

## Communities at Risk Register 2014

This is a ranking based upon personal risk using fatal and serious crash data from CAS (Crash Analysis System).

Along side these personal risk calculations are the average annual death and serious injury count based on the latest five year data (the collective risk at a local body level).

### Guidance

#### Introduction

The Communities at Risk Register has been developed by the NZTA to identify communities that are over-represented in terms of road safety risk. The register ranks communities by local authority area based on the Safer Journeys areas of concern (see the Safer Journeys Strategy on the Ministry of Transport website for more information).

While the NZTA's primary investment focus for the Road Safety Promotion Activity Class is on national programmes, targeting the Safer Journeys areas of high concern, it is recognised that some local areas experience a disproportionate risk. By identifying the risk profile for each Territorial Authority (TA) area, the NZTA and TAs can target their resources where they are most needed.

While the Communities at Risk Register highlights risk, other sources of information should also be considered. Individual TAs will then need to determine, through their road safety action planning, how this risk should be addressed, ie by taking into account the four safe systems pillars: safe roads and roadsides, safe users, safe speeds and safe vehicles.

#### Data source

The Communities at Risk Register is based on fatal and serious injury crash data in the crash analysis system (CAS) database over a five year period, 2009-2013.

The trend in fatal and serious injury numbers is important for calculating data significance. To add relevance to more recent data and take account of recent interventions, the five year average has been adjusted by adding two thirds of a unit of slope.

The calculation of exposure to risk is based on vehicle kilometres travelled (VKT) and, for vulnerable road users, hours of travel. The VKT data is from the Road Assessment and Maintenance Management system (RAMM), and hours of travel is from the MoT ongoing Household Travel Survey.

For the subset young drivers, the local and regional proportion of licensed young drivers from the Drivers Licence Register (DLR) has been used.

For the subset older road users, the local and regional proportion of populations over 74 years of age using current estimates from Statistics NZ census results has been used.

Heavy motor vehicles (HMs) have not been included in the register because there is no HMV-specific VKT data available by TA area from which to derive a risk profile.


#### Methodology

**High concern** is assigned to communities with personal risk profiles one standard deviation from the mean, and above.


**Medium concern** is assigned to communities with personal risk profiles between half a standard deviation from the mean, and below one standard deviation.

## CONTENT links


### Overview


 All deaths & serious casualties locally

### High strategic priority


 Young drivers ( of light vehicles aged 16-24yrs)


 Alcohol & drugs


 Speed (too fast for conditions)

 Urban intersections (subset of roads & roadsides)

 Rural intersections (subset of roads & roadsides)

 All Intersections (subset of roads & roadsides)


 Rural roads (loss of control & head-on - subset of roads & roadsides)

 Motorcyclists (crashes involving motorcycles & mopeds)

### Medium strategic priority


 Cyclists

 Pedestrians

 Distraction (attention diverted)

 Fatigue

### Emerging strategic priority

 Older road users (aged 75yrs and over)

 Restraints (seatbelt not worn)

LOCAL BODY all deaths & serious casualties				REGIONAL all deaths & serious casualties		
PERSONAL RISK	Ranking	Standard Deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S
12.5	Opotiki District		17.8	8.3	NORTHLAND	129.2
12.1	Kawerau District		2.6	4.1	AUCKLAND	485.2
12.1	Wairoa District		16.4	7.1	WAIKATO	360.8
11.6	Kaipara District		26.6	8.6	BAY OF PLENTY	190.8
11.4	Ruapehu District		28.8	7.5	TARANAKI	72.2
10.7	Dunedin City		94.2	7.1	MANAWATU WANGANUI	176.0
10.0	Waitomo District		21.0	7.2	GISBORNE	29.0
9.6	Grey District		15.0	7.4	HAWKE'S BAY	105.2
9.1	Stratford District	1 STDEV	10.8	5.6	WELLINGTON	183.4
8.7	Westland District		18.6	5.7	TASMAN NELSON MARLBOROUGH	28.0
8.6	Otorohanga District		11.4	8.3	WEST COAST	47.0
8.6	Western Bay Of Plenty District		55.0	6.3	CANTERBURY	360.8
8.4	Clutha District		27.2	8.0	OTAGO	196.0
8.3	Mackenzie District		9.6	6.3	SOUTHLAND	86.8
7.9	Far North District	0.5 STDEV	56.6			
7.6	Queenstown-Lakes District		28.2	6.8	NATIONAL	2450.4
7.5	South Wairarapa District		9.8			
7.5	South Taranaki District		21.8			
7.5	Central Otago District		22.2			
7.4	Southland District		50.0			
7.4	Palmerston North City		37.4			
7.4	Tararua District		22.4			
7.3	Thames-Coromandel District		23.2			
7.3	South Waikato District		26.8			
7.3	Matamata-Piako District		36.8			
7.3	Rotorua District		48.6			
7.3	Masterton District		13.2			
7.3	Carterton District		7.2			
7.2	Gisborne District		29.0			
7.1	Christchurch City		194.4			
7.1	Whakatane District		29.4			
7.0	Wanganui District		22.0			
6.9	Waikato District		81.2			
6.8	Waimakariri District	MEAN	31.6			
6.7	Buller District		13.4			
6.7	Invercargill City		27.4			
6.6	Hastings District		54.4			
6.6	Selwyn District		42.2			
6.5	Kaikoura District		8.4			
6.5	Taupo District		44.6			
6.3	Hamilton City		58.8			
6.1	Horowhenua District		25.2			
6.1	Nelson City		24.2			
6.0	Waikati District		24.2			
5.9	New Plymouth District		39.6			
5.9	Waimate District		8.2			
5.8	Central Hawkes Bay District		11.0			
5.7	Rural South		50.4			
5.6	Waipa District		35.4			
5.5	Whangarei District		46.0			
5.5	Tasman District		31.2			
5.4	Hurunui District		20.4			
5.4	Marlborough District		28.6			
5.3	Upper Hutt City		14.6			
5.3	Wellington City		68.0			
5.3	Napier City		23.4			
5.3	Hauraki District		21.6			
5.2	Manawatu District		22.8			
5.1	Rangitikei District		17.4			
4.9	Ashburton District		23.8			
4.8	Timaru District		22.2			
4.8	Urban West		50.8			
4.7	Gore District		9.4			
4.5	Kapiti Coast District		21.4			
4.3	Porirua City		22.6			
4.1	Urban South		117.0			
4.1	Tauranga City		37.4			
3.6	Hutt City		26.6			
3.5	Urban North		61.4			
3.2	Rural North		56.0			
3.1	Urban Central		147.6			
	Gulf Islands		2.0			
	Chatham Islands County		1.0			

