



Safer Journeys to 2020

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

Period in Review

July – September 2010

Issued on: Monday, 8 November 2010

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.

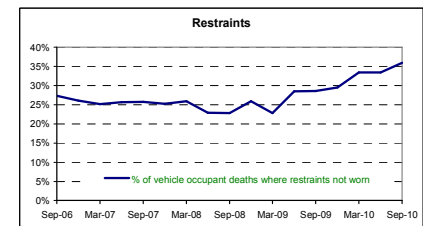
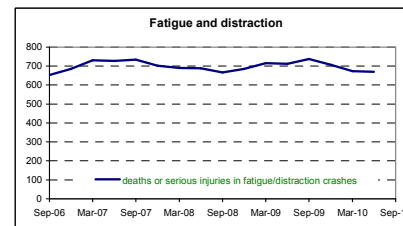
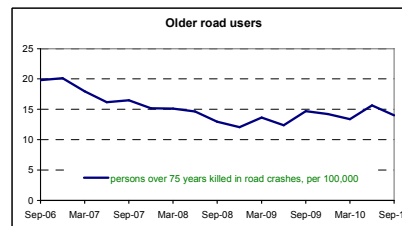
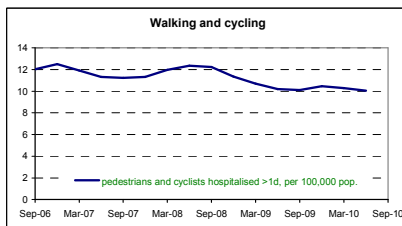
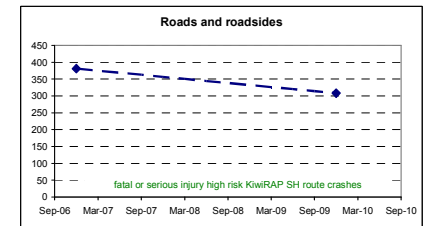
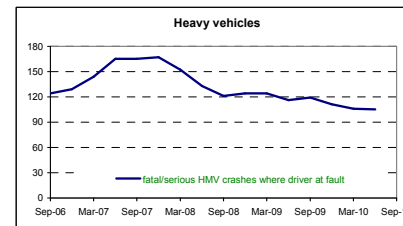
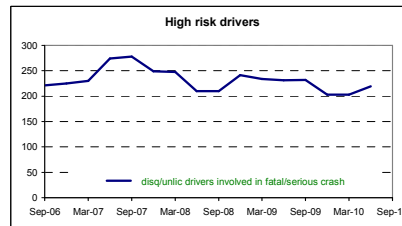
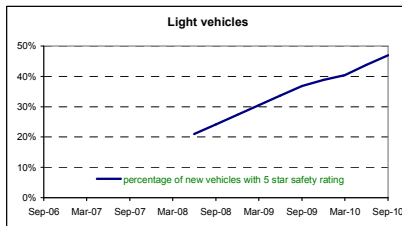
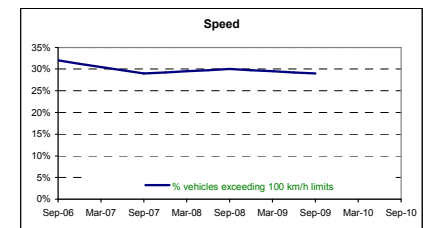
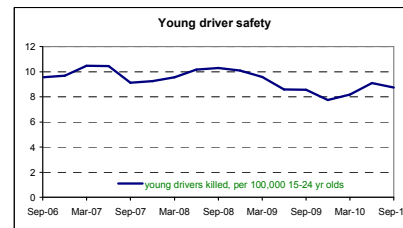
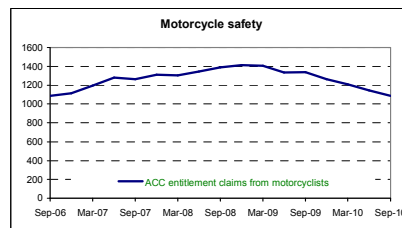
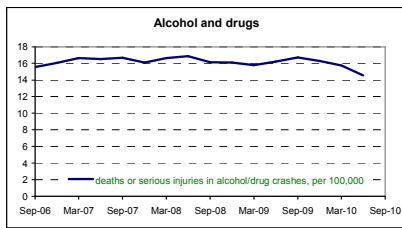
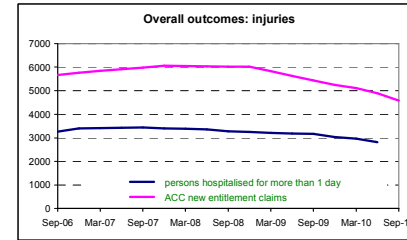
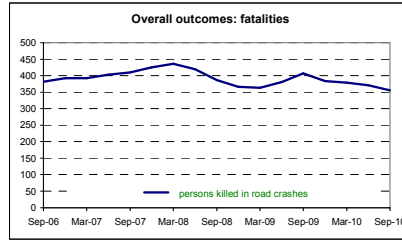
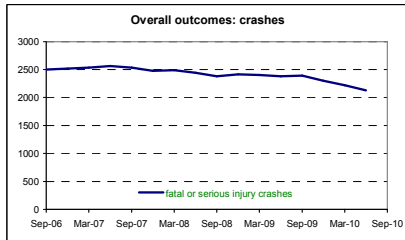
Outcome measures are provided for the most recently available quarter. Some measures are only available on an annual basis.

