

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 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 2017-2021. 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, 2017-2021.

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 the Transport Agency annually by TAs. It is used here by speed zones (rural, 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 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.


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.


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

 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


 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

2022 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
15	Wairoa District		18	9	NORTHLAND	190
12	Gisborne District		49	5	AUCKLAND	642
12	Otorohanga District		15	8	WAIKATO	423
11	South Waikato District		43	7	BAY OF PLENTY	201
11	Waitomo District		24	7	TARANAKI	87
10	Far North District		86	8	MANAWATŪ-WHANGANUI	210
10	Kaipara District		33	12	GISBORNE	49
10	Horowhenua District		37	9	HAWKE'S BAY	122
10	Whanganui District		31	6	WELLINGTON	211
10	Masterton District		20	6	TASMAN NELSON MARLBOROUGH	95
10	Opotiki District	1 STDEV	13	7	WEST COAST	37
8	South Wairarapa District		11	5	CANTERBURY	328
8	Ruapehu District		18	6	OTAGO	158
8	Whakatane District	0.5 STDEV	35	7	SOUTHLAND	89
8	Taupo District		51			
8	Hauraki District		30			
8	Buller District		14			
8	Stratford District		11			
7	Palmerston North City		40			
7	New Plymouth District		51			
7	Invercargill City		28			
7	South Taranaki District		24			
7	Westland District		15			
7	Whangarei District		71			
7	Southland District		50			
7	Manawatu District		33			
7	Hastings District		64			
7	Rotorua District		48			
7	Matamata-Piako District		48			
7	Western Bay Of Plenty District		53			
7	Thames-Coromandel District	MEAN	29			
7	Rangitikei District		24			
7	Gore District		11			
7	Dunedin City		63			
6	Kawerau District		2			
6	Waimate District		11			
6	Auckland Rural North		71			
6	Clutha District		22			
6	Auckland Rural South		64			
6	Tasman District		40			
6	Hurunui District		24			
6	Nelson City		26			
6	Central Hawkes Bay District		12			
6	Napier City		27			
6	Wellington City		75			
6	Waitaki District		24			
6	Tararua District		27			
6	Carterton District		6			
5	Marlborough District		29			
5	Hamilton City		61			
5	Waikato District		85			
5	Mackenzie District		10			
5	Central Otago District		22			
5	Waimakariri District		33			
5	Auckland Urban South		185			
5	Upper Hutt City		16			
5	Waipa District		36			
5	Auckland Urban West		56			
5	Kapiti Coast District		25			
5	Grey District		9			
5	Timaru District		26			
5	Christchurch City		152			
5	Selwyn District		46			
4	Porirua City		23			
4	Hutt City		34			
4	Tauranga City		49			
4	Ashburton District		20			
4	Kaikoura District		5			
4	Queenstown-Lakes District		27			
4	Auckland Urban Central		178			
3	Auckland Urban North		83			
	Auckland Gulf Islands		5			
	Chatham Islands Council		1			

