



Quarterly NZTA road safety outcomes report to the Ministers of Police and Transport

Period in Review

April – June 2011

Issued on: 29 July 2011

This quarterly summary of road safety outcomes shows:

- an overall picture of fatal and serious casualties in road crashes over the past 5 years
- a set of intermediate outcome measures for each of the *Safer Journeys* areas of concern
- the trend in a representative “headline measure” over the past 5 years for each of the *Safer Journeys* areas of concern
- local Regional and Police District comparisons against a representative “headline outcome measure” for each of the *Safer Journeys* areas of concern.

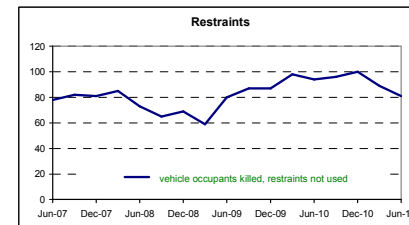
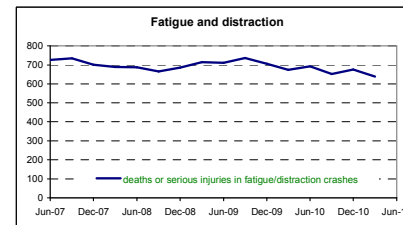
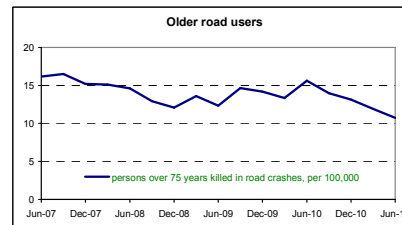
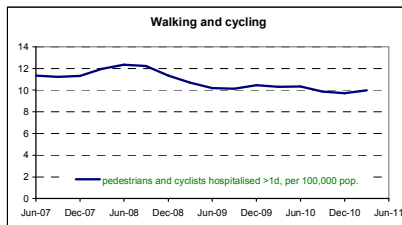
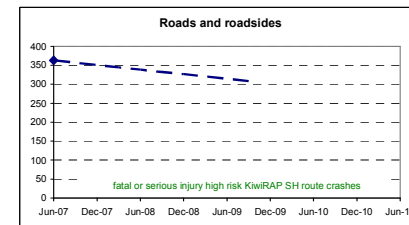
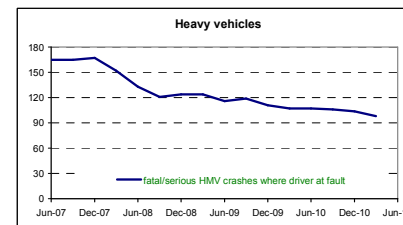
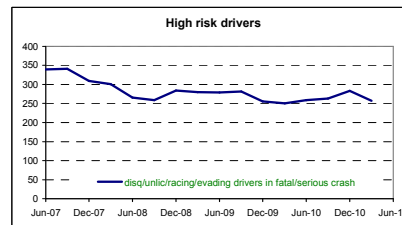
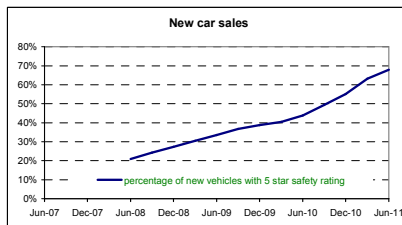
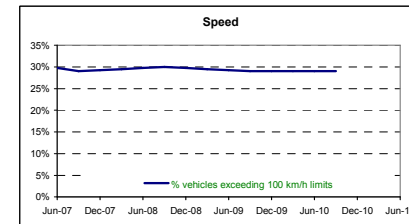
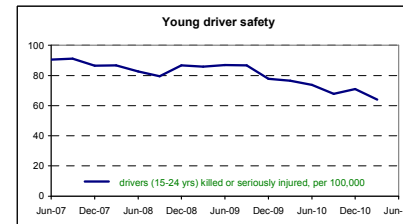
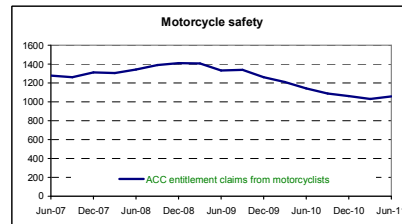
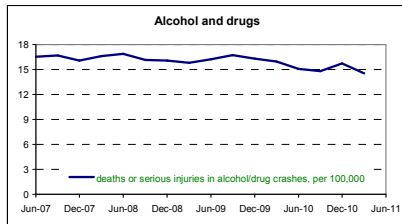
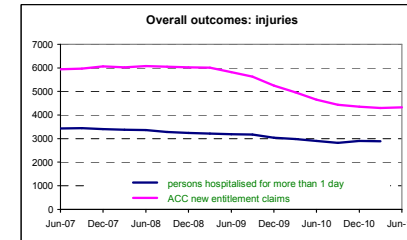
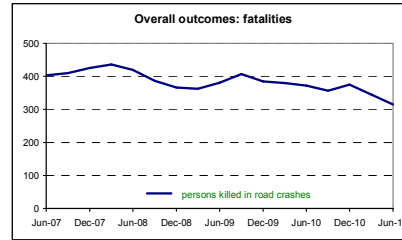
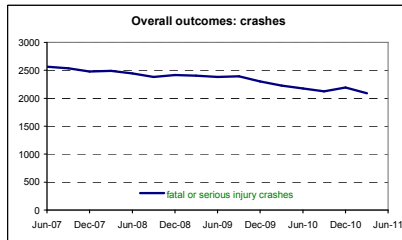
Outcome measures are provided for the most recently available quarter, to June 2011 in some cases but usually to March 2011. Some measures are only available on an annual basis.

