

Communities at Risk Register

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

Introduction

The Communities at Risk Register has been developed by Waka Kotahi 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 areas of concern.

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 2018-2022. 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 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, 2018-2022.

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 topic is then taken into 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 Waka Kotahi annually by TAs. It is used here by speed zones (open road, zones posted 80 km/h or greater and urban, zones posted less than 80 km/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 Waka Kotahi 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.

For Alcohol & drugs 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.

Particularly for the Cyclist and Pedestrian estimates, the numbers are based on source data some of which has a large range of uncertainty which may cause large fluctuations from year to year.

Overview

All deaths & serious casualties 1

Road Safety Topic Areas

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

Open road intersections (subset of roads & roadsides) 6

All Intersections (subset of roads & roadsides) 7

Open roads (loss of control & head-on - subset of roads & roadsides) 8

Motorcyclists (crashes involving motorcycles & mopeds) 9

Cyclists 10

Pedestrians 11

Distraction (attention diverted) 12

Fatigue 13

Older road users (aged 75yrs and over) 14

Restraints (seatbelt not worn) 15

The Communities at Risk Register can be downloaded from:
<https://www.nzta.govt.nz/resources/communities-at-risk-register/>

All deaths and serious casualties

2023 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	9	NORTHLAND	194
11	Gisborne District		49	5	AUCKLAND	606
11	Far North District		89	8	WAIKATO	419
11	Waitomo District		24	7	BAY OF PLENTY	201
10	Otorohanga District		15	7	TARANAKI	90
10	Horowhenua District		39	8	MANAWATŪ-WHANGANUI	215
10	South Waikato District		41	11	GISBORNE	49
10	Kaipara District		33	8	HAWKE'S BAY	123
9	Whanganui District		31	6	WELLINGTON	199
9	Opotiki District		14	6	TASMAN NELSON MARLBOROUGH	90
9	Whakatane District	1 STDEV	40	6	WEST COAST	33
8	Masterton District		19	5	CANTERBURY	310
8	Hauraki District	0.5 STDEV	30	5	OTAGO	147
7	Manawatu District		37	6	SOUTHLAND	86
7	Matamata-Piako District		48			
7	Taupo District		51			
7	Ruapehu District		17			
7	New Plymouth District		54			
7	Westland District		14			
7	Palmerston North City		40			
7	South Wairarapa District		11			
7	Whangarei District		72			
7	Invercargill City		28			
7	South Taranaki District		25			
7	Stratford District		11			
7	Clutha District		24			
7	Southland District		48			
7	Buller District		11			
7	Rangitikei District		25			
7	Hastings District		62			
7	Central Hawkes Bay District		15			
7	Western Bay Of Plenty District		52			
6	Rotorua District	MEAN	48			
6	Napier City		30			
6	Thames-Coromandel District		31			
6	Kaikoura District		7			
6	Dunedin City		56			
6	Waimate District		10			
6	Wellington City		71			
6	Marlborough District		29			
6	Tasman District		36			
6	Auckland Rural North		67			
6	Nelson City		24			
6	Carterton District		7			
5	Gore District		10			
5	Tararua District		27			
5	Waikato District		83			
5	Auckland Rural South		64			
5	Waipa District		38			
5	Grey District		8			
5	Auckland Urban South		171			
5	Hamilton City		59			
5	Hurunui District		21			
5	Waimakariri District		31			
5	Mackenzie District		8			
5	Central Otago District		21			
5	Kapiti Coast District		23			
5	Auckland Urban West		51			
5	Upper Hutt City		15			
5	Christchurch City		145			
4	Kawerau District		1			
4	Timaru District		24			
4	Waitaki District		22			
4	Selwyn District		43			
4	Hutt City		31			
4	Ashburton District		21			
4	Auckland Urban Central		168			
4	Tauranga City		46			
4	Porirua City		22			
4	Queenstown-Lakes District		24			
3	Auckland Urban North		79			
	Auckland Gulf Islands		6			
	Chatham Islands Council		1			

