

**Communities at Risk Register**

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

**Introduction**

The Communities at Risk Register has been developed by the Transport Agency to identify communities of road users that are over-represented in terms of road safety risk. The register highlights personal risk to road users by ranking communities by local authority area based on the Safer Journeys areas of concern.

< <http://www.saferjourneys.govt.nz/> >

**Using the register**

The Communities at Risk Register highlights personal risk to road users. Personal risk is a count of deaths and serious injuries (DSI) divided by distance or time travelled. This is used to highlight areas where a crash is more likely to occur based on use of the road network. Because personal risk is not affected by population size, personal risk is one way of making crash measures comparable between local authorities.

The methodology includes an allowance for the trend in DSI over the last five years. This small adjustment, a third of one unit of Slope, differentiates those areas that are improving from those that aren't in addressing the level of present concern going forward.

Alongside these personal risk calculations are the average annual DSI counts based on the latest five year data (the collective risk at a local body level, regional level and national level). This is used to show the areas where the biggest difference can be made in terms of absolute numbers of deaths and serious injuries. Collective risk is affected by the population. This means that we would expect the collective risk for Wellington City to be higher than the collective risk for Kawerau District because more people live and travel in Wellington. Collective risk is calculated as the five year average yearly deaths and serious injuries, from 2012-2016. That is, total deaths and serious injuries over the five year period divided by five.

These are two ways to view risk and to identify concerns. Other sources of information should also be considered in addressing road safety. Individual Territorial Authorities (TAs) will then need to determine, through their road safety action planning, how this risk should be addressed, i.e. by taking into account the four safe systems pillars: safe roads and roadsides, safe users, safe speeds and safe vehicles.

Fourteen strategic areas of concern from Safer Journeys are presented; in ranking personal risk for each we have identified two groups of concern:

- **High concern** is assigned to communities with personal risk profiles greater than one standard deviation from the mean (1 STDEV)
- **Medium concern** is assigned to communities with personal risk profiles greater than half a standard deviation from the mean and below one standard deviation (0.5 STDEV)

Standard deviation is a descriptive statistic that is used to understand the distribution of a dataset. It is often reported in combination with the mean (or average), giving context to that statistic. Specifically, a standard deviation refers to how much scores in a dataset tend to spread-out from the mean. If the distribution is normal then 68% of TAs, in this case, will lie within 1 STDEV of the mean. Knowing this assists in identifying where there is a concern.

**Data sources and methodology**

The Communities at Risk Register uses fatal and serious injury crash data from CAS over the latest five year period, 2012-2016.

The latest five year annual average of death and serious injury (DSI) is the measure used throughout. Road user exposure to DSI through distance or time travelled relative to the specific Safer Journeys topic is then taken in to account.

The calculation of exposure to risk (death or serious injury) is based on 100 million vehicle kilometres travelled (100MVKT) from the Road Assessment and Maintenance Management system (RAMM) and, for active road users (cyclists and pedestrians) millions of hours of travel (MHrs) from the Ministry of Transport's (MoT) ongoing Household Travel Survey.

VKT data is reported to the Transport Agency annually by TAs. It is used here by speed zones (rural, zones posted greater than 70Km/hr and urban, zones posted less than 80Km/hr) to allocate use for intersections and loss of control crashes. While for motorcyclists the MoT estimate of 1% of VKT is used.

MoT's cyclist and pedestrian regional estimates of time travelled are distributed by local population estimates from Statistics NZ (StatsNZ) to give a local level calculation of hours of travel.















For the subset of young drivers (aged 16 – 24 years) of light vehicles, licence counts from the Transport Agency's Drivers Licence Register (DLR) have been used. The number of licensed young drivers locally and regionally as a proportion of all drivers locally has been used to allocate VKT use.

For the subset older road users, those persons over 74 years of age, the proportion of local population that they account for, using current estimates from Statistics NZ census results, has been used to allocate VKT as a measure of exposure.

For the subset motorcyclists, the MoT estimate of 1% of total VKT has been used across all local bodies.

As a topic Trucks is a medium strategic concern but has not been included in the register because there is limited specific VKT data available at a local body level from which to derive a risk profile.

**Overview**

	All deaths & serious casualties	1
<b>High strategic priority</b>		
	Young drivers (of light vehicles aged 16-24yrs)	2
	Alcohol & drugs	3
	Speed (too fast for conditions)	4
	Urban intersections (subset of roads & roadsides)	5
	Rural intersections (subset of roads & roadsides)	6
	All Intersections (subset of roads & roadsides)	7
	Rural roads (loss of control & head-on - subset of roads & roadsides)	8
	Motorcyclists (crashes involving motorcycles & mopeds)	9
<b>Medium strategic priority</b>		
	Cyclists	10
	Pedestrians	11
	Distraction (attention diverted)	12
	Fatigue	13
<b>Emerging strategic priority</b>		
	Older road users (aged 75yrs and over)	14
	Restraints (seatbelt not worn)	15

