

**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 2013-2017. 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, 2013-2017.

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.

MoT's cyclist and pedestrian regional estimates of exposure 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.

The topic Alcohol & drugs differs this year from previous registers: the calculation used is counts of DSI where a driver was proven to be over the legal alcohol limit, whereas previously it included alcohol suspected.

**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

2018 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	Wairoa District		15	10	NORTHLAND	168
12	Buller District		19	5	AUCKLAND	615
11	Kaipara District		28	7	WAIKATO	356
11	Waitomo District		21	7	BAY OF PLENTY	169
10	Far North District		72	7	TARANAKI	68
10	Dunedin City		88	7	MANAWATU WANGANUI	175
10	Kawerau District		3	9	GISBORNE	36
10	Opotiki District		13	8	HAWKE'S BAY	105
9	Gisborne District	1 STDEV	36	6	WELLINGTON	180
8	Whangarei District		68	6	TASMAN NELSON MARLBOROUGH	85
8	Clutha District		27	9	WEST COAST	46
8	Masterton District		14	6	CANTERBURY	363
8	Matamata-Piako District		42	8	OTAGO	197
8	Horowhenua District		29	6	SOUTHLAND	76
8	Stratford District		9			
8	South Wairarapa District	0.5 STDEV	9	6	NATIONAL	2640
8	Wanganui District		23			
8	Waitaki District		27			
7	Grey District		12			
7	Auckland Rural North		76			
7	Ruapehu District		18			
7	Hastings District		57			
7	Waimate District		11			
7	Taupo District		43			
7	Manawatu District		30			
7	South Waikato District		26			
7	South Taranaki District		23			
7	Western Bay Of Plenty District		49			
7	Westland District		15			
7	Tasman District	MEAN	37			
7	Invercargill City		23			
7	Queenstown-Lakes District		32			
7	Thames-Coromandel District		23			
7	Palmerston North City		36			
7	Central Otago District		24			
6	Southland District		45			
6	Christchurch City		185			
6	Selwyn District		52			
6	Tararua District		20			
6	Otorohanga District		9			
6	Hutt City		38			
6	Auckland Rural South		60			
6	Nelson City		23			
6	Hauraki District		24			
6	Whakatane District		24			
6	Mackenzie District		10			
6	Waimakariri District		32			
6	Rotorua District		41			
6	Hurunui District		22			
6	Rangitikei District		19			
6	New Plymouth District		37			
6	Waikato District		84			
5	Central Hawkes Bay District		12			
5	Marlborough District		25			
5	Kapiti Coast District		23			
5	Waipa District		35			
5	Hamilton City		49			
5	Gore District		8			
5	Carterton District		6			
5	Auckland Urban West		53			
5	Timaru District		25			
5	Wellington City		61			
5	Upper Hutt City		13			
5	Napier City		22			
5	Auckland Urban South		158			
5	Kaikoura District		7			
4	Auckland Urban Central		186			
4	Ashburton District		18			
4	Porirua City		17			
3	Tauranga City		40			
3	Auckland Urban North		79			
	Auckland Gulf Islands		4			
	Chatham Islands Council		0			

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

2018 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
30	Buller District		4	22	NORTHLAND	45
30	Carterton District		3	11	AUCKLAND	177
29	Kawerau District		1	16	WAIKATO	101
27	Thames-Coromandel District		8	17	BAY OF PLENTY	49
25	Kaipara District		7	14	TARANAKI	19
25	Opotiki District		4	15	MANAWATU WANGANUI	48
23	Far North District		19	11	GISBORNE	6
23	Horowhenua District		9	13	HAWKE'S BAY	27
21	Dunedin City	1 STDEV	27	14	WELLINGTON	45
20	Central Otago District		8	12	TASMAN NELSON MARLBOROUGH	19
19	Matamata-Piako District		13	19	WEST COAST	10
19	Clutha District		8	12	CANTERBURY	96
19	Hauraki District		8	18	OTAGO	56
19	Southland District		17	15	SOUTHLAND	26
18	South Wairarapa District		2			
18	Whangarei District		18	12	NATIONAL	723
18	Western Bay Of Plenty District		16			
18	Auckland Rural North	0.5 STDEV	23			
18	Westland District		4			
17	Waimate District		3			
17	Invercargill City		7			
17	Ruapehu District		5			
16	Taupo District		11			
16	Waitomo District		5			
16	Wanganui District		6			
15	Central Hawkes Bay District		4			
15	Waitaki District		6			
15	South Waikato District	MEAN	8			
15	Queenstown-Lakes District		7			
15	Kapiti Coast District		6			
15	New Plymouth District		11			
14	Masterton District		3			
14	Palmerston North City		12			
14	Hastings District		14			
14	South Taranaki District		6			
14	Tasman District		8			
13	Christchurch City		49			
13	Auckland Rural South		18			
13	Hutt City		10			
13	Wairoa District		2			
13	Stratford District		2			
13	Whakatane District		7			
13	Marlborough District		6			
13	Mackenzie District		3			
12	Kaikoura District		2			
12	Rotorua District		12			
12	Manawatu District		7			
12	Timaru District		8			
12	Waimakariri District		9			
12	Rangitikei District		5			
12	Otorohanga District		3			
12	Selwyn District		14			
12	Tararua District		5			
11	Gisborne District		6			
11	Waikato District		22			
11	Napier City		6			
10	Gore District		2			
10	Hamilton City		15			
10	Grey District		2			
10	Auckland Urban West		13			
10	Waipa District		9			
10	Auckland Urban South		50			
9	Nelson City		4			
9	Upper Hutt City		3			
9	Auckland Urban Central		49			
8	Ashburton District		5			
8	Hurunui District		3			
8	Wellington City		12			
8	Tauranga City		10			
7	Porirua City		4			
6	Auckland Urban North		24			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