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

2022 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
38	Kaipara District		12	26	NORTHLAND	52
26	Buller District		4	10	AUCKLAND	170
24	Wairoa District		3	16	WAIKATO	110
23	Ōtorohanga District		4	11	BAY OF PLENTY	49
23	Far North District		22	15	TARANAKI	22
23	Horowhenua District		10	17	MANAWATŪ-WHANGANUI	58
23	Whanganui District		8	17	GISBORNE	9
22	Gore District		5	16	HAWKE'S BAY	30
22	Hauraki District	1 STDEV	10	12	WELLINGTON	49
20	Central Otago District		8	11	TASMAN NELSON MARLBOROUGH	19
20	Clutha District		8	16	WEST COAST	8
19	Masterton District		5	10	CANTERBURY	83
19	Manawatu District		11	15	OTAGO	45
19	Taupo District		14	19	SOUTHLAND	28
19	South Waikato District		9			
19	Hurunui District		7	12	NATIONAL	732
19	Thames-Coromandel District		7			
18	Invercargill City		9			
18	Southland District		15			
17	Western Bay Of Plenty District	0.5 STDEV	14			
17	Gisborne District		9			
17	New Plymouth District		14			
16	Whakatane District		9			
16	South Wairarapa District		2			
16	Westland District		3			
16	Waitaki District		7			
16	Ōpōtiki District		2			
15	Stratford District		3			
15	Ruapehu District		4			
15	Whangarei District		18			
15	Auckland Rural South		20			
15	Central Hawkes Bay District		3			
14	Timaru District	MEAN	8			
14	Hastings District		17			
13	Rangitikei District		6			
13	Tararua District		7			
13	Palmerston North City		12			
13	Kapiti Coast District		8			
13	Rotorua District		12			
13	Waimate District		3			
12	South Taranaki District		5			
12	Matamata-Piako District		11			
12	Nelson City		6			
12	Carterton District		2			
12	Auckland Rural North		17			
12	Auckland Urban West		17			
12	Napier City		7			
12	Waimakariri District		8			
12	Waitomo District		4			
11	Tasman District		8			
11	Dunedin City		16			
11	Waikato District		23			
11	Auckland Urban South		56			
11	Waipa District		10			
10	Hamilton City		19			
10	Christchurch City		40			
10	Upper Hutt City		3			
10	Queenstown-Lakes District		6			
9	Porirua City		7			
9	Wellington City		15			
8	Ashburton District		6			
8	Marlborough District		5			
8	Hutt City		7			
7	Grey District		1			
7	Tauranga City		10			
7	Selwyn District		10			
7	Auckland Urban Central		39			
5	Auckland Urban North		22			
4	Mackenzie District		1			
0	Kaikoura District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Alcohol and/or drugs

2022 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	51
3	Far North District		26	1	AUCKLAND	123
3	Kaipara District		9	2	WAIKATO	74
3	Gisborne District		11	1	BAY OF PLENTY	39
2	Waitomo District		5	1	TARANAKI	17
2	Horowhenua District		8	1	MANAWATŪ-WHANGANUI	38
2	Hauraki District		8	3	GISBORNE	11
2	Western Bay Of Plenty District	1 STDEV	14	1	HAWKE'S BAY	16
2	Taupo District		12	1	WELLINGTON	29
2	Waimate District		4	1	TASMAN NELSON MARLBOROUGH	15
2	Masterton District		4	1	WEST COAST	6
2	Whanganui District		5	1	CANTERBURY	60
2	Wairoa District		2	1	OTAGO	24
2	Whakatane District		7	1	SOUTHLAND	14
2	Rotorua District		10			
2	South Waikato District		6	1	NATIONAL	517
2	Ōpōtiki District		2			
2	South Taranaki District		5			
2	Whangarei District	0.5 STDEV	15			
1	Stratford District		2			
1	Rangitikei District		5			
1	New Plymouth District		10			
1	Thames-Coromandel District		6			
1	Palmerston North City		7			
1	Southland District		9			
1	Manawatu District		6			
1	Dunedin City	MEAN	11			
1	Auckland Urban West		13			
1	Invercargill City		5			
1	Auckland Rural South		12			
1	Westland District		2			
1	Buller District		2			
1	Auckland Rural North		13			
1	Auckland Urban South		39			
1	Waitaki District		4			
1	Marlborough District		6			
1	Matamata-Piako District		7			
1	Timaru District		5			
1	Napier City		5			
1	Waimakariri District		7			
1	Selwyn District		9			
1	Nelson City		4			
1	Central Otago District		4			
1	South Wairarapa District		1			
1	Tararua District		4			
1	Waikato District		14			
1	Christchurch City		27			
1	Hurunui District		3			
1	Porirua City		4			
1	Ruapehu District		2			
1	Hastings District		8			
1	Grey District		2			
1	Tasman District		6			
1	Waipa District		5			
1	Auckland Urban Central		33			
1	Hutt City		6			
1	Mackenzie District		2			
1	Wellington City		8			
1	Kapiti Coast District		3			
1	Kawerau District		0			
1	Clutha District		2			
1	Ashburton District		3			
1	Hamilton City		7			
1	Kaikoura District		1			
1	Queenstown-Lakes District		3			
0	Upper Hutt City		2			
0	Carterton District		0			
0	Tauranga City		4			
0	Auckland Urban North		13			
0	Central Hawkes Bay District		1			
0	Gore District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Speed (too fast for the conditions)