YOUNG DRIVERS of light vehicles aged 16-24yrs				YOUNG DRIVERS of light vehicles aged 16-24yrs		
PERSONAL RISK	Ranking	Standard Deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S
29.2	Carterton District		3.4	17.9	NORTHLAND	36.6
28.7	Kaipara District		7.2	9.7	AUCKLAND	158.8
27.8	Kawerau District		0.8	14.7	WAIKATO	106.8
26.8	Dunedin City		35.6	20.6	BAY OF PLENTY	72.6
26.8	Queenstown-Lakes District		9.8	15.1	TARANAKI	24.2
26.4	Opotiki District		6.4	13.9	MANAWATU WANGANUI	55.4
26.3	South Wairarapa District		3.8	9.8	GISBORNE	8.2
24.2	Central Otago District		7.8	16.0	HAWKE'S BAY	30.8
23.2	Grey District		5.6	15.1	WELLINGTON	49.2
23.1	Otorohanga District		4.6	9.8	TASMAN NELSON MARLBOROUGH	20.2
22.3	Western Bay Of Plenty District		21.6	20.5	WEST COAST	14.2
22.3	Westland District		5.0	13.3	CANTERBURY	107.8
21.6	Wairoa District		3.8	23.3	OTAGO	71.4
21.5	Waimakariri District	1 STDEV	13.4	16.0	SOUTHLAND	32
20.9	South Taranaki District		7.8			
20.4	Invercargill City		11.6	15.4	NATIONAL	788.2
20.2	Clutha District		9.6			
19.5	Rotorua District		21.4			
18.6	Masterton District		3.8			
18.4	Whakatane District	0.5 STDEV	11.4			
18.3	Waitaki District		8.6			
17.9	Mackenzie District		2.0			
17.8	Southland District		16.6			
17.5	Ruapehu District		8.2			
17.1	Central Hawkes Bay District		3.6			
16.4	Waimate District		3.0			
16.1	Buller District		3.6			
15.8	Waitomo District		5.0			
15.5	South Waikato District	MEAN	8.6			
15.3	Waipa District		13.8			
15.1	Christchurch City		54.2			
15.0	Matamata-Piako District		11.0			
14.7	Thames-Coromandel District		5.0			
14.5	Rangitikei District		7.2			
14.0	Taranua District		7.4			
14.0	Far North District		15.0			
13.9	Wanganui District		6.6			
13.5	Taupo District		12.8			
13.5	Palmerston North City		11.8			
13.2	Manawatu District		8.0			
13.2	Rural South		18.0			
13.1	New Plymouth District		14.0			
13.1	Waikato District		22.8			
12.8	Napier City		8.0			
12.7	Upper Hutt City		4.2			
12.4	Selwyn District		13.2			
12.4	Hastings District		15.4			
12.3	Timaru District		7.6			
12.3	Hamilton City		17.6			
11.9	Porirua City		8.0			
11.4	Stratford District		2.4			
11.3	Hurunui District		6.2			
11.1	Whangarei District		14.4			
11.0	Nelson City		7.2			
10.7	Urban West		16.2			
10.6	Horowhenua District		6.2			
10.1	Ashburton District		7.4			
9.8	Gisborne District		8.2			
9.8	Urban South		41.4			
9.7	Gore District		3.8			
9.6	Tasman District		7.2			
9.5	Wellington City		14.4			
8.9	Marlborough District		5.8			
8.9	Tauranga City		11.0			
8.8	Urban North		20.0			
8.8	Hauraki District		5.6			
8.2	Urban Central		45.6			
7.6	Kapiti Coast District		4.8			
7.3	Rural North		17.4			
5.3	Hutt City		6.8			
2.5	Kaikoura District		0.8			
	Gulf Islands		0.2			
	Chatham Islands County		0.2			

ALCOHOL & DRUGS			ALCOHOL & DRUGS			
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK	COLLECTIVE RISK	
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT	Road Safety Regions	
					5yr AVG D&S	
5.1	Wairoa District		6.2	3.0	NORTHLAND	43.2
4.8	Kaipara District		9.8	1.2	AUCKLAND	138.8
4.4	Opoitiki District		6.8	1.6	WAIKATO	88
4.2	Kawerau District		1.0	2.7	BAY OF PLENTY	53.4
3.6	Gisborne District		15.4	1.4	TARANAKI	20.6
2.9	Far North District		20.6	1.9	MANAWATU WANGANUI	47.4
2.8	Ruaapehu District		7.2	3.6	GISBORNE	15.4
2.8	Western Bay Of Plenty District		17.8	2.7	HAWKE'S BAY	27.8
2.8	Central Hawkes Bay District		5.4	1.3	WELLINGTON	34.6
2.8	Masterton District	1 STDEV	4.6	1.2	TASMAN NELSON MARLBOROUGH	19.4
2.4	South Taranaki District		7.6	1.4	WEST COAST	9
2.4	Whakatane District		10.4	1.2	CANTERBURY	59.6
2.3	Otorohanga District		3.4	1.6	OTAGO	35.2
2.3	Taranua District		7.2	1.4	SOUTHLAND	20.4
2.3	Waimate District		3.2			
2.2	Grey District	0.5 STDEV	3.2	1.7	NATIONAL	612.8
2.1	Queenstown-Lakes District		6.8			
2.0	Carterton District		2.0			
1.9	Waikato District		22.2			
1.9	Matamata-Piako District		9.4			
1.9	Palmerston North City		11.0			
1.9	Southland District		11.8			
1.7	Wanganui District		5.2			
1.7	Hauraki District		7.8			
1.7	Dunedin City		15.4			
1.7	Clutha District		5.0			
1.6	Invercargill City	MEAN	7.4			
1.6	Rural South		15.6			
1.6	New Plymouth District		11.0			
1.6	Selwyn District		9.8			
1.5	Thames-Coromandel District		5.0			
1.5	Rangitikei District		4.4			
1.5	Waipa District		10.2			
1.5	Hastings District		10.6			
1.5	Marlborough District		7.8			
1.5	Manawatu District		5.8			
1.4	Rotorua District		10.8			
1.4	Urban West		15.8			
1.4	Waikaki District		4.8			
1.4	Whangarei District		12.8			
1.3	Ashburton District		6.0			
1.3	Horowhenua District		6.6			
1.3	Urban South		38.2			
1.3	South Wairarapa District		2.0			
1.3	Waimakariri District		6.6			
1.3	South Waikato District		5.8			
1.2	Waitomo District		2.4			
1.2	Napier City		5.6			
1.2	Taupo District		10.6			
1.2	Buller District		3.0			
1.1	Tasman District		7.0			
1.1	Hamilton City		11.2			
1.1	Hurunui District		3.4			
1.0	Kaikoura District		1.6			
1.0	Upper Hutt City		2.2			
0.9	Central Otago District		3.2			
0.9	Rural North		17.2			
0.9	Westland District		2.8			
0.9	Porirua City		4.6			
0.9	Nelson City		4.6			
0.9	Christchurch City		23.6			
0.8	Urban North		15.0			
0.8	Timaru District		4.4			
0.8	Hutt City		6.4			
0.8	Urban Central		35.8			
0.7	Kapiti Coast District		3.4			
0.7	Tauranga City		6.6			
0.7	Wellington City		9.4			
0.6	Mackenzie District		1.0			
0.5	Gore District		1.2			
0.3	Stratford District		2.0			
	Gulf Islands		1.2			
	Chatham Islands County		0.6			