# All deaths and serious casualties

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
13	Kaipara District		29	10	NORTHLAND	156
12	Wairoa District		16	5	AUCKLAND	532
11	Opotiki District		14	7	WAIKATO	336
11	Kawerau District		3	8	BAY OF PLENTY	167
11	Dunedin City		90	7	TARANAKI	69
10	Waitomo District		21	7	MANAWATU WANGANUI	168
10	Buller District		15	8	GISBORNE	29
9	Far North District		65	8	HAWKE'S BAY	100
9	Clutha District	1 STDEV	27	5	WELLINGTON	170
9	Western Bay Of Plenty District		49	6	TASMAN NELSON MARLBOROUGH	76
8	Whangarei District		62	8	WEST COAST	41
8	Ruapehu District		19	5	CANTERBURY	349
8	South Taranaki District		25	8	OTAGO	200
8	Waitaki District		26	6	SOUTHLAND	77
8	Stratford District		9			
8	Manawatu District		31	6	NATIONAL	2472
8	Gisborne District	0.5 STDEV	29			
7	Taupo District		38			
7	Horowhenua District		26			
7	Southland District		48			
7	Queenstown-Lakes District		32			
7	Auckland Rural North		68			
7	Grey District		11			
7	Wanganui District		21			
7	Westland District		15			
7	Matamata-Piako District		38			
7	Masterton District		12			
7	Otorohanga District		9			
7	Hastings District		50			
7	Thames-Coromandel District		23			
6	Christchurch City	MEAN	185			
6	Palmerston North City		34			
6	Rotorua District		43			
6	Waipa District		35			
6	Central Hawkes Bay District		12			
6	Rangitikei District		19			
6	Kaikoura District		9			
6	Auckland Rural South		54			
6	Hurunui District		21			
6	South Waikato District		22			
6	Hauraki District		23			
6	Selwyn District		47			
6	Nelson City		22			
6	Tasman District		31			
6	Tararua District		17			
6	Waimate District		9			
6	Invercargill City		21			
6	South Wairarapa District		7			
6	Whakatane District		23			
6	Napier City		22			
6	Waikato District		80			
6	New Plymouth District		36			
6	Mackenzie District		8			
5	Waimakariri District		29			
5	Hutt City		32			
5	Marlborough District		23			
5	Hamilton City		48			
5	Upper Hutt City		13			
5	Carterton District		5			
5	Wellington City		61			
5	Kapiti Coast District		21			
5	Gore District		7			
4	Timaru District		21			
4	Central Otago District		24			
4	Auckland Urban West		45			
4	Auckland Urban Central		166			
4	Ashburton District		19			
4	Auckland Urban South		129			
4	Porirua City		18			
3	Tauranga City		34			
2	Auckland Urban North		66			
	Auckland Gulf Islands		3			
	Chatham Islands Council		0			



New Zealand Government



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

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
58	Kawerau District		1	30	NORTHLAND	42
40	Dunedin City		30	15	AUCKLAND	154
37	Kaipara District		8	22	WAIKATO	92
34	Carterton District		3	29	BAY OF PLENTY	50
34	Opotiki District		3	20	TARANAKI	18
33	Southland District		18	21	MANAWATU WANGANUI	44
33	Western Bay Of Plenty District		17	17	GISBORNE	5
30	Clutha District		9	20	HAWKE'S BAY	25
29	Waitomo District		4	17	WELLINGTON	41
29	Far North District	1 STDEV	17	14	TASMAN NELSON MARLBOROUGH	17
26	South Taranaki District		8	17	WEST COAST	9
25	Taupo District		11	16	CANTERBURY	92
25	Horowhenua District		7	25	OTAGO	61
25	Palmerston North City		11	22	SOUTHLAND	26
25	Otorohanga District		3			
25	South Waikato District		8	18	NATIONAL	676
25	Auckland Rural North		22			
25	Whangarei District	0.5 STDEV	17			
24	Rotorua District		14			
23	Westland District		4			
23	Central Hawkes Bay District		4			
23	Wairoa District		3			
22	Thames-Coromandel District		7			
22	Matamata-Piako District		10			
22	Waipa District		11			
22	Invercargill City		6			
22	Waitaki District		7			
21	Rangitikei District		6			
21	Waimakariri District		11			
21	Manawatu District		7			
20	Auckland Rural South	MEAN	16			
20	Mackenzie District		3			
20	Queenstown-Lakes District		8			
20	Ruapehu District		4			
20	Christchurch City		49			
19	Wanganui District		5			
19	Hauraki District		6			
18	Whakatane District		7			
18	Kaikoura District		2			
18	Hastings District		12			
18	South Wairarapa District		2			
18	Masterton District		3			
17	Stratford District		2			
17	Selwyn District		12			
17	Napier City		6			
17	Upper Hutt City		4			
17	Gisborne District		5			
17	New Plymouth District		9			
16	Hamilton City		14			
16	Tararua District		4			
15	Hutt City		8			
15	Tasman District		8			
15	Timaru District		6			
15	Auckland Urban South		42			
14	Central Otago District		7			
14	Buller District		2			
14	Waikato District		18			
14	Marlborough District		6			
14	Waimate District		2			
13	Gore District		2			
12	Auckland Urban West		11			
12	Grey District		2			
12	Porirua City		5			
12	Kapiti Coast District		4			
11	Nelson City		4			
11	Auckland Urban Central		42			
10	Wellington City		11			
9	Tauranga City		8			
9	Ashburton District		4			
8	Auckland Urban North		21			
8	Hurunui District		3			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