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:

- 7% reduction in fatal and serious injury crashes in the 12 months to June 2010, compared to 2009
- casualty rates for alcohol and drug-related crashes remain high, but have decreased in the last two quarters
- a large increase in the proportion of new light vehicles with 5-star occupant protection ratings
- although vehicle occupant fatalities have decreased, the percentage who were unrestrained at the time has continued to increase.

Quarterly road safety outcomes, 2006 - 2010 [12-month rolling figures]



Quarterly road safety outcomes	latest available figures			Last 5 years				
	latest quarter	as at	latest 12 months	2005	2006	2007	2008	2009
Overall outcomes								
fatal or serious injury crashes	485	Jun 2010	2126	2445	2516	2475	2413	2298
persons killed in road crashes	79	Sep 2010	356	404	393	421	365	384
persons killed or seriously injured	599	Jun 2010	2571	2979	3060	3056	2878	2809
persons hospitalised for more than 1 day (>1d)	660	Jun 2010	2811	3196	3396	3404	3240	3032
ACC new entitlement claims	999	Sep 2010	4580	5366	5769	6055	6018	5247
Alcohol and drugs								
deaths or serious injuries in alcohol/drug crashes, per 100,000 popn.	14.6	Jun 2010	14.6	15.4	16.1	16.2	16.2	16.3
drivers killed with excess alcohol	17	Mar 2010	62	58	54	65	59	66
% think high probability being stopped at CBT checkpoint	56%	2010	56%	55%	48%	54%	51%	52%
% think high probability being tested for drugs (NEW)	-	-	n/a	-	-	-	-	n/a
Young drivers								
young drivers killed, per 100,000 15-24 yr olds	8.7	Sep 2010	8.7	11.2	9.7	9.3	10.1	7.7
young drivers (15-24 yrs) hospitalised >1d, per 100,000 15-24 yr olds	54	Jun 2010	54	77	75	74	73	65
% youth believe will be stopped for non alc/spd traffic offences	44%	2010	44%	34%	28%	39%	35%	41%
drivers on GDL at fault in fatal/serious crashes	60	Jun 2010	303	441	440	402	384	372
young drivers (15-24 yrs) killed with excess alcohol, per 100,000	2.7	Mar 2010	2.7	2.7	2.6	2.8	3.7	3.0
fatal and serious crashes involving 15-19 yr old drivers	86	Jun 2010	392	537	526	477	450	442
Speed								
% vehicles exceeding 100 km/h limits	29%	2009	29%	36%	32%	29%	30%	29%
% vehicles exceeding 50 km/h limits	61%	2009	61%	63%	63%	63%	64%	61%
fatal/serious speed-related crashes	98	Jun 2010	437	554	515	549	521	464
% disagree probability being detected speeding is small	52%	2010	52%	56	54	54	54	50%
mean rural speed (km/h)	96.3	2009	96.3	97.1	96.4	96.3	96.6	96.3
mean urban speed (km/h)	52.3	2009	52.3	52.4	52.6	52.5	52.6	52.3
Motorcycle safety								
ACC entitlement claims from motorcyclists	224	Sep 2010	1085	951	1115	1312	1412	1262
motorcycle and moped riders killed, per 100,000 popn.	1.2	Sep 2010	1.2	0.9	0.9	1.0	1.2	1.1
% of motorcycles in crashes with non-current WOFs	27%	Jun 2010	26%	24%	23%	24%	28%	26%
motorcyclists hospitalised >1d, per 100,000 popn.	15.2	Jun 2010	15.2	14.5	15.9	18.4	18.0	15.6
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⁾	57	Jun 2010	300	501	413	421	340	361
deaths or serious injuries in run-off road crashes ⁽³⁾	157	Jun 2010	728	772	777	804	795	772
deaths or serious injuries in intersection crashes ⁽³⁾	210	Jun 2010	749	870	897	923	887	827
deaths or serious injuries in pedestrian/cyclist crashes ⁽³⁾	94	Jun 2010	378	427	487	477	500	418
High risk drivers								
fatal/serious crashes with high risk driver⁽²⁾ at fault								n/a
% disqualified drivers detected driving	12%	2009	12%					12%
% disqualified drivers detected driving (3+ times)	6%	2009	6%					6%
disqualified or unlicensed drivers involved in fatal/serious crash ⁽³⁾	60	Jun 2010	219	253	225	249	241	203

