

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, 2014-2018.

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 inclusive) of light vehicles (car/wagon, SUV, van, ute excluding parked 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 from some previous registers: the calculation used is counts of DSI where a driver was proven to be over the legal alcohol limit (ie cause codes 103, 105, 109, 221 are used), whereas before 2017 it included alcohol suspected.

The topic speed uses the road safety report group Travel Speed, which includes driving too fast for conditions, not just over speed limit.

Pedestrians includes people on foot, wheeled pedestrians, and skateboarders.

Intersections are defined as either at a road intersection, or at a road feature that is not a driveway, or neither exactly at a road intersection nor a road feature but the crash distance is less than 10m.

Overview

All deaths & serious casualties 1

High strategic priority

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

Medium strategic priority

Cyclists 10

Pedestrians 11

Distraction (attention diverted) 12

Fatigue 13

Emerging strategic priority

Older road users (aged 75yrs and over) 14

Restraints (seatbelt not worn) 15

All deaths and serious casualties

2019 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
14	Wairoa District		17	10	NORTHLAND	181
12	Waitomo District		25	6	AUCKLAND	652
11	Kaipara District		30	7	WAIKATO	381
10	Far North District		77	7	BAY OF PLENTY	172
10	Buller District		20	8	TARANAKI	76
10	Gisborne District		38	8	MANAWATŪ-WHANGANUI	188
9	Opotiki District		13	10	GISBORNE	38
9	Masterton District		16	8	HAWKE'S BAY	112
9	Horowhenua District		33	6	WELLINGTON	204
9	Dunedin City		82	6	TASMAN NELSON MARLBOROUGH	94
9	Stratford District	1 STDEV	10	8	WEST COAST	47
9	Auckland Rural North		83	6	CANTERBURY	361
9	Kawerau District		3	7	OTAGO	195
9	Clutha District		29	7	SOUTHLAND	86
9	South Wairarapa District		10			
8	Otorohanga District		9	6	NATIONAL	2789
8	Manawatu District		36			
8	South Waikato District		30			
8	Whangarei District		73			
8	Auckland Rural South	0.5 STDEV	64			
8	Matamata-Piako District		46			
8	Whanganui District		24			
8	Tararua District		22			
7	Waimate District		12			
7	Hastings District		60			
7	Taupo District		45			
7	Southland District		51			
7	Invercargill City		25			
7	Nelson City		26			
7	South Taranaki District		23			
7	Westland District	MEAN	16			
7	Waitaki District		28			
7	Thames-Coromandel District		25			
7	Palmerston North City		35			
7	Western Bay Of Plenty District		51			
7	Grey District		11			
6	Tasman District		39			
6	Rangitikei District		23			
6	New Plymouth District		43			
6	Gore District		10			
6	Ruapehu District		15			
6	Central Otago District		25			
6	Whakatane District		25			
6	Hauraki District		27			
6	Hurunui District		25			
6	Kaikoura District		6			
6	Christchurch City		180			
6	Wellington City		71			
6	Kapiti Coast District		28			
6	Marlborough District		29			
6	Rotorua District		40			
6	Timaru District		28			
6	Hutt City		40			
6	Selwyn District		50			
5	Napier City		24			
5	Waikato District		86			
5	Waimakariri District		31			
5	Upper Hutt City		14			
5	Central Hawkes Bay District		11			
5	Hamilton City		53			
5	Queenstown-Lakes District		31			
5	Auckland Urban West		53			
5	Mackenzie District		9			
5	Waipa District		35			
5	Auckland Urban South		167			
4	Porirua City		21			
4	Auckland Urban Central		194			
4	Carterton District		5			
4	Tauranga City		40			
4	Ashburton District		20			
3	Auckland Urban North		86			
	Auckland Gulf Islands		4			
	Chatham Islands Council		1			

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

2019 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
32	Kaipara District		10	25	NORTHLAND	51
25	Far North District		22	12	AUCKLAND	183
25	Buller District		4	16	WAIKATO	110
24	Thames-Coromandel District		8	15	BAY OF PLENTY	47
22	Clutha District		9	15	TARANAKI	21
22	Central Otago District		8	16	MANAWATŪ-WHANGANUI	53
21	Hauraki District		10	13	GISBORNE	7
21	Invercargill City		9	12	HAWKE'S BAY	27
21	Opotiki District		3	14	WELLINGTON	50
21	Horowhenua District		9	13	TASMAN NELSON MARLBOROUGH	22
20	Auckland Rural North		25	17	WEST COAST	9
20	Carterton District	1 STDEV	2	12	CANTERBURY	94
20	Kapiti Coast District		9	18	OTAGO	55
20	Dunedin City		26	19	SOUTHLAND	30
19	Taupo District		14			
19	Waimate District		3	13	NATIONAL	760
19	Kawerau District		1			
19	Southland District		18			
18	Whanganui District		7			
18	Gore District		3			
18	Matamata-Piako District		14			
18	Whangarei District	0.5 STDEV	20			
17	Auckland Rural South		19			
17	New Plymouth District		13			
17	Stratford District		2			
17	South Wairarapa District		2			
17	Western Bay Of Plenty District		16			
16	Palmerston North City		13			
16	Kaikoura District		2			
16	South Waikato District		8			
15	Timaru District		9			
15	Masterton District	MEAN	3			
15	Hastings District		16			
15	Waitaki District		6			
14	Ruapehu District		4			
14	Tararua District		6			
14	Westland District		3			
14	Waitomo District		4			
14	Manawatu District		8			
14	Rangitikei District		6			
13	Whakatane District		7			
13	Gisborne District		7			
13	Tasman District		9			
13	Nelson City		5			
12	Marlborough District		7			
12	Grey District		2			
12	Napier City		6			
12	South Taranaki District		5			
12	Christchurch City		47			
12	Hurunui District		5			
12	Hutt City		11			
11	Rotorua District		11			
11	Waipa District		10			
11	Hamilton City		18			
11	Otorohanga District		2			
11	Ashburton District		6			
10	Auckland Urban South		53			
10	Central Hawkes Bay District		3			
10	Waikato District		22			
10	Wairoa District		2			
10	Upper Hutt City		3			
10	Selwyn District		12			
10	Queenstown-Lakes District		6			
9	Auckland Urban West		13			
9	Wellington City		14			
9	Waimakariri District		8			
9	Porirua City		5			
8	Tauranga City		10			
8	Auckland Urban Central		46			
8	Mackenzie District		2			
7	Auckland Urban North		27			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Alcohol and/or drugs