# Alcohol and/or drugs

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
5	Kawerau District		1	3	NORTHLAND	48
5	Kaipara District		12	1	AUCKLAND	142
4	Wairoa District		6	2	WAIKATO	80
4	Opotiki District		4	3	BAY OF PLENTY	45
3	Far North District		22	1	TARANAKI	15
3	Masterton District		5	2	MANAWATU WANGANUI	38
3	Waimate District		4	3	GISBORNE	11
3	Gisborne District	1 STDEV	11	2	HAWKE'S BAY	27
3	Otorohanga District		3	1	WELLINGTON	36
2	Western Bay Of Plenty District		15	1	TASMAN NELSON MARLBOROUGH	13
2	South Taranaki District		8	2	WEST COAST	8
2	Southland District	0.5 STDEV	15	1	CANTERBURY	64
2	Manawatu District		9	2	OTAGO	39
2	Dunedin City		17	1	SOUTHLAND	20
2	Clutha District		6			
2	Auckland Rural North		20	1	NATIONAL	586
2	Auckland Rural South		17			
2	Wanganui District		6			
2	Buller District		3			
2	Whangarei District		14			
2	Carterton District		2			
2	Tararua District		5			
2	Queenstown-Lakes District		8			
2	Waipa District		9			
2	Hauraki District		7			
2	Taupo District		8			
2	Hastings District		13			
2	Central Hawkes Bay District		4			
2	Ruapehu District	MEAN	4			
2	Grey District		3			
2	Waikato District		23			
2	Rotorua District		10			
2	Waitomo District		3			
2	Thames-Coromandel District		5			
2	South Wairarapa District		2			
2	Whakatane District		6			
1	Matamata-Piako District		8			
1	Mackenzie District		2			
1	Hurunui District		5			
1	Auckland Urban West		13			
1	Hutt City		8			
1	Auckland Urban South		40			
1	Palmerston North City		6			
1	South Waikato District		4			
1	Selwyn District		9			
1	Napier City		5			
1	Upper Hutt City		3			
1	Waitaki District		4			
1	Invercargill City		4			
1	Kapiti Coast District		5			
1	Waimakariri District		6			
1	Rangitikei District		4			
1	Tasman District		5			
1	Westland District		2			
1	Christchurch City		28			
1	Hamilton City		9			
1	Gore District		1			
1	Ashburton District		5			
1	Marlborough District		5			
1	Horowhenua District		4			
1	New Plymouth District		6			
1	Tauranga City		8			
1	Auckland Urban Central		36			
1	Porirua City		4			
1	Timaru District		3			
1	Kaikoura District		1			
1	Central Otago District		4			
1	Stratford District		1			
1	Nelson City		2			
1	Wellington City		8			
1	Auckland Urban North		15			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			



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## Speed (too fast for the conditions)

2017 Register

PERSONAL RISK	Ranking	Standard Deviation	COLLECTIVE RISK	PERSONAL RISK	COLLECTIVE RISK	
DSI/100MVKT	Territorial Authority		5yr AVG DSI	DSI/100MVKT	5yr AVG DSI	
				Road Safety Regions		
5	Kaipara District		10	3	NORTHLAND	50
4	Wairoa District		6	1	AUCKLAND	122
3	Far North District		22	2	WAIKATO	82
3	Buller District		5	2	BAY OF PLENTY	36
3	Opotiki District		4	2	TARANAKI	17
3	Gisborne District		11	2	MANAWATU WANGANUI	36
3	Masterton District		4	3	GISBORNE	11
3	Waimate District	1 STDEV	4	2	HAWKE'S BAY	26
2	Waitomo District		5	1	WELLINGTON	46
2	Taupo District		11	1	TASMAN NELSON MARLBOROUGH	17
2	Westland District		5	2	WEST COAST	13
2	Whangarei District		18	1	CANTERBURY	58
2	Ruapehu District	0.5 STDEV	5	1	OTAGO	33
2	Kaikoura District		3	1	SOUTHLAND	15
2	Stratford District		2			
2	Grey District		3	1	NATIONAL	562
2	Queenstown-Lakes District		8			
2	Western Bay Of Plenty District		11			
2	Tararua District		6			
2	Wanganui District		5			
2	Hurunui District		6			
2	Thames-Coromandel District		7			
2	Auckland Rural South		16			
2	Otorohanga District		2			
2	Clutha District		6			
2	Hutt City		11			
2	Auckland Rural North		17			
2	South Taranaki District		6			
2	Matamata-Piako District	MEAN	9			
2	Kawerau District		0			
1	Carterton District		2			
1	Gore District		2			
1	Porirua City		7			
1	Hastings District		11			
1	Dunedin City		12			
1	Napier City		5			
1	Horowhenua District		5			
1	South Wairarapa District		2			
1	South Waikato District		6			
1	Hauraki District		6			
1	Auckland Urban West		14			
1	Whakatane District		6			
1	Tasman District		7			
1	Waikato District		19			
1	Manawatu District		5			
1	Rotorua District		9			
1	Central Hawkes Bay District		3			
1	Waipa District		8			
1	Southland District		10			
1	Palmerston North City		7			
1	Nelson City		5			
1	New Plymouth District		8			
1	Upper Hutt City		4			
1	Marlborough District		5			
1	Kapiti Coast District		5			
1	Waitaki District		4			
1	Selwyn District		9			
1	Hamilton City		10			
1	Auckland Urban South		33			
1	Invercargill City		3			
1	Rangitikei District		3			
1	Christchurch City		24			
1	Wellington City		11			
1	Waimakariri District		5			
1	Mackenzie District		1			
1	Ashburton District		4			
1	Tauranga City		6			
1	Auckland Urban Central		28			
1	Timaru District		3			
0	Central Otago District		3			
0	Auckland Urban North		14			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

## Urban intersections

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
7	Buller District		2	3	NORTHLAND	12
6	Dunedin City		30	2	AUCKLAND	159
6	Taupo District		4	3	WAIKATO	40
6	Westland District		1	3	BAY OF PLENTY	22
5	Matamata-Piako District		4	3	TARANAKI	10
5	Hauraki District		2	3	MANAWATU WANGANUI	26
5	Kawerau District	1 STDEV	1	2	GISBORNE	4
4	Horowhenua District		4	3	HAWKE'S BAY	13
4	South Taranaki District		3	2	WELLINGTON	46
4	Wairoa District		1	2	TASMAN NELSON MARLBOROUGH	12
4	Rangitikei District		1	5	WEST COAST	4
4	Waitomo District		1	2	CANTERBURY	92
4	Kaipara District		2	3	OTAGO	38
4	Tararua District		2	3	SOUTHLAND	12
4	Invercargill City		10			
4	Christchurch City		81	3	NATIONAL	488
4	South Waikato District		2			
3	Southland District	0.5 STDEV	2			
3	Waipa District		4			
3	Palmerston North City		12			
3	Western Bay Of Plenty District		2			
3	Wellington City		24			
3	Wanganui District		6			
3	Kaikoura District		1			
3	Grey District		2			
3	Waimate District		0			
3	Nelson City		7			
3	Clutha District		1			
3	Waitaki District		2			
3	Auckland Urban Central		72			
3	Auckland Rural South		5			
3	Whangarei District		8			
3	Marlborough District	MEAN	3			
3	Hutt City		10			
3	Central Hawkes Bay District		1			
3	Rotorua District		8			
3	Manawatu District		1			
2	Napier City		7			
2	Auckland Urban South		45			
2	Far North District		3			
2	Gisborne District		4			
2	Kapiti Coast District		4			
2	Hamilton City		19			
2	New Plymouth District		7			
2	Timaru District		4			
2	Queenstown-Lakes District		3			
2	Masterton District		2			
2	Ruapehu District		0			
2	Waikato District		3			
2	Porirua City		4			
2	Hastings District		5			
2	Ashburton District		2			
2	South Wairarapa District		0			
2	Auckland Urban West		13			
2	Tasman District		2			
2	Waimakariri District		2			
2	Opotiki District		0			
1	Tauranga City		10			
1	Stratford District		0			
1	Whakatane District		2			
1	Auckland Urban North		21			
1	Auckland Rural North		2			
1	Selwyn District		1			
1	Upper Hutt City		1			
1	Thames-Coromandel District		1			
1	Carterton District		0			
1	Central Otago District		1			
1	Gore District		0			
0	Hurunui District		0			
0	Mackenzie District		0			
0	Otorohanga District		0			
	Auckland Gulf Islands		0			
	AUCKLAND COUNCIL					
	Chatham Islands Council		0			

