

Communities at Risk Register 2013

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, 2008-2012.

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)

Communities at Risk Register

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	VAR	2.2	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	avgVAR	5yr AVG D&S
14.5	Wairoa District	7.3		17.8	8.4	NORTHLAND	1.1	45.3
14.4	Opoitiki District	7.2	3 STDEV	18.8	4.2	AUCKLAND	-3.1	82.9
11.2	Kaipara District	4.0	2 STDEV	27.2	7.8	WAIKATO	0.5	38.4
11.2	Kawerau District	3.9		2.4	9.1	BAY OF PLENTY	1.8	33.1
11.1	Waikato District	3.9		20.4	8.1	TARANAKI	0.8	12.9
11.1	Ruapehu District	3.8		25.6	7.6	MANAWATU WANGANUI	0.2	27.2
10.9	Dunedin City	3.7		97.0	7.6	GISBORNE	0.3	33.2
10.0	Stratford District	2.8	1 STDEV	11.2	8.5	HAWKE'S BAY	1.2	29.6
9.2	Western Bay Of Plenty District	1.9		58.2	6.1	WELLINGTON	-1.2	25.9
9.1	Grey District	1.8		14.0	6.3	TASMAN NELSON MARLBOROUGH	-1.0	30.7
9.0	Clutha District	1.8		27.2	8.5	WEST COAST	1.3	16.1
8.9	Westland District	1.6		19.2	6.4	CANTERBURY	-0.9	41.0
8.6	South Waikato District	1.3		31.8	8.4	OTAGO	1.2	40.4
8.5	Otorohanga District	1.3		11.8	7.1	SOUTHLAND	-0.1	31.4
8.3	Southland District	1.1		54.4				
8.3	Taranua District	1.1		24.2	Standard deviation	1.3		
8.3	South Wairarapa District	1.0		10.6	Mean	7.4		
8.3	Central Otago District	1.0	0.5 STDEV	24.2				
8.2	Thames-Coromandel District	1.0		24.6	6.1	NATIONAL		2540.1
8.2	Far North District	0.9		58.4				
7.9	Whakatane District	0.7		31.8				
7.7	Mackenzie District	0.5		9.0				
7.7	Buller District	0.4		15.0				
7.6	Taupo District	0.3		50.6				
7.6	Gisborne District	0.3		33.2				
7.6	Palmerston North City	0.3		41.2				
7.6	Wanganui District	0.3		22.8				
7.5	South Taranaki District	0.2		22.2				
7.5	Matamata-Piako District	0.2		41.0				
7.4	Rotorua District	0.2		49.2				
7.4	Invercargill City	0.2		28.8				
7.3	Christchurch City	0.1	Mean	203.6				
7.2	Hastings District	0.0	7.3	60.0				
7.2	Waikato District	0.0		82.2				
7.1	Upper Hutt City	-0.2		18.4				
7.1	Queenstown-Lakes District	-0.2		27.6				
6.9	Marlborough District	-0.4		33.0				
6.8	Waikato District	-0.4		26.0				
6.7	New Plymouth District	-0.5		43.8				
6.7	Carterton District	-0.6		6.4				
6.6	Kaikoura District	-0.6		7.8				
6.6	Hurunui District	-0.6		24.0				
6.6	Nelson City	-0.7		25.2				
6.5	Waimakariri District	-0.7		29.2				
6.5	Horowhenua District	-0.8		28.0				
6.4	Hamilton City	-0.9		59.0				
6.4	Wellington City	-0.9		80.4				
6.3	Masterton District	-1.0		12.8				
6.3	Rangitikei District	-1.0		19.6				
6.2	Waipa District	-1.0		38.2				
6.2	Central Hawkes Bay District	-1.0		14.2				
6.2	Hauraki District	-1.1		24.0				
6.1	Manawatu District	-1.1		28.8				
6.1	Ashburton District	-1.1		26.2				
6.0	Waimate District	-1.2		8.8				
6.0	Napier City	-1.3		26.2				
5.7	Whangarei District	-1.5		50.4				
5.6	Rural South	-1.6		53.4				
5.6	Gore District	-1.6		11.0				
5.6	Selwyn District	-1.7		37.8				
5.4	Tasman District	-1.9		34.0				
5.1	Kapiti Coast District	-2.2		22.8				
5.1	Urban West	-2.2		50.6				
5.0	Porirua City	-2.3		24.8				
4.7	Timaru District	-2.6		22.8				
4.1	Tauranga City	-3.1		38.4				
4.1	Urban South	-3.2		120.4				
4.0	Hutt City	-3.3		31.0				
3.7	Urban North	-3.6		64.0				
3.4	Rural North	-3.8		59.0				
3.1	Urban Central	-4.2		148.6				
	Gulf Islands			1.6				
	Chatham Islands			0.8				

Communities at Risk Register

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	VAR	6.3	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	avgVAR	5yr AVG D&S
			3 STDEV					
34.8	Kawerau District	17.6	2 STDEV	0.8	18.8	NORTHLAND	1.7	14.7
29.7	Dunedin City	12.5		37.2	10.3	AUCKLAND	-6.9	28.2
28.9	Invercargill City	11.8		13.2	17.2	WAIKATO	0.1	12.1
28.4	Opotiki District	11.2		5.8	23.9	BAY OF PLENTY	6.8	12.9
27.4	Wairoa District	10.2		4.8	18.0	TARANAKI	0.8	4.6
26.9	Grey District	9.7		5.4	17.3	MANAWATU WANGANUI	-0.1	9.4
26.4	Kaipara District	9.2		7.2	15.0	GISBORNE	-2.1	10.2
25.9	South Wairarapa District	8.8		3.6	16.9	HAWKE'S BAY	-0.2	9.2
25.7	Central Otago District	8.6		9.6	14.2	WELLINGTON	-2.9	7.1
25.2	Western Bay Of Plenty District	8.0		23.8	13.1	TASMAN NELSON MARLBOROUGH	-4.1	8.3
24.9	Queenstown-Lakes District	7.7		9.8	20.5	WEST COAST	3.4	4.5
24.4	Clutha District	7.3		9.6	14.0	CANTERBURY	-3.2	13.1
24.1	Otorohanga District	7.0		4.6	24.7	OTAGO	7.5	14.9
23.7	Rotorua District	6.6	1 STDEV	22.8	21.0	SOUTHLAND	3.8	11.8
23.2	Waimakariri District	6.0		13.0				
22.3	Whakatane District	5.2		12.4	Standard deviation	1.1		
21.6	Carterton District	4.5		2.4	Mean	17.5		
21.4	Ruapehu District	4.2		8.0				
20.6	Southland District	3.5		17.4				
20.4	Tararua District	3.3		8.6				
20.3	South Waikato District	3.1	0.5 STDEV	10.2				
20.0	South Taranaki District	2.8		7.8				
19.6	Thames-Coromandel District	2.5		6.8				
18.6	Waitaki District	1.5		8.4				
18.4	Waipa District	1.2		16.2				
18.4	Taupo District	1.2		16.8				
18.1	Waitomo District	1.0		5.0				
18.1	Palmerston North City	1.0		16.4				
18.1	Rangitikei District	0.9		7.6				
18.0	Buller District	0.8		4.2				
17.3	Stratford District	0.1	Mean	4.0				
17.3	Hurunui District	0.1	17.2	8.6				
16.9	Christchurch City	-0.3		61.8				
16.9	Far North District	-0.3		19.4				
16.8	Upper Hutt City	-0.4		5.2				
16.8	Westland District	-0.4		3.8				
16.6	New Plymouth District	-0.6		16.0				
15.7	Wanganui District	-1.5		7.2				
15.3	Nelson City	-1.9		8.0				
15.0	Gisborne District	-2.1		10.2				
15.0	Matamata-Piako District	-2.2		13.0				
14.9	Napier City	-2.3		9.2				
14.7	Manawatu District	-2.4		11.4				
14.3	Waikato District	-2.9		24.0				
14.2	Hastings District	-3.0		17.8				
13.6	Ashburton District	-3.5		8.2				
13.6	Marlborough District	-3.6		8.4				
13.5	Urban West	-3.7		18.0				
13.4	Gore District	-3.8		4.8				
13.3	Porirua City	-3.9		8.6				
13.3	Rural South	-3.9		19.8				
13.2	Whangarei District	-4.0		17.6				
13.0	Waimate District	-4.2		3.0				
12.9	Timaru District	-4.2		9.0				
12.6	Mackenzie District	-4.5		1.4				
12.5	Horowhenua District	-4.7		6.8				
12.1	Hauraki District	-5.0		7.0				
11.8	Hamilton City	-5.4		17.0				
11.3	Central Hawkes Bay District	-5.8		4.8				
11.1	Wellington City	-6.1		18.2				
10.9	Selwyn District	-6.2		12.2				
10.4	Tasman District	-6.8		8.6				
10.1	Urban South	-7.1		44.2				
9.8	Kapiti Coast District	-7.4		6.6				
9.3	Tauranga City	-7.9		11.8				
8.6	Urban North	-8.6		20.6				
8.3	Rural North	-8.9		19.6				
8.1	Masterton District	-9.1		2.2				
8.0	Urban Central	-9.1		46.6				
7.3	Hutt City	-9.9		9.6				
5.2	Kaikoura District	-12.0		0.8				
	Gulf Islands			0.4				
	Chatham Islands			0.0				