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

2023 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
34	Kaipara District		12	25	NORTHLAND	54
27	Far North District		24	9	AUCKLAND	155
26	Wairoa District		4	15	WAIKATO	106
26	Horowhenua District		10	12	BAY OF PLENTY	48
24	Ōtorohanga District		5	14	TARANAKI	23
23	Whanganui District		8	17	MANAWATŪ-WHANGANUI	58
20	Whakatane District		11	16	GISBORNE	10
20	Taupo District		15	18	HAWKE'S BAY	33
19	Clutha District	1 STDEV	8	10	WELLINGTON	47
19	Manawatu District		12	10	TASMAN NELSON MARLBOROUGH	17
19	Gore District		4	13	WEST COAST	6
18	Central Hawkes Bay District		5	9	CANTERBURY	72
18	Hauraki District		8	13	OTAGO	40
17	Westland District		3	17	SOUTHLAND	26
17	New Plymouth District		15			
16	Gisborne District		10	12	NATIONAL	695
16	Western Bay Of Plenty District		13			
16	South Waikato District		8			
16	Invercargill City	0.5 STDEV	8			
16	Southland District		14			
15	Napier City		8			
15	Masterton District		5			
15	Thames-Coromandel District		6			
15	Buller District		2			
15	Whangarei District		18			
15	Matamata-Piako District		11			
15	Central Otago District		7			
14	Ōpōtiki District		2			
14	Palmerston North City		12			
14	Hurunui District		6			
14	Kapiti Coast District		7			
14	Hastings District		16			
14	Stratford District		3			
13	Waipa District	MEAN	12			
13	Rotorua District		13			
13	Auckland Rural South		20			
13	South Wairarapa District		2			
13	Ruapehu District		3			
13	Nelson City		6			
12	Rangitikei District		6			
12	Tasman District		8			
12	Timaru District		7			
12	Waitomo District		4			
12	South Taranaki District		5			
12	Waimakariri District		9			
11	Tararua District		7			
11	Auckland Urban South		51			
11	Auckland Urban West		14			
11	Waitaki District		6			
10	Waimate District		2			
10	Wellington City		16			
10	Dunedin City		14			
10	Waikato District		20			
10	Auckland Rural North		15			
10	Ashburton District		6			
9	Hamilton City		17			
9	Upper Hutt City		3			
9	Queenstown-Lakes District		5			
9	Christchurch City		34			
8	Porirua City		7			
7	Auckland Urban Central		36			
7	Hutt City		6			
6	Marlborough District		3			
6	Carterton District		1			
6	Tauranga City		9			
6	Selwyn District		8			
5	Auckland Urban North		20			
5	Grey District		1			
5	Kaikoura District		0			
2	Mackenzie District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Alcohol and/or drugs

2023 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	Ōtorohanga District		5	3	NORTHLAND	50
3	Kaipara District		10	1	AUCKLAND	105
3	Far North District		25	2	WAIKATO	72
2	Gisborne District		10	1	BAY OF PLENTY	42
2	Waitomo District		5	1	TARANAKI	18
2	Horowhenua District		8	1	MANAWATŪ-WHANGANUI	37
2	Whakatane District		9	2	GISBORNE	10
2	Taupo District	1 STDEV	14	1	HAWKE'S BAY	18
2	South Waikato District		7	1	WELLINGTON	25
2	Ōpōtiki District		3	1	TASMAN NELSON MARLBOROUGH	14
2	Western Bay Of Plenty District		13	1	WEST COAST	6
2	Hauraki District		7	1	CANTERBURY	52
2	Rangitikei District		6	1	OTAGO	22
2	Wairoa District		2	1	SOUTHLAND	15
2	Rotorua District		11			
2	New Plymouth District	0.5 STDEV	12	1	NATIONAL	488
1	Whangarei District		15			
1	Masterton District		3			
1	Napier City		6			
1	Whanganui District		4			
1	Westland District		3			
1	Southland District		10			
1	Invercargill City		5			
1	Palmerston North City		7			
1	Ruapehu District		3			
1	Grey District		2			
1	South Taranaki District		5			
1	Thames-Coromandel District		6			
1	Manawatu District		6			
1	Buller District	MEAN	2			
1	Auckland Urban South		35			
1	Stratford District		2			
1	Matamata-Piako District		7			
1	Auckland Urban West		10			
1	Auckland Rural South		11			
1	Hastings District		9			
1	Waimate District		2			
1	Marlborough District		5			
1	Timaru District		5			
1	Waimakariri District		6			
1	Dunedin City		8			
1	Clutha District		3			
1	Nelson City		4			
1	Waitaki District		5			
1	Auckland Rural North		10			
1	Kaikoura District		1			
1	Tasman District		5			
1	Kapiti Coast District		4			
1	Selwyn District		8			
1	Central Otago District		3			
1	Porirua City		4			
1	Christchurch City		24			
1	Ashburton District		3			
1	Waikato District		10			
1	Auckland Urban Central		28			
1	South Wairarapa District		1			
1	Waipa District		5			
1	Tararua District		3			
1	Wellington City		7			
1	Hutt City		5			
1	Hurunui District		2			
1	Hamilton City		6			
1	Queenstown-Lakes District		3			
0	Kawerau District		0			
0	Tauranga City		5			
0	Central Hawkes Bay District		1			
0	Auckland Urban North		10			
0	Upper Hutt City		1			
0	Carterton District		0			
0	Gore District		0			
0	Mackenzie District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Speed (too fast for the conditions)