# Alcohol and/or drugs

2018 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
4	Kawerau District		1	2	NORTHLAND	34
3	Wairoa District		4	1	AUCKLAND	125
3	Waimate District		4	1	WAIKATO	56
3	Far North District		17	1	BAY OF PLENTY	29
3	Kaipara District		7	1	TARANAKI	8
2	Gisborne District		8	1	MANAWATU WANGANUI	27
2	Buller District	1 STDEV	3	2	GISBORNE	8
2	Otorohanga District		2	1	HAWKE'S BAY	18
2	Waitomo District		3	1	WELLINGTON	23
2	Wanganui District		5	1	TASMAN NELSON MARLBOROUGH	12
2	Grey District		3	1	WEST COAST	7
2	Auckland Rural North		16	1	CANTERBURY	50
1	Dunedin City	0.5 STDEV	12	1	OTAGO	26
1	Mackenzie District		2	1	SOUTHLAND	10
1	Western Bay Of Plenty District		10			
1	Auckland Urban West		14	1	NATIONAL	431
1	Manawatu District		6			
1	Auckland Rural South		12			
1	Matamata-Piako District		7			
1	Stratford District		1			
1	Whangarei District		10			
1	Opotiki District		1			
1	Hastings District		9			
1	Horowhenua District		4			
1	Whakatane District		5			
1	Marlborough District	MEAN	5			
1	Tararua District		3			
1	Waikato District		16			
1	Hutt City		6			
1	Auckland Urban South		36			
1	Palmerston North City		6			
1	Hurunui District		4			
1	Queenstown-Lakes District		5			
1	Central Hawkes Bay District		2			
1	Masterton District		2			
1	Invercargill City		3			
1	Taupo District		6			
1	Thames-Coromandel District		3			
1	Hauraki District		4			
1	Tasman District		4			
1	Upper Hutt City		2			
1	Waipa District		5			
1	Selwyn District		7			
1	Central Otago District		3			
1	Gore District		1			
1	Christchurch City		23			
1	Southland District		6			
1	Hamilton City		7			
1	South Wairarapa District		1			
1	Clutha District		3			
1	Kaikoura District		1			
1	Rotorua District		6			
1	South Taranaki District		2			
1	Auckland Urban Central		31			
1	Nelson City		2			
1	South Waikato District		3			
1	Waimakariri District		4			
1	New Plymouth District		4			
1	Waitaki District		2			
1	Wellington City		7			
1	Napier City		3			
1	Rangitikei District		2			
1	Ashburton District		3			
1	Carterton District		1			
1	Westland District		1			
1	Tauranga City		6			
1	Kapiti Coast District		2			
1	Ruapehu District		1			
0	Timaru District		2			
0	Porirua City		2			
0	Auckland Urban North		14			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

## Speed (too fast for the conditions)

2018 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
4	Wairoa District		5	3	NORTHLAND	53
4	Kaipara District		10	1	AUCKLAND	150
4	Buller District		6	2	WAIKATO	88
4	Gisborne District		14	2	BAY OF PLENTY	42
3	Far North District		25	1	TARANAKI	15
3	Masterton District		5	2	MANAWATU WANGANUI	42
3	Waitomo District		6	4	GISBORNE	14
3	Opotiki District		4	2	HAWKE'S BAY	25
3	Waimate District	1 STDEV	4	1	WELLINGTON	46
2	Wanganui District		7	1	TASMAN NELSON MARLBOROUGH	19
2	Ruapehu District		6	3	WEST COAST	14
2	Whangarei District		18	1	CANTERBURY	67
2	Westland District		5	1	OTAGO	34
2	Hutt City		13	1	SOUTHLAND	13
2	Grey District		4			
2	Taupo District		12	1	NATIONAL	624
2	Horowhenua District		7			
2	Hurunui District	0.5 STDEV	8			
2	Auckland Rural North		20			
2	Western Bay Of Plenty District		13			
2	Matamata-Piako District		10			
2	Auckland Rural South		18			
2	Queenstown-Lakes District		8			
2	Gore District		3			
2	Thames-Coromandel District	MEAN	6			
2	Tararua District		5			
2	Kaikoura District		2			
2	Hauraki District		7			
2	Palmerston North City		8			
2	Whakatane District		6			
2	Auckland Urban West		17			
2	Hastings District		12			
1	Mackenzie District		2			
1	Dunedin City		13			
1	Rotorua District		10			
1	South Taranaki District		5			
1	Nelson City		5			
1	Waikato District		22			
1	South Waikato District		5			
1	Manawatu District		6			
1	Tasman District		8			
1	Clutha District		5			
1	Stratford District		2			
1	Waipa District		8			
1	Auckland Urban South		43			
1	Marlborough District		6			
1	Napier City		6			
1	New Plymouth District		9			
1	Upper Hutt City		3			
1	Porirua City		6			
1	Carterton District		2			
1	Central Otago District		4			
1	Kawerau District		0			
1	Otorohanga District		2			
1	Hamilton City		10			
1	South Wairarapa District		2			
1	Christchurch City		30			
1	Kapiti Coast District		4			
1	Timaru District		5			
1	Invercargill City		4			
1	Central Hawkes Bay District		3			
1	Rangitikei District		3			
1	Selwyn District		8			
1	Waitaki District		4			
1	Southland District		7			
1	Wellington City		11			
1	Tauranga City		9			
1	Auckland Urban Central		34			
1	Ashburton District		3			
1	Waimakariri District		4			
1	Auckland Urban North		18			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