2022 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		14	3	NORTHLAND	53
3	Wairoa District		5	1	AUCKLAND	152
3	South Waikato District		12	2	WAIKATO	102
3	Far North District		26	2	BAY OF PLENTY	58
3	Masterton District		7	2	TARANAKI	19
3	Whanganui District		9	2	MANAWATŪ-WHANGANUI	49
3	Westland District		6	4	GISBORNE	14
3	Waitomo District		6	2	HAWKE'S BAY	30
3	Buller District		5	2	WELLINGTON	48
3	Whakatane District		12	1	TASMAN NELSON MARLBOROUGH	21
3	Ōpōtiki District		4	2	WEST COAST	12
3	Kaipara District	1 STDEV	8	1	CANTERBURY	67
2	Rotorua District		16	1	OTAGO	34
2	Horowhenua District		9	2	SOUTHLAND	19
2	Taupo District		14			
2	South Wairarapa District		2			
2	Western Bay Of Plenty District	0.5 STDEV	15	1	NATIONAL	679
2	Palmerston North City		11			
2	Whangarei District		19			
2	South Taranaki District		6			
2	Hastings District		17			
2	Ōtorohanga District		2			
2	Hauraki District		8			
2	Stratford District		2			
2	Carterton District		2			
2	Invercargill City		6			
2	Matamata-Piako District		11			
2	Nelson City	MEAN	7			
2	Mackenzie District		3			
2	Auckland Rural South		16			
2	Auckland Urban West		17			
2	Southland District		10			
2	Thames-Coromandel District		6			
2	Napier City		7			
2	Dunedin City		13			
2	Ruapehu District		3			
1	Auckland Urban South		54			
1	Kawerau District		0			
1	New Plymouth District		10			
1	Hurunui District		6			
1	Waipa District		10			
1	Central Otago District		6			
1	Gore District		2			
1	Rangitikei District		5			
1	Waimate District		2			
1	Upper Hutt City		4			
1	Waitaki District		5			
1	Waikato District		20			
1	Timaru District		7			
1	Manawatu District		6			
1	Auckland Rural North		14			
1	Central Hawkes Bay District		3			
1	Tasman District		8			
1	Hamilton City		13			
1	Hutt City		10			
1	Porirua City		6			
1	Marlborough District		6			
1	Tararua District		5			
1	Christchurch City		34			
1	Wellington City		13			
1	Tauranga City		12			
1	Clutha District		3			
1	Queenstown-Lakes District		6			
1	Kapiti Coast District		4			
1	Selwyn District		7			
1	Ashburton District		4			
1	Grey District		1			
1	Auckland Urban Central		32			
1	Waimakariri District		4			
1	Kaikoura District		1			
1	Auckland Urban North		18			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Urban intersections