2023 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	Gisborne District		15	2	NORTHLAND	53
3	Westland District		6	1	AUCKLAND	141
3	Far North District		26	2	WAIKATO	101
3	Whakatane District		13	2	BAY OF PLENTY	59
3	South Waikato District		12	2	TARANAKI	21
3	Whanganui District		9	2	MANAWATŪ-WHANGANUI	50
2	Wairoa District		3	4	GISBORNE	15
2	Ōpōtiki District		4	2	HAWKE'S BAY	32
2	Waitomo District		5	1	WELLINGTON	46
2	Taupo District	1 STDEV	15	1	TASMAN NELSON MARLBOROUGH	20
2	Rotorua District		16	2	WEST COAST	11
2	Kaipara District		7	1	CANTERBURY	63
2	Masterton District		6	1	OTAGO	31
2	Napier City		9	1	SOUTHLAND	19
2	Matamata-Piako District		13			
2	Buller District		4	1	NATIONAL	660
2	Palmerston North City		11			
2	Hauraki District		8			
2	Horowhenua District		8			
2	Western Bay Of Plenty District	0.5 STDEV	15			
2	Whangarei District		20			
2	Ōtorohanga District		3			
2	South Wairarapa District		3			
2	Hastings District		17			
2	South Taranaki District		6			
2	Ruapehu District		4			
2	Stratford District		3			
2	Invercargill City		7			
2	Nelson City		7			
2	Manawatu District	MEAN	8			
2	New Plymouth District		12			
2	Auckland Rural South		17			
2	Southland District		11			
1	Auckland Urban South		50			
1	Auckland Urban West		16			
1	Thames-Coromandel District		7			
1	Dunedin City		13			
1	Mackenzie District		2			
1	Rangitikei District		5			
1	Grey District		2			
1	Carterton District		2			
1	Waipa District		9			
1	Wellington City		15			
1	Kawerau District		0			
1	Tasman District		8			
1	Kapiti Coast District		5			
1	Timaru District		6			
1	Gore District		2			
1	Waimate District		2			
1	Tararua District		5			
1	Waikato District		17			
1	Central Hawkes Bay District		3			
1	Clutha District		4			
1	Upper Hutt City		3			
1	Hurunui District		4			
1	Hutt City		8			
1	Hamilton City		12			
1	Marlborough District		5			
1	Tauranga City		11			
1	Central Otago District		4			
1	Ashburton District		5			
1	Christchurch City		30			
1	Kaikoura District		1			
1	Porirua City		5			
1	Waitaki District		5			
1	Waimakariri District		5			
1	Selwyn District		7			
1	Auckland Rural North		11			
1	Auckland Urban Central		30			
1	Queenstown-Lakes District		5			
1	Auckland Urban North		15			
	Auckland Gulf Islands		2			
	Chatham Islands Council		0			

Urban intersections

2023 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
8	Wairoa District		1	3	NORTHLAND	17
7	Waimate District		1	2	AUCKLAND	171
7	Ōpōtiki District		1	3	WAIKATO	46
6	Buller District		2	3	BAY OF PLENTY	29
6	Whanganui District		10	4	TARANAKI	16
6	Waitomo District		1	4	MANAWATŪ-WHANGANUI	33
6	Rangitikei District		2	4	GISBORNE	7
5	Far North District		7	4	HAWKE'S BAY	21
5	Tararua District		2	2	WELLINGTON	50
5	Stratford District		2	2	TASMAN NELSON MARLBOROUGH	14
5	Horowhenua District		4	3	WEST COAST	3
5	Invercargill City	1 STDEV	12	2	CANTERBURY	75
4	Matamata-Piako District		4	2	OTAGO	25
4	Waitaki District		3	3	SOUTHLAND	14
4	Hauraki District		2			
4	New Plymouth District		12			
4	Gisborne District	0.5 STDEV	7	3	NATIONAL	521
4	Wellington City		25			
4	Palmerston North City		12			
3	Napier City		10			
3	Dunedin City		17			
3	Waikato District		6			
3	Ruapehu District		1			
3	Auckland Rural North		4			
3	South Waikato District		2			
3	Masterton District		3			
3	Gore District	MEAN	1			
3	Auckland Urban South		60			
3	Whakatane District		3			
3	Kawerau District		1			
3	Manawatu District		2			
3	Hastings District		9			
3	Carterton District		1			
3	Central Otago District		1			
3	Nelson City		7			
3	Hamilton City		22			
3	Christchurch City		63			
3	Central Hawkes Bay District		1			
2	Ōtorohanga District		0			
2	Rotorua District		8			
2	Kaipara District		2			
2	Grey District		1			
2	Upper Hutt City		3			
2	Marlborough District		4			
2	South Taranaki District		2			
2	Auckland Urban Central		65			
2	Southland District		1			
2	Selwyn District		4			
2	Auckland Rural South		4			
2	Tasman District		3			
2	Taupo District		2			
2	Whangarei District		8			
2	Kapiti Coast District		4			
2	Tauranga City		14			
2	Hutt City		10			
2	Timaru District		3			
2	Auckland Urban West		13			
2	Western Bay Of Plenty District		1			
2	Waipa District		3			
2	Waimakariri District		2			
1	South Wairarapa District		0			
1	Ashburton District		2			
1	Thames-Coromandel District		2			
1	Auckland Urban North		24			
1	Porirua City		3			
1	Queenstown-Lakes District		3			
1	Clutha District		0			
1	Hurunui District		0			
0	Kaikoura District		0			
0	Mackenzie District		0			
0	Westland District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Open road intersections