## Rural intersections

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
3	Hamilton City		4	1	NORTHLAND	15
3	Selwyn District		18	1	AUCKLAND	32
2	Invercargill City		3	1	WAIKATO	38
2	Palmerston North City		4	1	BAY OF PLENTY	18
2	Waitaki District		6	1	TARANAKI	10
2	Manawatu District		9	1	MANAWATU WANGANUI	25
2	Central Hawkes Bay District		3	1	GISBORNE	2
2	Carterton District		2	1	HAWKE'S BAY	11
2	Kawerau District		0	1	WELLINGTON	12
2	Horowhenua District		6	1	TASMAN NELSON MARLBOROUGH	6
2	Upper Hutt City		3	0	WEST COAST	2
2	Napier City		3	1	CANTERBURY	46
2	Christchurch City		10	1	OTAGO	21
2	Western Bay Of Plenty District	1 STDEV	10	1	SOUTHLAND	9
2	Matamata-Piako District		7			
2	Timaru District		5	1	NATIONAL	247
2	New Plymouth District		5			
1	Whangarei District	0.5 STDEV	7			
1	Waimakariri District		6			
1	Auckland Rural South		10			
1	Otorohanga District		2			
1	Clutha District		3			
1	Auckland Rural North		12			
1	South Taranaki District		3			
1	Waipa District		6			
1	Dunedin City		5			
1	Waikato District		3			
1	Far North District		7			
1	Rotorua District		4			
1	Hutt City	MEAN	2			
1	Stratford District		1			
1	Hastings District		5			
1	Central Otago District		3			
1	Nelson City		1			
1	Queenstown-Lakes District		3			
1	Southland District		6			
1	Gisborne District		2			
1	Rangitikei District		3			
1	Kapiti Coast District		2			
1	Ashburton District		4			
1	Whakatane District		2			
1	Tasman District		4			
1	Grey District		1			
1	Waikato District		10			
1	Opotiki District		1			
1	South Waikato District		2			
1	Ruapehu District		2			
1	Gore District		1			
1	Kaikoura District		1			
1	Hauraki District		2			
1	Tararua District		1			
1	Kaipara District		1			
1	Hurunui District		2			
0	Porirua City		1			
0	Masterton District		0			
0	Auckland Urban South		5			
0	Wanganui District		1			
0	Marlborough District		2			
0	Tauranga City		1			
0	Mackenzie District		1			
0	South Wairarapa District		0			
0	Taupo District		2			
0	Westland District		1			
0	Auckland Urban West		1			
0	Auckland Urban North		2			
0	Waimate District		0			
0	Buller District		0			
0	Wairoa District		0			
0	Thames-Coromandel District		0			
0	Wellington City		1			
0	Auckland Urban Central		1			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

## All intersections

2017 Register

PERSONAL RISK	Ranking	Standard Deviation	COLLECTIVE RISK	PERSONAL RISK	COLLECTIVE RISK
DSI/100MVKT	Territorial Authority		5yr AVG DSI	DSI/100MVKT	Road Safety Regions
					5yr AVG DSI
4	Kawerau District		1	2	NORTHLAND
4	Dunedin City		35	1	AUCKLAND
3	Invercargill City		12	1	WAIKATO
3	Christchurch City		91	2	BAY OF PLENTY
3	Palmerston North City		16	2	TARANAKI
3	Selwyn District		19	2	MANAWATU WANGANUI
2	Horowhenua District		9	1	GISBORNE
2	Waitaki District	1 STDEV	8	2	HAWKE'S BAY
2	Hamilton City		23	1	WELLINGTON
2	Manawatu District		10	1	TASMAN NELSON MARLBOROUGH
2	Central Hawkes Bay District		4	1	WEST COAST
2	Napier City		9	1	CANTERBURY
2	Nelson City		8	2	OTAGO
2	Matamata-Piako District		11	2	SOUTHLAND
2	Hutt City		13		
2	Wanganui District		7	2	NATIONAL
2	Wellington City	0.5 STDEV	25		
2	Whangarei District		15		
2	Western Bay Of Plenty District		11		
2	South Taranaki District		6		
2	Carterton District		2		
2	New Plymouth District		12		
2	Timaru District		9		
2	Auckland Urban Central		73		
2	Rotorua District		12		
2	Waipa District		10		
2	Auckland Rural South		15		
2	Grey District		2		
2	Auckland Urban South		51		
2	Upper Hutt City	MEAN	4		
1	Clutha District		5		
1	Gisborne District		6		
1	Waitomo District		4		
1	Waimakariri District		8		
1	Buller District		2		
1	Kapiti Coast District		6		
1	Far North District		9		
1	Auckland Urban West		14		
1	Queenstown-Lakes District		6		
1	Hastings District		10		
1	Kaipara District		3		
1	Masterton District		2		
1	Auckland Rural North		13		
1	South Waikato District		4		
1	Rangitikei District		4		
1	Hauraki District		5		
1	Otorohanga District		2		
1	Stratford District		1		
1	Porirua City		6		
1	Tauranga City		11		
1	Ashburton District		6		
1	Southland District		8		
1	Tararua District		3		
1	Tasman District		6		
1	Taupo District		6		
1	Kaikoura District		1		
1	Whakatane District		4		
1	Marlborough District		4		
1	Waikato District		13		
1	Opotiki District		1		
1	Auckland Urban North		23		
1	Wairoa District		1		
1	Central Otago District		5		
1	Ruapehu District		2		
1	Westland District		1		
1	South Wairarapa District		1		
1	Gore District		1		
1	Hurunui District		2		
0	Waimate District		1		
0	Thames-Coromandel District		1		
0	Mackenzie District		1		
	Auckland Gulf Islands		0		
	Chatham Islands Council		0		