2022 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
9	Wairoa District		2	3	NORTHLAND	15
9	Waimate District		1	2	AUCKLAND	183
8	Ōpōtiki District		1	3	WAIKATO	45
8	Ruapehu District		1	3	BAY OF PLENTY	30
6	Whanganui District		9	3	TARANAKI	15
6	Tararua District		2	5	MANAWATŪ-WHANGANUI	31
5	Rangitikei District		2	4	GISBORNE	8
5	Waitomo District		1	4	HAWKE'S BAY	22
5	Buller District	1 STDEV	1	2	WELLINGTON	51
5	Horowhenua District		4	3	TASMAN NELSON MARLBOROUGH	15
5	Waitaki District		4	3	WEST COAST	3
5	Invercargill City		12	2	CANTERBURY	79
4	Matamata-Piako District		5	2	OTAGO	26
4	Gisborne District		8	3	SOUTHLAND	13
4	New Plymouth District	0.5 STDEV	12			
4	Hauraki District		2	3	NATIONAL	537
4	Stratford District		1			
3	Dunedin City		18			
3	Carterton District		1			
3	Wellington City		26			
3	Waikato District		6			
3	Far North District		4			
3	Kawerau District		1			
3	Hastings District		10			
3	Palmerston North City		12			
3	Ōtorohanga District		0			
3	Napier City		9			
3	South Waikato District	MEAN	2			
3	Auckland Urban South		66			
3	South Taranaki District		2			
3	Gore District		1			
3	Rotorua District		8			
3	Marlborough District		4			
3	Christchurch City		68			
3	Waipa District		5			
3	Auckland Rural North		4			
3	Kaipara District		2			
3	Taupo District		3			
3	Masterton District		2			
3	Tasman District		4			
2	Nelson City		7			
2	Manawatu District		1			
2	Grey District		1			
2	Auckland Urban Central		69			
2	Whakatane District		3			
2	Hamilton City		20			
2	Upper Hutt City		3			
2	Kapiti Coast District		4			
2	Hutt City		12			
2	Whangarei District		9			
2	Tauranga City		16			
2	Central Otago District		1			
2	Auckland Rural South		4			
2	Auckland Urban West		15			
2	Waimakariri District		3			
2	Ashburton District		2			
2	Selwyn District		3			
1	Western Bay Of Plenty District		1			
1	Timaru District		3			
1	Porirua City		3			
1	Central Hawkes Bay District		0			
1	Thames-Coromandel District		2			
1	Southland District		0			
1	Auckland Urban North		24			
1	Queenstown-Lakes District		3			
1	South Wairarapa District		0			
1	Clutha District		0			
0	Hurunui District		0			
0	Kaikoura District		0			
0	Mackenzie District		0			
0	Westland District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Rural intersections

2022 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		7	1	NORTHLAND	12
3	Palmerston North City		5	1	AUCKLAND	28
2	Ōtorohanga District		2	1	WAIKATO	52
2	Waimakariri District		10	1	BAY OF PLENTY	17
2	Timaru District		6	1	TARANAKI	10
2	Selwyn District		16	1	MANAWATŪ-WHANGANUI	26
2	Manawatu District		8	1	GISBORNE	2
2	Carterton District		2	1	HAWKE'S BAY	9
2	South Waikato District		6	1	WELLINGTON	14
2	New Plymouth District		6	1	TASMAN NELSON MARLBOROUGH	9
2	Horowhenua District	1 STDEV	4	0	WEST COAST	1
1	Whakatane District		4	1	CANTERBURY	48
1	Ashburton District		5	1	OTAGO	13
1	Invercargill City		2	1	SOUTHLAND	10
1	Matamata-Piako District		9			
1	Central Hawkes Bay District		3	1	NATIONAL	250
1	Auckland Rural South	0.5 STDEV	12			
1	Upper Hutt City		2			
1	Nelson City		1			
1	South Taranaki District		3			
1	Masterton District		1			
1	Hutt City		3			
1	Ōpōtiki District		1			
1	Waipa District		6			
1	Hauraki District		4			
1	Southland District		8			
1	Auckland Rural North		10			
1	Whangarei District		6			
1	Rotorua District		3			
1	Tasman District		4			
1	Waimate District		2			
1	Tararua District	MEAN	4			
1	Hurunui District		4			
1	Hastings District		6			
1	Dunedin City		4			
1	Stratford District		1			
1	Western Bay Of Plenty District		6			
1	Waikato District		13			
1	Ruapehu District		2			
1	Whanganui District		1			
1	Marlborough District		3			
1	Clutha District		2			
1	Napier City		1			
1	Kapiti Coast District		2			
1	Waitaki District		2			
1	Taupo District		4			
1	Gisborne District		2			
1	Far North District		5			
1	South Wairarapa District		1			
1	Rangitikei District		2			
1	Thames-Coromandel District		2			
1	Christchurch City		4			
1	Queenstown-Lakes District		3			
1	Central Otago District		2			
1	Kaipara District		1			
0	Westland District		1			
0	Porirua City		1			
0	Mackenzie District		1			
0	Gore District		1			
0	Tauranga City		2			
0	Waitomo District		1			
0	Auckland Urban West		1			
0	Buller District		0			
0	Wellington City		1			
0	Wairoa District		0			
0	Kaikoura District		0			
0	Auckland Urban North		2			
0	Auckland Urban South		2			
0	Auckland Urban Central		1			
0	Grey District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