2023 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	Palmerston North City		5	1	NORTHLAND	13
2	Waimakariri District		9	0	AUCKLAND	27
2	Ōtorohanga District		2	1	WAIKATO	49
2	Hamilton City		5	1	BAY OF PLENTY	18
2	Manawatu District		9	1	TARANAKI	12
2	Selwyn District		16	1	MANAWATŪ-WHANGANUI	27
2	Horowhenua District		5	1	GISBORNE	2
2	Whakatane District		6	1	HAWKE'S BAY	10
2	New Plymouth District		7	1	WELLINGTON	12
2	Matamata-Piako District		9	1	TASMAN NELSON MARLBOROUGH	11
1	Carterton District	1 STDEV	1	0	WEST COAST	1
1	Nelson City		2	1	CANTERBURY	45
1	South Taranaki District		4	1	OTAGO	12
1	Masterton District		2	1	SOUTHLAND	8
1	Timaru District		5			
1	Ashburton District		5			
1	Hauraki District		4			
1	Central Hawkes Bay District		3			
1	South Waikato District		5			
1	Invercargill City	0.5 STDEV	2			
1	Hutt City		3			
1	Upper Hutt City		2			
1	Waipa District		6			
1	Rotorua District		4			
1	Marlborough District		4			
1	Auckland Rural South		11			
1	Ōpōtiki District		1			
1	Tasman District		5			
1	Hastings District		6			
1	Whangarei District		6			
1	Auckland Rural North		10			
1	Dunedin City		4			
1	Stratford District	MEAN	1			
1	Waikato District		12			
1	Southland District		6			
1	Tararua District		4			
1	Western Bay Of Plenty District		6			
1	Waimate District		1			
1	Far North District		6			
1	Whanganui District		1			
1	Christchurch City		6			
1	Gisborne District		2			
1	South Wairarapa District		1			
1	Wairoa District		1			
1	Napier City		1			
1	Kaipara District		2			
1	Hurunui District		3			
1	Ruapehu District		1			
1	Taupo District		4			
1	Central Otago District		2			
1	Westland District		1			
1	Clutha District		2			
0	Waitomo District		1			
0	Rangitikei District		2			
0	Waitaki District		2			
0	Mackenzie District		1			
0	Queenstown-Lakes District		2			
0	Kapiti Coast District		1			
0	Buller District		0			
0	Thames-Coromandel District		1			
0	Tauranga City		1			
0	Porirua City		1			
0	Auckland Urban South		3			
0	Auckland Urban West		1			
0	Wellington City		1			
0	Kaikoura District		0			
0	Gore District		0			
0	Auckland Urban North		1			
0	Auckland Urban Central		1			
0	Grey District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

All intersections

2023 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	Whanganui District		12	1	NORTHLAND	30
3	Invercargill City		14	1	AUCKLAND	198
3	Palmerston North City		17	1	WAIKATO	95
3	New Plymouth District		19	2	BAY OF PLENTY	48
3	Napier City		11	2	TARANAKI	28
2	Horowhenua District		9	2	MANAWATŪ-WHANGANUI	59
2	Hamilton City		27	2	GISBORNE	9
2	Nelson City	1 STDEV	9	2	HAWKE'S BAY	31
2	Dunedin City		21	2	WELLINGTON	62
2	Wellington City		27	2	TASMAN NELSON MARLBOROUGH	24
2	Gisborne District		9	1	WEST COAST	4
2	Masterton District		5	1	CANTERBURY	121
2	Christchurch City		69	1	OTAGO	37
2	Whakatane District		9	2	SOUTHLAND	23
2	Kawerau District		1			
2	Manawatu District		11	2	NATIONAL	768
2	Ōtorohanga District		3			
2	Matamata-Piako District		13			
2	Stratford District		3			
2	Selwyn District	0.5 STDEV	19			
2	Auckland Urban South		63			
2	Waimakariri District		11			
2	Wairoa District		2			
2	Carterton District		2			
2	Upper Hutt City		5			
2	Ōpōtiki District		3			
2	Rotorua District		12			
2	Hauraki District		6			
2	Hutt City		13			
2	South Taranaki District		6			
2	Far North District		13			
2	South Waikato District		7			
2	Hastings District		15			
2	Auckland Urban Central		66			
2	Timaru District	MEAN	8			
1	Central Hawkes Bay District		3			
1	Marlborough District		8			
1	Whangarei District		14			
1	Ashburton District		7			
1	Buller District		2			
1	Waimate District		2			
1	Tauranga City		15			
1	Tasman District		8			
1	Auckland Urban West		14			
1	Waipa District		10			
1	Auckland Rural South		15			
1	Tararua District		6			
1	Auckland Rural North		14			
1	Waikato District		18			
1	Kaipara District		3			
1	Kapiti Coast District		5			
1	Waitomo District		2			
1	Southland District		7			
1	Western Bay Of Plenty District		8			
1	Rangitikei District		3			
1	Waitaki District		5			
1	South Wairarapa District		1			
1	Grey District		1			
1	Auckland Urban North		25			
1	Ruapehu District		2			
1	Taupo District		6			
1	Gore District		1			
1	Central Otago District		3			
1	Porirua City		4			
1	Hurunui District		3			
1	Queenstown-Lakes District		5			
1	Thames-Coromandel District		3			
1	Clutha District		2			
0	Westland District		1			
0	Mackenzie District		1			
0	Kaikoura District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