Communities at Risk Register

ALCOHOL & DRUGS				ALCOHOL & DRUGS			
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK
D&S/100MVKT	Territorial Authority	VAR	1.0	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S
						avgVAR	
6.8	Wairoa District	4.9		7.8	2.8	NORTHLAND	15.1
5.0	Opoitiki District	3.2	3 STDEV	6.2	1.2	AUCKLAND	24.6
3.8	Gisborne District	2.0	2 STDEV	16.2	1.7	WAIKATO	9.3
3.8	Kawerau District	2.0		1.0	2.7	BAY OF PLENTY	8.7
3.7	Kaipara District	1.8		8.4	2.4	TARANAKI	3.7
3.2	Far North District	1.3		22.8	2.1	MANAWATU WANGANUI	7.6
3.1	Taranua District	1.3		9.2	3.8	GISBORNE	16.2
3.1	Central Hawkes Bay District	1.2		6.6	3.2	HAWKE'S BAY	8.0
3.0	South Taranaki District	1.2	1 STDEV	8.0	1.2	WELLINGTON	4.9
2.7	Western Bay Of Plenty District	0.9		18.2	1.5	TASMAN NELSON MARLBOROUGH	7.2
2.6	Ruapehu District	0.7		6.4	1.9	WEST COAST	2.9
2.4	South Waikato District	0.6	0.5 STDEV	8.8	1.3	CANTERBURY	7.4
2.3	Stratford District	0.4		2.6	1.6	OTAGO	7.2
2.3	Invercargill City	0.4		7.8	1.7	SOUTHLAND	7.2
2.2	Palmerston North City	0.4		11.6			
2.2	Grey District	0.3		3.0	Standard deviation	0.8	
2.2	Otorohanga District	0.3		3.0	Mean	2.1	
2.2	Waimate District	0.3		3.4			
2.1	Whakatane District	0.3		9.8			
2.1	Southland District	0.3		11.8			
2.1	Hauraki District	0.2		8.4			
2.0	Buller District	0.1		3.2			
1.9	Waikato District	0.0		21.2			
1.9	Carterton District	0.0		1.4			
1.9	Manawatu District	0.0	Mean	8.6			
1.9	Marlborough District	0.0	1.9	8.6			
1.8	New Plymouth District	-0.1		11.8			
1.8	Clutha District	-0.1		5.6			
1.8	Dunedin City	-0.1		15.2			
1.8	Thames-Coromandel District	-0.1		6.4			
1.7	Masterton District	-0.1		3.6			
1.7	Ashburton District	-0.1		7.0			
1.7	Horowhenua District	-0.2		7.8			
1.7	Rural South	-0.2		17.8			
1.6	Queenstown-Lakes District	-0.2		5.4			
1.6	Whangarei District	-0.2		14.2			
1.6	Matamata-Piako District	-0.2		9.6			
1.6	Waipa District	-0.2		10.4			
1.6	Taupo District	-0.2		11.6			
1.6	Wanganui District	-0.2		5.0			
1.6	Rangitikei District	-0.3		4.4			
1.5	Urban West	-0.3		15.2			
1.5	Selwyn District	-0.4		9.6			
1.5	Hastings District	-0.4		10.8			
1.5	Waimakariri District	-0.4		6.8			
1.5	Rotorua District	-0.4		10.4			
1.5	Napier City	-0.4		6.6			
1.4	Waikato District	-0.4		5.6			
1.4	Westland District	-0.4		2.6			
1.4	Nelson City	-0.5		5.4			
1.4	Urban South	-0.5		39.8			
1.3	Kaikoura District	-0.5		1.4			
1.3	Tasman District	-0.5		7.6			
1.3	South Wairarapa District	-0.6		2.4			
1.2	Upper Hutt City	-0.6		2.8			
1.2	Central Otago District	-0.7		4.4			
1.2	Hamilton City	-0.7		11.4			
1.1	Mackenzie District	-0.8		1.0			
1.1	Rural North	-0.8		17.8			
1.0	Christchurch City	-0.9		29.4			
0.9	Hurunui District	-0.9		3.8			
0.9	Urban North	-1.0		17.2			
0.9	Wellington City	-1.0		12.0			
0.9	Waitomo District	-1.0		2.0			
0.9	Kapiti Coast District	-1.0		5.0			
0.9	Timaru District	-1.0		4.4			
0.9	Hutt City	-1.0		7.2			
0.8	Porirua City	-1.0		4.6			
0.7	Urban Central	-1.1		38.8			
0.7	Tauranga City	-1.1		6.8			
0.7	Gore District	-1.2		2.0			
	Chatham Islands			0.6			

Communities at Risk Register

SPEED too fast for conditions					SPEED too fast for conditions				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK			COLLECTIVE RISK	
D&S/100MVKT	Territorial Authority	VAR	0.9	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	avgVAR	5yr AVG D&S	
5.3	Wairoa District	3.5	3 STDEV	4.8	2.2	NORTHLAND	0.4	12.2	
4.6	Opotiki District	2.8	2 STDEV	6.6	1.0	AUCKLAND	-0.8	18.8	
3.0	Otorohanga District	1.2		4.0	2.0	WAIKATO	0.2	9.7	
2.9	Stratford District	1.1		3.0	2.3	BAY OF PLENTY	0.5	9.2	
2.9	South Wairarapa District	1.1		3.8	2.2	TARANAKI	0.5	6.4	
2.9	Kaipara District	1.1		6.6	1.7	MANAWATU WANGANUI	-0.3	5.8	
2.8	South Waikato District	1.0		9.8	2.8	GISBORNE	1.0	10.6	
2.8	Gisborne District	1.0		10.6	2.4	HAWKE'S BAY	0.7	3.4	
2.7	Wanganui District	1.0		7.8	1.6	WELLINGTON	-0.2	5.8	
2.7	Buller District	0.9	1 STDEV	5.0	1.4	TASMAN NELSON MARLBOROUGH	-0.4	7.1	
2.6	Western Bay Of Plenty District	0.9		18.2	2.4	WEST COAST	0.7	4.5	
2.5	Ruapehu District	0.7		6.2	1.3	CANTERBURY	-0.4	10.9	
2.5	Thames-Coromandel District	0.7		6.8	1.7	OTAGO	-0.1	8.0	
2.5	Whakatane District	0.7		10.6	1.4	SOUTHLAND	-0.3	6.9	
2.3	Grey District	0.6		4.0					
2.3	Westland District	0.5		4.4	Standard deviation	0.5			
2.3	Taranua District	0.5	0.5 STDEV	5.8	Mean	1.9			
2.2	Clutha District	0.4		6.6					
2.2	Waitomo District	0.4		4.6					
2.2	Dunedin City	0.4		19.2					
2.2	Hurunui District	0.4		7.6					
2.1	South Taranaki District	0.4		5.4					
2.1	Waimate District	0.3		3.0					
2.1	Far North District	0.3		16.2					
2.0	Central Hawkes Bay District	0.2		4.2					
2.0	Matamata-Piako District	0.2		12.0					
1.9	Southland District	0.1		11.8					
1.8	Invercargill City	0.1	Mean	7.8					
1.8	Carterton District	0.0	1.8	1.6					
1.7	Waipa District	0.0		11.0					
1.7	Rotorua District	0.0		12.4					
1.7	Masterton District	-0.1		3.6					
1.7	New Plymouth District	-0.1		10.8					
1.7	Waikato District	-0.1		6.0					
1.7	Palmerston North City	-0.1		9.0					
1.6	Taupo District	-0.2		12.4					
1.6	Hastings District	-0.2		13.0					
1.6	Hauraki District	-0.2		6.6					
1.5	Kaikoura District	-0.3		2.2					
1.5	Urban West	-0.3		15.6					
1.5	Marlborough District	-0.3		7.4					
1.5	Tasman District	-0.3		9.4					
1.5	Kawerau District	-0.3		0.4					
1.5	Whangarei District	-0.3		13.8					
1.5	Hamilton City	-0.3		12.4					
1.5	Ashburton District	-0.3		6.8					
1.4	Waikato District	-0.3		17.6					
1.4	Kapiti Coast District	-0.4		5.6					
1.4	Upper Hutt City	-0.4		3.4					
1.4	Selwyn District	-0.4		8.4					
1.4	Queenstown-Lakes District	-0.4		5.4					
1.4	Waimakariri District	-0.4		5.4					
1.3	Rural South	-0.4		14.8					
1.3	Porirua City	-0.5		6.2					
1.2	Nelson City	-0.6		4.6					
1.1	Horowhenua District	-0.7		5.0					
1.1	Hutt City	-0.7		8.4					
1.1	Central Otago District	-0.7		3.0					
1.0	Wellington City	-0.8		13.6					
0.9	Urban South	-0.8		28.0					
0.9	Christchurch City	-0.9		27.8					
0.9	Rural North	-0.9		15.2					
0.8	Napier City	-1.0		3.4					
0.8	Manawatu District	-1.0		4.4					
0.7	Rangitikei District	-1.1		2.2					
0.7	Tauranga City	-1.1		6.8					
0.7	Urban North	-1.1		11.6					
0.6	Timaru District	-1.2		3.4					
0.6	Gore District	-1.2		1.2					
0.5	Urban Central	-1.2		27.4					
0.5	Mackenzie District	-1.3		0.6					
	Chatham Islands			0.4					