Rural road loss of control and/or head-on (speed zones >70km/hr)

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
12	Wairoa District		13	8	NORTHLAND	92
11	Kaipara District		20	2	AUCKLAND	99
8	Buller District		11	5	WAIKATO	175
8	Waitemoa District		14	5	BAY OF PLENTY	72
8	Far North District		45	5	TARANAKI	31
8	Gisborne District		17	5	MANAWATU WANGANUI	77
8	Opotiki District		8	8	GISBORNE	17
8	Clutha District		21	6	HAWKE'S BAY	51
8	Masterton District		6	3	WELLINGTON	38
7	Thames-Coromandel District		18	4	TASMAN NELSON MARLBOROUGH	34
7	Stratford District	1 STDEV	6	7	WEST COAST	28
6	Queenstown-Lakes District		19	4	CANTERBURY	106
6	Westland District		12	6	OTAGO	93
6	Central Otago District		17	4	SOUTHLAND	42
6	Grey District		6			
6	Waitaki District	0.5 STDEV	15	4	NATIONAL	956
6	Southland District		34			
6	Dunedin City		21			
6	Kaikoura District		7			
6	Ruapehu District		12			
5	Taupo District		24			
5	Hastings District		27			
5	Wanganui District		7			
5	Whangarei District		27			
5	Manawatu District		19			
5	Western Bay Of Plenty District		28			
5	Hurunui District		17			
5	Auckland Rural North		43			
5	Horowhenua District		13			
5	South Wairarapa District		5			
5	South Taranaki District		13			
5	Mackenzie District		7			
5	Kawerau District		0			
5	Rangitikei District		13			
5	South Waikato District	MEAN	14			
4	Rotorua District		17			
4	Waimate District		7			
4	Whakatane District		12			
4	Tasman District		18			
4	Auckland Rural South		29			
4	Hauraki District		14			
4	Otorohanga District		4			
4	Matamata-Piako District		19			
4	Waipa District		17			
4	Tararua District		10			
4	Central Hawkes Bay District		7			
4	Waikato District		47			
4	New Plymouth District		12			
4	Gore District		4			
3	Marlborough District		13			
3	Napier City		5			
3	Christchurch City		17			
3	Selwyn District		22			
3	Waimakariri District		13			
3	Nelson City		3			
3	Hamilton City		4			
3	Ashburton District		10			
3	Upper Hutt City		5			
3	Carterton District		2			
3	Timaru District		7			
3	Invercargill City		3			
2	Kapiti Coast District		7			
2	Tauranga City		6			
2	Hutt City		4			
2	Auckland Urban West		5			
2	Palmerston North City		3			
1	Wellington City		6			
1	Porirua City		3			
1	Auckland Urban South		11			
1	Auckland Urban North		5			
0	Auckland Urban Central		5			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

# Motorcyclist involved

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
351	Stratford District		4	185	NORTHLAND	27
300	Kawerau District		1	89	AUCKLAND	102
263	Kaipara District		6	116	WAIKATO	64
247	Buller District		4	158	BAY OF PLENTY	32
228	South Wairarapa District		3	193	TARANAKI	15
217	Grey District		3	132	MANAWATU WANGANUI	32
214	Opotiki District	1 STDEV	3	104	GISBORNE	4
178	Thames-Coromandel District		6	126	HAWKE'S BAY	20
177	Wanganui District		6	110	WELLINGTON	38
159	Tararua District		4	131	TASMAN NELSON MARLBOROUGH	18
159	Hastings District		12	192	WEST COAST	10
156	Nelson City		6	93	CANTERBURY	63
154	Waitaki District	0.5 STDEV	5	127	OTAGO	30
148	Far North District		10	65	SOUTHLAND	8
148	Otorohanga District		2			
144	Whangarei District		11	107	NATIONAL	461
144	Auckland Rural North		14			
143	Tasman District		8			
142	Upper Hutt City		4			
140	Hurunui District		5			
133	Manawatu District		5			
129	Christchurch City		36			
128	Matamata-Piako District		7			
128	Waikato District		18			
127	Dunedin City		10			
127	Wairoa District		2			
125	Rangitikei District		4			
123	Rotorua District	MEAN	8			
123	Kaikoura District		2			
123	Wellington City		15			
121	Napier City		5			
119	South Taranaki District		4			
119	Clutha District		4			
119	Hamilton City		11			
118	Central Otago District		6			
115	Western Bay Of Plenty District		7			
114	Queenstown-Lakes District		5			
114	Ruapehu District		3			
113	Palmerston North City		6			
112	Auckland Rural South		10			
111	Westland District		2			
108	Waipa District		6			
108	New Plymouth District		7			
106	Taupo District		6			
105	Tauranga City		10			
104	Gisborne District		4			
101	Masterton District		2			
99	Horowhenua District		3			
99	Central Hawkes Bay District		2			
98	Hutt City		6			
98	Waimate District		2			
95	Marlborough District		4			
94	Auckland Urban Central		38			
88	Invercargill City		3			
88	Waimakariri District		5			
88	Whakatane District		3			
85	Waitomo District		2			
85	Kapiti Coast District		4			
83	South Waikato District		3			
81	Auckland Urban West		9			
78	Selwyn District		6			
75	Hauraki District		3			
71	Porirua City		4			
69	Timaru District		3			
56	Southland District		4			
54	Ashburton District		3			
54	Mackenzie District		1			
51	Auckland Urban North		15			
51	Gore District		1			
50	Auckland Urban South		16			
28	Carterton District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