2019 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	2	NORTHLAND	37
4	Kawerau District		1	1	AUCKLAND	122
3	Far North District		19	1	WAIKATO	59
2	Waimate District		4	2	BAY OF PLENTY	29
2	Otorohanga District		2	1	TARANAKI	11
2	Gisborne District		8	1	MANAWATŪ-WHANGANUI	30
2	Horowhenua District		7	2	GISBORNE	8
2	Waitomo District		4	2	HAWKE'S BAY	19
2	Auckland Rural North	1 STDEV	17	1	WELLINGTON	28
2	Kaipara District		5	1	TASMAN NELSON MARLBOROUGH	15
2	Buller District		3	1	WEST COAST	7
2	Manawatu District		7	1	CANTERBURY	56
2	Opotiki District		2	1	OTAGO	23
2	Whangarei District	0.5 STDEV	13	1	SOUTHLAND	13
1	Auckland Rural South		12			
1	Grey District		2	1	NATIONAL	456
1	Hauraki District		5			
1	Stratford District		1			
1	Western Bay Of Plenty District		9			
1	Whakatane District		5			
1	South Taranaki District		4			
1	Dunedin City		11			
1	Palmerston North City		6			
1	Thames-Coromandel District		4			
1	Masterton District		2			
1	Whanganui District		4			
1	Nelson City		4			
1	Taupo District	MEAN	7			
1	Auckland Urban West		13			
1	Taranua District		4			
1	Southland District		8			
1	Hastings District		9			
1	Marlborough District		5			
1	Mackenzie District		2			
1	Hurunui District		4			
1	Hutt City		7			
1	Invercargill City		4			
1	Auckland Urban South		35			
1	Matamata-Piako District		6			
1	Westland District		2			
1	Waimakariri District		5			
1	Tasman District		5			
1	Christchurch City		27			
1	South Waikato District		3			
1	Waikato District		14			
1	South Wairarapa District		1			
1	Rotorua District		6			
1	New Plymouth District		5			
1	Timaru District		4			
1	Upper Hutt City		2			
1	Napier City		3			
1	Waipa District		5			
1	Waitaki District		3			
1	Wellington City		9			
1	Kaikoura District		1			
1	Selwyn District		6			
1	Hamilton City		8			
1	Porirua City		3			
1	Gore District		1			
1	Central Hawkes Bay District		2			
1	Clutha District		2			
1	Auckland Urban Central		30			
1	Rangitikei District		2			
1	Queenstown-Lakes District		4			
1	Central Otago District		3			
1	Ashburton District		3			
1	Tauranga City		6			
0	Auckland Urban North		15			
0	Kapiti Coast District		2			
0	Carterton District		1			
0	Ruapehu District		1			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Speed (too fast for the conditions)