URBAN INTERSECTIONS					URBAN INTERSECTIONS				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK			COLLECTIVE RISK	
D&S/100M/KT	Territorial Authority	VAR	1.5	5yr AVG D&S	D&S/100M/KT	Road Safety Regions	avgVAR	5yr AVG D&S	
			2 STDEV						
6.9	Taranua District	4.2		2.6	2.5	NORTHLAND	-0.2	3.3	
6.9	Southland District	4.2		2.6	2.3	AUCKLAND	-0.4	25.3	
6.9	Dunedin City	4.1		34.2	2.5	WAIKATO	-0.2	4.8	
6.8	Waimate District	4.0	1 STDEV	0.6	2.7	BAY OF PLENTY	-0.1	4.9	
4.7	Rural South	2.0		4.6	2.5	TARANAKI	-0.3	2.2	
4.7	Horowhenua District	2.0		5.4	3.6	MANAWATU WANGANUI	0.1	4.2	
4.6	Invercargill City	1.9		12.8	2.4	GISBORNE	-0.3	5.2	
4.6	Opotiki District	1.9	0.5 STDEV	0.6	2.4	HAWKE'S BAY	-0.3	4.6	
4.1	Christchurch City	1.3		91.2	2.3	WELLINGTON	-0.5	6.7	
4.0	Wellington City	1.3		28.8	2.2	TASMAN NELSON MARLBOROUGH	-0.5	3.8	
3.9	Whakatane District	1.2		3.8	1.9	WEST COAST	-0.8	1.0	
3.8	Waipa District	1.0		5.2	2.6	CANTERBURY	-0.2	11.7	
3.7	Taupo District	1.0		4.8	3.8	OTAGO	1.0	8.7	
3.7	Waitaki District	1.0		3.8	4.9	SOUTHLAND	2.1	5.8	
3.7	New Plymouth District	1.0		11.8					
3.6	Clutha District	0.8		1.6	Standard deviation	0.8			
3.5	South Wairarapa District	0.8		0.6	Mean	2.8			
3.5	Rotorua District	0.7		10.0					
3.4	Wanganui District	0.7		5.6					
3.4	Ashburton District	0.6		3.4					
3.3	Ruapehu District	0.6		1.0					
3.2	Grey District	0.5		2.2					
3.2	Matamata-Piako District	0.5		2.6					
3.2	Kaipara District	0.4		1.6					
3.1	Gore District	0.4		2.0					
3.1	Timaru District	0.4		5.8					
3.1	Palmerston North City	0.4		13.0					
3.1	Wairoa District	0.3		0.8					
3.0	Hastings District	0.3		9.4					
3.0	Hamilton City	0.2		25.6					
2.9	Central Otago District	0.1	Mean	1.0					
2.8	Far North District	0.0	2.7	2.6					
2.6	Upper Hutt City	-0.2		3.4					
2.6	Kapiti Coast District	-0.2		4.6					
2.6	Marlborough District	-0.2		3.2					
2.5	Buller District	-0.2		0.8					
2.5	Urban West	-0.3		15.0					
2.5	Western Bay Of Plenty District	-0.3		1.8					
2.4	Waimakariri District	-0.3		2.4					
2.4	Gisborne District	-0.3		5.2					
2.4	Napier City	-0.4		7.4					
2.4	Nelson City	-0.4		6.0					
2.3	Urban Central	-0.4		66.6					
2.3	Thames-Coromandel District	-0.4		2.8					
2.3	South Taranaki District	-0.5		1.2					
2.3	Otorohanga District	-0.5		0.6					
2.1	Porirua City	-0.6		4.8					
2.1	Urban South	-0.6		44.6					
2.0	Selwyn District	-0.7		1.6					
2.0	Rangitikei District	-0.8		0.6					
2.0	South Waikato District	-0.8		1.2					
2.0	Waitomo District	-0.8		0.4					
1.9	Waikato District	-0.8		3.8					
1.8	Queenstown-Lakes District	-0.9		3.0					
1.8	Masterton District	-0.9		2.6					
1.8	Urban North	-1.0		18.2					
1.7	Tasman District	-1.0		2.2					
1.7	Hutt City	-1.1		8.8					
1.7	Manawatu District	-1.1		1.4					
1.6	Whangarei District	-1.2		5.6					
1.5	Tauranga City	-1.2		13.0					
1.4	Stratford District	-1.3		0.4					
1.3	Central Hawkes Bay District	-1.4		0.8					
1.2	Hauraki District	-1.5		0.6					
0.8	Kaikoura District	-2.0		0.2					
0.7	Rural North	-2.0		2.6					
0.6	Hurunui District	-2.2		0.4					
0.0	Carterton District	-2.7		0.0					
0.0	Kawerau District	-2.7		0.0					
0.0	Mackenzie District	-2.7		0.0					
0.0	Westland District	-2.7		0.0					
	Gulf Islands			0.0					
	Chatham Islands			0.0					

Communities at Risk Register

RURAL INTERSECTIONS				RURAL INTERSECTIONS			
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK
D&S/100MVKT	Territorial Authority	VAR	0.9	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S
5.4	Kawerau District	4.1		0.2	1.0	NORTHLAND	5.1
4.1	Hamilton City	2.8	3 STDEV	3.0	0.6	AUCKLAND	5.0
2.9	Palmerston North City	1.7	2 STDEV	3.8	1.5	WAIKATO	4.6
2.6	Waitomo District	1.4		3.6	1.9	BAY OF PLENTY	2.8
2.4	Manawatu District	1.1		7.6	1.7	TARANAKI	1.9
2.3	Christchurch City	1.0		11.4	1.6	MANAWATU WANGANUI	3.5
2.2	Timaru District	1.0	1 STDEV	5.4	2.0	GISBORNE	4.6
2.1	Upper Hutt City	0.8		2.2	0.8	HAWKE'S BAY	2.5
2.0	Gisborne District	0.8		4.6	0.9	WELLINGTON	1.4
2.0	Opotiki District	0.8		2.2	1.1	TASMAN NELSON MARLBOROUGH	3.1
2.0	Central Otago District	0.7		4.4	0.2	WEST COAST	0.3
1.9	New Plymouth District	0.7		6.0	1.3	CANTERBURY	4.9
1.9	Ashburton District	0.7		6.2	1.3	OTAGO	3.3
1.9	Invercargill City	0.7		2.2	1.2	SOUTHLAND	3.5
1.8	Selwyn District	0.6		11.2			
1.7	South Taranaki District	0.5		3.8	Standard deviation	0.5	
1.7	Horowhenua District	0.5	0.5 STDEV	4.8	Mean	1.2	
1.6	Waimakariri District	0.4		6.2			
1.6	South Waikato District	0.3		5.8			
1.5	Waipa District	0.3		6.2			
1.5	Rotorua District	0.3		6.2			
1.5	Rangitikei District	0.2		3.4			
1.5	Stratford District	0.2		1.4			
1.4	Waitaki District	0.2		3.2			
1.4	Masterton District	0.2		1.0			
1.4	Western Bay Of Plenty District	0.1		6.2			
1.4	Southland District	0.1		7.8			
1.3	Matamata-Piako District	0.1		6.0			
1.3	Hastings District	0.1		6.6			
1.3	Rural South	0.0	Mean	9.2			
1.3	Dunedin City	0.0	1.2	4.2			
1.2	Carterton District	0.0		1.2			
1.1	Nelson City	-0.1		1.2			
1.1	Whangarei District	-0.2		6.0			
1.1	Far North District	-0.2		7.0			
1.1	Waikato District	-0.2		11.4			
1.1	Tasman District	-0.2		4.0			
1.1	Taupo District	-0.2		5.2			
1.0	Marlborough District	-0.2		4.0			
1.0	Kaikoura District	-0.2		1.0			
1.0	Rural North	-0.2		11.0			
1.0	Hauraki District	-0.3		2.6			
1.0	Taranua District	-0.3		2.2			
1.0	Kaipara District	-0.3		2.2			
1.0	Clutha District	-0.3		2.6			
0.9	Ruapehu District	-0.3		2.0			
0.9	Queenstown-Lakes District	-0.3		2.0			
0.9	Kapiti Coast District	-0.4		2.6			
0.8	Wairoa District	-0.4		0.8			
0.8	Napier City	-0.5		1.2			
0.7	Mackenzie District	-0.5		0.8			
0.6	South Wairarapa District	-0.6		0.4			
0.6	Tauranga City	-0.6		0.8			
0.6	Porirua City	-0.7		1.0			
0.6	Wanganui District	-0.7		0.8			
0.6	Thames-Coromandel District	-0.7		1.4			
0.5	Central Hawkes Bay District	-0.7		1.4			
0.5	Hutt City	-0.7		1.8			
0.5	Hurunui District	-0.7		1.6			
0.4	Urban South	-0.8		4.0			
0.4	Whakatane District	-0.8		1.4			
0.4	Otorohanga District	-0.8		0.4			
0.4	Westland District	-0.8		0.8			
0.3	Urban West	-0.9		1.4			
0.3	Urban North	-0.9		2.6			
0.3	Gore District	-1.0		0.4			
0.2	Wellington City	-1.0		1.2			
0.1	Buller District	-1.1		0.2			
0.1	Urban Central	-1.2		1.8			
0.0	Grey District	-1.2		0.0			
0.0	Waimate District	-1.2		0.0			
	Gulf Islands			0.0			
	Chatham Islands			0.0			