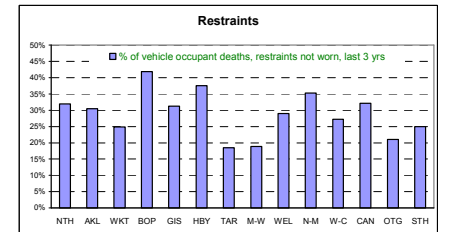
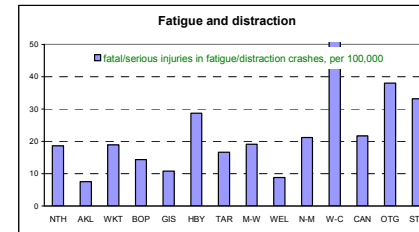
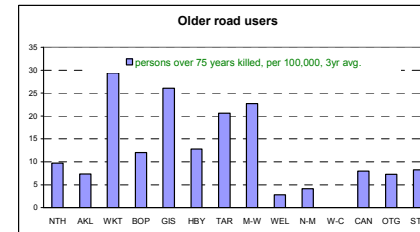
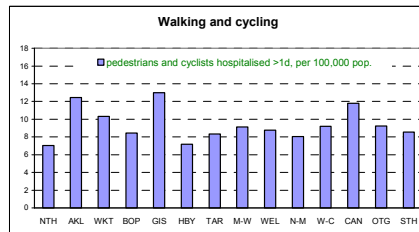
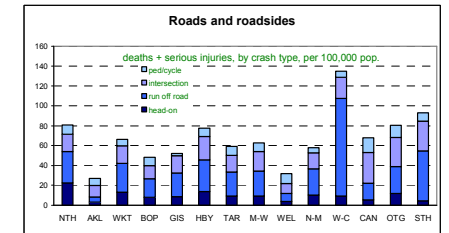
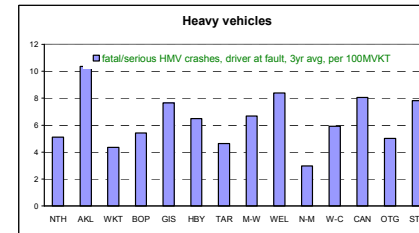
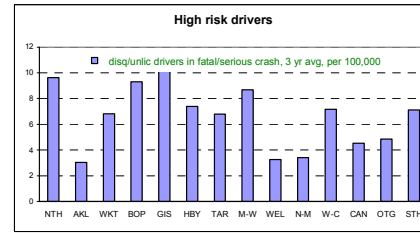
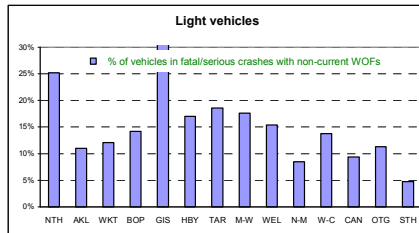
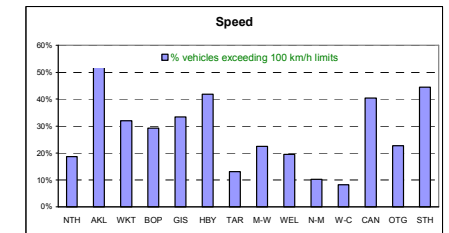
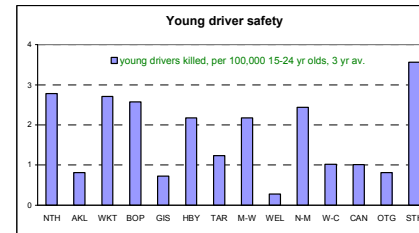
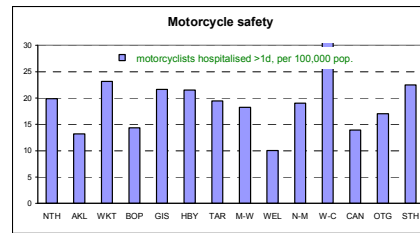
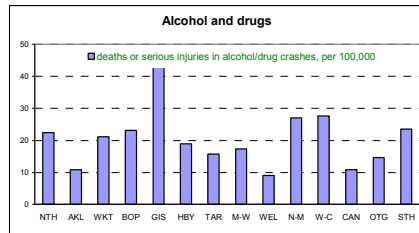
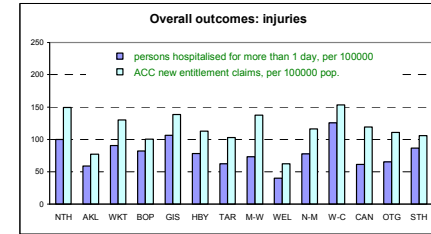
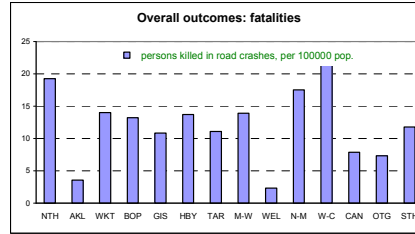
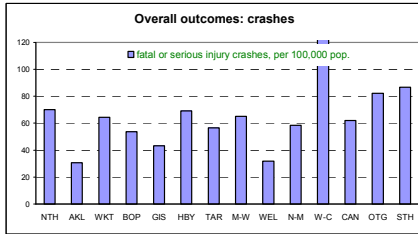
Light vehicles								
percentage of new vehicles with 5 star safety rating	53%	Jun 2010	44%	-	-	-	21%	36%
% of vehicles in fatal/serious crashes with non-current WOFs ⁽³⁾	15%	Jun 2010	13%	11%	14%	14%	14%	12%
average (median) age of light vehicle fleet	12.6	2009	12.6	11.7	11.8	12.1	12.2	12.6
Fatigue and distraction								
deaths or serious injuries in fatigue/distraction crashes	159	Jun 2010	669	687	685	702	685	706
fatal/serious crashes with contributing fatigue/distraction	126	Jun 2010	550	554	556	545	563	562
fatal/serious crashes meeting ATSB fatigue definition ⁽¹⁾	20	Jun 2010	148	185	152	174	127	160
Heavy vehicles								
fatal/serious injury HMV crashes where driver at fault	22	Jun 2010	105	148	129	169	124	111
fatal/serious crashes involving HMVs	44	Jun 2010	217	313	296	308	277	226