2019 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	56
4	Masterton District		6	1	AUCKLAND	157
4	Kaipara District		10	2	WAIKATO	92
4	Far North District		27	2	BAY OF PLENTY	44
4	Buller District		7	2	TARANAKI	17
3	Waitomo District		7	2	MANAWATŪ-WHANGANUI	47
3	Gisborne District		13	3	GISBORNE	13
3	Opotiki District	1 STDEV	4	2	HAWKE'S BAY	29
2	Horowhenua District		9	2	WELLINGTON	51
2	Whanganui District		8	2	TASMAN NELSON MARLBOROUGH	22
2	Auckland Rural North		22	2	WEST COAST	15
2	Westland District		5	1	CANTERBURY	70
2	Taupo District		13	1	OTAGO	34
2	Waimate District		4	1	SOUTHLAND	16
2	Kaikoura District	0.5 STDEV	2			
2	Whangarei District		19	1	NATIONAL	663
2	Auckland Rural South		18			
2	Palmerston North City		10			
2	Hurunui District		8			
2	Hutt City		14			
2	South Waikato District		7			
2	Hauraki District		8			
2	Otorohanga District		2			
2	Nelson City		7			
2	Hastings District		14			
2	Gore District	MEAN	3			
2	Stratford District		2			
2	Whakatane District		6			
2	Rotorua District		11			
2	Manawatu District		7			
2	Grey District		3			
2	Clutha District		5			
2	New Plymouth District		10			
2	Mackenzie District		3			
2	Western Bay Of Plenty District		12			
2	Thames-Coromandel District		6			
2	Napier City		7			
2	Tararua District		5			
2	Rangitikei District		5			
2	Auckland Urban West		16			
2	Tasman District		9			
2	Matamata-Piako District		9			
1	South Taranaki District		5			
1	Invercargill City		5			
1	Ruapehu District		4			
1	Kawerau District		0			
1	Dunedin City		12			
1	Auckland Urban South		46			
1	Queenstown-Lakes District		8			
1	Marlborough District		7			
1	Waikato District		21			
1	Upper Hutt City		4			
1	Porirua City		6			
1	South Wairarapa District		1			
1	Wellington City		14			
1	Southland District		8			
1	Waitaki District		4			
1	Central Otago District		4			
1	Waipa District		8			
1	Christchurch City		33			
1	Hamilton City		12			
1	Timaru District		5			
1	Central Hawkes Bay District		2			
1	Kapiti Coast District		5			
1	Tauranga City		10			
1	Ashburton District		4			
1	Auckland Urban Central		35			
1	Selwyn District		7			
1	Auckland Urban North		18			
1	Waimakariri District		4			
1	Carterton District		1			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Urban intersections

2019 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
6	Matamata-Piako District		5	3	NORTHLAND	16
6	Buller District		2	2	AUCKLAND	193
6	Opotiki District		1	3	WAIKATO	42
5	Dunedin City		26	3	BAY OF PLENTY	23
5	Wairoa District		1	3	TARANAKI	11
5	Waimate District		1	3	MANAWATŪ-WHANGANUI	24
5	Invercargill City		10	3	GISBORNE	6
4	Hauraki District		3	3	HAWKE'S BAY	16
4	Ruapehu District	1 STDEV	1	2	WELLINGTON	52
4	Wellington City		26	3	TASMAN NELSON MARLBOROUGH	15
4	Tararua District		2	4	WEST COAST	4
4	South Taranaki District		3	2	CANTERBURY	93
4	Waipa District		5	3	OTAGO	34
4	Horowhenua District		3	2	SOUTHLAND	11
4	Kawerau District		1			
3	Christchurch City		81	3	NATIONAL	540
3	Whanganui District		6			
3	Taupo District		3			
3	Marlborough District		4			
3	Kaipara District		2			
3	Nelson City		8			
3	Gisborne District	0.5 STDEV	6			
3	Hutt City		15			
3	Rangitikei District		1			
3	Waitaki District		3			
3	Auckland Urban South		64			
3	Whangarei District		10			
3	Far North District		3			
3	Manawatu District		2			
3	Palmerston North City		11			
3	New Plymouth District		8			
3	South Waikato District		2			
3	Hastings District		7			
3	Auckland Urban Central	MEAN	78			
3	Westland District		0			
2	Napier City		7			
2	Tasman District		3			
2	Waikato District		4			
2	Grey District		2			
2	Auckland Rural North		3			
2	Masterton District		2			
2	Stratford District		1			
2	Waitomo District		0			
2	Central Otago District		1			
2	Auckland Urban West		16			
2	Rotorua District		6			
2	Waimakariri District		3			
2	Hamilton City		17			
2	Tauranga City		13			
2	Whakatane District		2			
2	Queenstown-Lakes District		4			
2	Auckland Rural South		4			
2	Kapiti Coast District		4			
2	Central Hawkes Bay District		1			
2	Kaikoura District		0			
2	Selwyn District		2			
2	Timaru District		3			
2	Carterton District		0			
1	Upper Hutt City		2			
1	Clutha District		1			
1	Ashburton District		2			
1	Thames-Coromandel District		1			
1	Auckland Urban North		27			
1	Western Bay Of Plenty District		1			
1	Gore District		0			
1	Porirua City		3			
1	Southland District		0			
1	South Wairarapa District		0			
0	Hurunui District		0			
0	Mackenzie District		0			
0	Otorohanga District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Rural intersections