Communities at Risk Register

INTERSECTIONS				INTERSECTIONS				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK	
D&S/100MVKT	Territorial Authority	VAR	0.8	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	avgVAR	5yr AVG D&S
4.4	Dunedin City	2.7		38.4	1.3	NORTHLAND	-0.3	8.3
3.8	Invercargill City	2.1		15.0	1.4	AUCKLAND	-0.3	30.3
3.7	Christchurch City	2.0	2 STDEV	102.6	1.7	WAIKATO	0.0	9.3
3.1	Hamilton City	1.4		28.6	1.7	BAY OF PLENTY	0.0	7.7
3.1	Palmerston North City	1.4		16.8	2.0	TARANAKI	0.3	4.1
2.8	New Plymouth District	1.1		17.8	2.1	MANAWATU WANGANUI	0.3	7.7
2.6	Waitomo District	0.9		4.0	2.2	GISBORNE	0.5	9.8
2.5	Timaru District	0.9		11.2	1.4	HAWKE'S BAY	-0.3	7.1
2.5	Horowhenua District	0.8		10.2	1.6	WELLINGTON	-0.1	8.1
2.5	Wellington City	0.8	1 STDEV	30.0	1.5	TASMAN NELSON MARLBOROUGH	-0.1	6.9
2.4	Rotorua District	0.7		16.2	0.8	WEST COAST	-0.9	1.3
2.3	Upper Hutt City	0.6		5.6	1.7	CANTERBURY	0.0	16.6
2.3	Opotiki District	0.6		2.8	2.2	OTAGO	0.5	12.0
2.3	Manawatu District	0.6		9.0	2.2	SOUTHLAND	0.5	9.3
2.3	Ashburton District	0.6		9.6				
2.2	Gisborne District	0.5		9.8	Standard deviation	0.4		
2.2	Wanganui District	0.5	0.5 STDEV	6.4	Mean	1.7		
2.1	Central Otago District	0.4		5.4				
2.0	Waipa District	0.3		11.4				
2.0	Nelson City	0.3		7.2				
1.9	Waitaki District	0.2		7.0				
1.9	Hastings District	0.2		16.0				
1.9	Napier City	0.2		8.6				
1.9	South Taranaki District	0.2		5.0				
1.9	Selwyn District	0.2		12.8				
1.8	Waimakariri District	0.1		8.6				
1.8	Tararua District	0.1		4.8				
1.8	Southland District	0.1		10.4				
1.7	South Waikato District	0.0		7.0				
1.6	Urban West	0.0		16.4				
1.6	Rural South	0.0		13.8				
1.6	Taupo District	-0.1	Mean	10.0				
1.6	Matamata-Piako District	-0.1	1.7	8.6				
1.6	Masterton District	-0.1		3.6				
1.6	Urban South	-0.1		48.6				
1.6	Kapiti Coast District	-0.1		7.2				
1.5	Rangitikei District	-0.2		4.0				
1.5	Western Bay Of Plenty District	-0.2		8.0				
1.5	Kawerau District	-0.2		0.2				
1.4	Stratford District	-0.2		1.8				
1.4	Urban Central	-0.3		68.4				
1.4	Marlborough District	-0.3		7.2				
1.4	Tauranga City	-0.3		13.8				
1.4	Kaipara District	-0.3		3.8				
1.4	Far North District	-0.3		9.6				
1.3	Grey District	-0.4		2.2				
1.3	Porirua City	-0.4		5.8				
1.3	Hutt City	-0.4		10.6				
1.3	Clutha District	-0.4		4.2				
1.3	Whakatane District	-0.4		5.2				
1.3	Whangarei District	-0.4		11.6				
1.2	Waikato District	-0.5		15.2				
1.2	Tasman District	-0.5		6.2				
1.2	Queenstown-Lakes District	-0.5		5.0				
1.2	Ruapehu District	-0.5		3.0				
1.2	South Wairarapa District	-0.5		1.0				
1.2	Wairoa District	-0.5		1.6				
1.2	Urban North	-0.5		20.8				
1.1	Thames-Coromandel District	-0.5		4.2				
1.0	Hauraki District	-0.7		3.2				
1.0	Kaikoura District	-0.7		1.2				
0.9	Gore District	-0.7		2.4				
0.9	Carterton District	-0.7		1.2				
0.9	Rural North	-0.8		13.6				
0.7	Mackenzie District	-1.0		0.8				
0.7	Otorohanga District	-1.0		1.0				
0.6	Central Hawkes Bay District	-1.1		2.2				
0.6	Waimate District	-1.1		0.6				
0.6	Buller District	-1.1		1.0				
0.5	Hurunui District	-1.2		2.0				
0.4	Westland District	-1.3		0.8				
	Gulf Islands			0.0				
	Chatham Islands			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	VAR	2.7	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S
16.1	Kawerau District	10.8		0.8	7.2	NORTHLAND	28.8
15.3	Wairoa District	9.9	3 STDEV	14.6	1.8	AUCKLAND	17.3
9.8	Kaipara District	4.5	2 STDEV	19.2	6.1	WAIKATO	20.2
9.5	Grey District	4.1		8.8	7.1	BAY OF PLENTY	13.4
9.0	Opotiki District	3.6		10.8	5.9	TARANAKI	5.7
8.6	Stratford District	3.3		7.6	5.0	MANAWATU WANGANUI	12.8
8.3	Thames-Coromandel District	2.9		15.6	8.2	GISBORNE	18.8
8.2	Gisborne District	2.9		18.8	7.9	HAWKE'S BAY	15.5
8.1	Ruapehu District	2.8	1 STDEV	17.6	3.7	WELLINGTON	6.0
7.7	Waikato District	2.3		13.2	4.8	TASMAN NELSON MARLBOROUGH	15.5
7.5	South Wairarapa District	2.1		8.4	7.8	WEST COAST	11.1
7.5	Westland District	2.1		14.4	4.7	CANTERBURY	12.4
7.3	Hamilton City	1.9		6.6	5.8	OTAGO	16.7
7.2	Clutha District	1.9		18.2	4.7	SOUTHLAND	16.1
7.2	Kaikoura District	1.9		7.2			
6.8	South Waikato District	1.4	0.5 STDEV	20.0	Standard deviation	1.8	
6.6	Mackenzie District	1.2		7.2	Mean	5.7	
6.5	Buller District	1.1		10.0			
6.4	Southland District	1.0		39.2			
6.2	Far North District	0.9		38.4			
6.2	Otorohanga District	0.9		7.8			
6.2	Taranua District	0.8		16.4			
6.2	Central Otago District	0.8		16.6			
5.8	Queenstown-Lakes District	0.5		14.4			
5.8	Taupo District	0.5		31.2			
5.8	Central Hawkes Bay District	0.4		10.6			
5.7	Marlborough District	0.3		19.4			
5.6	Hurunui District	0.3		18.4			
5.6	Western Bay Of Plenty District	0.2		31.8			
5.6	Carterton District	0.2		4.4			
5.5	Whangarei District	0.1		28.8			
5.5	Waikato District	0.1	Mean	50.6			
5.5	Hastings District	0.1	5.4	30.2			
5.2	South Taranaki District	-0.1		12.2			
5.2	Matamata-Piako District	-0.1		24.8			
5.1	Dunedin City	-0.2		20.8			
5.1	Rotorua District	-0.2		19.0			
5.0	Napier City	-0.3		6.4			
4.7	Masterton District	-0.7		4.6			
4.6	Nelson City	-0.7		5.2			
4.6	Whakatane District	-0.8		14.4			
4.5	Wanganui District	-0.8		5.4			
4.5	Waimate District	-0.9		6.4			
4.5	Ashburton District	-0.9		14.0			
4.5	Waimakariri District	-0.9		14.4			
4.5	Waitaki District	-0.9		13.4			
4.4	Hauraki District	-0.9		15.2			
4.4	Horowhenua District	-1.0		14.4			
4.2	Tasman District	-1.2		22.0			
4.1	Palmerston North City	-1.3		7.8			
4.1	Rangitikei District	-1.3		12.0			
4.0	Gore District	-1.3		5.2			
3.9	Upper Hutt City	-1.4		5.0			
3.9	New Plymouth District	-1.5		14.6			
3.8	Invercargill City	-1.6		4.0			
3.8	Selwyn District	-1.6		21.6			
3.6	Manawatu District	-1.7		16.2			
3.3	Waipa District	-2.0		16.8			
3.2	Kapiti Coast District	-2.2		8.6			
3.1	Rural South	-2.3		29.4			
3.1	Christchurch City	-2.3		15.8			
2.9	Rural North	-2.5		37.8			
2.4	Tauranga City	-3.0		3.4			
2.3	Porirua City	-3.1		6.4			
2.2	Timaru District	-3.2		6.8			
1.6	Urban West	-3.8		7.6			
1.3	Urban North	-4.1		9.0			
1.3	Urban South	-4.1		11.4			
1.3	Wellington City	-4.1		6.0			
1.3	Hutt City	-4.1		4.6			
0.4	Urban Central	-5.0		7.6			
	Gulf Islands			0.8			
	Chatham Islands			0.6			