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

2023 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
11	Wairoa District		12	7	NORTHLAND	108
11	Gisborne District		26	2	AUCKLAND	105
8	Kaipara District		21	5	WAIKATO	224
8	Waitomo District		16	4	BAY OF PLENTY	86
8	Far North District		53	5	TARANAKI	38
8	Ōtorohanga District		10	5	MANAWATŪ-WHANGANUI	96
7	South Waikato District		25	11	GISBORNE	26
7	Whakatane District		23	6	HAWKE'S BAY	52
7	Masterton District		8	3	WELLINGTON	41
7	Westland District	1 STDEV	11	4	TASMAN NELSON MARLBOROUGH	38
6	Whanganui District		10	5	WEST COAST	23
6	Clutha District		19	3	CANTERBURY	94
6	Horowhenua District		19	4	OTAGO	68
6	Kaikoura District		6	5	SOUTHLAND	44
6	Taupo District		34			
6	Ōpōtiki District		7	4	NATIONAL	1,043
6	Ruapehu District		12			
6	Buller District		8			
6	South Wairarapa District	0.5 STDEV	7			
5	Thames-Coromandel District		19			
5	Stratford District		6			
5	Hauraki District		18			
5	Whangarei District		35			
5	Matamata-Piako District		28			
5	Rotorua District		21			
5	Gore District		6			
5	Southland District		31			
5	South Taranaki District		13			
5	Central Hawkes Bay District		8			
4	Invercargill City		6			
4	Western Bay Of Plenty District		30			
4	Manawatu District	MEAN	19			
4	Grey District		4			
4	Rangitikei District		15			
4	New Plymouth District		18			
4	Hastings District		27			
4	Waipa District		23			
4	Tasman District		20			
4	Mackenzie District		6			
4	Carterton District		3			
4	Waimate District		6			
4	Auckland Rural North		40			
4	Marlborough District		14			
4	Tararua District		16			
3	Timaru District		12			
3	Central Otago District		13			
3	Hurunui District		13			
3	Waikato District		44			
3	Auckland Rural South		34			
3	Nelson City		4			
3	Palmerston North City		6			
3	Kawerau District		0			
3	Waitaki District		13			
3	Waimakariri District		14			
3	Napier City		5			
3	Dunedin City		12			
3	Hamilton City		8			
3	Ashburton District		10			
2	Upper Hutt City		4			
2	Queenstown-Lakes District		10			
2	Kapiti Coast District		7			
2	Selwyn District		16			
1	Christchurch City		11			
1	Hutt City		3			
1	Wellington City		6			
1	Auckland Urban West		3			
1	Porirua City		3			
1	Tauranga City		4			
1	Auckland Urban South		12			
1	Auckland Urban North		7			
1	Auckland Urban Central		8			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Motorcyclist involved

2023 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
370	Wairoa District		5	161	NORTHLAND	33
251	South Wairarapa District		4	101	AUCKLAND	135
223	Westland District		4	132	WAIKATO	75
220	Stratford District		3	139	BAY OF PLENTY	43
207	Whakatane District		9	159	TARANAKI	17
202	Waitomo District		5	137	MANAWATŪ-WHANGANUI	37
199	Whanganui District		6	160	GISBORNE	7
196	Masterton District		4	169	HAWKE'S BAY	23
195	Ōpōtiki District		3	128	WELLINGTON	44
190	Far North District		16	108	TASMAN NELSON MARLBOROUGH	19
183	Thames-Coromandel District		9	162	WEST COAST	9
178	Kaipara District	1 STDEV	6	72	CANTERBURY	54
169	Hauraki District		7	67	OTAGO	20
168	Buller District		3	80	SOUTHLAND	11
166	Ōtorohanga District		3			
160	Gisborne District	0.5 STDEV	7	108	NATIONAL	528
146	Tasman District		10			
146	Rotorua District		11			
142	Auckland Rural North		17			
139	Manawatu District		7			
136	New Plymouth District		10			
136	Horowhenua District		5			
134	Waikato District		20			
127	Wellington City		16			
127	South Waikato District		5			
124	Ruapehu District		3			
123	Palmerston North City		7			
121	Taranua District	MEAN	6			
120	Hastings District		12			
120	South Taranaki District		4			
116	Whangarei District		12			
113	Rangitikei District		4			
113	Central Otago District		5			
108	Auckland Rural South		13			
106	Southland District		7			
106	Tauranga City		13			
101	Upper Hutt City		3			
101	Western Bay Of Plenty District		8			
101	Auckland Urban West		10			
100	Taupo District		7			
98	Napier City		5			
97	Auckland Urban South		32			
97	Auckland Urban Central		42			
96	Grey District		2			
95	Waimate District		2			
94	Carterton District		1			
93	Kapiti Coast District		5			
93	Christchurch City		30			
90	Matamata-Piako District		6			
90	Nelson City		4			
89	Central Hawkes Bay District		2			
89	Hamilton City		10			
89	Marlborough District		5			
83	Timaru District		4			
83	Kawerau District		0			
83	Hutt City		6			
81	Porirua City		5			
78	Selwyn District		8			
77	Hurunui District		3			
76	Dunedin City		8			
75	Invercargill City		3			
75	Waimakariri District		4			
63	Queenstown-Lakes District		4			
60	Auckland Urban North		18			
60	Gore District		1			
60	Waipa District		5			
56	Mackenzie District		1			
52	Kaikoura District		1			
44	Waitaki District		2			
41	Clutha District		1			
35	Ashburton District		2			
	Auckland Gulf Islands		2			
	Chatham Islands Council		0			