## Urban intersections

2018 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	Matamata-Piako District		5	3	NORTHLAND	14
7	Wairoa District		1	2	AUCKLAND	180
6	Dunedin City		28	3	WAIKATO	41
6	Buller District		2	2	BAY OF PLENTY	23
6	Ruapehu District		1	3	TARANAKI	11
5	Hauraki District		3	4	MANAWATU WANGANUI	26
5	Westland District		1	3	GISBORNE	4
4	South Taranaki District		3	3	HAWKE'S BAY	16
4	Horowhenua District	1 STDEV	4	2	WELLINGTON	47
4	Kawerau District		1	3	TASMAN NELSON MARLBOROUGH	13
4	Invercargill City		9	4	WEST COAST	4
4	Taupo District		4	2	CANTERBURY	94
4	Tararua District		2	3	OTAGO	36
4	Kaipara District		2	2	SOUTHLAND	10
4	Hutt City		13			
4	Waimate District		0	3	NATIONAL	520
4	Christchurch City	0.5 STDEV	82			
3	Waipa District		5			
3	Whangarei District		10			
3	Rangitikei District		1			
3	Waitaki District		2			
3	Palmerston North City		12			
3	Wellington City		23			
3	Wanganui District		6			
3	Waitomo District		1			
3	South Waikato District		2			
3	Nelson City		7			
3	Hastings District		7			
3	Auckland Urban South		57			
3	Auckland Urban Central	MEAN	77			
3	Gisborne District		4			
3	New Plymouth District		7			
3	Marlborough District		3			
2	Waimakariri District		3			
2	Kaikoura District		1			
2	Central Otago District		1			
2	Tasman District		3			
2	Grey District		2			
2	Western Bay Of Plenty District		2			
2	Waikato District		4			
2	Queenstown-Lakes District		3			
2	Manawatu District		1			
2	Napier City		7			
2	Central Hawkes Bay District		1			
2	Far North District		2			
2	Kapiti Coast District		4			
2	Hamilton City		17			
2	Clutha District		1			
2	Timaru District		4			
2	Auckland Urban West		15			
2	Rotorua District		6			
2	Auckland Rural South		4			
2	Whakatane District		2			
2	Auckland Rural North		2			
2	Masterton District		2			
2	Selwyn District		2			
2	Stratford District		0			
2	Upper Hutt City		2			
2	Tauranga City		13			
2	Southland District		1			
2	Ashburton District		2			
1	Porirua City		3			
1	Opotiki District		0			
1	Auckland Urban North		25			
1	South Wairarapa District		0			
1	Thames-Coromandel District		1			
1	Carterton District		0			
0	Gore District		0			
0	Hurunui District		0			
0	Mackenzie District		0			
0	Otorohanga District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

## Rural intersections

2018 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
4	Hamilton City		5	1	NORTHLAND	14
3	Selwyn District		20	1	AUCKLAND	31
3	Palmerston North City		5	1	WAIKATO	41
2	Invercargill City		3	1	BAY OF PLENTY	16
2	Carterton District		2	1	TARANAKI	7
2	Central Hawkes Bay District		3	1	MANAWATU WANGANUI	23
2	Timaru District		6	1	GISBORNE	2
2	Waitaki District		5	1	HAWKE'S BAY	12
2	Manawatu District	1 STDEV	6	1	WELLINGTON	13
2	Waimakariri District		7	1	TASMAN NELSON MARLBOROUGH	6
2	Matamata-Piako District		8	0	WEST COAST	2
2	Upper Hutt City		2	1	CANTERBURY	50
2	Horowhenua District		5	1	OTAGO	18
2	Napier City		3	1	SOUTHLAND	9
2	Christchurch City		9			
1	Auckland Rural South	0.5 STDEV	11	1	NATIONAL	244
1	Whangarei District		7			
1	Hutt City		3			
1	South Waikato District		3			
1	Otorohanga District		2			
1	New Plymouth District		4			
1	Western Bay Of Plenty District		8			
1	Clutha District		3			
1	Auckland Rural North		10			
1	Kapiti Coast District		3			
1	Gisborne District		2			
1	Hastings District		5			
1	Rotorua District	MEAN	4			
1	Dunedin City		4			
1	Thames-Coromandel District		2			
1	Far North District		6			
1	Southland District		6			
1	Waipa District		5			
1	Waikato District		12			
1	Tasman District		4			
1	Queenstown-Lakes District		3			
1	Tararua District		2			
1	Ashburton District		3			
1	Hurunui District		3			
1	South Taranaki District		2			
1	Gore District		1			
1	Rangitikei District		2			
1	Hauraki District		2			
1	Central Otago District		2			
1	Masterton District		1			
1	Nelson City		1			
1	Whakatane District		2			
1	Grey District		1			
1	Waitomo District		1			
1	Stratford District		1			
1	Kaipara District		1			
1	Ruapehu District		1			
1	Porirua City		1			
1	Waimate District		1			
0	Tauranga City		2			
0	South Wairarapa District		0			
0	Kaikoura District		1			
0	Westland District		1			
0	Wanganui District		1			
0	Auckland Urban South		5			
0	Auckland Urban West		1			
0	Buller District		0			
0	Marlborough District		1			
0	Auckland Urban North		3			
0	Mackenzie District		1			
0	Opotiki District		0			
0	Taupo District		1			
0	Wairoa District		0			
0	Wellington City		1			
0	Auckland Urban Central		1			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