Communities at Risk Register

MOTORCYCLISTS					MOTORCYCLISTS				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK		VRU	COLLECTIVE RISK	
D&S/Mhrs	Territorial Authority	VAR	0.4	5yr AVG D&S	D&S/Mhrs	Road Safety Regions	avgVAR	5yr AVG D&S	
3.3	Christchurch City	2.9	3 STDEV	42.2	0.3	NORTHLAND	-0.1	6.3	
1.9	Wellington City	1.5	2 STDEV	16.2	0.4	AUCKLAND	0.0	14.3	
0.9	Dunedin City	0.5		13.0	0.3	WAIKATO	-0.1	6.7	
0.9	Urban Central	0.5	1 STDEV	29.4	0.3	BAY OF PLENTY	-0.2	5.5	
0.8	Waikato District	0.3		14.8	0.5	TARANAKI	0.0	2.9	
0.8	Hutt City	0.3		6.0	0.4	MANAWATU WANGANUI	0.0	5.4	
0.7	New Plymouth District	0.3		10.2	0.3	GISBORNE	-0.1	3.8	
0.7	Hastings District	0.3		10.0	0.3	HAWKE'S BAY	-0.1	5.0	
0.7	Tasman District	0.2		9.6	0.7	WELLINGTON	0.2	5.5	
0.7	Kapiti Coast District	0.2		5.2	0.5	TASMAN NELSON MARBOROUGH	0.1	7.1	
0.6	Wanganui District	0.2		6.8	0.3	WEST COAST	-0.2	3.9	
0.6	Selwyn District	0.2		7.6	0.6	CANTERBURY	0.2	8.0	
0.6	Southland District	0.1		8.2	0.5	OTAGO	0.0	6.1	
0.6	Tauranga City	0.1		11.2	0.3	SOUTHLAND	-0.1	5.1	
0.6	Palmerston North City	0.1		9.2					
0.5	Hamilton City	0.1		11.0	Standard deviation	0.4			
0.5	Porirua City	0.1		3.8	Mean	0.1			
0.5	Marlborough District	0.1	0.5 STDEV	6.8					
0.5	Central Otago District	0.0		5.2					
0.5	South Wairarapa District	0.0		3.8					
0.5	Masterton District	0.0		3.6					
0.4	Western Bay Of Plenty District	0.0	Mean	8.4					
0.4	Ashburton District	0.0	0.4	5.0					
0.4	Thames-Coromandel District	0.0		7.6					
0.4	Manawatu District	0.0		5.2					
0.4	Ruapehu District	0.0		3.8					
0.4	Invercargill City	0.0		5.8					
0.4	Taupo District	0.0		9.8					
0.4	South Taranaki District	0.0		4.4					
0.4	Urban South	0.0		13.6					
0.4	Rural North	0.0		12.6					
0.4	Upper Hutt City	-0.1		3.6					
0.4	Horowhenua District	-0.1		5.4					
0.4	Matamata-Piako District	-0.1		7.4					
0.4	Urban North	-0.1		11.2					
0.4	Far North District	-0.1		7.4					
0.3	Queenstown-Lakes District	-0.1		5.2					
0.3	Hurunui District	-0.1		4.2					
0.3	Nelson City	-0.1		4.8					
0.3	Taranaki District	-0.1		4.2					
0.3	Westland District	-0.1		4.4					
0.3	Napier City	-0.1		5.2					
0.3	Urban West	-0.1		9.8					
0.3	Whangarei District	-0.1		6.6					
0.3	Gisborne District	-0.1		3.8					
0.3	Buller District	-0.1		4.2					
0.3	Clutha District	-0.1		4.0					
0.3	Waimate District	-0.2		3.0					
0.3	Rotorua District	-0.2		5.6					
0.3	Kaipara District	-0.2		5.0					
0.3	Rangitikei District	-0.2		3.0					
0.3	Waitaki District	-0.2		3.2					
0.3	Stratford District	-0.2		2.8					
0.2	Rural South	-0.2		8.6					
0.2	Grey District	-0.2		3.2					
0.2	Hauraki District	-0.2		5.0					
0.2	Kaikoura District	-0.2		3.0					
0.2	Waimakariri District	-0.2		3.0					
0.2	Central Hawkes Bay District	-0.2		3.0					
0.2	Whakatane District	-0.2		4.6					
0.2	Carterton District	-0.3		1.6					
0.2	Wairoa District	-0.3		1.8					
0.2	Waipa District	-0.3		3.4					
0.2	Timaru District	-0.3		2.6					
0.2	Opotiki District	-0.3		2.8					
0.1	South Waikato District	-0.3		3.6					
0.1	Mackenzie District	-0.3		1.2					
0.1	Otorohanga District	-0.3		2.8					
0.1	Waitomo District	-0.3		2.0					
0.1	Gore District	-0.4		1.2					
0.0	Kawerau District	-0.4		0.2					
	Gulf Islands			0.4					
	Chatham Islands			0.2					