SPEED too fast for conditions				SPEED too fast for conditions		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK	Road Safety Regions	COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT		5yr AVG D&S
5.1	Wairoa District		5.6	2.4	NORTHLAND	35.6
3.5	Opotiki District		6.6	0.9	AUCKLAND	105.0
3.2	Kaipara District		6.6	1.9	WAIKATO	90.2
3.0	Carterton District		2.6	2.0	BAY OF PLENTY	49.0
3.0	Otorohanga District		4.0	2.1	TARANAKI	18.4
2.9	Ruapehu District		7.6	1.6	MANAWATU WANGANUI	38.4
2.9	Stratford District		3.4	2.6	GISBORNE	10.2
2.6	South Wairarapa District		3.2	2.4	HAWKE'S BAY	23.4
2.6	Grey District		4.2	1.8	WELLINGTON	41.8
2.6	Masterton District		4.4	1.3	TASMAN NELSON MARLBOROUGH	6.3
2.6	Gisborne District		10.2	2.3	WEST COAST	13.4
2.5	Westland District	1 STDEV	5.4	1.3	CANTERBURY	59.2
2.4	Taranua District		6.2	1.6	OTAGO	40.2
2.4	Far North District		16.0	1.3	SOUTHLAND	19.0
2.4	Thames-Coromandel District		7.6			
2.4	Waimate District		3.4	1.7	NATIONAL	550.1
2.3	Central Hawkes Bay District		4.0			
2.3	South Waikato District		9.0			
2.2	Western Bay Of Plenty District		14.8			
2.2	Whakatane District		9.4			
2.2	Wanganui District		7.6			
2.1	Clutha District		7.0			
2.1	Matamata-Piako District	0.5 STDEV	10.2			
1.9	Southland District		11.4			
1.9	Waitomo District		4.0			
1.9	Hurunui District		7.6			
1.9	Buller District		3.8			
1.9	South Taranaki District		4.8			
1.9	Dunedin City		18.2			
1.8	Queenstown-Lakes District		6.6			
1.8	Kawerau District	MEAN	0.4			
1.6	Waikati District		5.8			
1.6	Hauraki District		6.2			
1.6	Rotorua District		11.8			
1.6	New Plymouth District		10.2			
1.5	Tasman District		8.6			
1.5	Whangarei District		13.0			
1.5	Waipa District		9.4			
1.5	Selwyn District		9.0			
1.5	Kapiti Coast District		4.6			
1.5	Porirua City		7.4			
1.4	Urban West		15.8			
1.4	Waimakariri District		6.0			
1.4	Palmerston North City		7.8			
1.4	Hamilton City		13.0			
1.3	Waikato District		17.0			
1.3	Rural South		12.2			
1.3	Taupo District		9.8			
1.3	Invercargill City		6.6			
1.3	Hastings District		10.6			
1.2	Kaikoura District		2.2			
1.1	Nelson City		4.6			
1.1	Upper Hutt City		2.6			
1.1	Marlborough District		5.6			
1.0	Ashburton District		5.4			
1.0	Hutt City		6.6			
1.0	Urban South		26.8			
0.9	Horowhenua District		4.0			
0.9	Timaru District		3.2			
0.8	Napier City		3.2			
0.8	Rangitikei District		2.4			
0.8	Wellington City		10.4			
0.7	Central Otago District		2.6			
0.7	Rural North		12.8			
0.7	Urban North		11.4			
0.7	Christchurch City		21.6			
0.6	Tauranga City		6.0			
0.6	Manawatu District		2.8			
0.6	Gore District		1.0			
0.5	Mackenzie District		0.8			
0.5	Urban Central		25.4			
	Gulf Islands		0.6			
	Chatham Islands County		0.4			

URBAN INTERSECTIONS				URBAN INTERSECTIONS		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK	Road Safety Regions	COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT		5yr AVG D&S
7.1	Waikato District		1.0	1.9	NORTHLAND	8.8
6.5	Dunedin City		33.0	2.3	AUCKLAND	143.8
6.5	Southland District		2.8	2.8	WAIKATO	44.8
5.6	Taranaki District		2.4	3.0	BAY OF PLENTY	27.2
5.4	Rural South		5.0	2.8	TARANAKI	13.0
5.2	Waimate District		0.6	3.2	MANAWATU WANGANUI	26.6
4.8	Invercargill City		13.0	1.9	GISBORNE	4.0
4.8	Wairoa District		1.2	2.5	HAWKE'S BAY	16.2
4.2	South Taranaki District		2.2	1.9	WELLINGTON	46.2
4.2	Wanganui District	1STDEV	6.6	2.2	TASMAN NELSON MARLBOROUGH	11.8
4.2	Westland District		0.4	3.5	WEST COAST	3.4
4.1	Kawerau District		0.4	2.4	CANTERBURY	101.8
3.9	Christchurch City		89.2	3.6	OTAGO	41.4
3.8	Central Otago District		1.2	4.2	SOUTHLAND	17.2
3.8	Buller District		1.0			
3.7	Whakatane District		3.8	2.7	NATIONAL	506.2
3.6	Horowhenua District		4.2			
3.6	Waipa District		5.0			
3.4	Wellington City	0.5 STDEV	25.8			
3.4	Matamata-Piako District		2.2			
3.4	Rotorua District		9.4			
3.3	Ruapehu District		1.0			
3.3	Palmerston North City		11.2			
3.2	Opotiki District		0.6			
3.2	Taupo District		4.2			
3.1	Clutha District		1.6			
3.1	New Plymouth District		10.6			
3.0	Waimakariri District		2.6			
2.9	Hamilton City		24.2			
2.8	Hastings District	MEAN	8.0			
2.6	Ashburton District		3.0			
2.6	South Wairarapa District		0.6			
2.6	Grey District		2.0			
2.5	Timaru District		4.4			
2.5	Waitaki District		3.0			
2.5	Nelson City		6.2			
2.4	Kaikoura District		0.4			
2.4	Masterton District		2.2			
2.3	Urban Central		65.8			
2.3	Western Bay Of Plenty District		1.4			
2.2	Marlborough District		2.8			
2.2	Urban West		13.2			
2.1	Queenstown-Lakes District		2.6			
2.1	Napier City		6.8			
2.1	Kapiti Coast District		4.2			
2.1	Far North District		2.4			
2.0	Kaipara District		1.4			
1.9	Urban South		40.4			
1.9	Tasman District		2.8			
1.9	Hauraki District		0.8			
1.9	Porirua City		3.8			
1.9	South Waikato District		1.2			
1.9	Gisborne District		4.0			
1.8	Selwyn District		1.6			
1.8	Thames-Coromandel District		2.2			
1.6	Urban North		16.8			
1.6	Whangarei District		5.0			
1.6	Waikato District		3.6			
1.5	Rangitikei District		0.6			
1.4	Upper Hutt City		2.6			
1.4	Hutt City		7.0			
1.4	Gore District		1.4			
1.4	Tauranga City		11.6			
1.1	Otorohanga District		0.4			
0.9	Stratford District		0.2			
0.9	Manawatu District		0.6			
0.5	Rural North		2.4			
0.4	Central Hawkes Bay District		0.2			
0.0	Carterton District		0.0			
0.0	Hurunui District		0.0			
0.0	Mackenzie District		0.0			
	Gulf Islands		0.2			
	Chatham Islands County		0.0			