## All intersections

2018 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
4	Dunedin City		33	1	NORTHLAND	28
3	Invercargill City		12	1	AUCKLAND	212
3	Christchurch City		91	1	WAIKATO	82
3	Palmerston North City		17	1	BAY OF PLENTY	40
3	Kawerau District		1	1	TARANAKI	18
3	Hutt City		17	2	MANAWATU WANGANUI	49
3	Selwyn District		22	2	GISBORNE	7
2	Matamata-Piako District		13	2	HAWKE'S BAY	27
2	Hamilton City		22	2	WELLINGTON	60
2	Horowhenua District	1 STDEV	9	1	TASMAN NELSON MARLBOROUGH	19
2	Nelson City		8	1	WEST COAST	6
2	Waitaki District		8	1	CANTERBURY	144
2	Whangarei District		17	2	OTAGO	54
2	Central Hawkes Bay District		4	2	SOUTHLAND	20
2	Carterton District		2			
2	Napier City		9	2	NATIONAL	766
2	Timaru District		10			
2	Wellington City		23			
2	Waimakariri District	0.5 STDEV	10			
2	Wanganui District		6			
2	Auckland Urban South		63			
2	Manawatu District		8			
2	Gisborne District		7			
2	New Plymouth District		12			
2	Auckland Urban Central		78			
2	Upper Hutt City		4			
2	Hastings District		12			
2	South Taranaki District		5			
2	Auckland Rural South		15			
2	South Waikato District	MEAN	5			
2	Auckland Urban West		16			
2	Waipa District		10			
1	Kapiti Coast District		6			
1	Rotorua District		10			
1	Grey District		2			
1	Queenstown-Lakes District		6			
1	Western Bay Of Plenty District		10			
1	Clutha District		4			
1	Tararua District		4			
1	Auckland Rural North		12			
1	Buller District		2			
1	Masterton District		2			
1	Tauranga City		14			
1	Tasman District		7			
1	Hauraki District		5			
1	Wairoa District		1			
1	Kaipara District		3			
1	Far North District		8			
1	Waikato District		16			
1	Otorohanga District		2			
1	Rangitikei District		3			
1	Ashburton District		5			
1	Whakatane District		4			
1	Porirua City		5			
1	Southland District		6			
1	Thames-Coromandel District		3			
1	Auckland Urban North		28			
1	Ruapehu District		2			
1	Central Otago District		3			
1	Stratford District		1			
1	Waitomo District		2			
1	Marlborough District		4			
1	Waimate District		1			
1	Taupo District		5			
1	Hurunui District		3			
1	Kaikoura District		1			
1	Westland District		2			
1	Gore District		1			
1	South Wairarapa District		1			
0	Opotiki 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)