Some outcome measures are not available at a Regional or Police District level, and an alternative headline measure is presented in the relevant charts. Also, in the Regional and Police District charts, some measures are shown on an averaged 3-yearly basis where the numbers involved are too small to give meaningful single year comparisons.

Key results for the quarter:

- fatal and serious injury crashes continue to decrease; the fatality total is nudging close to 300 for a 12 month period
- ACC entitlement claims for motorcyclists have decreased by nearly 400 per year, from around 1400 in 2008/09
- although adult seatbelt use is high (96%), approximately one third of persons killed as vehicle occupants were not using restraints
- nearly 70% of new cars sold in New Zealand in the past 12 months had a five star crash rating.

Quarterly road safety outcomes, 2007 - 2011 [12-month rolling figures]



Quarterly road safety outcomes	latest available figures			Last 5 years				
	latest quarter	as at	latest 12 months	2006	2007	2008	2009	2010
Overall outcomes								
fatal or serious injury crashes	492	Mar 2011	2088	2516	2475	2413	2298	2194
persons killed in road crashes	69	Jun 2011	315	393	421	365	384	375
persons killed or seriously injured	594	Mar 2011	2535	3060	3056	2878	2809	2663
persons killed or seriously injured, per 100 million vehicle km travelled	563	Mar 2011	600	770	759	706	682	634
persons hospitalised for more than 1 day (>1d)	759	Mar 2011	2884	3396	3404	3240	3032	2906
ACC new entitlement claims	1129	Jun 2011	4332	5779	6062	6027	5252	4347
Alcohol and drugs								
deaths or serious injuries in alcohol/drug crashes, per 100,000 popn.	14.5	Mar 2011	14.5	16.1	16.2	16.2	16.3	15.7
drivers killed with excess alcohol	22	Dec 2010	67	54	65	59	66	-
% think high probability being stopped at CBT checkpoint	56%	2010	56%	48%	54%	51%	52%	56%
% think high probability being tested for drugs (NEW)	-	-	n/a	-	-	-	n/a	n/a
Young drivers								
young drivers killed, per 100,000 15-24 yr olds	7.6	Jun 2011	7.6	9.7	9.3	10.1	7.7	9.3
young drivers (15-24 yrs) hospitalised >1d, per 100,000 15-24 yr olds	59	Mar 2011	59	75	74	73	65	55
% youth believe will be stopped for non alc/spd traffic offences	44%	2010	44%	28%	39%	35%	41%	44%
drivers on GDL at fault in fatal/serious crashes	67	Mar 2011	265	440	402	384	372	278
young drivers (15-24 yrs) killed with excess alcohol, per 100,000	2.9	Mar 2011	2.9	2.6	2.8	3.7	3.0	-
fatal and serious crashes involving 15-19 yr old drivers	63	Mar 2011	335	526	477	450	442	379
Speed								
% vehicles exceeding 100 km/h limits	29%	2010	29%	32%	29%	30%	29%	29%
% vehicles exceeding 50 km/h limits	58%	2010	58%	63%	63%	64%	61%	58%
fatal/serious speed-related crashes	114	Mar 2011	450	515	549	521	464	458
% disagree probability being detected speeding is small	52%	2010	52%	54	54	54	50%	52%
mean rural speed (km/h)	96.3	2010	96.2	96.4	96.3	96.6	96.3	96.2
mean urban speed (km/h)	52.3	2010	52.0	52.6	52.5	52.6	52.3	52.0
Motorcycle safety								
ACC entitlement claims from motorcyclists	265	Jun 2011	1058	1115	1312	1412	1262	1060
motorcycle and moped riders killed, per 100,000 popn.	0.9	Mar 2011	0.9	0.9	1.0	1.2	1.1	1.1
% of motorcycles in crashes with non-current WOFs	24%	Mar 2011	26%	23%	24%	28%	26%	27%
motorcyclists hospitalised >1d, per 100,000 popn.	14.2	Mar 2011	14.2	15.9	18.4	18.0	15.6	15.2
Roads and roadsides								
fatal or serious injury high risk KiwiRAP SH route crashes	308	2009	308	381	-	-	308	-
deaths or serious injuries in head-on crashes ⁽³⁾	91	Mar 2011	292	413	421	340	361	296
deaths or serious injuries in run-off road crashes ⁽³⁾	151	Mar 2011	687	777	804	795	772	749
deaths or serious injuries in intersection crashes ⁽³⁾	180	Mar 2011	777	897	923	887	827	784
deaths or serious injuries in pedestrian/cyclist crashes ⁽³⁾	111	Mar 2011	447	487	477	500	418	437
High risk drivers								
fatal/serious crashes with high risk driver⁽²⁾	43	Mar 2011	257	284	309	284	255	283
% disqualified drivers detected driving	12%	2009	12%			13%	12%	
% disqualified drivers detected driving (3+ times)	6%	2009	6%			7%	6%	
disqualified or unlicensed drivers involved in fatal/serious crash ⁽³⁾	32	Mar 2011	212	225	249	241	203	238