All intersections

2022 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		14	1	NORTHLAND	27
3	Whanganui District		11	1	AUCKLAND	211
3	Palmerston North City		17	2	WAIKATO	97
3	New Plymouth District		18	2	BAY OF PLENTY	47
2	Kawerau District		1	2	TARANAKI	25
2	Hamilton City		27	2	MANAWATŪ-WHANGANUI	58
2	Horowhenua District		9	2	GISBORNE	9
2	Napier City		10	2	HAWKE'S BAY	31
2	Dunedin City		22	2	WELLINGTON	65
2	Ōtorohanga District	1 STDEV	3	2	TASMAN NELSON MARLBOROUGH	23
2	Christchurch City		72	1	WEST COAST	4
2	Gisborne District		9	1	CANTERBURY	127
2	Wellington City		27	1	OTAGO	39
2	Carterton District		2	2	SOUTHLAND	24
2	Ōpōtiki District		3			
2	Nelson City		9	2	NATIONAL	786
2	Waimakariri District		13			
2	Manawatu District		10			
2	South Waikato District	0.5 STDEV	8			
2	Matamata-Piako District		13			
2	Selwyn District		19			
2	Auckland Urban South		68			
2	Hutt City		15			
2	Masterton District		4			
2	Rotorua District		12			
2	Timaru District		9			
2	Wairoa District		2			
2	Hastings District		16			
2	Whakatane District		7			
2	Upper Hutt City		5			
2	Stratford District		2			
2	Waimate District		3			
2	South Taranaki District	MEAN	5			
2	Auckland Urban Central		70			
1	Ashburton District		7			
1	Auckland Rural South		15			
1	Waitaki District		6			
1	Waipa District		11			
1	Tauranga City		17			
1	Whangarei District		15			
1	Hauraki District		5			
1	Central Hawkes Bay District		3			
1	Auckland Urban West		16			
1	Tararua District		6			
1	Tasman District		8			
1	Ruapehu District		3			
1	Marlborough District		7			
1	Auckland Rural North		14			
1	Kapiti Coast District		6			
1	Buller District		2			
1	Waikato District		18			
1	Far North District		9			
1	Rangitikei District		4			
1	Southland District		8			
1	Taupo District		7			
1	Gore District		2			
1	Kaipara District		3			
1	Western Bay Of Plenty District		7			
1	Porirua City		5			
1	Hurunui District		4			
1	Thames-Coromandel District		4			
1	Grey District		1			
1	Waitomo District		2			
1	Auckland Urban North		26			
1	Queenstown-Lakes District		5			
1	Clutha District		3			
1	Central Otago District		3			
1	South Wairarapa District		1			
0	Westland District		1			
0	Mackenzie District		1			
0	Kaikoura District		0			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