RURAL INTERSECTIONS				RURAL INTERSECTIONS		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK	Road Safety Regions	COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT		5yr AVG D&S
4.3	Kawerau District		0.2	1.0	NORTHLAND	13.4
4.3	Palmerston North City		4.6	0.5	AUCKLAND	28.0
3.4	Hamilton City		2.6	1.3	WAIKATO	40.0
2.5	Selwyn District		14.2	1.8	BAY OF PLENTY	19.2
2.3	Timaru District		6.2	1.4	TARANAKI	8.8
2.2	Horowhenua District		5.6	1.7	MANAWATU WANGANUI	25.6
2.2	Waitomo District		3.8	1.6	GISBORNE	3.6
2.1	Carterton District		1.6	1.0	HAWKE'S BAY	9.2
2.1	Napier City	1STDEV	2.0	0.9	WELLINGTON	10.0
1.9	Christchurch City		9.8	0.8	TASMAN NELSON MARLBOROUGH	7.6
1.9	Opoitiki District		2.6	0.4	WEST COAST	1.6
1.8	Manawatu District		6.8	1.4	CANTERBURY	45.8
1.7	Upper Hutt City		2.2	1.3	OTAGO	17.0
1.7	Ashburton District		5.8	1.0	SOUTHLAND	9.0
1.6	GISBORNE DISTRICT	0.5 STDEV	3.6			
1.5	Waipa District		7.0	1.2	NATIONAL	238.8
1.5	Central Otago District		3.8			
1.5	Waikati District		3.8			
1.5	South Taranaki District		3.4			
1.5	Rotorua District		5.8			
1.5	Western Bay Of Plenty District		7.2			
1.4	Masterton District		1.2			
1.4	Kaikoura District		1.2			
1.4	Waimakariri District		5.6			
1.3	Rural South		9.4			
1.3	New Plymouth District		4.4			
1.3	Stratford District		1.0			
1.2	Dunedin City		4.4			
1.2	Invercargill City		1.8			
1.2	Matamata-Piako District	MEAN	5.0			
1.2	Otorohanga District		1.0			
1.2	Tauranga City		1.6			
1.1	Clutha District		2.6			
1.1	Mackenzie District		1.2			
1.1	Rangitikei District		3.4			
1.1	Tasman District		4.0			
1.1	Southland District		6.6			
1.0	Whangarei District		5.0			
1.0	South Waikato District		3.6			
1.0	Waikato District		9.8			
1.0	Hastings District		5.8			
1.0	Far North District		6.4			
0.9	Taranua District		2.2			
0.9	Kaipara District		2.0			
0.9	Ruapehu District		2.2			
0.9	Queenstown-Lakes District		2.4			
0.8	Kapiti Coast District		2.2			
0.8	Grey District		0.4			
0.8	Rural North		9.2			
0.7	Taupo District		4.0			
0.7	Whakatane District		1.8			
0.7	Nelson City		0.8			
0.7	Hauraki District		2.2			
0.7	Marlborough District		2.8			
0.6	Hurunui District		1.8			
0.6	Wanganui District		0.8			
0.6	Wairoa District		0.8			
0.6	Gore District		0.6			
0.5	South Wairarapa District		0.4			
0.5	Urban South		4.8			
0.5	Porirua City		1.0			
0.4	Westland District		1.0			
0.4	Central Hawkes Bay District		0.6			
0.4	Hutt City		0.8			
0.3	Thames-Coromandel District		1.0			
0.3	Urban North		2.0			
0.3	Urban West		1.4			
0.1	Wellington City		0.6			
0.1	Buller District		0.2			
0.1	Urban Central		1.2			
0.0	Waimate District		0.0			
	Gulf Islands		0.0			
	Chatham Islands County		0.0			

INTERSECTIONS						
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK	INTERSECTIONS	COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S
4.1	Dunedin City		37.4	1.2	NORTHLAND	22.2
4.1	Kawerau District		0.6	1.3	AUCKLAND	171.8
3.7	Invercargill City		14.8	1.5	WAIKATO	84.8
3.6	Christchurch City		99.0	2.1	BAY OF PLENTY	46.4
3.6	Palmerston North City		15.8	1.8	TARANAKI	21.8
2.9	Hamilton City		26.8	2.1	MANAWATU WANGANUI	52.2
2.7	Wanganui District		7.4	1.7	GISBORNE	7.6
2.6	Waitomo District		4.8	1.3	HAWKE'S BAY	25.4
2.6	Horowhenua District		9.8	1.4	WELLINGTON	56.2
2.4	Selwyn District	1 STDEV	15.8	1.4	TASMAN NELSON MARLBOROUGH	19.4
2.4	Timaru District		10.6	1.0	WEST COAST	5.0
2.3	Rotorua District		15.2	1.7	CANTERBURY	147.6
2.1	New Plymouth District		15.0	2.1	OTAGO	58.4
2.1	Napier City		8.8	2.0	SOUTHLAND	26.2
2.1	Wellington City		26.4			
2.1	South Taranaki District	0.5 STDEV	5.6	1.7	NATIONAL	745.0
2.0	Opotiki District		3.2			
2.0	Waipa District		12.0			
2.0	Nelson City		7.0			
1.9	Ashburton District		8.8			
1.9	Masteron District		3.4			
1.8	Central Otago District		5.0			
1.8	Rural South		14.4			
1.7	Waikato District		6.8			
1.7	Gisborne District		7.6			
1.7	Manawatu District		7.4			
1.7	Waimakariri District		8.2			
1.6	Upper Hutt City	MEAN	4.8			
1.6	Taranua District		4.6			
1.6	Hastings District		13.8			
1.6	Carterton District		1.6			
1.6	Western Bay Of Plenty District		8.6			
1.5	Kaikoura District		1.6			
1.5	Grey District		2.4			
1.5	Matamata-Piako District		7.2			
1.5	Urban South		45.2			
1.5	Whakatane District		5.6			
1.4	Urban West		14.6			
1.4	Southland District		9.4			
1.4	Urban Central		67.0			
1.4	Clutha District		4.2			
1.4	Tauranga City		13.2			
1.3	Kapiti Coast District		6.4			
1.3	Wairoa District		2.0			
1.3	Queenstown-Lakes District		5.0			
1.2	Tasman District		6.8			
1.2	Whangarei District		10.0			
1.2	Taupo District		8.2			
1.2	Stratford District		1.2			
1.2	Ruapehu District		3.2			
1.2	Otorohanga District		1.4			
1.2	South Waikato District		4.8			
1.1	Kaipara District		3.4			
1.1	Far North District		8.8			
1.1	Porirua City		4.8			
1.1	Rangitikei District		4.0			
1.1	Hutt City		7.8			
1.1	Urban North		18.8			
1.1	Waikato District		13.4			
1.0	Marlborough District		5.6			
1.0	Mackenzie District		1.2			
0.9	South Wairarapa District		1.0			
0.8	Hauraki District		3.0			
0.8	Thames-Coromandel District		3.2			
0.8	Gore District		2.0			
0.8	Buller District		1.2			
0.7	Westland District		1.4			
0.7	Rural North		11.6			
0.6	Hurunui District		1.8			
0.5	Waimate District		0.6			
0.4	Central Hawkes Bay District		0.8			
	Gulf Islands		0.2			
	Chatham Islands County		0.0			