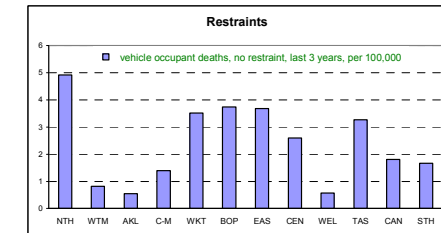
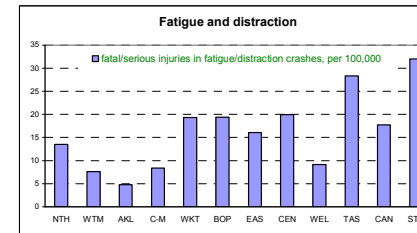
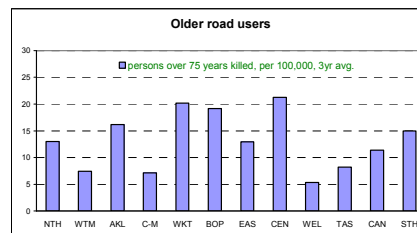
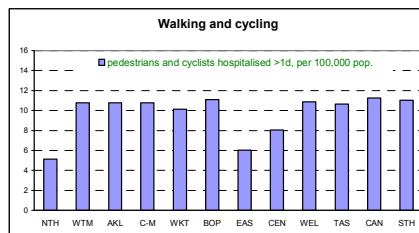
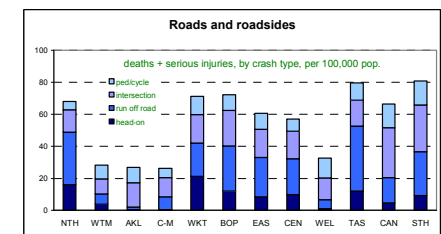
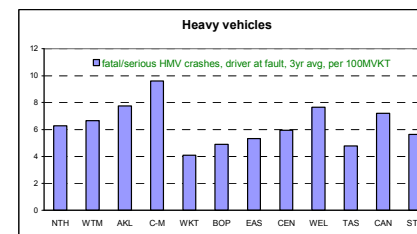
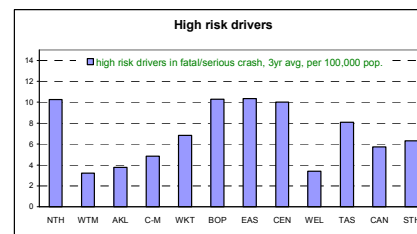
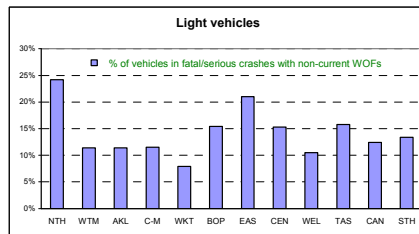
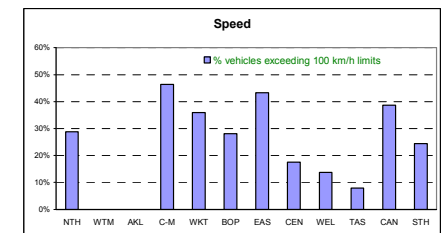
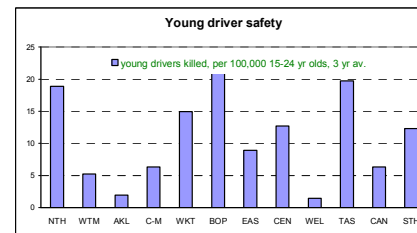
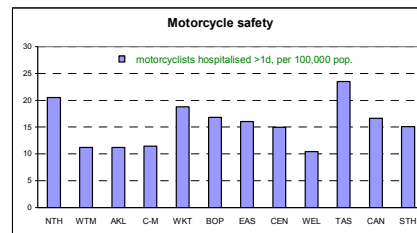
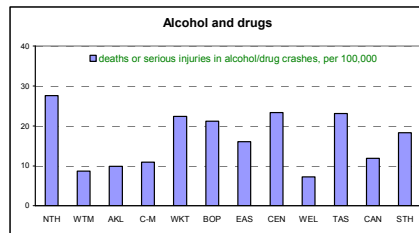
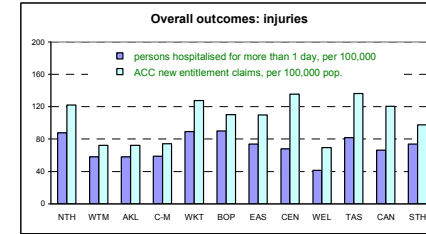
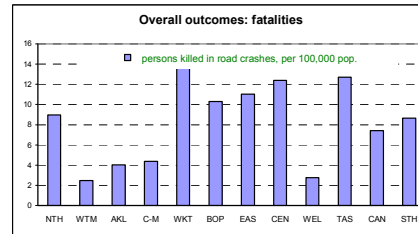
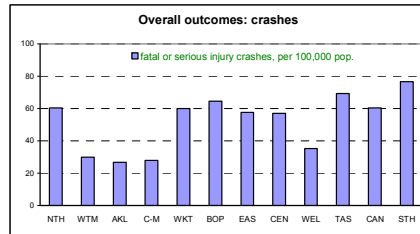
Light vehicles								
percentage of new vehicles with 5 star safety rating	73%	Jun 2011	68%	-	-	21%	39%	55%
% of vehicles in fatal/serious crashes with non-current WOFs ⁽³⁾	11%	Mar 2011	13%	14%	14%	14%	12%	13%
average (median) age of light vehicle fleet	12.9	2010	12.9	11.8	12.1	12.2	12.6	12.9
Fatigue and distraction								
deaths or serious injuries in fatigue/distraction crashes	150	Mar 2011	638	685	702	685	706	675
fatal/serious crashes with contributing fatigue/distraction	129	Mar 2011	528	556	545	563	567	551
fatal/serious crashes meeting ATSB fatigue definition ⁽¹⁾	25	Mar 2011	131	152	174	127	160	134
Heavy vehicles								
fatal/serious injury HMV crashes where driver at fault	25	Mar 2011	98	129	169	124	111	104
fatal/serious crashes involving HMVs	59	Mar 2011	204	296	308	277	226	212
% of fatal/serious HMV crashes where HMV driver at fault	42%	Mar 2011	48%	44%	54%	45%	49%	49%
compliance survey: HMVs with COF offences	18%	2009	18%				18%	
HMVs with worktime and logbook compliance offences	18%	2009	18%				18%*	
HMVs with commercial operator non-compliance offences	72%	2009	72%				72%	