2018 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		12	8	NORTHLAND	96
10	Gisborne District		22	2	AUCKLAND	113
10	Buller District		13	5	WAIKATO	183
9	Waitomo District		17	4	BAY OF PLENTY	75
9	Kaipara District		19	5	TARANAKI	30
8	Far North District		49	5	MANAWATU WANGANUI	82
7	Clutha District		21	10	GISBORNE	22
7	Opotiki District		8	6	HAWKE'S BAY	51
7	Stratford District		6	3	WELLINGTON	38
7	Masterton District	1 STDEV	6	4	TASMAN NELSON MARLBOROUGH	37
7	Grey District		7	7	WEST COAST	32
7	South Wairarapa District		6	4	CANTERBURY	114
6	Waimate District		9	6	OTAGO	93
6	Thames-Coromandel District		15	4	SOUTHLAND	41
6	Westland District	0.5 STDEV	12			
6	Taupo District		29	4	NATIONAL	1009
6	Whangarei District		29			
6	Hastings District		29			
6	Ruapehu District		13			
6	Wanganui District		8			
6	Central Otago District		17			
6	Waitaki District		16			
5	Queenstown-Lakes District		18			
5	Auckland Rural North		48			
5	Dunedin City		21			
5	Gore District		6			
5	South Waikato District		15			
5	Hurunui District		18			
5	Southland District		33			
5	Auckland Rural South		36			
5	Matamata-Piako District		21			
5	Manawatu District		18			
5	Mackenzie District		7			
5	Whakatane District		14			
5	Horowhenua District		14			
5	Tararua District	MEAN	12			
4	Rangitikei District		14			
4	Tasman District		20			
4	Western Bay Of Plenty District		28			
4	Rotorua District		18			
4	South Taranaki District		11			
4	Otorohanga District		5			
4	Marlborough District		14			
4	Hauraki District		14			
4	Kaikoura District		5			
4	Waikato District		48			
4	Selwyn District		24			
3	Timaru District		10			
3	New Plymouth District		13			
3	Christchurch City		18			
3	Waimakariri District		14			
3	Central Hawkes Bay District		6			
3	Waipa District		16			
3	Carterton District		3			
3	Upper Hutt City		5			
3	Hamilton City		4			
3	Nelson City		3			
3	Kapiti Coast District		7			
3	Ashburton District		9			
3	Invercargill City		3			
2	Napier City		3			
2	Palmerston North City		4			
2	Kawerau District		0			
2	Tauranga City		6			
2	Auckland Urban West		5			
2	Hutt City		4			
1	Porirua City		3			
1	Auckland Urban South		12			
1	Wellington City		4			
1	Auckland Urban North		6			
0	Auckland Urban Central		6			
	Auckland Gulf Islands		1			
	AUCKLAND COUNCIL					
	Chatham Islands Council		0.4			

## Motorcyclist involved

2018 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
352	South Wairarapa District		4	182	NORTHLAND	29
289	Grey District		5	102	AUCKLAND	121
281	Stratford District		3	123	WAIKATO	68
264	Buller District		4	124	BAY OF PLENTY	32
251	Kaipara District		6	164	TARANAKI	14
241	Kawerau District		1	126	MANAWATU WANGANUI	32
195	Thames-Coromandel District	1 STDEV	7	119	GISBORNE	5
179	Auckland Rural North		18	119	HAWKE'S BAY	20
176	Tararua District		5	135	WELLINGTON	43
169	Otorohanga District		2	131	TASMAN NELSON MARLBOROUGH	18
165	Nelson City		6	220	WEST COAST	11
163	Upper Hutt City	0.5 STDEV	4	83	CANTERBURY	62
153	Whangarei District		12	130	OTAGO	31
150	Wanganui District		5	64	SOUTHLAND	7
149	Wairoa District		2			
148	Central Otago District		6	109	NATIONAL	494
143	Hastings District		12			
143	Far North District		10			
140	Wellington City		17			
139	Masterton District		2			
139	Waitaki District		5			
138	Palmerston North City		7			
128	Matamata-Piako District		7			
127	Queenstown-Lakes District		6			
125	South Waikato District		5			
125	Waikato District	MEAN	19			
124	Rangitikei District		4			
123	Opotiki District		2			
121	Christchurch City		36			
120	Waimakariri District		7			
120	Dunedin City		10			
120	Manawatu District		5			
119	Gisborne District		5			
119	Tasman District		7			
119	Hamilton City		11			
117	Invercargill City		4			
115	Clutha District		4			
115	Hutt City		7			
113	Rotorua District		8			
111	Auckland Urban West		11			
110	Taupo District		7			
109	Marlborough District		5			
108	Westland District		2			
108	Waitomo District		2			
108	New Plymouth District		7			
105	Hurunui District		4			
105	Auckland Rural South		10			
103	South Taranaki District		3			
102	Tauranga City		12			
101	Napier City		5			
100	Auckland Urban Central		44			
98	Horowhenua District		3			
85	Kapiti Coast District		4			
85	Whakatane District		3			
81	Central Hawkes Bay District		2			
81	Western Bay Of Plenty District		6			
81	Hauraki District		3			
81	Waimate District		1			
79	Kaikoura District		1			
79	Ruapehu District		2			
77	Waipa District		5			
76	Porirua City		4			
76	Selwyn District		7			
71	Timaru District		3			
63	Auckland Urban South		20			
54	Auckland Urban North		16			
50	Mackenzie District		1			
48	Southland District		3			
42	Ashburton District		2			
29	Gore District		0			
12	Carterton District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