Cyclist involved

2023 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
31	Invercargill City		3	7	NORTHLAND	4
22	Southland District		1	5	AUCKLAND	43
19	Queenstown-Lakes District		2	5	WAIKATO	15
19	Whanganui District		4	3	BAY OF PLENTY	12
18	New Plymouth District		4	10	TARANAKI	5
15	Central Otago District		1	8	MANAWATŪ-WHANGANUI	10
15	Dunedin City		5	3	GISBORNE	3
13	Grey District		1	5	HAWKE'S BAY	7
12	Waitaki District	1 STDEV	1	4	WELLINGTON	26
12	Palmerston North City		4	3	TASMAN NELSON MARLBOROUGH	8
11	Waipa District		3	7	WEST COAST	1
10	South Waikato District		1	2	CANTERBURY	35
10	Whangarei District		3	13	OTAGO	9
10	Napier City		4	20	SOUTHLAND	4
10	Auckland Urban Central	0.5 STDEV	22			
9	Manawatu District		1	6	NATIONAL	185
8	Tararua District		1			
8	Wellington City		17			
8	Hamilton City		7			
8	Far North District		1			
7	Gore District		0			
7	South Taranaki District		0			
7	Buller District		0			
6	Christchurch City		28			
6	Tauranga City		8			
6	Stratford District		0			
6	Hastings District	MEAN	3			
6	Central Hawkes Bay District		0			
6	Kapiti Coast District		3			
6	Clutha District		0			
6	Auckland Urban North		8			
5	Horowhenua District		1			
5	Taupo District		1			
5	Matamata-Piako District		1			
5	Ruapehu District		0			
4	Whakatane District		1			
4	Nelson City		4			
4	Kaipara District		0			
4	Timaru District		2			
4	Ōpōtiki District		0			
4	Auckland Rural North		1			
4	Auckland Urban West		3			
4	Waikato District		2			
4	Masterton District		1			
3	Waimate District		0			
3	Auckland Rural South		1			
3	Auckland Urban South		7			
3	GISBORNE DISTRICT		3			
3	Carterton District		0			
3	Rotorua District		1			
2	Western Bay Of Plenty District		1			
2	Upper Hutt City		1			
2	Porirua City		1			
2	Marlborough District		2			
2	Waimakariri District		2			
2	Tasman District		2			
2	Selwyn District		2			
2	Hutt City		2			
2	South Wairarapa District		0			
2	Hauraki District		0			
1	Thames-Coromandel District		0			
1	Ashburton District		0			
1	Hurunui District		0			
0	Kaikoura District		0			
0	Kawerau District		0			
0	Mackenzie District		0			
0	Ōtorohanga District		0			
0	Rangitikei District		0			
0	Wairoa District		0			
0	Waitomo District		0			
0	Westland District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Pedestrian involved

2023 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
8	Ōpōtiki District		2	2	NORTHLAND	14
8	Central Hawkes Bay District		1	2	AUCKLAND	105
6	Whakatane District		4	3	WAIKATO	35
6	Waitomo District		1	4	BAY OF PLENTY	21
5	Napier City		4	2	TARANAKI	7
5	Thames-Coromandel District		3	2	MANAWATŪ-WHANGANUI	18
5	Buller District		1	2	GISBORNE	4
4	Hastings District		4	5	HAWKE'S BAY	10
4	South Waikato District		2	1	WELLINGTON	35
4	Hamilton City	1 STDEV	14	1	TASMAN NELSON MARLBOROUGH	8
4	Wairoa District		0	3	WEST COAST	2
4	Hauraki District		2	1	CANTERBURY	30
4	Taupo District		3	2	OTAGO	19
3	Invercargill City	0.5 STDEV	3	3	SOUTHLAND	6
3	Waikato District		6			
3	Gore District		1	2	NATIONAL	314
3	Mackenzie District		1			
3	Grey District		1			
3	Matamata-Piako District		2			
3	Rotorua District		4			
3	Stratford District		1			
3	Westland District		0			
3	Dunedin City		12			
3	Tauranga City		8			
3	Western Bay Of Plenty District		3			
2	Auckland Urban Central		42			
2	New Plymouth District		5			
2	Waitaki District		2			
2	Whangarei District		8			
2	Ruapehu District	MEAN	1			
2	Kaipara District		2			
2	Queenstown-Lakes District		3			
2	Southland District		2			
2	Whanganui District		4			
2	Palmerston North City		7			
2	Tararua District		1			
2	Rangitikei District		1			
2	Auckland Urban South		33			
2	Clutha District		1			
2	South Taranaki District		1			
2	Gisborne District		4			
2	Christchurch City		24			
2	Ōtorohanga District		0			
2	Horowhenua District		2			
2	Far North District		4			
1	Auckland Rural South		4			
1	Auckland Urban North		16			
1	Auckland Urban West		9			
1	Masterton District		3			
1	Waimate District		0			
1	Carterton District		1			
1	Kaikoura District		0			
1	Wellington City		17			
1	Nelson City		3			
1	Waimakariri District		2			
1	Timaru District		1			
1	Waipa District		1			
1	Hutt City		6			
1	Manawatu District		1			
1	Marlborough District		3			
1	Auckland Rural North		2			
1	Tasman District		2			
1	Central Otago District		0			
1	Upper Hutt City		2			
1	Porirua City		3			
1	Selwyn District		2			
0	Kapiti Coast District		2			
0	Hurunui District		0			
0	Ashburton District		0			
0	Kawerau District		0			
0	South Wairarapa District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Distraction (crash factor: attention diverted)