RURAL ROADS loss of control & head-on				RURAL ROADS loss of control & head-on		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S
17.2	Kawerau District		1.0	7.0	NORTHLAND	80.6
12.3	Wairoa District		13.8	1.5	AUCKLAND	93.2
10.5	Kaipara District		19.6	5.4	WAIKATO	188.2
9.6	Grey District		9.2	7.2	BAY OF PLENTY	78.4
8.3	Ruapehu District		19.4	5.5	TARANAKI	33.2
8.1	Gisborne District		16.0	4.4	MANAWATU WANGANUI	77.4
8.0	Opoitiki District		10.2	8.1	GISBORNE	16.0
7.9	Kaikoura District	1 STDEV	7.6	6.7	HAWKE'S BAY	54.2
7.6	Westland District		15.2	3.7	WELLINGTON	44.6
7.6	Thames-Coromandel District		15.4	4.2	TASMAN NELSON MARLBOROUGH	41.2
7.3	Clutha District		19.2	7.6	WEST COAST	32.8
7.2	Stratford District		6.8	4.5	CANTERBURY	109.0
6.9	Masterton District		5.8	5.7	OTAGO	81.4
6.6	Waitomo District		12.8	4.1	SOUTHLAND	44.4
6.6	South Wairarapa District		7.6			
6.5	Mackenzie District		7.2	5.0	NATIONAL	974.6
6.5	Hamilton City		7.0			
6.4	Queenstown-Lakes District	0.5 STDEV	15.2			
6.3	Far North District		37.2			
6.0	Otorohanga District		7.2			
5.7	Southland District		36.0			
5.6	Western Bay Of Plenty District		30.2			
5.6	South Waikato District		17.0			
5.6	Buller District		8.4			
5.4	Carterton District		4.6			
5.4	South Taranaki District		12.2			
5.3	Taranua District		14.8			
5.3	Waikato District		51.4			
5.3	Central Otago District		14.6			
5.3	Central Hawkes Bay District		8.6			
5.2	Dunedin City		20.0			
5.1	Rotorua District		19.8			
4.9	Matamata-Piako District		22.2			
4.9	Waimate District		6.2			
4.9	Taupo District	MEAN	27.6			
4.7	Hurunui District		16.4			
4.7	Napier City		6.2			
4.5	Hastings District		25.6			
4.5	Marlborough District		17.0			
4.4	Wanganui District		5.4			
4.2	Waimakariri District		15.8			
4.1	Whangarei District		23.8			
4.1	Tasman District		19.4			
4.1	Horowhenua District		12.2			
4.1	Waikato District		12.4			
4.1	Whakatane District		13.4			
3.9	Nelson City		4.8			
3.9	Selwyn District		22.2			
3.8	New Plymouth District		14.2			
3.8	Hauraki District		13.6			
3.7	Gore District		5.0			
3.4	Ashburton District		12.4			
3.4	Rangitikei District		10.0			
3.2	Upper Hutt City		4.2			
3.1	Manawatu District		11.4			
3.0	Invercargill City		3.4			
2.9	Tauranga City		3.8			
2.8	Rural South		24.6			
2.7	Waipa District		14.0			
2.7	Kapiti Coast District		7.8			
2.7	Christchurch City		14.0			
2.6	Rural North		36.0			
2.3	Timaru District		7.2			
2.3	Palmerston North City		4.2			
2.1	Porirua City		6.6			
1.3	Urban South		11.6			
1.3	Urban West		6.2			
1.2	Hutt City		2.4			
1.2	Wellington City		5.6			
0.9	Urban North		8.0			
0.3	Urban Central		6.2			
	Gulf Islands		0.6			
	Chatham Islands County		0.8			

MOTORCYCLISTS				MOTORCYCLISTS		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK
D&S/Mhrs	Territorial Authority		5yr AVG D&S	D&S/Mhrs	Road Safety Regions	5yr AVG D&S
3.3	Christchurch City		42.0	0.3	NORTHLAND	18.4
1.6	Wellington City		14.2	0.4	AUCKLAND	85.2
0.9	Urban Central		31.2	0.3	WAIKATO	63.2
0.8	Hastings District	1 STDEV	10.0	0.3	BAY OF PLENTY	32.0
0.8	Hutt City		6.6	0.4	TARANAKI	16.0
0.7	Waikato District		14.4	0.4	MANAWATU WANGANUI	32.6
0.7	Dunedin City		11.2	0.4	GISBORNE	4.2
0.7	Tasman District		8.8	0.3	HAWKE'S BAY	19.0
0.7	Selwyn District		7.4	0.6	WELLINGTON	42.0
0.6	New Plymouth District	0.5 STDEV	8.0	0.5	TASMAN NELSON MARBOROUGH	19.8
0.6	Kapiti Coast District		5.2	0.3	WEST COAST	12.2
0.6	Porirua City		4.0	0.6	CANTERBURY	69.8
0.6	Tauranga City		11.8	0.4	OTAGO	29.4
0.5	Hamilton City		10.6	0.3	SOUTHLAND	12.4
0.5	Palmerston North City		7.0			
0.5	Wanganui District		6.8	0.4	NATIONAL	456.2
0.5	Masterton District		3.6			
0.5	South Wairarapa District		3.8			
0.5	Central Otago District		5.6			
0.4	Marlborough District		6.8			
0.4	Southland District	MEAN	6.8			
0.4	South Taranaki District		4.6			
0.4	Western Bay Of Plenty District		8.0			
0.4	Thames-Coromandel District		7.4			
0.4	Taranua District		4.6			
0.4	Far North District		8.0			
0.4	Urban North		12.0			
0.4	Upper Hutt City		3.4			
0.4	Gisborne District		4.2			
0.4	Ruapehu District		3.8			
0.4	Rural North		12.0			
0.4	Matamata-Piako District		7.2			
0.4	Ashburton District		4.6			
0.3	Queenstown-Lakes District		5.0			
0.3	Clutha District		4.4			
0.3	Urban South		11.8			
0.3	Taupo District		7.8			
0.3	Waimakariri District		3.2			
0.3	Whangarei District		5.8			
0.3	Manawatu District		4.0			
0.3	Rotorua District		6.0			
0.3	Grey District		4.0			
0.3	Hurunui District		3.8			
0.3	Napier City		4.6			
0.3	Westland District		4.4			
0.3	Invercargill City		4.6			
0.3	Urban West		9.4			
0.3	Nelson City		4.2			
0.3	Rangitikei District		2.8			
0.3	Stratford District		3.4			
0.3	Buller District		3.8			
0.3	Horowhenua District		3.6			
0.3	Waikati District		3.2			
0.2	Kaipara District		4.6			
0.2	Rural South		8.0			
0.2	Waipa District		3.8			
0.2	Kaikoura District		2.6			
0.2	Waimate District		2.8			
0.2	Hauraki District		4.4			
0.2	Central Hawkes Bay District		2.6			
0.2	Carterton District		1.2			
0.2	South Waikato District		3.4			
0.1	Wairoa District		1.8			
0.1	Whakatane District		3.6			
0.1	Mackenzie District		1.4			
0.1	Otorohanga District		2.4			
0.1	Timaru District		2.0			
0.1	Opoitiki District		2.0			
0.1	Waitomo District		1.8			
0.1	Gore District		1.0			
0.0	Kawerau District		0.6			
	Gulf Islands		0.8			
	Chatham Islands County		0.4			