## Cyclist involved

2018 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
25	Westland District		1	7	NORTHLAND
20	Grey District		1	9	AUCKLAND
20	Taupo District		3	8	WAIKATO
19	Gisborne District		3	8	BAY OF PLENTY
17	Auckland Urban Central		25	9	TARANAKI
16	Nelson City		5	2	MANAWATU WANGANUI
14	Invercargill City	1 STDEV	3	19	GISBORNE
12	Auckland Urban West		5	7	HAWKE'S BAY
12	South Taranaki District		1	5	WELLINGTON
12	Queenstown-Lakes District		3	10	TASMAN NELSON MARLBOROUGH
11	Hastings District		5	18	WEST COAST
11	Tauranga City		4	3	CANTERBURY
10	Rotorua District		2	7	OTAGO
10	Auckland Urban North		8	5	SOUTHLAND
10	Mackenzie District		0		
10	Kawerau District		0	7	NATIONAL
10	Waitomo District	0.5 STDEV	0		
9	New Plymouth District		3		
9	Wellington City		13		
9	Hamilton City		6		
9	Dunedin City		8		
9	Waipa District		2		
9	South Wairarapa District		1		
8	Far North District		2		
8	Buller District		0		
8	Whangarei District		2		
8	Napier City		2		
7	Whakatane District		1		
7	Hauraki District		1		
7	Thames-Coromandel District		1		
7	Christchurch City	MEAN	33		
7	Waikato District		2		
7	Stratford District		0		
7	Carterton District		0		
7	Wairoa District		0		
6	Tasman District		2		
6	Marlborough District		2		
6	Western Bay Of Plenty District		1		
6	Auckland Urban South		8		
6	Waitaki District		1		
6	Wanganui District		2		
5	Kapiti Coast District		2		
5	Kaikoura District		0		
5	Opotiki District		0		
5	Matamata-Piako District		1		
5	Palmerston North City		4		
5	Kaipara District		0		
5	Auckland Rural South		1		
5	Hutt City		3		
4	Auckland Rural North		1		
4	Porirua City		1		
3	Clutha District		0		
3	Central Otago District		1		
3	Central Hawkes Bay District		0		
3	Timaru District		2		
3	Ruapehu District		0		
3	Waimakariri District		2		
2	South Waikato District		0		
2	Manawatu District		1		
2	Masterton District		0		
2	Selwyn District		1		
2	Horowhenua District		0		
1	Upper Hutt City		0		
1	Ashburton District		0		
1	Hurunui District		0		
0	Gore District		0		
0	Otorohanga District		0		
0	Rangitikei District		0		
0	Southland District		0		
0	Tararua District		0		
0	Waimate District		0		
	Auckland Gulf Islands		0		
	Chatham Islands Council		0		

## Pedestrian involved

2018 Register

PERSONAL RISK	Ranking	Standard Deviation	COLLECTIVE RISK	PERSONAL RISK	Road Safety Regions	COLLECTIVE RISK
DSI/Mhrs	Territorial Authority		5yr AVG DSI	DSI/Mhrs		5yr AVG DSI
5	Mackenzie District		1	2	NORTHLAND	13
4	Hauraki District		2	1	AUCKLAND	113
4	Kaikoura District		1	2	WAIKATO	26
4	Whangarei District		9	2	BAY OF PLENTY	18
3	Wairoa District		1	2	TARANAKI	7
3	Opotiki District		1	2	MANAWATU WANGANUI	14
3	Invercargill City		4	2	GISBORNE	3
3	South Waikato District		2	2	HAWKE'S BAY	9
3	Southland District		2	1	WELLINGTON	28
3	Western Bay Of Plenty District	1 STDEV	3	1	TASMAN NELSON MARLBOROUGH	8
3	Matamata-Piako District		2	0	WEST COAST	0
3	Far North District		4	2	CANTERBURY	38
3	Stratford District		1	1	OTAGO	22
2	Rotorua District		5	3	SOUTHLAND	6
2	Dunedin City		16			
2	Whakatane District		2	2	NATIONAL	308
2	Tararua District		1			
2	Gore District		1			
2	Horowhenua District	0.5 STDEV	2			
2	Palmerston North City		6			
2	Auckland Urban South		38			
2	Hamilton City		10			
2	Wanganui District		3			
2	Auckland Urban Central		44			
2	Gisborne District		3			
2	Nelson City		5			
2	Hastings District		5			
2	Waitaki District		2			
2	Tauranga City		6			
2	Waitomo District		1			
2	Christchurch City		29			
2	Thames-Coromandel District	MEAN	1			
1	New Plymouth District		5			
1	Queenstown-Lakes District		3			
1	Waikato District		3			
1	Manawatu District		1			
1	Waipa District		2			
1	Taupo District		1			
1	Auckland Urban West		9			
1	Napier City		3			
1	Ruapehu District		1			
1	Auckland Urban North		16			
1	South Taranaki District		1			
1	Timaru District		3			
1	Ashburton District		2			
1	Wellington City		14			
1	Masterton District		1			
1	Auckland Rural North		3			
1	Kapiti Coast District		3			
1	Westland District		0			
1	Auckland Rural South		3			
1	Hutt City		6			
1	Marlborough District		2			
1	Rangitikei District		0			
1	Otorohanga District		0			
1	Upper Hutt City		2			
1	Central Otago District		1			
1	Kaipara District		0			
1	Waimakariri District		2			
0	Selwyn District		1			
0	Porirua City		2			
0	Buller District		0			
0	Tasman District		1			
0	Clutha District		0			
0	Hurunui District		0			
0	Central Hawkes Bay District		0			
0	South Wairarapa District		0			
0	Carterton District		0			
0	Grey District		0			
0	Kawerau District		0			
0	Waimate District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Distraction (crash factor: attention diverted)