2023 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	Ōpōtiki District		2	0	NORTHLAND	10
1	Kaikoura District		1	0	AUCKLAND	36
1	Whakatane District		4	0	WAIKATO	25
1	New Plymouth District		5	0	BAY OF PLENTY	14
1	Wairoa District		1	0	TARANAKI	7
1	Whanganui District		2	0	MANAWATŪ-WHANGANUI	10
1	Waitomo District	1 STDEV	1	0	GISBORNE	2
1	Nelson City		2	0	HAWKE'S BAY	7
1	Far North District		4	0	WELLINGTON	12
1	Matamata-Piako District		3	0	TASMAN NELSON MARLBOROUGH	7
1	Porirua City		3	0	WEST COAST	2
0	South Waikato District		2	0	CANTERBURY	20
0	Invercargill City		2	0	OTAGO	7
0	Palmerston North City	0.5 STDEV	3	0	SOUTHLAND	4
0	Manawatu District		2			
0	Gisborne District		2	0	NATIONAL	162
0	Waikato District		7			
0	Buller District		1			
0	Taupo District		3			
0	Central Hawkes Bay District		1			
0	South Taranaki District		1			
0	Kaipara District		1			
0	Napier City		2			
0	Marlborough District		2			
0	Whangarei District		4			
0	Hastings District		4			
0	Timaru District		2			
0	Rotorua District		2			
0	Horowhenua District	MEAN	1			
0	Selwyn District		3			
0	Waimakariri District		2			
0	Tasman District		2			
0	Wellington City		4			
0	Stratford District		1			
0	Auckland Urban South		11			
0	Kapiti Coast District		1			
0	Tauranga City		3			
0	Southland District		2			
0	Auckland Urban West		3			
0	Central Otago District		1			
0	Hamilton City		3			
0	Christchurch City		9			
0	Rangitikei District		1			
0	Waitaki District		1			
0	Thames-Coromandel District		1			
0	Westland District		1			
0	Mackenzie District		0			
0	Masterton District		1			
0	Clutha District		1			
0	Hauraki District		1			
0	Auckland Urban Central		11			
0	Ashburton District		1			
0	Upper Hutt City		1			
0	Western Bay Of Plenty District		2			
0	Hutt City		2			
0	Waipa District		2			
0	Auckland Rural North		3			
0	Dunedin City		2			
0	Tararua District		1			
0	Auckland Rural South		3			
0	Ōtorohanga District		0			
0	South Wairarapa District		0			
0	Grey District		0			
0	Queenstown-Lakes District		1			
0	Hurunui District		1			
0	Auckland Urban North		5			
0	Carterton District		0			
0	Ruapehu District		0			
0	Gore District		0			
0	Waimate District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Fatigue

2023 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	Waitomo District		5	1	NORTHLAND	15
2	Kaikoura District		3	0	AUCKLAND	19
1	Ōtorohanga District		2	1	WAIKATO	36
1	Wairoa District		1	0	BAY OF PLENTY	13
1	Far North District		7	0	TARANAKI	3
1	Rotorua District		7	0	MANAWATŪ-WHANGANUI	10
1	Gisborne District	1 STDEV	4	1	GISBORNE	4
1	Marlborough District		3	0	HAWKE'S BAY	7
1	Taupo District		5	0	WELLINGTON	6
1	South Wairarapa District		1	0	TASMAN NELSON MARLBOROUGH	7
1	South Waikato District		3	0	WEST COAST	2
1	Hurunui District		3	0	CANTERBURY	16
1	Rangitikei District		2	0	OTAGO	7
1	Waipa District	0.5 STDEV	5	0	SOUTHLAND	4
1	Whangarei District		6			
1	Kaipara District		2	0	NATIONAL	151
1	Hauraki District		2			
1	Westland District		1			
1	Clutha District		2			
1	Matamata-Piako District		4			
1	Ōpōtiki District		1			
0	Taranaki District		3			
0	Tasman District		3			
0	Whanganui District		1			
0	Thames-Coromandel District		2			
0	Auckland Rural North		5			
0	Whakatane District	MEAN	2			
0	Waikato District		6			
0	Buller District		1			
0	Southland District		3			
0	Hastings District		4			
0	Ruapehu District		1			
0	Western Bay Of Plenty District		3			
0	Grey District		1			
0	Ashburton District		2			
0	Stratford District		0			
0	Timaru District		2			
0	South Taranaki District		1			
0	Waimate District		0			
0	Central Otago District		1			
0	Gore District		0			
0	Dunedin City		2			
0	Waitaki District		1			
0	Palmerston North City		1			
0	Carterton District		0			
0	Central Hawkes Bay District		1			
0	Manawatu District		1			
0	Selwyn District		2			
0	Masterton District		1			
0	Auckland Urban West		2			
0	New Plymouth District		2			
0	Auckland Urban South		6			
0	Horowhenua District		1			
0	Queenstown-Lakes District		1			
0	Napier City		1			
0	Porirua City		1			
0	Auckland Rural South		2			
0	Hamilton City		1			
0	Mackenzie District		0			
0	Invercargill City		1			
0	Nelson City		1			
0	Upper Hutt City		0			
0	Wellington City		1			
0	Kapiti Coast District		1			
0	Tauranga City		1			
0	Christchurch City		3			
0	Hutt City		1			
0	Waimakariri District		1			
0	Auckland Urban Central		3			
0	Auckland Urban North		1			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Older road users (those aged 75yrs and older)