HMVs with RUC compliance offences	6%	2009	6%			5%	6%	
% of HMV drivers exceeding 90 km/h speed limit	45%	2010	42%	44%	40%	46%	43%	45%
% of HMV drivers exceeding 50 km/h speed limit	44%	2010	47%	51%	49%	55%	48%	44%
Walking and cycling								
pedestrians and cyclists hospitalised >1d, per 100,000 popn.	10.0	Mar 2011	10.0	12.6	11.4	11.4	10.5	9.7
pedestrians and cyclists killed, per 100,000 popn.	1.1	Jun 2011	1.1	1.3	1.4	1.1	0.9	1.0
fatal and serious injuries to school age (5-17) cyclists and peds	32	Mar 2011	88	119	108	99	101	75
% cyclists wearing helmets	93%	2010	93%	94%	92%	92%	92%	93%
Older road users								
persons over 75 years killed in road crashes, per 100,000 75+ yr olds	11	Jun 2011	11	20	15	12	14	13
drivers over 75 years killed per 100,000	4.6	Jun 2011	5.7	9.7	7.9	5.7	9.2	7.0
drivers over 75 years, seriously injured, per 100,000	26	Mar 2011	22	33	24	26	29	22
persons over 75 years, ACC claims, per 100,000	77	Jun 2011	74	99	96	99	96	75
Restraints								
vehicle occupant deaths where restraints not worn	17	Jun 2011	81	78	81	69	87	100
% of children (5-9 yrs) in booster seats (NEW)	-	-	-	-	-	-	n/a	n/a
% front seat adult vehicle occupants restrained	96%	2010	96%	95%	95%	96%	95%	96%
% rear seat adult vehicle occupants restrained	88%	2010	88%	89%	87%	87%	87%	88%
% child (0-4 yrs) vehicle occupants restrained	93%	2010	93%	91%	91%	90%	91%	93%
% of children (0-14 yrs) appropriately restrained	98%	2010	98%	96%	94%	98%	97%	98%
% drivers think highly likely to be stopped for non-compliance	41%	2010	41%	37%	38%	40%	39%	41%
% front passengers think highly likely to be stopped for non-compliance	40%	2010	40%	36%	37%	39%	37%	40%
% rear passengers think highly likely to be stopped for non-compliance	17%	2010	17%	16%	18%	18%	18%	17%