2019 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		6	1	NORTHLAND	14
3	Manawatu District		10	1	AUCKLAND	33
3	Invercargill City		3	1	WAIKATO	47
3	Selwyn District		19	1	BAY OF PLENTY	16
2	Palmerston North City		4	1	TARANAKI	8
2	Matamata-Piako District		10	1	MANAWATŪ-WHANGANUI	24
2	Carterton District		2	1	GISBORNE	2
2	Central Hawkes Bay District		3	1	HAWKE'S BAY	11
2	Auckland Rural South		11	1	WELLINGTON	15
2	Waimakariri District		8	1	TASMAN NELSON MARLBOROUGH	7
2	Timaru District		5	0	WEST COAST	1
2	South Waikato District	1 STDEV	5	1	CANTERBURY	50
2	Upper Hutt City		2	1	OTAGO	18
1	Auckland Rural North		11	2	SOUTHLAND	12
1	Waitaki District		5			
1	Nelson City	0.5 STDEV	2	1	NATIONAL	257
1	Horowhenua District		4			
1	Western Bay Of Plenty District		9			
1	New Plymouth District		5			
1	Hutt City		3			
1	Kapiti Coast District		3			
1	Christchurch City		9			
1	Southland District		8			
1	Whangarei District		7			
1	Clutha District		3			
1	Hastings District		6			
1	Otorohanga District		1			
1	Masterton District		1			
1	Dunedin City		4			
1	Tararua District	MEAN	2			
1	Hurunui District		4			
1	Waikato District		13			
1	Waimate District		1			
1	Far North District		6			
1	South Wairarapa District		1			
1	Queenstown-Lakes District		3			
1	Gisborne District		2			
1	Waipa District		5			
1	Hauraki District		3			
1	Rotorua District		3			
1	Napier City		1			
1	Rangitikei District		3			
1	Thames-Coromandel District		2			
1	Waitomo District		1			
1	Whakatane District		2			
1	Tasman District		4			
1	Central Otago District		2			
1	Ashburton District		3			
1	South Taranaki District		2			
1	Gore District		1			
1	Porirua City		2			
1	Stratford District		1			
1	Mackenzie District		1			
0	Taupo District		2			
0	Kaipara District		1			
0	Ruapehu District		1			
0	Tauranga City		1			
0	Whanganui District		1			
0	Auckland Urban South		5			
0	Marlborough District		1			
0	Wellington City		2			
0	Grey District		0			
0	Auckland Urban North		3			
0	Auckland Urban West		1			
0	Westland District		1			
0	Kaikoura District		0			
0	Buller District		0			
0	Opotiki District		0			
0	Auckland Urban Central		1			
0	Kawerau District		0			
0	Wairoa District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

All intersections

2019 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	Invercargill City		13	1	NORTHLAND	30
3	Dunedin City		31	2	AUCKLAND	226
3	Christchurch City		90	1	WAIKATO	90
3	Palmerston North City		15	1	BAY OF PLENTY	39
3	Manawatu District		11	1	TARANAKI	19
3	Nelson City		10	2	MANAWATŪ-WHANGANUI	49
3	Hutt City		18	2	GISBORNE	8
2	Matamata-Piako District		15	2	HAWKE'S BAY	27
2	Kawerau District		1	2	WELLINGTON	67
2	Selwyn District		21	2	TASMAN NELSON MARLBOROUGH	22
2	Wellington City	1 STDEV	27	1	WEST COAST	5
2	Hamilton City		23	1	CANTERBURY	142
2	Whanganui District		6	2	OTAGO	52
2	Auckland Urban South		69	2	SOUTHLAND	23
2	New Plymouth District		13			
2	Gisborne District		8	2	NATIONAL	798
2	South Waikato District	0.5 STDEV	7			
2	Napier City		9			
2	Whangarei District		18			
2	Horowhenua District		7			
2	Central Hawkes Bay District		4			
2	Waitaki District		7			
2	Carterton District		2			
2	Auckland Rural South		15			
2	Waimakariri District		11			
2	Auckland Urban Central		79			
2	Timaru District		9			
2	Masterton District		3			
2	Hastings District		13			
2	Auckland Urban West		17			
2	Auckland Rural North		15			
2	Upper Hutt City	MEAN	4			
1	Waipa District		10			
1	Kapiti Coast District		7			
1	Tauranga City		14			
1	Tararua District		4			
1	Rotorua District		9			
1	South Taranaki District		5			
1	Waimate District		2			
1	Western Bay Of Plenty District		10			
1	Hauraki District		6			
1	Far North District		9			
1	Queenstown-Lakes District		7			
1	Southland District		8			
1	Waikato District		17			
1	Clutha District		4			
1	Buller District		2			
1	Marlborough District		6			
1	Stratford District		1			
1	Tasman District		7			
1	Grey District		2			
1	Whakatane District		4			
1	Rangitikei District		4			
1	Thames-Coromandel District		3			
1	Kaipara District		3			
1	Auckland Urban North		30			
1	Otorohanga District		1			
1	Taupo District		5			
1	Hurunui District		4			
1	South Wairarapa District		1			
1	Waitomo District		2			
1	Wairoa District		1			
1	Ashburton District		5			
1	Central Otago District		3			
1	Porirua City		4			
1	Opotiki District		1			
1	Gore District		1			
1	Ruapehu District		2			
1	Kaikoura District		1			
1	Mackenzie District		1			
0	Westland District		1			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