CYCLISTS				CYCLISTS		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK
D&S/Mhrs	Territorial Authority		5yr AVG D&S	D&S/Mhrs	Road Safety Regions	5yr AVG D&S
6.7	Urban Central		17.0	0.4	NORTHLAND	4.4
6.5	Christchurch City		38.8	2.5	AUCKLAND	36.8
6.2	Wellington City		13.8	0.5	WAIKATO	18.0
3.1	Urban South		7.0	0.5	BAY OF PLENTY	11.8
3.1	Dunedin City		10.0	0.6	TARANAKI	4.8
2.5	Urban North		6.6	0.6	MANAWATU WANGANUI	8.8
2.2	Hamilton City		8.2	0.5	GISBORNE	1.0
2.2	Hastings District	1 STDEV	5.6	0.8	HAWKE'S BAY	7.8
1.9	Palmerston North City		4.4	1.3	WELLINGTON	23.6
1.7	New Plymouth District	0.5 STDEV	4.4	0.5	TASMAN NELSON MARBOROUGH	6.0
1.3	Nelson City		4.0	0.1	WEST COAST	1.2
1.3	Urban West		3.4	0.8	CANTERBURY	43.4
1.3	Tauranga City		5.4	0.9	OTAGO	14.8
1.2	Kapiti Coast District		2.8	0.3	SOUTHLAND	3.0
1.2	Hutt City		2.8			
1.0	Wanganui District		2.0	0.8	NATIONAL	185.4
0.9	Rotorua District		3.8			
0.8	Invercargill City	MEAN	3.0			
0.8	Taupo District		2.6			
0.8	Queenstown-Lakes District		2.4			
0.8	Whangarei District		2.6			
0.8	Porirua City		2.0			
0.7	Napier City		1.8			
0.7	Waikato District		1.8			
0.7	Rural South		1.4			
0.6	Upper Hutt City		1.4			
0.5	Rural North		1.4			
0.5	Gisborne District		1.0			
0.5	Thames-Coromandel District		1.8			
0.4	Central Otago District		1.2			
0.4	Whakatane District		1.2			
0.4	Far North District		1.2			
0.3	Horowhenua District		0.6			
0.3	Waipa District		1.4			
0.3	Matamata-Piako District		1.2			
0.3	Western Bay Of Plenty District		1.2			
0.3	Timaru District		1.6			
0.3	Ruapehu District		0.6			
0.3	Waimakariri District		1.6			
0.3	Buller District		0.8			
0.2	Manawatu District		0.6			
0.2	South Taranaki District		0.4			
0.2	Wairoa District		0.4			
0.2	Masterton District		0.4			
0.1	Waikato District		1.2			
0.1	South Wairarapa District		0.2			
0.1	Kaipara District		0.6			
0.1	Rangitikei District		0.4			
0.1	Tasman District		1.6			
0.1	Selwyn District		0.8			
0.1	Carterton District		0.2			
0.1	Hauraki District		0.6			
0.1	Marlborough District		0.4			
0.1	Opotiki District		0.2			
0.1	Waitomo District		0.2			
0.1	Taranua District		0.2			
0.1	South Waikato District		0.2			
0.0	Waimate District		0.2			
0.0	Westland District		0.2			
0.0	Grey District		0.2			
0.0	Ashburton District		0.2			
0.0	Hurunui District		0.2			
0.0	Central Hawkes Bay District		0.0			
0.0	Clutha District		0.0			
0.0	Gore District		0.0			
0.0	Kaikoura District		0.0			
0.0	Kawerau District		0.0			
0.0	Mackenzie District		0.0			
0.0	Otorohanga District		0.0			
0.0	Southland District		0.0			
0.0	Stratford District		0.0			
0.0	Gulf Islands		0.0			
0.0	Chatham Islands County		0.0			

PEDESTRIANS				PEDESTRIANS		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK	Road Safety Regions	COLLECTIVE RISK
D&S/Mhrs	Territorial Authority		5yr AVG D&S	D&S/Mhrs		5yr AVG D&S
1.1	Christchurch City		32.4	0.1	NORTHLAND	8.8
0.7	Dunedin City		15.6	0.2	AUCKLAND	82.2
0.6	Wellington City		19.4	0.1	WAIKATO	27.2
0.5	Urban Central		34.0	0.1	BAY OF PLENTY	20.4
0.3	Hamilton City		11.2	0.1	TARANAKI	5.2
0.3	Urban South		22.8	0.1	MANAWATU WANGANUI	12.2
0.3	Palmerston North City	1 STDEV	4.4	0.1	GISBORNE	2.6
0.2	Tauranga City		7.2	0.1	HAWKE'S BAY	8.2
0.2	Rotorua District		6.6	0.1	WELLINGTON	4.2
0.2	Hastings District		4.0	0.1	TASMAN NELSON MARBOROUGH	7.4
0.2	Nelson City		5.0	0.0	WEST COAST	2.6
0.2	Invercargill City	0.5 STDEV	4.4	0.2	CANTERBURY	41.2
0.2	Napier City		3.4	0.2	OTAGO	22.0
0.2	New Plymouth District		3.2	0.1	SOUTHLAND	6.4
0.2	Hutt City		5.0			
0.1	Gisborne District		2.6	0.1	NATIONAL	250.6
0.1	Urban North		10.4			
0.1	Wanganui District		2.2			
0.1	Whangarei District		4.2			
0.1	Horowhenua District		2.4			
0.1	Waikato District	MEAN	3.4			
0.1	Far North District		3.8			
0.1	Waimakariri District		2.6			
0.1	Waipa District		3.4			
0.1	Urban West		8.2			
0.1	Timaru District		2.8			
0.1	Western Bay Of Plenty District		2.8			
0.1	Queenstown-Lakes District		2.2			
0.1	Whakatane District		2.4			
0.1	Porirua City		2.8			
0.1	Southland District		1.4			
0.1	Kapiti Coast District		2.4			
0.1	Thames-Coromandel District		1.8			
0.1	Stratford District		1.0			
0.1	Matamata-Piako District		1.8			
0.1	South Waikato District		1.6			
0.1	Rural South		3.8			
0.1	South Taranaki District		1.0			
0.1	Buller District		1.2			
0.1	Marlborough District		1.8			
0.1	Taupo District		1.6			
0.0	Waitaki District		2.2			
0.0	Upper Hutt City		2.0			
0.0	Tararua District		1.0			
0.0	Selwyn District		1.2			
0.0	Manawatu District		1.4			
0.0	Clutha District		1.2			
0.0	Hauraki District		1.0			
0.0	Rural North		2.8			
0.0	Ashburton District		1.0			
0.0	Central Hawkes Bay District		0.4			
0.0	Grey District		0.8			
0.0	South Wairarapa District		0.8			
0.0	Tasman District		0.6			
0.0	Kaipara District		0.8			
0.0	Opotiki District		1.2			
0.0	Waitomo District		0.8			
0.0	Central Otago District		0.8			
0.0	Gore District		0.6			
0.0	Mackenzie District		0.4			
0.0	Ruapehu District		0.4			
0.0	Westland District		0.6			
0.0	Kaikoura District		0.4			
0.0	Waimate District		0.4			
0.0	Masterton District		0.6			
0.0	Otorohanga District		0.6			
0.0	Kawerau District		0.2			
0.0	Rangitikei District		0.4			
0.0	Wairoa District		0.4			
0.0	Carterton District		0.2			
0.0	Hurunui District		0.0			
0.0	Gulf Islands		0.2			
0.0	Chatham Islands County		0.0			