2018 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	South Taranaki District		5	1	NORTHLAND	10
1	Dunedin City		11	0	AUCKLAND	52
1	South Wairarapa District		1	1	WAIKATO	36
1	Hauraki District		4	1	BAY OF PLENTY	18
1	Ruapehu District		2	1	TARANAKI	9
1	Central Otago District		3	1	MANAWATU WANGANUI	17
1	Carterton District		1	0	GISBORNE	2
1	Invercargill City		3	1	HAWKE'S BAY	10
1	Western Bay Of Plenty District		6	1	WELLINGTON	13
1	Buller District		1	1	TASMAN NELSON MARLBOROUGH	8
1	Waimakariri District	1 STDEV	5	1	WEST COAST	3
1	South Waikato District		3	1	CANTERBURY	35
1	Wanganui District		3	1	OTAGO	19
1	Horowhenua District		3	1	SOUTHLAND	6
1	Palmerston North City		4			
1	Waimate District		1	1	NATIONAL	238
1	Kawerau District		0			
1	Stratford District		1			
1	Hastings District	0.5 STDEV	6			
1	Matamata-Piako District		3			
1	Marlborough District		3			
1	Whakatane District		3			
1	Thames-Coromandel District		2			
1	Westland District		1			
1	Upper Hutt City		2			
1	Whangarei District		5			
1	Christchurch City		17			
1	Mackenzie District		1			
1	Rangitikei District		2			
1	Rotorua District		4			
1	Grey District		1			
1	Hamilton City	MEAN	6			
1	Timaru District		3			
1	Nelson City		2			
1	Waikato District		9			
1	Napier City		2			
1	Selwyn District		4			
1	Auckland Rural South		5			
1	Waipa District		3			
1	Waitomo District		1			
1	Clutha District		2			
1	Central Hawkes Bay District		1			
1	Opotiki District		1			
1	Tasman District		3			
1	New Plymouth District		4			
1	Auckland Urban West		6			
0	Auckland Rural North		5			
0	Far North District		4			
0	Taupo District		3			
0	Hurunui District		2			
0	Southland District		3			
0	Kaipara District		1			
0	Auckland Urban South		14			
0	Waitaki District		1			
0	Tauranga City		5			
0	Tararua District		1			
0	GISBORNE DISTRICT		2			
0	Gore District		1			
0	Manawatu District		1			
0	Hutt City		2			
0	Kapiti Coast District		2			
0	Masterton District		1			
0	Wellington City		4			
0	Wairoa District		0			
0	Auckland Urban Central		15			
0	Ashburton District		2			
0	Queenstown-Lakes District		1			
0	Auckland Urban North		7			
0	Porirua City		1			
0	Otorohanga District		0			
0	Kaikoura District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

# Fatigue

2018 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
2	Wairoa District		3	1	NORTHLAND	16
2	Kawerau District		1	0	AUCKLAND	28
1	Buller District		2	1	WAIKATO	37
1	Opotiki District		2	1	BAY OF PLENTY	19
1	Manawatu District		5	0	TARANAKI	3
1	Ruapehu District		3	1	MANAWATU WANGANUI	19
1	Waitaki District		4	1	GISBORNE	3
1	Kaipara District		3	1	HAWKE'S BAY	12
1	South Waikato District	1 STDEV	4	0	WELLINGTON	9
1	Western Bay Of Plenty District		7	0	TASMAN NELSON MARLBOROUGH	6
1	Waimate District		1	1	WEST COAST	5
1	Rangitikei District		3	0	CANTERBURY	20
1	Matamata-Piako District		5	1	OTAGO	14
1	Hastings District		7	0	SOUTHLAND	6
1	Whangarei District		8			
1	Rotorua District	0.5 STDEV	6	0	NATIONAL	196
1	Clutha District		3			
1	Far North District		6			
1	Gisborne District		3			
1	Westland District		2			
1	Taupo District		5			
1	Southland District		5			
1	Hurunui District		3			
1	Hauraki District		3			
1	Otorohanga District		1			
1	Waikato District		11			
1	Auckland Rural North		7			
1	Whakatane District		3			
1	Central Otago District		2			
1	Kaikoura District		1			
1	Tasman District		3			
1	Mackenzie District		1			
1	Horowhenua District		3			
1	Wanganui District	MEAN	2			
1	Waipa District		4			
1	Stratford District		1			
1	Masterton District		1			
1	Tararua District		2			
0	South Wairarapa District		1			
0	Central Hawkes Bay District		1			
0	Grey District		1			
0	Kapiti Coast District		2			
0	Selwyn District		4			
0	Queenstown-Lakes District		2			
0	Thames-Coromandel District		1			
0	Marlborough District		2			
0	Ashburton District		2			
0	Waimakariri District		2			
0	Dunedin City		3			
0	Carterton District		0			
0	South Taranaki District		1			
0	Auckland Rural South		3			
0	Hutt City		2			
0	Auckland Urban South		10			
0	Napier City		1			
0	Porirua City		1			
0	Waitomo District		1			
0	Nelson City		1			
0	Hamilton City		2			
0	Invercargill City		1			
0	New Plymouth District		1			
0	Christchurch City		4			
0	Gore District		0			
0	Auckland Urban Central		6			
0	Timaru District		1			
0	Upper Hutt City		0			
0	Wellington City		1			
0	Palmerston North City		1			
0	Auckland Urban West		1			
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)

