		9
SWEDEN	5	2	7
SWITZERLAND	13	1	14
TAIHITI	1		1
TAIWAN	7	1	8
TEXAS USA	1		1
THAILAND	5		5
TONGA	5	1	6
TONGAN	1		1
TURKEY	1		1
UK	40	3	43
UKRAINE	1		1
UNITED EMIRATES	1		1
UNITED KINGDOM	15	4	19
UNITED STATES	2		2
UNKNOWN	1		1
URAGUAY	3		3
URUGUAY	1		1
URUQUAY	1		1
USA	72	12	84
VANUATU	2	1	3
WALES	2	2	4
WALES UNITED KINGDOM	1		1
WESTERN SAMOA	1		1
ZIMBABWE	2		2
Total	955	162	1117

Table 27: country shown in licence of overseas driver for crashes nationwide, 1 January 2002 to 31 August 2013

14. Of the serious or fatal crashes in the Waikato, what was the country shown in the licence of the overseas driver at fault or part fault?

Please refer to Table 28 below.

Note that these figures may include non-tourist drivers, ie, those on immigration permits still using their overseas licence.

Country in licence	Serious crashes	Fatal crashes	Total
Country name not recorded	36	12	48
AMERICA		1	1
AUSTRALIA	8	5	13
BRAZIL	1		1
BRITAIN		1	1
CANADA	4	2	6
CHEQ REPUBLIC	1		1
CHILE	1		1
CHINA	5		5
COLUMBIA	1		1
ENGLAND	1	1	2
FIJI	1		1
FINLAND	1		1
FRANCE	1	1	2
GERMANY	8	1	9
HOLLAND	3		3
HONG KONG	2		2
INDIA	5	1	6
INDONESIA		1	1
IRELAND	2		2
ISRAEL	1		1
ITALY	2		2
MALAYSIA	1	2	3
NETHERLANDS	1		1
NEW CALEDONIA	1		1
NOUMEA		1	1
PHILLIPINES	1		1
SAUDI ARABIA	1		1
SINGAPORE	1	1	2
SOUTH AFRICA	2		2
SPAIN	2		2

Country in licence	Serious crashes	Fatal crashes	Total
SWITZERLAND	3		3
THAILAND	1		1
UK	1		1
UNITED KINGDOM	3		3
UNKNOWN	1		1
USA	9	2	11
VANUATU		1	1
Total	112	33	145

Table 28: country shown in licence of overseas driver for crashes in the Waikato, 1 January 2002 to 31 August 2013