(1) Counts OPEN ROAD crashes with no ALCOHOL, UNLICENSED DRIVERS, or PEDESTRIANS, either HEAD ON on straight road, or SINGLE VEHICLE between 0000-0559h or 1400-1559h

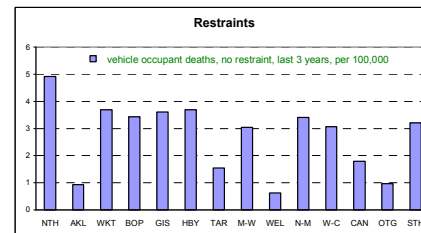
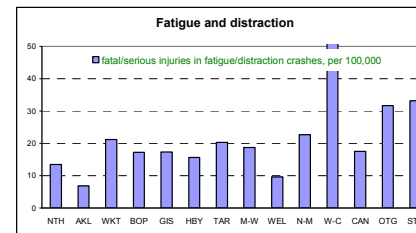
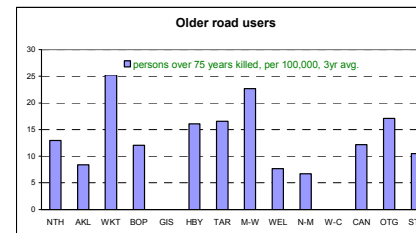
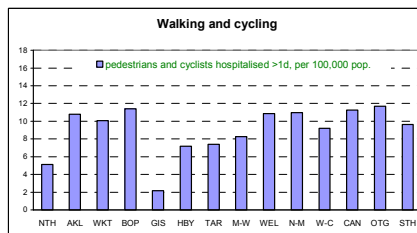
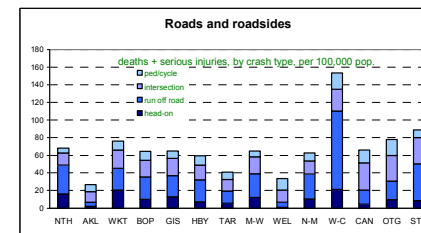
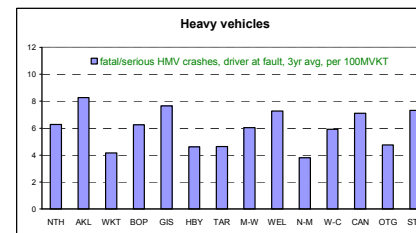
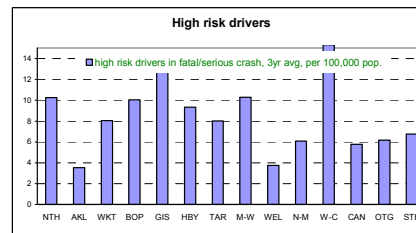
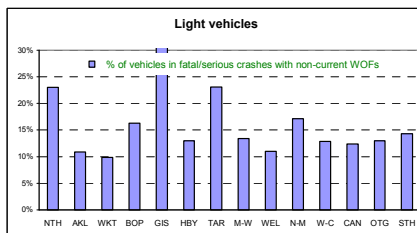
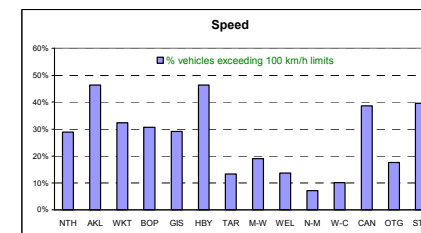
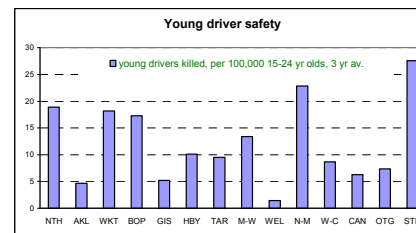
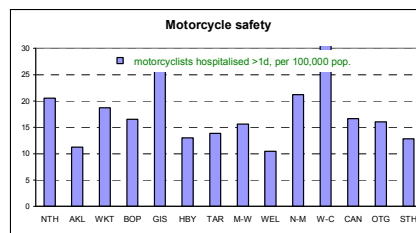
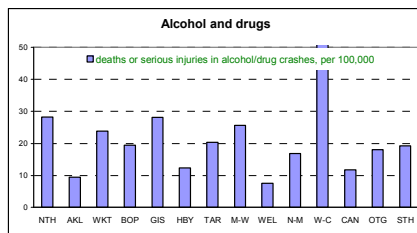
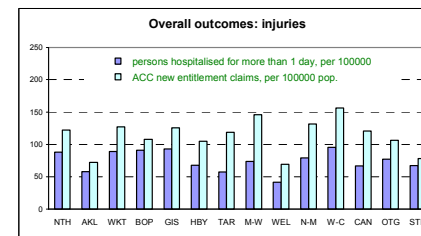
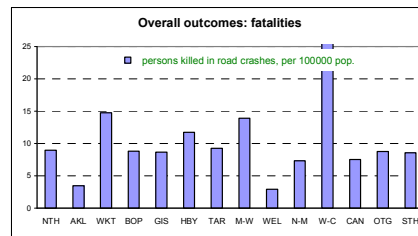
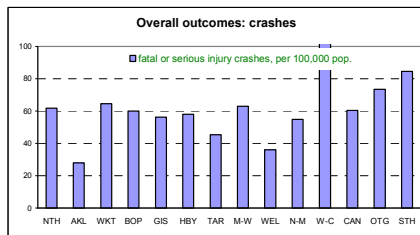
(2) High risk driver = disqualified, unlicensed, illegal street racing, evading enforcement