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

2019 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		14	8	NORTHLAND	103
11	Waitomo District		20	3	AUCKLAND	125
10	Gisborne District		23	5	WAIKATO	199
9	Kaipara District		20	4	BAY OF PLENTY	74
8	Masterton District		7	6	TARANAKI	34
8	Buller District		13	5	MANAWATŪ-WHANGANUI	93
8	Clutha District		23	10	GISBORNE	23
8	Stratford District		7	6	HAWKE'S BAY	55
8	Far North District	1 STDEV	49	4	WELLINGTON	41
7	South Wairarapa District		7	4	TASMAN NELSON MARLBOROUGH	41
7	Auckland Rural South		41	6	WEST COAST	31
7	Auckland Rural North		53	4	CANTERBURY	118
7	Otorohanga District		6	5	OTAGO	93
7	Opotiki District		8	5	SOUTHLAND	48
6	Gore District		7			
6	Horowhenua District		18	4	NATIONAL	1078
6	Tararua District		15			
6	Whangarei District		34			
6	South Waikato District		18			
6	Thames-Coromandel District	0.5 STDEV	16			
6	Taupo District		30			
6	Hastings District		32			
6	Waimate District		9			
6	Westland District		12			
6	Whanganui District		8			
5	Southland District		37			
5	Grey District		6			
5	Manawatu District		20			
5	Rangitikei District		16			
5	Central Otago District		18			
5	Waitaki District		16			
5	South Taranaki District		13			
5	Ruapehu District		11			
5	Hurunui District		19			
5	Kaikoura District	MEAN	4			
5	Dunedin City		19			
5	Whakatane District		15			
5	Timaru District		14			
5	Matamata-Piako District		23			
4	Rotorua District		18			
4	Tasman District		22			
4	Hauraki District		16			
4	Western Bay Of Plenty District		28			
4	Marlborough District		15			
4	New Plymouth District		15			
4	Queenstown-Lakes District		16			
4	Kapiti Coast District		9			
4	Mackenzie District		6			
3	Upper Hutt City		5			
3	Waikato District		47			
3	Waipa District		17			
3	Central Hawkes Bay District		6			
3	Waimakariri District		14			
3	Palmerston North City		5			
3	Selwyn District		23			
3	Invercargill City		4			
3	Christchurch City		19			
3	Nelson City		4			
3	Hamilton City		5			
3	Ashburton District		10			
2	Napier City		3			
2	Carterton District		2			
2	Auckland Urban West		5			
1	Tauranga City		5			
1	Hutt City		4			
1	Porirua City		3			
1	Wellington City		5			
1	Auckland Urban South		12			
1	Auckland Urban North		7			
0	Auckland Urban Central		6			
0	Kawerau District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Motorcyclist involved

2019 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
364	South Wairarapa District		4	170	NORTHLAND	31
300	Stratford District		4	116	AUCKLAND	134
269	Wairoa District		3	132	WAIKATO	70
265	Buller District		5	118	BAY OF PLENTY	34
234	Otorohanga District		3	161	TARANAKI	13
232	Grey District		4	123	MANAWATŪ-WHANGANUI	32
213	Kaipara District		6	110	GISBORNE	4
204	Auckland Rural North		19	153	HAWKE'S BAY	22
193	Masterton District	1 STDEV	3	143	WELLINGTON	47
180	Tararua District		5	139	TASMAN NELSON MARLBOROUGH	20
177	Waitomo District		3	210	WEST COAST	12
171	Opotiki District		2	77	CANTERBURY	60
166	Thames-Coromandel District		6	112	OTAGO	31
163	Nelson City		6	74	SOUTHLAND	9
158	Whanganui District	0.5 STDEV	5			
155	Wellington City		19	111	NATIONAL	520
153	Far North District		12			
150	Upper Hutt City		4			
145	Auckland Rural South		12			
145	Whangarei District		13			
141	Hastings District		12			
141	South Waikato District		5			
137	Manawatu District		6			
136	Tasman District		8			
133	Westland District		3			
133	Central Otago District		5			
128	Rangitikei District		4			
128	Palmerston North City		7			
126	Rotorua District	MEAN	9			
124	Dunedin City		11			
120	Waikato District		20			
117	Marlborough District		6			
114	Waitaki District		5			
114	Hauraki District		5			
114	Whakatane District		4			
113	Tauranga City		12			
113	Christchurch City		35			
110	Auckland Urban Central		49			
110	Napier City		5			
110	Gisborne District		4			
109	Matamata-Piako District		7			
108	Auckland Urban West		11			
107	Kawerau District		0			
107	New Plymouth District		7			
107	Hurunui District		5			
106	Waimakariri District		6			
101	Kapiti Coast District		5			
99	Invercargill City		3			
99	Taupo District		6			
97	Queenstown-Lakes District		6			
93	Porirua City		4			
93	Central Hawkes Bay District		2			
93	Hutt City		7			
92	Hamilton City		10			
91	Clutha District		3			
83	Waimate District		1			
80	Southland District		5			
77	South Taranaki District		3			
77	Horowhenua District		3			
76	Kaikoura District		1			
76	Western Bay Of Plenty District		6			
70	Auckland Urban South		23			
70	Selwyn District		6			
64	Waipa District		5			
62	Timaru District		3			
60	Auckland Urban North		18			
56	Ruapehu District		1			
45	Ashburton District		2			
41	Gore District		1			
33	Mackenzie District		1			
0	Carterton District		0			
	Auckland Gulf Islands		2			
	Chatham Islands Council		0			