2018 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
19	Dunedin City		13	8	NORTHLAND	11
19	Buller District		3	7	AUCKLAND	45
18	Selwyn District		6	7	WAIKATO	26
17	Masterton District		3	6	BAY OF PLENTY	15
15	Palmerston North City		5	6	TARANAKI	6
14	Ruapehu District		2	10	MANAWATU WANGANUI	19
13	Hutt City		5	7	GISBORNE	2
12	Invercargill City		4	6	HAWKE'S BAY	8
12	Western Bay Of Plenty District		7	8	WELLINGTON	16
12	Otorohanga District	1 STDEV	1	6	TASMAN NELSON MARLBOROUGH	6
11	Horowhenua District		5	12	WEST COAST	5
11	Kaipara District		2	8	CANTERBURY	40
11	Queenstown-Lakes District		2	10	OTAGO	21
11	Christchurch City		21	8	SOUTHLAND	7
11	Hamilton City		5			
10	Whangarei District		7	8	NATIONAL	226
10	South Waikato District		3			
10	Waimakariri District		4			
10	Nelson City	0.5 STDEV	3			
10	Grey District		1			
9	Auckland Rural North		6			
9	Matamata-Piako District		5			
9	Opotiki District		1			
9	Waitaki District		3			
9	Kaikoura District		1			
9	Westland District		1			
8	Manawatu District		3			
8	Wanganui District		2			
8	Auckland Urban West		4			
8	Stratford District	MEAN	1			
8	Hastings District		4			
7	Tararua District		2			
7	Whakatane District		2			
7	Upper Hutt City		1			
7	Ashburton District		3			
7	Southland District		3			
7	Gisborne District		2			
7	New Plymouth District		4			
7	Auckland Urban South		10			
7	Clutha District		2			
7	Auckland Urban Central		14			
6	Waimate District		1			
6	Wairoa District		1			
6	Tasman District		2			
6	Porirua City		1			
6	Auckland Rural South		4			
6	Kapiti Coast District		3			
6	Waipa District		3			
5	Taupo District		3			
5	Central Hawkes Bay District		1			
5	Timaru District		2			
5	Napier City		2			
5	Carterton District		0			
5	Waikato District		3			
5	South Wairarapa District		0			
5	Waitomo District		1			
5	Central Otago District		1			
4	Hurunui District		1			
4	Auckland Urban North		8			
4	Hauraki District		2			
4	Tauranga City		5			
4	Rangitikei District		1			
4	Far North District		2			
4	Gore District		1			
4	South Taranaki District		1			
4	Wellington City		2			
3	Thames-Coromandel District		1			
2	Marlborough District		1			
2	Mackenzie District		0			
1	Rotorua District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

## Restraints (seatbelt not worn)

2018 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
2	Wairoa District		3	1	NORTHLAND	18
2	Far North District		11	0	AUCKLAND	36
1	Masterton District		3	0	WAIKATO	26
1	Kaipara District		3	1	BAY OF PLENTY	9
1	Waimate District		2	1	TARANAKI	4
1	Kawerau District		0	0	MANAWATU WANGANUI	10
1	Carterton District		1	1	GISBORNE	3
1	Opotiki District		1	1	HAWKE'S BAY	9
1	Mackenzie District		1	1	WELLINGTON	12
1	Stratford District	1 STDEV	1	0	TASMAN NELSON MARLBOROUGH	4
1	Gisborne District		3	0	WEST COAST	3
1	Waitomo District		2	0	CANTERBURY	20
1	Waitaki District		3	0	OTAGO	12
1	Tararua District	0.5 STDEV	2	1	SOUTHLAND	6
1	Taupo District		4			
1	South Wairarapa District		1	0	NATIONAL	173
1	Horowhenua District		2			
1	Buller District		1			
1	Gore District		1			
1	Dunedin City		5			
1	South Taranaki District		2			
1	Hastings District		4			
1	Southland District		4			
1	Waikato District		8			
1	Western Bay Of Plenty District		4			
1	Auckland Rural North		5			
1	Manawatu District		2			
1	Clutha District		2			
1	South Waikato District	MEAN	2			
1	Waimakariri District		3			
0	Auckland Rural South		4			
0	Westland District		1			
0	Whakatane District		2			
0	Hutt City		3			
0	Whangarei District		3			
0	Matamata-Piako District		2			
0	Kapiti Coast District		2			
0	Central Hawkes Bay District		1			
0	Auckland Urban West		4			
0	Upper Hutt City		1			
0	Hauraki District		2			
0	Wanganui District		1			
0	Invercargill City		1			
0	Otorohanga District		1			
0	Ruapehu District		1			
0	Thames-Coromandel District		1			
0	Ashburton District		2			
0	Waipa District		2			
0	Hamilton City		3			
0	Selwyn District		3			
0	Marlborough District		1			
0	Hurunui District		1			
0	Queenstown-Lakes District		1			
0	Tasman District		1			
0	Christchurch City		8			
0	Auckland Urban South		9			
0	Timaru District		1			
0	Rangitikei District		1			
0	New Plymouth District		1			
0	Central Otago District		1			
0	Nelson City		1			
0	Auckland Urban Central		9			
0	Porirua City		1			
0	Grey District		0			
0	Napier City		1			
0	Rotorua District		1			
0	Auckland Urban North		4			
0	Palmerston North City		1			
0	Wellington City		1			
0	Tauranga City		1			
0	Kaikoura District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			