## Cyclist involved

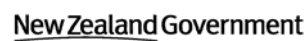
2017 Register

PERSONAL RISK	Ranking	Standard Deviation	COLLECTIVE RISK	PERSONAL RISK	COLLECTIVE RISK	
DSI/Mhrs	Territorial Authority		5yr AVG DSI	DSI/Mhrs	Road Safety Regions	
					5yr AVG DSI	
189	Invercargill City	1 STDEV	3	4	NORTHLAND	3
30	Kapiti Coast District		2	7	AUCKLAND	40
22	Grey District		1	8	WAIKATO	17
22	Taupo District	0.5 STDEV	3	9	BAY OF PLENTY	8
17	Westland District		0	6	TARANAKI	5
16	Auckland Urban Central		22	3	MANAWATU WANGANUI	8
15	Rotorua District		2	10	GISBORNE	2
15	Queenstown-Lakes District		4	7	HAWKE'S BAY	8
15	Nelson City		5	7	WELLINGTON	22
13	Tauranga City		4	8	TASMAN NELSON MARLBOROUGH	8
11	Waikato District		0	16	WEST COAST	2
11	Whakatane District		1	2	CANTERBURY	40
11	New Plymouth District		4	7	OTAGO	14
10	Hastings District		5	63	SOUTHLAND	3
10	Hamilton City		7			
10	Gisborne District		2	7	NATIONAL	180
9	Dunedin City		9			
9	Buller District	MEAN	0			
9	Auckland Urban West		4			
8	Hauraki District		1			
8	Opotiki District		0			
8	Wairoa District		0			
8	Thames-Coromandel District		1			
8	Christchurch City		35			
8	Auckland Urban North		6			
8	Waipa District		2			
7	Wellington City		14			
7	Napier City		2			
7	Waikato District		2			
6	Far North District		1			
6	Wanganui District		2			
6	South Taranaki District		1			
6	Palmerston North City		4			
6	Tasman District		2			
5	Auckland Urban South		7			
5	Hutt City		3			
5	Western Bay Of Plenty District		1			
5	South Wairarapa District		0			
5	Auckland Rural North		1			
4	Whangarei District		2			
4	Marlborough District		1			
4	Central Otago District		1			
4	Carterton District		0			
4	Waitaki District		1			
4	Timaru District		2			
4	Central Hawkes Bay District		0			
4	Ruapehu District		0			
3	Horowhenua District		1			
3	Porirua City		1			
3	Manawatu District		1			
3	South Waikato District		0			
3	Auckland Rural South		1			
2	Kaipara District		0			
2	Upper Hutt City		1			
2	Matamata-Piako District		0			
2	Waimakariri District		1			
2	Masterton District		0			
2	Clutha District		0			
1	Waimate District		0			
1	Hurunui District		0			
1	Selwyn District		1			
1	Kaikoura District		0			
1	Kawerau District		0			
1	Ashburton District		0			
0	Gore District		0			
0	Mackenzie District		0			
0	Otorohanga District		0			
0	Rangitikei District		0			
0	Southland District		0			
0	Stratford District		0			
0	Tararua District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Pedestrian involved

2017 Register

PERSONAL RISK	Ranking	Standard Deviation	COLLECTIVE RISK	PERSONAL RISK	COLLECTIVE RISK
DSI/Mhrs	Territorial Authority		5yr AVG DSI	DSI/Mhrs	Road Safety Regions
					5yr AVG DSI
24	Invercargill City		4	2	NORTHLAND
6	Opotiki District		1	1	AUCKLAND
5	Kapiti Coast District	1 STDEV	2	2	WAIKATO
4	Whangarei District		8	3	BAY OF PLENTY
4	Rotorua District		6	1	TARANAKI
3	Western Bay Of Plenty District		4	2	MANAWATU WANGANUI
3	Hauraki District	0.5 STDEV	2	1	GISBORNE
3	Whakatane District		2	1	HAWKE'S BAY
3	Mackenzie District		1	1	WELLINGTON
3	South Waikato District		2	1	TASMAN NELSON MARLBOROUGH
2	Dunedin City		17	1	WEST COAST
2	Far North District		4	1	CANTERBURY
2	Matamata-Piako District		2	1	OTAGO
2	Tauranga City		6	9	SOUTHLAND
2	Palmerston North City		6		
2	Waitomo District		1	1	NATIONAL
2	Hamilton City		10		
2	Auckland Urban Central		41		
2	Ruapehu District	MEAN	1		
2	Taranua District		1		
2	Stratford District		1		
2	Manawatu District		2		
2	Christchurch City		30		
2	Waitaki District		2		
2	Nelson City		5		
2	Auckland Urban South		32		
2	Thames-Coromandel District		2		
2	Southland District		2		
2	Wanganui District		2		
1	Westland District		0		
1	Taupo District		2		
1	Hastings District		4		
1	Napier City		3		
1	Gisborne District		3		
1	Horowhenua District		2		
1	Hutt City		6		
1	Waikato District		3		
1	New Plymouth District		5		
1	Ashburton District		2		
1	Gore District		1		
1	Timaru District		3		
1	Auckland Rural North		3		
1	Queenstown-Lakes District		2		
1	Auckland Urban North		14		
1	Auckland Urban West		8		
1	South Taranaki District		1		
1	Waipa District		2		
1	Buller District		0		
1	Rangitikei District		0		
1	Otorohanga District		0		
1	Wellington City		15		
1	Auckland Rural South		3		
1	Wairoa District		0		
1	South Wairarapa District		1		
1	Clutha District		1		
1	Kaipara District		1		
1	Marlborough District		2		
1	Central Hawkes Bay District		0		
1	Upper Hutt City		2		
0	Waimakariri District		2		
0	Tasman District		1		
0	Porirua City		2		
0	Kaikoura District		0		
0	Selwyn District		1		
0	Hurunui District		0		
0	Grey District		0		
0	Masterton District		0		
0	Central Otago District		0		
0	Kawerau District		0		
0	Carterton District		0		
0	Waimate District		0		
	Auckland Gulf Islands		0		
	AUCKLAND COUNCIL				
	Chatham Islands Council		0		