% of fatal/serious HMV crashes where HMV driver at fault	50%	Jun 2010	48%	47%	44%	54%	45%	49%
fatal HMV crashes where driver at fault	4	Jun 2010	23	31	26	26	17	19
% of fatal HMV crashes where HMV driver at fault	36%	Jun 2010	38%	39%	32%	36%	28%	35%
serious injury HMV crashes where driver at fault	18	Jun 2010	82	117	103	141	107	92
% of serious injury HMV crashes where HMV driver at fault	55%	Jun 2010	53%	50%	48%	60%	49%	54%
% vehicles stopped with HMV standard compliance offences	18%	2009	18%					18%
% vehicles stopped with logbook compliance offences	18%*	2009	18%*					18%*
% vehicles stopped with commercial operator non-compliance offences	72%	2009	72%					72%
% vehicles stopped with RUC compliance offences	6%	2009	6%				5%	6%
% of HMV drivers exceeding 90 km/h speed limit	42%	2009	42%	46%	44%	40%	46%	42%
% of HMV drivers exceeding 50 km/h speed limit	47%	2009	47%	53%	51%	49%	55%	47%
Walking and cycling								
pedestrians and cyclists hospitalised >1d, per 100,000 popn.	10.1	Jun 2010	10.1	11.8	12.6	11.4	11.4	10.5
pedestrians and cyclists killed, per 100,000 popn.	0.9	Sep 2010	0.9	1.0	1.3	1.4	1.1	0.9
fatal and serious injuries to school age (5-17) cyclists and peds	16	Jun 2010	82	104	119	108	99	101
% cyclists wearing helmets	93%	2010	93%	91%	94%	92%	92%	92%
Older road users								
persons over 75 years killed in road crashes, per 100,000 75+ yr olds	14	Sep 2010	14	13	20	15	12	14