DISTRACTION				DISTRACTION		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK	Road Safety Regions	COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT		5yr AVG D&S
3.2	Kawerau District		0.8	0.5	NORTHLAND	7.4
1.7	Opotiki District		2.2	0.4	AUCKLAND	46.6
1.6	Dunedin City		12.8	0.7	WAIKATO	39.6
1.3	Stratford District		1.4	1.3	BAY OF PLENTY	20.0
1.3	Ruapehu District		3.0	1.0	TARANAKI	8.8
1.3	Waimakariri District		5.8	0.7	MANAWATU WANGANUI	17.0
1.2	Westland District	1 STDEV	3.0	0.6	GISBORNE	2.2
1.1	Wanganui District		3.0	0.7	HAWKE'S BAY	14.6
1.0	Waikato District		11.0	0.4	WELLINGTON	16.2
1.0	Hastings District		8.4	0.7	TASMAN NELSON MARLBOROUGH	11.4
1.0	Napier City		4.6	0.6	WEST COAST	4.4
0.9	New Plymouth District		5.2	0.6	CANTERBURY	31.0
0.9	South Waikato District		2.6	0.7	OTAGO	20.6
0.9	Whakatane District		4.0	0.6	SOUTHLAND	9.2
0.9	Nelson City	0.5 STDEV	4.0			
0.9	Waitomo District		2.4	0.7	NATIONAL	249.0
0.9	Mackenzie District		1.4			
0.8	Hamilton City		7.6			
0.8	Upper Hutt City		2.0			
0.8	Matamata-Piako District		3.8			
0.8	Marlborough District		4.2			
0.8	South Taranaki District		2.2			
0.8	Palmerston North City		4.0			
0.8	Western Bay Of Plenty District		4.2			
0.8	Southland District		5.4			
0.7	Queenstown-Lakes District		2.4			
0.7	Rotorua District		5.0			
0.7	Rural South		6.8			
0.7	Kaipara District		1.6			
0.7	Waimate District		1.2			
0.7	Taupo District	MEAN	4.2			
0.7	Gore District		1.6			
0.6	Far North District		3.8			
0.6	Urban West		5.8			
0.6	Hauraki District		2.6			
0.6	Rangitikei District		2.2			
0.6	Gisborne District		2.2			
0.5	Waipa District		3.2			
0.5	Ashburton District		2.4			
0.5	Timaru District		2.2			
0.5	Otorohanga District		0.8			
0.5	Tararua District		1.6			
0.5	Tasman District		3.2			
0.5	Tauranga City		3.8			
0.5	Clutha District		1.6			
0.4	Thames-Coromandel District		1.4			
0.4	Masterton District		1.2			
0.4	Christchurch City		12.2			
0.4	Rural North		7.2			
0.4	Invercargill City		2.2			
0.4	Central Hawkes Bay District		0.6			
0.4	Waikati District		2.0			
0.4	Central Otago District		1.8			
0.4	Grey District		0.8			
0.4	Selwyn District		4.0			
0.4	Kapiti Coast District		1.8			
0.4	Wellington City		5.6			
0.4	Urban South		10.6			
0.4	Horowhenua District		1.6			
0.3	Wairoa District		1.0			
0.3	Urban North		7.0			
0.3	Porirua City		1.6			
0.3	Hurunui District		1.6			
0.3	Hutt City		2.8			
0.3	South Wairarapa District		0.6			
0.3	Whangarei District		2.0			
0.3	Manawatu District		1.6			
0.2	Carterton District		0.6			
0.2	Urban Central		9.2			
0.2	Buller District		0.6			
0.1	Kaikoura District		0.2			
	Gulf Islands		0.0			
	Chatham Islands County		0.0			

FATIGUE						
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK	FATIGUE	COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S
2.7	Kaikoura District		2.0	0.8	NORTHLAND	14.2
2.7	Mackenzie District		2.8	0.2	AUCKLAND	26.8
2.6	Wairoa District		3.2	0.8	WAIKATO	39.0
1.9	Ruapehu District		4.2	0.5	BAY OF PLENTY	15.0
1.4	Rangitikei District		4.4	0.8	TARANAKI	6.6
1.4	South Taranaki District		4.6	1.0	MANAWATU WANGANUI	22.0
1.3	Westland District		2.4	1.2	GISBORNE	4.0
1.3	Otorohanga District	1 STDEV	1.2	0.9	HAWKE'S BAY	13.6
1.2	South Waikato District		4.4	0.4	WELLINGTON	10.6
1.2	Taranua District		3.8	0.4	TASMAN NELSON MARLBOROUGH	6.6
1.2	Grey District		1.6	0.9	WEST COAST	4.4
1.2	Gisborne District		4.0	1.0	CANTERBURY	25.0
1.1	Matamata-Piako District		5.4	0.6	OTAGO	13.4
1.1	Central Hawkes Bay District	0.5 STDEV	2.4	0.3	SOUTHLAND	5.4
0.9	Western Bay Of Plenty District		7.0			
0.9	Manawatu District		3.4	0.7	NATIONAL	206.6
0.9	Waikato District		10.8			
0.9	Kaipara District		2.2			
0.9	Opoitiki District		1.2			
0.9	Waimate District		1.2			
0.9	Selwyn District		5.4			
0.8	Clutha District		2.4			
0.8	Far North District		6.0			
0.8	Hastings District		7.4			
0.8	Stratford District		1.0			
0.8	Hurunui District		2.8			
0.8	Taupo District		5.2			
0.7	Thames-Coromandel District		2.4			
0.7	Central Otago District	MEAN	2.0			
0.7	Waitomo District		1.6			
0.6	Carterton District		0.6			
0.6	Rotorua District		3.6			
0.6	Waipa District		3.6			
0.6	Masterton District		1.2			
0.6	Hauraki District		2.6			
0.6	Whangarei District		6.0			
0.6	Marlborough District		2.8			
0.6	Dunedin City		6.0			
0.6	Southland District		4.4			
0.5	Horowhenua District		2.2			
0.5	Tasman District		3.0			
0.5	Waimakariri District		2.4			
0.5	Waikato District		1.4			
0.4	Whakatane District		1.8			
0.4	Queenstown-Lakes District		1.6			
0.4	Rural South		4.4			
0.4	Wanganui District		1.8			
0.4	South Wairarapa District		1.0			
0.4	Kapiti Coast District		1.8			
0.4	Palmerston North City		2.2			
0.3	Porirua City		2.0			
0.3	Rural North		5.8			
0.3	Gore District		0.4			
0.3	Ashburton District		1.6			
0.3	Timaru District		1.8			
0.2	Urban South		7.4			
0.2	Hamilton City		1.8			
0.2	Buller District		0.4			
0.2	Upper Hutt City		0.6			
0.2	New Plymouth District		1.0			
0.1	Nelson City		0.8			
0.1	Wellington City		2.2			
0.1	Urban West		1.4			
0.1	Christchurch City		5.0			
0.1	Hutt City		1.2			
0.1	Invercargill City		0.6			
0.1	Tauranga City		1.4			
0.1	Urban Central		6.8			
0.1	Napier City		0.6			
0.0	Urban North		1.0			
0.0	Kawerau District		0.0			
	Gulf Islands		0.0			
	Chatham Islands County		0.0			