Cyclist involved

2019 Register

PERSONAL RISK DSI/Mhrs	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/Mhrs	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
22	Westland District		1	7	NORTHLAND	4
20	Auckland Urban Central		26	10	AUCKLAND	51
19	Gisborne District		3	7	WAIKATO	15
18	Taupo District		3	7	BAY OF PLENTY	8
18	Nelson City		6	8	TARANAKI	4
17	Grey District		1	2	MANAWATŪ-WHANGANUI	6
12	Invercargill City		2	19	GISBORNE	3
12	Auckland Urban West	1 STDEV	5	6	HAWKE'S BAY	8
11	Tauranga City		4	6	WELLINGTON	25
11	Auckland Urban North		9	12	TASMAN NELSON MARLBOROUGH	11
11	Wellington City		16	16	WEST COAST	2
11	Napier City		3	3	CANTERBURY	34
10	Hamilton City		6	6	OTAGO	11
10	Waipa District		2	6	SOUTHLAND	3
10	Queenstown-Lakes District		3			
10	Tasman District		3	7	NATIONAL	183
9	Carterton District		1			
9	South Taranaki District		1			
9	Rotorua District		2			
9	Matamata-Piako District	0.5 STDEV	1			
9	Marlborough District		3			
9	Hastings District		4			
8	Buller District		0			
8	Kawerau District		0			
8	Mackenzie District		0			
8	New Plymouth District		3			
7	Dunedin City		7			
7	Whangarei District		2			
7	Kapiti Coast District		2			
7	Whakatane District		1			
7	Waitaki District		1			
7	Far North District	MEAN	1			
6	Western Bay Of Plenty District		1			
6	Auckland Urban South		8			
6	Waikato District		2			
6	Christchurch City		28			
6	Kaipara District		0			
6	Hauraki District		1			
6	Stratford District		0			
6	South Wairarapa District		0			
5	Waitomo District		0			
5	Whanganui District		2			
5	Hutt City		4			
5	Southland District		0			
5	Auckland Rural North		1			
5	Thames-Coromandel District		1			
5	Palmerston North City		3			
4	Kaikoura District		0			
4	Auckland Rural South		1			
3	Porirua City		1			
3	Clutha District		0			
3	Wairoa District		0			
3	Timaru District		2			
3	Central Hawkes Bay District		0			
2	Waimakariri District		2			
2	Masterton District		0			
2	South Waikato District		0			
2	Hurunui District		0			
1	Manawatu District		0			
1	Central Otago District		0			
1	Selwyn District		1			
1	Upper Hutt City		0			
1	Ashburton District		0			
1	Horowhenua District		0			
0	Gore District		0			
0	Opotiki District		0			
0	Otorohanga District		0			
0	Rangitikei District		0			
0	Ruapehu District		0			
0	Tararua District		0			
0	Waimate District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Pedestrian involved

2019 Register

PERSONAL RISK DSI/Mhrs	Ranking Territorial Authority	Standard Deviation	COLLECTIVE RISK 5yr AVG DSI	PERSONAL RISK DSI/Mhrs	Road Safety Regions	COLLECTIVE RISK 5yr AVG DSI
5	Opotiki District		1	2	NORTHLAND	14
4	Mackenzie District		1	1	AUCKLAND	119
4	South Waikato District		3	2	WAIKATO	28
4	Hauraki District		2	2	BAY OF PLENTY	19
4	Wairoa District		1	2	TARANAKI	7
4	Whangarei District		9	2	MANAWATŪ-WHANGANUI	15
3	Stratford District		1	3	GISBORNE	5
3	Western Bay Of Plenty District		4	2	HAWKE'S BAY	9
3	Invercargill City		3	1	WELLINGTON	34
3	Far North District		5	1	TASMAN NELSON MARLBOROUGH	9
3	Dunedin City	1 STDEV	17	1	WEST COAST	0
3	Southland District		2	1	CANTERBURY	35
3	Gisborne District		5	2	OTAGO	25
2	Horowhenua District		2	2	SOUTHLAND	5
2	Auckland Urban Central		47			
2	Hamilton City		11	2	NATIONAL	324
2	Whakatane District		2			
2	Matamata-Piako District		2			
2	Kaikoura District	0.5 STDEV	0			
2	Waitaki District		3			
2	Palmerston North City		6			
2	Rotorua District		4			
2	Waikato District		4			
2	Tauranga City		7			
2	Auckland Urban South		39			
2	Taranaki District		1			
2	Queenstown-Lakes District		4			
2	Nelson City		5			
2	Gore District		1			
2	Rangitikei District		1			
2	Whanganui District		2			
2	Thames-Coromandel District		1			
2	Masterton District	MEAN	2			
2	Hastings District		5			
2	Christchurch City		27			
1	Taupo District		2			
1	Napier City		3			
1	New Plymouth District		5			
1	Waipa District		2			
1	Auckland Urban West		10			
1	Auckland Urban North		17			
1	Wellington City		16			
1	Manawatu District		1			
1	Ruapehu District		1			
1	Kapiti Coast District		3			
1	South Taranaki District		1			
1	Marlborough District		2			
1	Upper Hutt City		3			
1	Auckland Rural North		3			
1	Hutt City		7			
1	Timaru District		2			
1	Buller District		0			
1	Ashburton District		2			
1	Westland District		0			
1	Waimate District		0			
1	Porirua City		2			
1	Waitomo District		0			
1	Tasman District		2			
1	Auckland Rural South		2			
1	Hurunui District		0			
1	Otorohanga District		0			
1	Selwyn District		2			
1	Waimakariri District		1			
1	Kaipara District		0			
1	Clutha District		1			
1	Central Otago District		1			
1	Central Hawkes Bay District		0			
0	Carterton District		0			
0	South Wairarapa District		0			
0	Grey District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Distraction (crash factor: attention diverted)