Communities at Risk Register

CYCLISTS				CYCLISTS				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK	VRU	COLLECTIVE RISK	
D&S/Mhrs	Territorial Authority	VAR	1.4	5yr AVG D&S	D&S/Mhrs	Road Safety Regions	avgVAR	5yr AVG D&S
7.7	Wellington City	6.8		16.2	0.4	NORTHLAND	-0.4	1.3
6.4	Urban Central	5.6	3 STDEV	17.6	2.3	AUCKLAND	1.5	6.1
5.9	Christchurch City	5.1	2 STDEV	36.8	0.5	WAIKATO	-0.3	1.9
3.0	Urban North	2.1		7.2	0.5	BAY OF PLENTY	-0.3	2.0
2.7	Dunedin City	1.9		8.8	0.7	TARANAKI	-0.2	0.7
2.5	Urban South	1.7		6.6	0.5	MANAWATU WANGANUI	-0.3	1.2
2.4	Hamilton City	1.6	1 STDEV	9.2	0.2	GISBORNE	-0.6	1.0
2.0	Hastings District	1.2		5.0	0.8	HAWKE'S BAY	-0.2	1.9
1.9	New Plymouth District	1.1		4.2	1.6	WELLINGTON	0.8	3.5
1.7	Palmerston North City	0.8		4.4	0.5	TASMAN NELSON MARBOROUGH	-0.3	2.1
1.6	Hutt City	0.8	0.5 STDEV	3.6	0.1	WEST COAST	-0.7	0.3
1.3	Tauranga City	0.5		5.2	0.7	CANTERBURY	-0.1	4.7
1.3	Nelson City	0.5		3.8	0.8	OTAGO	0.0	2.7
1.2	Kapiti Coast District	0.3		2.6	0.3	SOUTHLAND	-0.5	1.1
1.1	Urban West	0.3		2.8				
1.1	Rotorua District	0.2		4.2	Standard deviation	0.6		
1.0	Porirua City	0.1		2.4	Mean	0.7		
0.9	Napier City	0.1		2.4				
0.9	Upper Hutt City	0.1		2.4				
0.8	Invercargill City	0.0		3.2				
0.8	Wanganui District	0.0		1.6				
0.8	Taupo District	0.0		3.0				
0.7	Whangarei District	-0.1		2.6				
0.6	Queenstown-Lakes District	-0.2		2.2				
0.6	Rural North	-0.3		1.4				
0.5	Thames-Coromandel District	-0.3		1.8				
0.5	Waipa District	-0.4		1.6				
0.4	Rural South	-0.4		1.0				
0.4	Far North District	-0.5		1.0				
0.3	Matamata-Piako District	-0.5		1.2				
0.3	Western Bay Of Plenty District	-0.5		1.4				
0.3	Horowhenua District	-0.5	Mean	0.8				
0.3	Timaru District	-0.5	0.8	2.2				
0.3	Central Otago District	-0.5		0.8				
0.3	Whakatane District	-0.5		1.0				
0.3	Waikato District	-0.5		1.2				
0.2	Waikato District	-0.6		1.8				
0.2	Gisborne District	-0.6		1.0				
0.2	Waimakariri District	-0.6		1.4				
0.2	Manawatu District	-0.6		0.8				
0.2	Marlborough District	-0.6		1.0				
0.2	Rangitikei District	-0.6		0.4				
0.2	Hauraki District	-0.6		0.8				
0.1	Carterton District	-0.7		0.2				
0.1	Tasman District	-0.7		1.6				
0.1	Taranua District	-0.7		0.4				
0.1	Masterton District	-0.7		0.6				
0.1	Selwyn District	-0.7		0.8				
0.1	Buller District	-0.7		0.4				
0.1	Kaipara District	-0.7		0.4				
0.1	South Taranaki District	-0.7		0.2				
0.1	Wairoa District	-0.7		0.2				
0.1	South Waikato District	-0.7		0.2				
0.1	Waimate District	-0.7		0.4				
0.1	Westland District	-0.8		0.2				
0.1	Ruapehu District	-0.8		0.2				
0.1	Hurunui District	-0.8		0.8				
0.0	Grey District	-0.8		0.2				
0.0	Ashburton District	-0.8		0.2				
0.0	Otorohanga District	-0.8		0.2				
0.0	Central Hawkes Bay District	-0.8		0.0				
0.0	Clutha District	-0.8		0.0				
0.0	Gore District	-0.8		0.0				
0.0	Kaikoura District	-0.8		0.0				
0.0	Kawerau District	-0.8		0.0				
0.0	Mackenzie District	-0.8		0.0				
0.0	Opotiki District	-0.8		0.0				
0.0	South Wairarapa District	-0.8		0.0				
0.0	Southland District	-0.8		0.0				
0.0	Stratford District	-0.8		0.0				
0.0	Waitomo District	-0.8		0.0				
	Gulf Islands			0.0				
	Chatham Islands			0.0				

Communities at Risk Register

PEDESTRIANS					PEDESTRIANS				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK			COLLECTIVE RISK	
D&S/Mhrs	Territorial Authority	VAR	0.2	5yr AVG D&S	D&S/Mhrs	Road Safety Regions	avgVAR	5yr AVG D&S	
1.1	Christchurch City	1.0		33.4	0.1	NORTHLAND	0.0	2.9	
0.7	Wellington City	0.6		21.6	0.2	AUCKLAND	0.1	13.6	
0.7	Dunedin City	0.5	3 STDEV	17.0	0.1	WAIKATO	0.0	2.7	
0.4	Urban Central	0.3	2 STDEV	33.6	0.1	BAY OF PLENTY	0.0	3.4	
0.4	Hamilton City	0.2	1 STDEV	11.2	0.1	TARANAKI	0.0	1.1	
0.3	Urban South	0.1		22.0	0.1	MANAWATU WANGANUI	0.0	1.8	
0.3	Tauranga City	0.1	0.5 STDEV	7.8	0.2	GISBORNE	0.0	2.8	
0.2	New Plymouth District	0.1		4.0	0.1	HAWKE'S BAY	0.0	1.9	
0.2	Invercargill City	0.1		4.4	0.1	WELLINGTON	0.0	4.9	
0.2	Napier City	0.1		3.4	0.1	TASMAN NELSON MARBOROUGH	0.0	2.5	
0.2	Palmerston North City	0.1		3.6	0.0	WEST COAST	-0.1	1.0	
0.2	Nelson City	0.1		4.8	0.2	CANTERBURY	0.0	4.6	
0.2	Rotorua District	0.1		5.4	0.2	OTAGO	0.1	4.9	
0.2	Hutt City	0.1		6.4	0.1	SOUTHLAND	0.0	1.9	
0.2	Hastings District	0.0		3.4					
0.2	Gisborne District	0.0		2.8	Standard deviation	0.0			
0.1	Horowhenua District	0.0		2.6	Mean	0.1			
0.1	Wanganui District	0.0		2.4					
0.1	Urban North	0.0	Mean	11.0					
0.1	Far North District	0.0	0.1	3.8					
0.1	Waipa District	0.0		3.4					
0.1	Whangarei District	0.0		3.8					
0.1	Urban West	0.0		8.4					
0.1	Queenstown-Lakes District	0.0		2.6					
0.1	Porirua City	0.0		3.4					
0.1	Western Bay Of Plenty District	0.0		2.8					
0.1	Waikato District	0.0		2.8					
0.1	Timaru District	0.0		2.8					
0.1	South Taranaki District	0.0		1.6					
0.1	Whakatane District	0.0		2.8					
0.1	Upper Hutt City	0.0		2.8					
0.1	Manawatu District	0.0		1.8					
0.1	Waikato District	-0.1		2.2					
0.1	Kapiti Coast District	-0.1		2.0					
0.1	Thames-Coromandel District	-0.1		2.4					
0.1	Taranua District	-0.1		1.2					
0.1	Waimakariri District	-0.1		1.8					
0.1	Marlborough District	-0.1		1.6					
0.1	Tasman District	-0.1		1.2					
0.1	Clutha District	-0.1		1.4					
0.1	Buller District	-0.1		1.2					
0.1	Matamata-Piako District	-0.1		1.8					
0.1	South Waikato District	-0.1		2.0					
0.1	Taupo District	-0.1		1.6					
0.1	Rural North	-0.1		3.6					
0.0	Grey District	-0.1		1.0					
0.0	Selwyn District	-0.1		1.0					
0.0	Central Otago District	-0.1		1.2					
0.0	Rural South	-0.1		3.0					
0.0	Ashburton District	-0.1		1.2					
0.0	Stratford District	-0.1		0.8					
0.0	South Wairarapa District	-0.1		0.8					
0.0	Opoitiki District	-0.1		1.2					
0.0	Kaipara District	-0.1		1.0					
0.0	Westland District	-0.1		0.8					
0.0	Hauraki District	-0.1		1.2					
0.0	Ruapehu District	-0.1		0.4					
0.0	Southland District	-0.1		0.6					
0.0	Masteron District	-0.1		1.4					
0.0	Gore District	-0.1		0.8					
0.0	Rangitikei District	-0.1		0.8					
0.0	Central Hawkes Bay District	-0.1		0.4					
0.0	Waimate District	-0.1		0.4					
0.0	Otorohanga District	-0.1		0.6					
0.0	Wairoa District	-0.1		0.4					
0.0	Kawerau District	-0.1		0.2					
0.0	Waitomo District	-0.1		0.4					
0.0	Kaikoura District	-0.1		0.2					
0.0	Carterton District	-0.1		0.4					
0.0	Hurunui District	-0.1		0.2					
0.0	Mackenzie District	-0.1		0.0					
	Gulf Islands			0.0					
	Chatham Islands			0.0					