Distraction (crash factor: attention diverted)

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
1	Kawerau District		0	1	NORTHLAND	10
1	Dunedin City		12	0	AUCKLAND	48
1	Western Bay Of Plenty District		6	1	WAIKATO	33
1	South Taranaki District		3	1	BAY OF PLENTY	20
1	Waimakariri District		5	1	TARANAKI	8
1	South Waikato District		4	1	MANAWATU WANGANUI	15
1	Opotiki District		1	0	GISBORNE	1
1	Stratford District		1	1	HAWKE'S BAY	12
1	Upper Hutt City		2	0	WELLINGTON	12
1	Wanganui District	1 STDEV	3	1	TASMAN NELSON MARLBOROUGH	7
1	South Wairarapa District		1	0	WEST COAST	2
1	Palmerston North City		4	0	CANTERBURY	33
1	Hastings District		7	1	OTAGO	19
1	Whakatane District		3	0	SOUTHLAND	5
1	Napier City		3			
1	Ruapehu District		2	1	NATIONAL	227
1	Matamata-Piako District		5			
1	Kaipara District		2			
1	Rangitikei District		2			
1	Central Hawkes Bay District		1			
1	Rotorua District	0.5 STDEV	5			
1	Clutha District		2			
1	Central Otago District		3			
1	Hauraki District		3			
1	Timaru District		3			
1	Christchurch City		17			
1	Grey District		1			
1	Waipa District		3			
1	Whangarei District		4			
1	Auckland Rural South		5			
1	Marlborough District	MEAN	3			
1	Waitomo District		1			
1	New Plymouth District		4			
1	Auckland Rural North		6			
1	Taupo District		3			
1	Hamilton City		5			
1	Waikato District		8			
1	Tararua District		2			
1	Tasman District		3			
1	Southland District		3			
1	Hurunui District		2			
0	Waimate District		1			
0	Far North District		4			
0	Nelson City		2			
0	Auckland Urban West		5			
0	Carterton District		0			
0	Gore District		1			
0	Queenstown-Lakes District		2			
0	Selwyn District		3			
0	Ashburton District		2			
0	Wairoa District		0			
0	Horowhenua District		1			
0	Tauranga City		4			
0	Porirua City		2			
0	Thames-Coromandel District		1			
0	Auckland Urban South		12			
0	Auckland Urban Central		14			
0	Invercargill City		1			
0	Otorohanga District		0			
0	Wellington City		4			
0	Gisborne District		1			
0	Buller District		0			
0	Kapiti Coast District		1			
0	Manawatu District		1			
0	Masterton District		0			
0	Hutt City		2			
0	Auckland Urban North		6			
0	Kaikoura District		0			
0	Westland District		0			
0	Waitaki District		0			
0	Mackenzie District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

# Fatigue

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
3	Wairoa District		4	1	NORTHLAND	18
3	Kawerau District		1	0	AUCKLAND	24
2	Opotiki District		2	1	WAIKATO	38
1	Ruaapehu District		4	1	BAY OF PLENTY	19
1	Kaipara District		3	0	TARANAKI	4
1	South Waikato District		5	1	MANAWATU WANGANUI	22
1	Kaikoura District		2	1	GISBORNE	3
1	Western Bay Of Plenty District		7	1	HAWKE'S BAY	12
1	Manawatu District	1 STDEV	6	0	WELLINGTON	8
1	Rangitikei District		4	0	TASMAN NELSON MARLBOROUGH	6
1	Clutha District		4	1	WEST COAST	5
1	Buller District		2	1	CANTERBURY	19
1	Whangarei District		9	1	OTAGO	15
1	Taupo District		5	0	SOUTHLAND	5
1	Otorohanga District		1			
1	Mackenzie District	0.5 STDEV	2	0	NATIONAL	197
1	Far North District		7			
1	Rotorua District		6			
1	Waitaki District		3			
1	Hurunui District		3			
1	Waipa District		5			
1	Matamata-Piako District		5			
1	Horowhenua District		3			
1	Grey District		1			
1	Hastings District		6			
1	Tararua District		2			
1	Masterton District		1			
1	Westland District		2			
1	Southland District	MEAN	4			
1	Waikato District		10			
1	Whakatane District		3			
1	Stratford District		1			
1	Wanganui District		2			
1	Auckland Rural North		6			
1	South Wairarapa District		1			
1	Gisborne District		3			
1	Central Otago District		3			
1	Hauraki District		2			
1	Marlborough District		3			
1	Central Hawkes Bay District		1			
1	Selwyn District		5			
0	Kapiti Coast District		2			
0	South Taranaki District		2			
0	Waimate District		1			
0	Thames-Coromandel District		2			
0	Dunedin City		4			
0	Queenstown-Lakes District		2			
0	Tasman District		2			
0	Carterton District		0			
0	Auckland Rural South		3			
0	Waitomo District		1			
0	Gore District		0			
0	Nelson City		1			
0	Auckland Urban South		8			
0	Hamilton City		2			
0	Invercargill City		1			
0	New Plymouth District		1			
0	Upper Hutt City		1			
0	Hutt City		1			
0	Ashburton District		1			
0	Timaru District		1			
0	Porirua City		1			
0	Palmerston North City		1			
0	Napier City		1			
0	Wellington City		2			
0	Christchurch City		4			
0	Auckland Urban West		1			
0	Waimakariri District		1			
0	Auckland Urban Central		5			
0	Tauranga City		1			
0	Auckland Urban North		1			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