(3) National headline measure not available at regional/district level, this measure used instead for Local Government Region and Police District charts

Quarterly road safety outcomes to June 2011, by Police District



Quarterly road safety outcomes to June 2011, by Local Government Region



Police District road safety outcomes		NTH	WTM	AKL	C-M	WKT	BOP	EAS	CEN	WEL	TAS	CAN	STH		NZ
Overall	fatal or serious injury crashes, per 100,000 pop.	60	30	27	28	60	65	58	57	35	69	60	77		48
	persons killed in road crashes, per 100,000 pop.	9	2	4	4	15	10	11	12	3	13	7	9		7
	persons hospitalised more than 1 day (>1d) , per 100000	88	58	58	59	89	90	74	68	41	82	66	74		67
	ACC new entitlement claims, per 100000 pop.	122	72	72	74	128	110	110	136	69	136	120	98		100
Alcohol	deaths or serious injuries in alc/drug crashes, per 100,000	28	9	10	11	22	21	16	23	7	23	12	18		15
Youth	young drivers killed, per 100,000 15-24 yr olds, 3 yr avg.	19	5	2	6	15	21	9	13	1	20	6	12		8.8
Speed	% vehicles exceeding 100 km/h limits	29%			46%	36%	28%	43%	18%	14%	8%	39%	24%		28%
High risk	high risk drivers in fatal/serious crash, 3yr avg, per 100,000	10	3	4	5	7	10	10	10	3	8	6	6		6
Roads and roadsides	deaths + serious injuries in head-on crashes, per 100,000	16	4	0	1	21	12	9	10	1	12	5	9		7
	deaths + serious injuries, run-off road crashes, per 100,000	33	6	2	8	21	28	25	22	6	40	16	27		16
	deaths + serious injuries, intersection crashes, per 100,000	14	9	15	12	18	22	18	17	14	16	31	29		18
	deaths + serious injuries in ped/cyclist crashes, per 100,000	5	9	10	6	11	10	10	8	12	11	15	15		10
Motorcycle	motorcyclists hospitalised >1d, per 100,000 pop.	21	11	11	12	19	17	16	15	10	24	17	15		15
Light veh.	% of vehicles in fatal/serious crashes with non-current WOFs	24%	11%	11%	12%	8%	15%	21%	15%	11%	16%	12%	13%		13%
Fatigue	fatal/serious injuries in fatigue/distraction crashes, per 100k	13	8	5	8	19	19	16	20	9	28	18	32		15
Heavy veh.	fatal/serious HMV at fault crashes, 3yr avg, per 100MVKT	6	7	8	10	4	5	5	6	8	5	7	6		6
Walk/cycle	pedestrians and cyclists hospitalised >1d, per 100,000 pop.	5	11	11	11	10	11	6	8	11	11	11	11		10
Older users	persons over 75 years killed, per 100,000, 3yr avg.	13	7	16	7	20	19	13	21	5	8	11	15		13
Restraints	occupant deaths, restraints not worn, last 3 yrs, per 100,000	5	1	1	1	4	4	4	3	1	3	2	2		2