drivers over 75 years killed per 100,000	4.7	Sep 2010	7.4	7.0	9.7	7.9	5.7	9.2
drivers over 75 years, seriously injured, per 100,000	19	Jun 2010	23	20	33	24	26	29
persons over 75 years, ACC claims, per 100,000	75	Sep 2010	80	100	100	97	100	96
Restraints								
% of vehicle occupant deaths where restraints not worn	41%	Sep 2010	36%	24%	26%	25%	26%	29%
% of children (5-10 yrs) in booster seats (NEW)	-	-	-	-	-	-	-	n/a
% front seat adult vehicle occupants restrained	96%	2010	96%	95%	95%	95%	96%	95%
% rear seat adult vehicle occupants restrained	87%	2009	87%	86%	89%	87%	87%	87%
% child (0-4 yrs) vehicle occupants restrained	91%	2009	91%	89%	91%	91%	90%	91%
% of children (0-14 yrs) appropriately restrained	98%	2010	98%	94%	96%	94%	98%	97%
% drivers think highly likely to be stopped for non-compliance	41%	2010	41%	36%	37%	38%	40%	39%
% front passengers think highly likely to be stopped for non-compliance	40%	2010	40%	36%	36%	37%	39%	37%
% rear passengers think highly likely to be stopped for non-compliance	17%	2010	17%	15%	16%	18%	18%	18%

(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 = dangerous and reckless, disqualified, unlicensed, illegal street racing, repeat drink/drug driving, high BAC level, repeat and /or high level speeding]

(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 September 2010, by Local Government Region



Quarterly road safety outcomes to September 2010, by Police District