2019 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	Hauraki District		5	0	NORTHLAND	9
1	Central Otago District		4	0	AUCKLAND	56
1	South Wairarapa District		1	1	WAIKATO	34
1	South Taranaki District		4	1	BAY OF PLENTY	17
1	Whakatane District		3	1	TARANAKI	8
1	Stratford District		1	1	MANAWATŪ-WHANGANUI	16
1	Buller District		1	0	GISBORNE	1
1	Opotiki District		1	0	HAWKE'S BAY	10
1	Dunedin City		7	1	WELLINGTON	15
1	Auckland Rural South		6	1	TASMAN NELSON MARLBOROUGH	9
1	Palmerston North City		4	1	WEST COAST	3
1	Carterton District	1 STDEV	1	0	CANTERBURY	35
1	Masterton District		1	1	OTAGO	16
1	South Waikato District		3	0	SOUTHLAND	6
1	Marlborough District		4			
1	Ruapehu District		2	0	NATIONAL	236
1	Clutha District		2			
1	Nelson City		3			
1	Invercargill City		2			
1	Matamata-Piako District		4			
1	Whanganui District	0.5 STDEV	2			
1	Waimakariri District		4			
1	Hastings District		6			
1	Horowhenua District		2			
1	Western Bay Of Plenty District		5			
1	Rangitikei District		2			
1	Westland District		1			
1	Waimate District		1			
1	Porirua City		3			
1	Selwyn District		5			
1	Whangarei District		5			
1	Napier City		3			
1	Waipa District		4			
1	Waikato District		9			
1	Christchurch City		18			
1	Kawerau District	MEAN	0			
1	New Plymouth District		3			
1	Manawatu District		2			
1	Mackenzie District		1			
1	Grey District		1			
1	Upper Hutt City		1			
0	Rotorua District		4			
0	Thames-Coromandel District		2			
0	Auckland Rural North		5			
0	Waitomo District		1			
0	Auckland Urban South		16			
0	Timaru District		3			
0	Southland District		3			
0	Tasman District		3			
0	Hamilton City		5			
0	Kaipara District		1			
0	Auckland Urban West		4			
0	Central Hawkes Bay District		1			
0	Tauranga City		4			
0	Far North District		3			
0	GISBORNE DISTRICT		1			
0	Kapiti Coast District		2			
0	Auckland Urban Central		16			
0	Hurunui District		2			
0	Wellington City		4			
0	Taupo District		2			
0	Hutt City		2			
0	Waitaki District		1			
0	Wairoa District		0			
0	Auckland Urban North		8			
0	Tararua District		1			
0	Gore District		0			
0	Kaikoura District		0			
0	Ashburton District		1			
0	Otorohanga District		0			
0	Queenstown-Lakes District		1			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Fatigue

2019 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	15
2	Kawerau District		1	0	AUCKLAND	28
1	Waitomo District		2	1	WAIKATO	37
1	South Waikato District		4	1	BAY OF PLENTY	17
1	Kaikoura District		1	0	TARANAKI	4
1	Buller District		2	1	MANAWATŪ-WHANGANUI	17
1	Clutha District		4	1	GISBORNE	3
1	Otorohanga District		1	1	HAWKE'S BAY	11
1	Manawatu District		5	0	WELLINGTON	9
1	Waitaki District	1 STDEV	4	0	TASMAN NELSON MARLBOROUGH	7
1	Kaipara District		3	1	WEST COAST	5
1	Rangitikei District		3	0	CANTERBURY	19
1	Opotiki District		2	1	OTAGO	15
1	Auckland Rural North		8	0	SOUTHLAND	8
1	Westland District		2			
1	Ruapehu District		2	0	NATIONAL	193
1	Hurunui District		3			
1	Southland District		6			
1	Western Bay Of Plenty District	0.5 STDEV	6			
1	Waimate District		1			
1	Tararua District		2			
1	Masterton District		1			
1	Whangarei District		7			
1	Gisborne District		3			
1	Far North District		6			
1	Matamata-Piako District		4			
1	Taupo District		5			
1	Rotorua District		5			
1	Waipa District		5			
1	Hastings District		6			
1	South Wairarapa District		1			
1	Horowhenua District		2			
1	Waikato District	MEAN	10			
1	Thames-Coromandel District		2			
1	Hauraki District		3			
1	Tasman District		3			
1	Whakatane District		3			
1	Ashburton District		2			
1	Central Otago District		2			
1	Invercargill City		2			
1	Whanganui District		2			
0	Stratford District		1			
0	Nelson City		2			
0	Napier City		1			
0	Kapiti Coast District		2			
0	Central Hawkes Bay District		1			
0	Timaru District		2			
0	Marlborough District		2			
0	Dunedin City		3			
0	Grey District		1			
0	Hutt City		2			
0	New Plymouth District		2			
0	South Taranaki District		1			
0	Selwyn District		3			
0	Waimakariri District		2			
0	Queenstown-Lakes District		2			
0	Auckland Rural South		2			
0	Porirua City		1			
0	Auckland Urban South		9			
0	Upper Hutt City		1			
0	Mackenzie District		0			
0	Carterton District		0			
0	Hamilton City		2			
0	Auckland Urban Central		6			
0	Christchurch City		4			
0	Gore District		0			
0	Wellington City		2			
0	Auckland Urban West		1			
0	Auckland Urban North		2			
0	Palmerston North City		0			
0	Tauranga City		1			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Older road users (those aged 75yrs and older)