2023 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	Mackenzie District		2	7	NORTHLAND	15
18	Wairoa District		1	7	AUCKLAND	52
16	Gisborne District		5	7	WAIKATO	33
15	Selwyn District		5	7	BAY OF PLENTY	19
13	Nelson City		5	8	TARANAKI	9
13	Horowhenua District		6	6	MANAWATŪ-WHANGANUI	16
13	Wellington City		7	16	GISBORNE	5
12	South Taranaki District		3	10	HAWKE'S BAY	10
12	Ōtorohanga District	1 STDEV	1	8	WELLINGTON	23
11	Invercargill City		4	9	TASMAN NELSON MARLBOROUGH	13
11	Upper Hutt City		3	7	WEST COAST	3
11	Central Hawkes Bay District		2	8	CANTERBURY	34
10	Waitomo District		2	5	OTAGO	11
10	Masterton District		2	8	SOUTHLAND	8
10	Kawerau District		0			
10	Westland District		2			
10	Hamilton City		6			
9	Auckland Rural North	0.5 STDEV	8			
9	Whangarei District		8			
9	Kaikoura District		1			
9	Hauraki District		4			
8	Carterton District		1			
8	South Waikato District		3			
8	Napier City		4			
8	Southland District		4			
8	Auckland Urban West		4			
8	New Plymouth District		5			
8	Hutt City		3			
7	Auckland Urban South	MEAN	10			
7	Marlborough District		4			
7	Dunedin City		5			
7	Christchurch City		16			
7	Whakatane District		2			
7	Far North District		5			
7	Western Bay Of Plenty District		5			
7	Ōpōtiki District		1			
7	Kapiti Coast District		5			
6	Manawatu District		3			
6	Grey District		1			
6	Queenstown-Lakes District		2			
6	Ruapehu District		1			
6	Whanganui District		2			
6	Tasman District		4			
6	Kaipara District		2			
6	Tauranga City		7			
6	Matamata-Piako District		4			
6	Porirua City		1			
5	Waimate District		1			
5	Auckland Urban Central		14			
5	Auckland Urban North		12			
5	Ashburton District		2			
5	Waikato District		4			
5	Auckland Rural South		4			
5	Waipa District		4			
5	Stratford District		1			
5	Rotorua District		3			
5	Waimakariri District		3			
5	Taupo District		3			
4	Hastings District		3			
4	Hurunui District		2			
4	Palmerston North City		1			
4	Tararua District		2			
4	Thames-Coromandel District		3			
4	Buller District		1			
4	Waitaki District		2			
3	Gore District		1			
3	Timaru District		2			
3	Rangitikei District		1			
3	Clutha District		1			
3	Central Otago District		1			
1	South Wairarapa District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Restrains (seatbelt not worn)

2023 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	Far North District		19	2	NORTHLAND	32
2	Gisborne District		9	0	AUCKLAND	47
2	Waikato District		3	1	WAIKATO	48
2	Ōtorohanga District		2	1	BAY OF PLENTY	24
2	Ōpōtiki District		2	1	TARANAKI	10
2	Kaipara District		5	1	MANAWATŪ-WHANGANUI	25
2	South Waikato District		6	2	GISBORNE	9
2	Whakatane District		7	1	HAWKE'S BAY	13
1	Taupo District		9	1	WELLINGTON	17
1	Wairoa District	1 STDEV	2	0	TASMAN NELSON MARLBOROUGH	6
1	Horowhenua District		5	1	WEST COAST	5
1	Kaikoura District		1	1	CANTERBURY	29
1	Buller District	0.5 STDEV	2	1	OTAGO	14
1	Clutha District		3	1	SOUTHLAND	8
1	Whanganui District		3			
1	Westland District		2			
1	Western Bay Of Plenty District		7	1	NATIONAL	288
1	Ruapehu District		2			
1	Hauraki District		3			
1	Central Hawkes Bay District		2			
1	Waimate District		2			
1	Palmerston North City		5			
1	Grey District		1			
1	Whangarei District		8			
1	South Wairarapa District		1			
1	South Taranaki District		3			
1	Rangitikei District		3			
1	Tararua District		4			
1	Matamata-Piako District		5			
1	New Plymouth District	MEAN	6			
1	Napier City		4			
1	Waimakariri District		4			
1	Manawatu District		4			
1	Rotorua District		5			
1	Stratford District		1			
1	Southland District		5			
1	Waipa District		5			
1	Masterton District		2			
1	Carterton District		1			
1	Thames-Coromandel District		3			
1	Hurunui District		3			
1	Hastings District		6			
1	Gore District		1			
1	Central Otago District		3			
1	Waitaki District		3			
1	Invercargill City		2			
1	Waikato District		8			
1	Auckland Urban West		5			
1	Auckland Rural South		7			
1	Tasman District		4			
1	Upper Hutt City		1			
0	Auckland Rural North		6			
0	Auckland Urban South		16			
0	Ashburton District		3			
0	Hutt City		3			
0	Dunedin City		4			
0	Wellington City		5			
0	Selwyn District		4			
0	Porirua City		2			
0	Marlborough District		2			
0	Mackenzie District		1			
0	Christchurch City		10			
0	Kapiti Coast District		1			
0	Hamilton City		3			
0	Timaru District		2			
0	Tauranga City		3			
0	Auckland Urban Central		10			
0	Nelson City		1			
0	Queenstown-Lakes District		1			
0	Auckland Urban North		3			
0	Kawerau District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		1			