Communities at Risk Register

DISTRACTION					DISTRACTION				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK				COLLECTIVE RISK
D&S/100MVKT	Territorial Authority	VAR	0.6	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	avgVAR		5yr AVG D&S
4.4	Kawerau District	3.6	3 STDEV	0.8	0.6	NORTHLAND	-0.2		3.3
2.4	Opotiki District	1.6	2 STDEV	2.6	0.5	AUCKLAND	-0.3		7.6
1.5	Westland District	0.7		3.0	0.8	WAIKATO	0.0		4.0
1.4	Waimakariri District	0.6	1 STDEV	5.4	1.7	BAY OF PLENTY	0.9		3.6
1.3	Napier City	0.5		5.2	0.7	TARANAKI	-0.1		1.1
1.3	Mackenzie District	0.5		1.6	0.7	MANAWATU WANGANUI	-0.1		3.0
1.3	Dunedin City	0.5		11.0	0.4	GISBORNE	-0.3		1.8
1.2	Whakatane District	0.4		4.2	0.9	HAWKE'S BAY	0.1		4.0
1.2	Hastings District	0.4		9.0	0.6	WELLINGTON	-0.2		2.4
1.1	Southland District	0.3		6.6	0.9	TASMAN NELSON MARLBOROUGH	0.1		4.0
1.1	Nelson City	0.3	0.5 STDEV	4.0	0.8	WEST COAST	0.0		1.5
1.0	Stratford District	0.2		1.0	0.7	CANTERBURY	0.0		4.2
1.0	Waikato District	0.2		10.4	0.8	OTAGO	0.0		4.3
1.0	Waimate District	0.2		1.4	0.8	SOUTHLAND	0.0		3.7
1.0	Matamata-Piako District	0.2		4.8					
1.0	Waitomo District	0.2		2.2	Standard deviation	0.3			
1.0	Upper Hutt City	0.2		2.4	Mean	0.8			
1.0	Marlborough District	0.2		4.4					
1.0	Wanganui District	0.2		3.0					
0.9	Rotorua District	0.1		5.2					
0.8	Hauraki District	0.1		3.0					
0.8	Rural South	0.0		6.8					
0.8	Rangitikei District	0.0		2.6					
0.8	Palmerston North City	0.0		5.4					
0.8	Otorohanga District	0.0	Mean	1.2					
0.8	South Waikato District	0.0	0.8	2.4					
0.8	Masterton District	0.0		1.8					
0.8	Gore District	0.0		1.6					
0.8	Central Otago District	0.0		3.2					
0.8	New Plymouth District	0.0		4.4					
0.8	Western Bay Of Plenty District	0.0		5.0					
0.8	Far North District	0.0		4.4					
0.7	Queenstown-Lakes District	0.0		3.0					
0.7	Ruapehu District	0.0		1.8					
0.7	Taupo District	-0.1		5.8					
0.7	Kaipara District	-0.1		2.2					
0.7	Waipa District	-0.1		3.4					
0.6	Wairoa District	-0.2		1.0					
0.6	Hurunui District	-0.2		2.8					
0.6	Grey District	-0.2		0.8					
0.6	Selwyn District	-0.2		4.8					
0.6	Tasman District	-0.2		3.6					
0.6	Waitaki District	-0.2		2.8					
0.6	Hamilton City	-0.2		5.8					
0.6	Timaru District	-0.2		2.6					
0.6	Taranua District	-0.2		2.6					
0.6	Urban West	-0.2		5.2					
0.6	Christchurch City	-0.2		16.4					
0.5	Ashburton District	-0.2		2.2					
0.5	Invercargill City	-0.3		3.0					
0.5	Manawatu District	-0.3		3.2					
0.5	Clutha District	-0.3		1.4					
0.5	Carterton District	-0.3		0.8					
0.5	Tauranga City	-0.3		3.6					
0.5	Porirua City	-0.3		2.2					
0.5	South Wairarapa District	-0.3		0.6					
0.5	Thames-Coromandel District	-0.3		1.2					
0.5	Kapiti Coast District	-0.3		2.0					
0.4	Gisborne District	-0.3		1.8					
0.4	Urban South	-0.4		11.8					
0.4	Wellington City	-0.4		6.2					
0.4	Urban North	-0.4		7.0					
0.4	Central Hawkes Bay District	-0.4		0.8					
0.4	Horowhenua District	-0.4		2.6					
0.4	Rural North	-0.4		5.6					
0.3	Hutt City	-0.5		2.8					
0.3	Buller District	-0.5		0.8					
0.3	South Taranaki District	-0.5		1.4					
0.3	Whangarei District	-0.5		3.4					
0.2	Urban Central	-0.6		9.4					
0.1	Kaikoura District	-0.7		0.2					
	Gulf Islands			0.0					
	Chatham Islands			0.0					

Communities at Risk Register

FATIGUE					FATIGUE				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK			COLLECTIVE RISK	
D&S/100MVKT	Territorial Authority	VAR	0.5	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	avgVAR	5yr AVG D&S	
2.6	Wairoa District	1.9	3 STDEV	3.0	0.9	NORTHLAND	0.2	5.4	
1.9	Mackenzie District	1.2		2.2	0.2	AUCKLAND	-0.5	5.0	
1.8	Kaikoura District	1.1	2 STDEV	1.2	0.7	WAIKATO	0.0	3.9	
1.7	Rangitikei District	1.0		5.2	0.6	BAY OF PLENTY	-0.1	2.7	
1.6	South Waikato District	0.9		5.8	0.9	TARANAKI	0.2	1.2	
1.5	South Taranaki District	0.8		4.2	1.0	MANAWATU WANGANUI	0.2	3.3	
1.5	Ruapehu District	0.8		3.8	0.8	GISBORNE	0.1	4.0	
1.4	Central Hawkes Bay District	0.7		2.6	0.9	HAWKE'S BAY	0.5	3.8	
1.3	Taranua District	0.6		3.8	0.4	WELLINGTON	-0.3	1.5	
1.3	Grey District	0.6	1 STDEV	1.4	0.5	TASMAN NELSON MARLBOROUGH	-0.2	2.5	
1.2	Westland District	0.5		3.2	0.9	WEST COAST	0.2	1.7	
1.2	Opotiki District	0.4		2.0	0.9	CANTERBURY	0.2	2.8	
1.1	Stratford District	0.4		1.2	0.6	OTAGO	-0.1	2.7	
1.1	Waimate District	0.3		1.8	0.4	SOUTHLAND	-0.3	2.0	
1.0	Western Bay Of Plenty District	0.3		6.8					
1.0	Kaipara District	0.3		3.0	Standard deviation	0.2			
1.0	Far North District	0.3		7.0	Mean	0.7			
1.0	Waikato District	0.3		11.2					
1.0	Hastings District	0.3		9.0					
1.0	Central Otago District	0.3	0.5 STDEV	2.6					
0.9	Hurunui District	0.2		3.2					
0.9	Manawatu District	0.2		3.6					
0.9	Thames-Coromandel District	0.1		2.2					
0.8	Gisborne District	0.1		4.0					
0.8	South Wairarapa District	0.1		1.4					
0.8	Hauraki District	0.1		3.0					
0.8	Matamata-Piako District	0.0		4.0					
0.7	Whangarei District	0.0		6.2					
0.7	Masterton District	0.0	Mean	1.6					
0.7	Taupo District	0.0	0.7	4.8					
0.7	Dunedin City	0.0		5.8					
0.7	Selwyn District	0.0		4.4					
0.7	Wanganui District	0.0		2.4					
0.6	Marlborough District	-0.1		2.6					
0.6	Southland District	-0.1		5.0					
0.6	Waipa District	-0.1		4.6					
0.6	Tasman District	-0.1		3.6					
0.6	Waitomo District	-0.1		1.4					
0.5	Rotorua District	-0.2		3.4					
0.5	Clutha District	-0.2		1.6					
0.5	Whakatane District	-0.2		2.4					
0.5	Queenstown-Lakes District	-0.2		1.4					
0.5	Waimakariri District	-0.2		2.0					
0.5	Waitaki District	-0.3		2.0					
0.5	Palmerston North City	-0.3		2.4					
0.4	Porirua City	-0.3		2.4					
0.4	Rural South	-0.3		4.2					
0.4	Carterton District	-0.3		0.4					
0.4	Otorohanga District	-0.3		0.6					
0.4	Ashburton District	-0.3		1.8					
0.4	Gore District	-0.3		0.4					
0.4	Horowhenua District	-0.4		1.8					
0.4	Timaru District	-0.4		2.2					
0.3	Kawerau District	-0.4		0.2					
0.3	Urban South	-0.4		8.4					
0.3	Rural North	-0.4		5.6					
0.3	Buller District	-0.4		0.4					
0.3	Upper Hutt City	-0.5		0.6					
0.3	Nelson City	-0.5		1.2					
0.2	Kapiti Coast District	-0.5		1.2					
0.2	Wellington City	-0.5		2.6					
0.2	New Plymouth District	-0.5		1.8					
0.2	Christchurch City	-0.5		6.0					
0.2	Invercargill City	-0.5		0.6					
0.2	Urban Central	-0.5		9.0					
0.2	Hutt City	-0.6		1.6					
0.2	Hamilton City	-0.6		1.2					
0.2	Urban West	-0.6		1.6					
0.1	Tauranga City	-0.6		1.2					
0.1	Urban North	-0.6		1.4					
0.1	Napier City	-0.6		0.4					
	Gulf Islands			0.0					
	Chatham Islands			0.0					