2019 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
21	Kawerau District		0	9	NORTHLAND	13
16	Dunedin City		11	8	AUCKLAND	47
15	Otorohanga District		1	8	WAIKATO	28
15	Manawatu District		4	10	BAY OF PLENTY	19
15	Masterton District		2	10	TARANAKI	7
14	South Taranaki District		3	11	MANAWATŪ-WHANGANUI	22
14	Auckland Rural North		8	11	GISBORNE	2
14	Western Bay Of Plenty District		9	5	HAWKE'S BAY	8
14	Nelson City		4	9	WELLINGTON	20
14	Palmerston North City		5	9	TASMAN NELSON MARLBOROUGH	9
14	Selwyn District		5	12	WEST COAST	6
13	Waitomo District		1	8	CANTERBURY	39
13	Horowhenua District	1 STDEV	5	9	OTAGO	20
13	Grey District		2	8	SOUTHLAND	7
12	Invercargill City		3			
12	Buller District		2	8	NATIONAL	247
12	Waimate District		2			
11	Tararua District		2			
11	Westland District		2			
11	Kapiti Coast District		6			
11	Ruapehu District	0.5 STDEV	2			
11	Hutt City		5			
11	Gisborne District		2			
10	Kaikoura District		1			
10	South Waikato District		3			
10	Hamilton City		6			
10	Upper Hutt City		2			
10	Stratford District		1			
10	Whangarei District		7			
10	Christchurch City		21			
9	Waimakariri District		4			
9	Kaipara District		2			
9	Waitaki District		4			
8	Auckland Urban West	MEAN	4			
8	Hastings District		5			
8	Queenstown-Lakes District		2			
8	Whanganui District		2			
7	Southland District		3			
7	Carterton District		1			
7	South Wairarapa District		1			
7	Opotiki District		1			
7	New Plymouth District		4			
7	Clutha District		2			
7	Auckland Urban Central		15			
7	Far North District		3			
7	Taupo District		3			
6	Tauranga City		6			
6	Matamata-Piako District		4			
6	Marlborough District		2			
6	Hauraki District		2			
6	Auckland Urban South		9			
6	Ashburton District		3			
6	Wellington City		3			
6	Tasman District		3			
6	Whakatane District		2			
6	Central Otago District		2			
5	Napier City		2			
5	Waikato District		4			
5	Waipa District		3			
5	Porirua City		1			
5	Auckland Rural South		2			
5	Hurunui District		1			
5	Timaru District		2			
5	Gore District		1			
5	Auckland Urban North		9			
5	Central Hawkes Bay District		1			
4	Rotorua District		1			
3	Rangitikei District		1			
3	Wairoa District		0			
2	Thames-Coromandel District		1			
1	Mackenzie District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Restraints (seatbelt not worn)

2019 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	19
2	Far North District		12	0	AUCKLAND	37
1	Masterton District		3	0	WAIKATO	26
1	Kaipara District		4	1	BAY OF PLENTY	9
1	Waimate District		2	1	TARANAKI	5
1	Horowhenua District		4	1	MANAWATŪ-WHANGANUI	14
1	Opotiki District		1	1	GISBORNE	3
1	Otorohanga District	1 STDEV	1	1	HAWKE'S BAY	10
1	Gisborne District		3	1	WELLINGTON	13
1	Waitomo District		2	0	TASMAN NELSON MARLBOROUGH	5
1	Auckland Rural South		6	0	WEST COAST	2
1	South Taranaki District		2	1	CANTERBURY	24
1	Taupo District		4	0	OTAGO	11
1	Kawerau District		0	1	SOUTHLAND	7
1	Mackenzie District	0.5 STDEV	1			
1	Tararua District		2	0	NATIONAL	185
1	Waitaki District		3			
1	Manawatu District		3			
1	Auckland Rural North		6			
1	South Wairarapa District		1			
1	Buller District		1			
1	Hastings District		5			
1	Clutha District		2			
1	Waimakariri District		3			
1	Hutt City		4			
1	Whakatane District		2			
1	Southland District	MEAN	4			
1	Ruapehu District		1			
1	Western Bay Of Plenty District		4			
1	Gore District		1			
1	Carterton District		1			
0	Rangitikei District		2			
0	Stratford District		1			
0	Napier City		2			
0	Timaru District		2			
0	Whangarei District		4			
0	Waikato District		7			
0	Invercargill City		2			
0	Dunedin City		4			
0	Tasman District		2			
0	Thames-Coromandel District		2			
0	Ashburton District		2			
0	South Waikato District		1			
0	Kapiti Coast District		2			
0	Hurunui District		2			
0	Palmerston North City		2			
0	Nelson City		1			
0	Whanganui District		1			
0	New Plymouth District		2			
0	Auckland Urban West		4			
0	Matamata-Piako District		2			
0	Kaikoura District		0			
0	Christchurch City		9			
0	Hauraki District		2			
0	Central Hawkes Bay District		1			
0	Upper Hutt City		1			
0	Selwyn District		2			
0	Hamilton City		3			
0	Auckland Urban South		9			
0	Marlborough District		1			
0	Central Otago District		1			
0	Westland District		1			
0	Rotorua District		1			
0	Waipa District		2			
0	Porirua City		1			
0	Auckland Urban Central		9			
0	Queenstown-Lakes District		1			
0	Wellington City		2			
0	Auckland Urban North		4			
0	Grey District		0			
0	Tauranga City		1			
	Auckland Gulf Islands		0			
	Chatham Islands Council		1			