## Older road users ( those aged 75yrs and older)

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
22	Dunedin City		14	8	NORTHLAND	12
18	Buller District		2	7	AUCKLAND	40
16	Selwyn District		5	8	WAIKATO	26
15	Palmerston North City		5	6	BAY OF PLENTY	16
15	Otorohanga District		1	7	TARANAKI	7
15	Masterton District		2	9	MANAWATU WANGANUI	18
14	Western Bay Of Plenty District		7	4	GISBORNE	1
13	Queenstown-Lakes District		2	6	HAWKE'S BAY	8
13	Horowhenua District		5	7	WELLINGTON	13
13	South Waikato District		3	4	TASMAN NELSON MARLBOROUGH	5
12	Christchurch City	1 STDEV	23	12	WEST COAST	4
12	Grey District		1	8	CANTERBURY	39
11	Whangarei District		7	11	OTAGO	22
11	Invercargill City		4	7	SOUTHLAND	7
11	Hamilton City		5			
11	Clutha District		3	8	NATIONAL	218
10	Kaikoura District		1			
10	New Plymouth District	0.5 STDEV	6			
10	Whakatane District		3			
9	Upper Hutt City		2			
9	Auckland Rural North		6			
9	Matamata-Piako District		5			
9	Manawatu District		3			
9	Waitaki District		3			
9	Ruapehu District		1			
9	Waimakariri District		4			
9	Auckland Urban West		4			
8	Hutt City		4			
8	Wanganui District		2			
8	Ashburton District		3			
8	Hastings District		4			
8	Kaipara District		2			
8	Waipa District	MEAN	3			
7	Southland District		3			
7	Napier City		3			
7	Auckland Urban Central		13			
7	Taupo District		2			
7	Porirua City		1			
7	Auckland Rural South		4			
6	Stratford District		1			
6	Waitomo District		1			
6	Nelson City		2			
6	Opotiki District		1			
6	Westland District		1			
6	Hurunui District		1			
6	Waikato District		4			
5	Tararua District		1			
5	Rangitikei District		1			
5	Kapiti Coast District		2			
5	Auckland Urban South		7			
5	Far North District		3			
5	South Taranaki District		1			
5	Central Hawkes Bay District		1			
4	Tasman District		2			
4	Gisborne District		1			
4	South Wairarapa District		0			
4	Wairoa District		0			
4	Rotorua District		2			
4	Tauranga City		4			
4	Mackenzie District		0			
4	Wellington City		2			
3	Waimate District		1			
3	Timaru District		2			
3	Auckland Urban North		6			
3	Hauraki District		1			
3	Carterton District		0			
3	Gore District		0			
3	Marlborough District		1			
3	Thames-Coromandel District		1			
1	Central Otago District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

## Restraints (seatbelt not worn)

2017 Register

PERSONAL RISK DSI/100MVKT	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/100MVKT	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
1	Kaipara District		3	1	NORTHLAND	13
1	Wairoa District		2	0	AUCKLAND	27
1	Far North District		8	0	WAIKATO	22
1	Masterton District		2	0	BAY OF PLENTY	9
1	Carterton District		1	0	TARANAKI	3
1	Opotiki District		1	0	MANAWATU WANGANUI	7
1	Gisborne District	1 STDEV	2	1	GISBORNE	2
1	Waitomo District		1	1	HAWKE'S BAY	7
1	Taupo District		3	0	WELLINGTON	10
1	Buller District		1	0	TASMAN NELSON MARLBOROUGH	2
1	Stratford District		1	0	WEST COAST	2
1	Hauraki District		2	0	CANTERBURY	14
1	Manawatu District		2	0	OTAGO	10
1	Southland District		3	0	SOUTHLAND	5
1	Auckland Rural North		5			
1	Hastings District		4	0	NATIONAL	135
1	Whakatane District		2			
1	Waitaki District	0.5 STDEV	2			
1	Clutha District		2			
0	South Taranaki District		2			
0	Western Bay Of Plenty District		3			
0	Otorohanga District		1			
0	Dunedin City		4			
0	Waikato District		6			
0	Tararua District		1			
0	South Wairarapa District		0			
0	Hurunui District		2			
0	Ashburton District	MEAN	2			
0	Horowhenua District		1			
0	Mackenzie District		1			
0	Waipa District		2			
0	Queenstown-Lakes District		1			
0	Thames-Coromandel District		1			
0	Westland District		1			
0	Matamata-Piako District		2			
0	Whangarei District		3			
0	Central Hawkes Bay District		1			
0	South Waikato District		1			
0	Hutt City		2			
0	Grey District		1			
0	Hamilton City		3			
0	Invercargill City		1			
0	Upper Hutt City		1			
0	Kapiti Coast District		1			
0	Auckland Urban West		3			
0	Timaru District		1			
0	Porirua City		1			
0	Auckland Rural South		2			
0	Gore District		0			
0	Waimakariri District		1			
0	Christchurch City		6			
0	Auckland Urban South		7			
0	Tasman District		1			
0	Rotorua District		1			
0	New Plymouth District		1			
0	Rangitikei District		1			
0	Auckland Urban Central		7			
0	Ruapehu District		0			
0	Wanganui District		0			
0	Nelson City		1			
0	Waimate District		0			
0	Wellington City		2			
0	Marlborough District		1			
0	Napier City		1			
0	Selwyn District		1			
0	Palmerston North City		1			
0	Central Otago District		1			
0	Tauranga City		1			
0	Auckland Urban North		2			
0	Kaikoura District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			