OLDER ROAD USERS person aged 75year+				OLDER ROAD USERS person aged 75year+				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK	
D&S/100MVKT	Territorial Authority	VAR	6.0	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	5yr AVG D&S	
			3 STDEV				avgVAR	
41.9	Kawerau District	32.8	2 STDEV	0.4	7.7	NORTHLAND	-1.4	3.3
19.5	Mackenzie District	10.4		0.8	6.3	AUCKLAND	-2.8	5.8
18.8	Dunedin City	9.7		11.4	10.2	WAIKATO	1.1	2.8
18.1	Clutha District	9.0		2.6	15.7	BAY OF PLENTY	6.6	2.5
15.5	Rotorua District	6.4		4.4	9.2	TARANAKI	0.1	1.2
15.4	Kapiti Coast District	6.3		2.8	8.9	MANAWATU WANGANUI	0.1	2.1
15.3	Napier City	6.2		4.2	6.4	GISBORNE	-2.7	2.2
15.2	Upper Hutt City	6.1	1 STDEV	2.2	6.9	HAWKE'S BAY	-2.3	2.5
14.2	Otorohanga District	5.1		0.8	8.1	WELLINGTON	-1.0	2.0
14.0	Waikato District	4.9		6.2	7.2	TASMAN NELSON MARLBOROUGH	-1.9	2.1
14.0	Horowhenua District	4.9		5.0	5.8	WEST COAST	-3.3	0.6
13.5	Hurunui District	4.4		2.6	9.5	CANTERBURY	0.4	4.3
13.5	Christchurch City	4.4		24.8	11.3	OTAGO	2.2	3.9
13.4	Western Bay Of Plenty District	4.3		4.8	6.7	SOUTHLAND	-2.4	2.1
12.8	Taupo District	3.6		5.0				
12.7	Invercargill City	3.6		3.2	Standard deviation	2.6		
12.3	Whangarei District	3.2		6.4	Mean	8.6		
12.3	South Taranaki District	3.2	0.5 STDEV	2.2				
12.0	Waitomo District	2.9		1.2				
11.4	Westland District	2.3		1.0				
11.2	Selwyn District	2.1		3.2				
11.1	Whakatane District	2.0		1.8				
11.0	Porirua City	1.9		1.8				
10.9	Hastings District	1.8		5.4				
10.6	South Waikato District	1.5		1.4				
10.4	New Plymouth District	1.3		4.4				
10.4	Wanganui District	1.3		2.6				
10.1	Wellington City	1.0		5.8				
9.9	Waimakariri District	0.8		2.4				
9.9	Hamilton City	0.8	Mean	4.2				
9.3	Waikato District	0.2	9.1	3.6				
8.7	Nelson City	-0.4		2.6				
8.6	Ruapehu District	-0.5		1.2				
8.6	Matamata-Piako District	-0.6		3.2				
8.5	Thames-Coromandel District	-0.6		2.0				
8.5	Palmerston North City	-0.6		2.0				
8.3	Rural South	-0.9		3.4				
8.1	Manawatu District	-1.0		1.6				
7.9	Opotiki District	-1.2		0.6				
7.7	Urban North	-1.4		7.0				
7.2	Tasman District	-1.9		2.0				
7.2	Far North District	-1.9		2.4				
7.2	Rangitikei District	-1.9		1.6				
7.0	Queenstown-Lakes District	-2.1		1.0				
6.4	Gisborne District	-2.7		2.2				
6.4	Urban South	-2.7		6.4				
6.3	Ashburton District	-2.8		2.4				
6.3	Southland District	-2.8		2.6				
6.2	Waipa District	-2.9		2.4				
6.1	South Wairarapa District	-3.1		0.4				
5.8	Marlborough District	-3.4		1.8				
5.7	Urban West	-3.4		2.0				
5.6	Waimate District	-3.5		0.4				
5.5	Tararua District	-3.6		0.8				
5.1	Hauraki District	-4.0		1.4				
5.1	Urban Central	-4.0		11.0				
5.0	Stratford District	-4.1		0.6				
5.0	Timaru District	-4.1		1.8				
4.9	Rural North	-4.2		4.8				
4.5	Hutt City	-4.6		2.2				
4.1	Tauranga City	-5.0		3.2				
3.9	Grey District	-5.2		0.4				
3.6	Kaipara District	-5.5		1.2				
3.5	Central Otago District	-5.6		0.8				
2.2	Buller District	-6.9		0.4				
1.3	Masterton District	-7.8		0.2				
1.2	Central Hawkes Bay District	-7.9		0.2				
1.1	Carterton District	-8.0		0.2				
1.0	Kaikoura District	-8.1		0.2				
1.0	Gore District	-8.1		0.4				
0.0	Wairoa District	-9.1		0.0				
	Gulf Islands			0.0				
	Chatham Islands			0.0				

Communities at Risk Register

RESTRAINT USE				RESTRAINT USE				
PERSONAL RISK	Ranking		Standard deviation	COLLECTIVE RISK	PERSONAL RISK		COLLECTIVE RISK	
D&S/100MVKT	Territorial Authority	VAR	0.6	5yr AVG D&S	D&S/100MVKT	Road Safety Regions	avgVAR	5yr AVG D&S
3.3	Wairoa District	2.3		4.6	1.9	NORTHLAND	0.9	9.1
2.9	Kaipara District	1.9	3 STDEV	6.4	0.8	AUCKLAND	-0.2	13.9
2.8	South Wairarapa District	1.7		3.8	1.0	WAIKATO	-0.1	4.7
2.4	Stratford District	1.3		2.6	1.2	BAY OF PLENTY	0.2	3.9
2.4	Masterton District	1.3	2 STDEV	4.8	1.6	TARANAKI	0.6	2.4
2.1	Kawerau District	1.0		0.6	1.4	MANAWATU WANGANUI	0.1	5.0
2.0	Opotiki District	0.9		2.6	1.2	GISBORNE	0.2	5.2
1.9	Ruapehu District	0.8		4.0	1.7	HAWKE'S BAY	0.6	5.6
1.7	Far North District	0.7		12.0	1.4	WELLINGTON	0.3	5.5
1.7	Wanganui District	0.6	1 STDEV	5.0	1.0	TASMAN NELSON MARLBOROUGH	-0.1	5.8
1.6	Palmerston North City	0.6		9.6	0.6	WEST COAST	-0.5	0.9
1.5	Taranua District	0.4		4.8	0.5	CANTERBURY	-0.5	3.0
1.4	Whakatane District	0.3	0.5 STDEV	6.2	0.6	OTAGO	-0.5	2.6
1.4	Thames-Coromandel District	0.3		3.6	0.6	SOUTHLAND	-0.4	2.9
1.3	Tasman District	0.3		8.6				
1.3	Central Hawkes Bay District	0.3		2.8	Standard deviation	0.5		
1.3	South Taranaki District	0.2		4.0	Mean	1.1		
1.3	Urban West	0.2		11.4				
1.3	Upper Hutt City	0.2		4.0				
1.3	South Waikato District	0.2		4.4				
1.2	Hastings District	0.2		10.2				
1.2	Gisborne District	0.2		5.2				
1.2	Waitomo District	0.1		2.4				
1.2	Wellington City	0.1		16.0				
1.2	New Plymouth District	0.1		8.0				
1.2	Rural South	0.1		10.4				
1.2	Whangarei District	0.1	Mean	8.8				
1.2	Waikato District	0.1	1.1	12.4				
1.0	Horowhenua District	0.0		4.8				
1.0	Otorohanga District	-0.1		1.4				
1.0	Matamata-Piako District	-0.1		5.0				
1.0	Marlborough District	-0.1		5.2				
0.9	Carterton District	-0.1		0.8				
0.9	Taupo District	-0.1		6.4				
0.9	Manawatu District	-0.1		4.2				
0.9	Napier City	-0.2		4.8				
0.9	Kapiti Coast District	-0.2		4.8				
0.9	Hutt City	-0.2		6.4				
0.9	Rotorua District	-0.2		6.0				
0.9	Rangitikei District	-0.2		2.4				
0.8	Mackenzie District	-0.3		0.8				
0.8	Waimate District	-0.3		1.4				
0.8	Hauraki District	-0.3		2.8				
0.8	Southland District	-0.3		5.4				
0.7	Grey District	-0.3		0.8				
0.7	Nelson City	-0.3		3.6				
0.7	Western Bay Of Plenty District	-0.4		4.0				
0.7	Rural North	-0.4		10.6				
0.7	Waikato District	-0.4		2.2				
0.7	Porirua City	-0.4		3.2				
0.7	Central Otago District	-0.4		3.2				
0.7	Kaikoura District	-0.4		1.0				
0.7	Urban North	-0.4		10.0				
0.7	Gore District	-0.4		1.0				
0.6	Dunedin City	-0.5		4.6				
0.6	Urban South	-0.5		15.8				
0.6	Hamilton City	-0.5		5.4				
0.6	Urban Central	-0.5		24.2				
0.6	Timaru District	-0.5		2.4				
0.6	Buller District	-0.5		1.2				
0.5	Waipa District	-0.5		3.2				
0.5	Invercargill City	-0.6		2.4				
0.5	Clutha District	-0.6		1.8				
0.5	Queenstown-Lakes District	-0.6		1.2				
0.5	Hurunui District	-0.6		1.6				
0.4	Christchurch City	-0.6		13.4				
0.4	Waimakariri District	-0.7		2.0				
0.4	Tauranga City	-0.7		3.8				
0.4	Ashburton District	-0.7		2.0				
0.4	Westland District	-0.7		0.6				
0.4	Selwyn District	-0.7		2.4				
	Gulf Islands			0.8				
	Chatham Islands			0.2				