OLDER ROAD USERS person aged 75year+				OLDER ROAD USERS person aged 75year+		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK	Road Safety Regions	COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT		5yr AVG D&S
29.9	Kawerau District		0.4	7.4	NORTHLAND	9.2
22.1	Invercargill City		4.6	6.9	AUCKLAND	34.2
22.1	Dunedin City		11.6	10.5	WAIKATO	28.0
21.3	Otorohanga District		1.2	13.3	BAY OF PLENTY	14.6
18.5	Selwyn District		4.2	10.8	TARANAKI	7.8
16.0	Clutha District		2.8	6.9	MANAWATU WANGANUI	13.8
15.6	Waimakariri District		3.4	4.5	GISBORNE	0.8
14.3	Mackenzie District	1 STDEV	0.8	8.0	HAWKE'S BAY	8.4
12.8	Western Bay Of Plenty District		4.8	6.4	WELLINGTON	13.6
12.7	Matamata-Piako District		4.0	6.1	TASMAN NELSON MARLBOROUGH	6.4
12.4	Kapiti Coast District		2.8	7.5	WEST COAST	2.2
12.1	Rural South		3.6	10.1	CANTERBURY	39.4
12.1	Horowhenua District		4.6	11.0	OTAGO	19.2
12.1	Rotorua District		3.8	8.8	SOUTHLAND	5.8
12.0	Christchurch City		24.0			
11.6	Wairoa District		0.4	8.9	NATIONAL	203.4
11.6	New Plymouth District	0.5 STDEV	4.8			
11.5	Whakatane District		2.0			
11.3	Waitomo District		1.0			
11.3	Upper Hutt City		2.0			
11.2	Hamilton City		5.0			
11.1	Waikato District		5.2			
10.8	Stratford District		1.0			
10.8	Hurunui District		2.4			
10.6	Napier City		3.4			
10.2	Whangarei District		5.6			
10.1	South Taranaki District		2.0			
10.1	Grey District		0.6			
9.9	Opotiki District		0.6			
9.7	South Waikato District		1.4			
9.6	Thames-Coromandel District		2.4			
9.3	Hastings District		4.4			
8.8	Taupo District	MEAN	4.2			
8.6	Far North District		2.6			
8.6	Westland District		1.0			
8.5	Palmerston North City		2.0			
8.3	Wanganui District		2.4			
7.9	Nelson City		2.4			
7.2	Urban North		7.0			
7.0	Urban South		6.6			
7.0	Queenstown-Lakes District		1.2			
6.8	Waikato District		3.0			
6.7	Porirua City		1.2			
6.7	Wellington City		4.4			
6.5	Urban West		2.4			
5.9	Ashburton District		2.2			
5.9	Waipa District		2.6			
5.9	Manawatu District		1.6			
5.4	Masterton District		0.6			
5.3	Tasman District		2.0			
5.0	Kaikoura District		0.2			
5.0	Marlborough District		2.0			
4.9	Ruapehu District		1.0			
4.5	Gisborne District		0.8			
4.5	Waimate District		0.4			
4.5	Urban Central		10.4			
4.4	Southland District		1.2			
4.4	Rangitikei District		1.4			
4.4	Rural North		4.2			
4.3	South Wairarapa District		0.4			
4.3	Hutt City		2.2			
4.3	Timaru District		1.8			
4.0	Taranua District		0.8			
3.9	Buller District		0.6			
3.6	Tauranga City		3.0			
3.4	Hauraki District		1.0			
3.3	Kaipara District		1.0			
3.2	Central Otago District		0.6			
0.6	Central Hawkes Bay District		0.2			
0.0	Carterton District		0.0			
0.0	Gore District		0.0			
	Gulf Islands		0.0			
	Chatham Islands County		0.0			

RESTRAINT USE				RESTRAINT USE		
PERSONAL RISK	Ranking	Standard deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK
D&S/100MVKT	Territorial Authority		5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S
2.7	Kawerau District		0.6	1.105	NORTHLAND	18.0
1.6	Opotiki District		2.2	0.375	AUCKLAND	48.4
1.6	Masterton District		3.0	0.619	WAIKATO	31.2
1.5	Kaipara District		3.6	1.094	BAY OF PLENTY	17.2
1.3	Far North District		9.4	0.566	TARANAKI	5.0
1.2	Wairoa District		1.8	0.406	MANAWATU WANGANUI	13.2
1.1	Whakatane District		4.8	0.776	GISBORNE	3.4
0.9	South Waikato District	1 STDEV	3.6	0.769	HAWKE'S BAY	10.2
0.9	Carterton District		0.6	0.508	WELLINGTON	13.0
0.9	Otorohanga District		1.0	0.348	TASMAN NELSON MARLBOROUGH	5.0
0.8	Central Hawkes Bay District		1.6	0.599	WEST COAST	2.4
0.8	Grey District		1.0	0.323	CANTERBURY	17.2
0.8	Gisborne District	0.5 STDEV	3.4	0.480	OTAGO	11.0
0.7	Ruapehu District		2.2	0.458	SOUTHLAND	6.8
0.7	Taranua District		2.8			
0.7	South Taranaki District		2.2	0.568	NATIONAL	202.0
0.7	Hastings District		5.2			
0.7	Waitomo District		1.6			
0.7	Taupo District		4.4			
0.7	Dunedin City		5.0			
0.7	Southland District		4.2			
0.6	Buller District		0.8			
0.6	Urban West		7.2			
0.6	Stratford District		0.6			
0.6	Waikaki District		2.0			
0.6	Waipa District		3.2			
0.6	Marlborough District		2.6			
0.5	Matamata-Piako District	MEAN	3.2			
0.5	Rotorua District		4.4			
0.5	Whangarei District		5.0			
0.5	Western Bay Of Plenty District		3.2			
0.5	Waikato District		6.6			
0.5	Hauraki District		2.2			
0.5	Thames-Coromandel District		1.6			
0.5	Upper Hutt City		1.2			
0.5	Central Otago District		1.4			
0.5	Waimakariri District		1.8			
0.4	Urban South		12.4			
0.4	Palmerston North City		3.6			
0.4	Rural South		4.8			
0.4	Clutha District		1.4			
0.4	Gore District		0.8			
0.4	Napier City		1.6			
0.4	New Plymouth District		2.2			
0.4	Westland District		0.6			
0.4	Waimate District		0.8			
0.4	Kaikoura District		0.8			
0.4	Hamilton City		3.8			
0.3	Timaru District		1.8			
0.3	Mackenzie District		0.4			
0.3	Wellington City		3.8			
0.3	Hurunui District		0.8			
0.3	Invercargill City		1.8			
0.3	Horowhenua District		1.4			
0.3	Rangitikei District		1.0			
0.3	Selwyn District		2.4			
0.3	Tasman District		1.8			
0.3	Urban Central		13.0			
0.3	Urban North		5.0			
0.3	Hutt City		2.0			
0.3	Christchurch City		7.2			
0.3	Rural North		5.2			
0.2	Kapiti Coast District		1.6			
0.2	Queenstown-Lakes District		1.2			
0.2	Wanganui District		1.2			
0.2	Ashburton District		1.2			
0.2	Nelson City		0.6			
0.2	Tauranga City		2.0			
0.2	Manawatu District		1.0			
0.1	Porirua City		0.6			
0.1	South Wairarapa District		0.2			
	Gulf Islands		0.8			
	Chatham Islands County		0.2			