Local Government Region road safety outcomes		NTH	AKL	WKT	BOP	GIS	HBV	TAR	M-W	WEL	N-M	W-C	CAN	OTG	STH
Overall	fatal or serious injury crashes, per 100,000 pop.	62	28	64	60	56	58	45	63	36	55	132	60	74	84
	persons killed in road crashes, per 100000 pop.	9	3	15	9	9	12	9	14	3	7	34	8	9	7
	persons hospitalised more than 1 day (>1d) , per 100000	88	58	89	91	68	68	57	73	41	79	95	67	77	67
	ACC new entitlement claims, per 100000 pop.	122	72	127	108	126	105	118	146	69	132	156	121	106	78
Alcohol	deaths or serious injuries in alc/drug crashes, per 100,000	28	10	24	20	28	12	20	26	8	17	52	12	18	19
Youth	young drivers killed, per 100,000 15-24 yr olds, 3 yr avg.	19	5	18	17	5	10	10	13	1	23	9	6	7	28
Speed	% vehicles exceeding 100 km/h limits	29%	46%	32%	31%	29%	46%	13%	19%	14%	7%	10%	39%	18%	40%
High risk	high risk drivers in fatal/serious crash, 3yr avg, per 100,000	10	4	8	10	14	9	8	10	4	6	15	6	6	7
Roads and roadsides	deaths + serious injuries in head-on crashes, per 100,000	16	2	20	10	13	7	6	12	1	10	21	5	10	9
	deaths + serious injuries, run-off road crashes, per 100,000	33	5	25	25	24	25	14	27	6	29	89	16	21	42
	deaths + serious injuries, intersection crashes, per 100,000	14	12	21	19	19	17	13	19	14	15	25	31	29	30
	deaths + serious injuries in ped/cyclist crashes, per 100,000	5	8	10	10	9	10	8	7	13	10	18	15	18	9
Motorcycle	motorcyclists hospitalised >1d, per 100,000 pop.	21	11	19	17	26	13	14	16	10	21	34	17	16	13
Light veh.	% of vehicles in fatal/serious crashes with non-current WOFs	23%	11%	10%	16%	43%	13%	23%	13%	11%	17%	13%	12%	13%	14%
Fatigue	fatal/serious injuries in fatigue/distraction crashes, per 100k	13	7	21	17	17	16	20	19	10	23	55	18	32	33
Heavy veh.	fatal/serious HMV at fault crashes, 3yr avg, per 100MVKT	6	8	4	6	8	5	5	6	7	4	6	7	5	7
Walk/cycle	pedestrians and cyclists hospitalised >1d, per 100,000 pop.	5	11	10	11	2	7	7	8	11	11	9	11	12	10
Older users	persons over 75 years killed, per 100,000, 3yr avg.	13	8	25	12	0	16	17	23	8	7	0	12	17	11
Restraints	occupant deaths, restraints not worn, last 3 yrs, per 100,000	5	1	4	3	4	4	2	3	1	3	3	2	1	3