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

2022 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	7	NORTHLAND	106
12	Gisborne District		27	2	AUCKLAND	110
9	South Waikato District		27	6	WAIKATO	220
9	Waitomo District		18	4	BAY OF PLENTY	84
8	Ōtorohanga District		10	5	TARANAKI	38
8	Kaipara District		21	5	MANAWATŪ-WHANGANUI	96
8	Masterton District		8	12	GISBORNE	27
8	Whanganui District		11	6	HAWKE'S BAY	53
7	Far North District	1 STDEV	50	3	WELLINGTON	41
7	Stratford District		7	4	TASMAN NELSON MARLBOROUGH	38
7	South Wairarapa District		7	5	WEST COAST	25
7	Whakatane District		21	3	CANTERBURY	106
6	Horowhenua District		18	4	OTAGO	71
6	Westland District		12	5	SOUTHLAND	47
6	Buller District		9			
6	Taupo District		34	4	NATIONAL	1,064
6	Ruapehu District		12			
6	Gore District	0.5 STDEV	8			
6	Thames-Coromandel District		16			
6	Whangarei District		35			
6	Clutha District		18			
6	Rotorua District		22			
5	Invercargill City		7			
5	Hauraki District		18			
5	South Taranaki District		13			
5	Southland District		33			
5	Ōpōtiki District		6			
5	Hastings District		28			
5	Western Bay Of Plenty District		31			
5	Matamata-Piako District	MEAN	27			
5	Waimate District		8			
4	Waitaki District		14			
4	New Plymouth District		18			
4	Auckland Rural North		43			
4	Central Hawkes Bay District		7			
4	Hurunui District		16			
4	Rangitikei District		14			
4	Auckland Rural South		36			
4	Timaru District		14			
4	Mackenzie District		7			
4	Manawatu District		17			
4	Tasman District		20			
4	Tararua District		17			
4	Nelson City		5			
4	Central Otago District		15			
4	Palmerston North City		7			
4	Grey District		4			
4	Waipa District		20			
4	Hamilton City		8			
4	Kawerau District		0			
3	Marlborough District		14			
3	Carterton District		3			
3	Dunedin City		13			
3	Waimakariri District		15			
3	Kaikoura District		3			
3	Waikato District		44			
3	Upper Hutt City		5			
3	Napier City		4			
3	Selwyn District		21			
2	Queenstown-Lakes District		11			
2	Ashburton District		9			
2	Kapiti Coast District		7			
2	Christchurch City		14			
1	Auckland Urban West		3			
1	Hutt City		3			
1	Wellington City		5			
1	Porirua City		3			
1	Tauranga City		4			
1	Auckland Urban South		12			
1	Auckland Urban North		8			
0	Auckland Urban Central		7			
	Auckland Gulf Islands		1			
	Chatham Islands Council		0			

Motorcyclist involved

2022 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
434	Wairoa District		5	162	NORTHLAND	31
279	South Wairarapa District		4	106	AUCKLAND	139
246	Stratford District		3	137	WAIKATO	74
238	Masterton District		5	134	BAY OF PLENTY	39
209	Ōpōtiki District		3	174	TARANAKI	17
202	Waitomo District		4	127	MANAWATŪ-WHANGANUI	34
199	Kaipara District		6	173	GISBORNE	7
193	Ōtorohanga District		3	190	HAWKE'S BAY	23
191	Westland District	1 STDEV	4	143	WELLINGTON	48
188	Thames-Coromandel District		8	133	TASMAN NELSON MARLBOROUGH	21
187	Far North District		15	172	WEST COAST	10
173	Buller District		3	71	CANTERBURY	52
173	Gisborne District		7	73	OTAGO	21
171	Auckland Rural North	0.5 STDEV	19	70	SOUTHLAND	10
156	Hauraki District		6			
154	Whakatane District		7	109	NATIONAL	528
153	South Waikato District		6			
152	Grey District		3			
150	Tasman District		9			
144	Whanganui District		5			
141	Wellington City		18			
139	South Taranaki District		4			
139	Hastings District		12			
138	New Plymouth District		9			
138	Palmerston North City		8			
137	Rotorua District		10			
133	Nelson City		6			
131	Upper Hutt City		4			
131	Manawatu District		6			
129	Tararua District		6			
124	Auckland Rural South	MEAN	12			
123	Waikato District		19			
121	Horowhenua District		4			
119	Tauranga City		14			
117	Rangitikei District		4			
116	Marlborough District		6			
110	Auckland Urban West		13			
107	Ruapehu District		2			
104	Porirua City		5			
104	Napier City		4			
102	Matamata-Piako District		7			
102	Central Otago District		4			
101	Whangarei District		10			
101	Taupo District		7			
99	Kapiti Coast District		5			
97	Kawerau District		0			
96	Invercargill City		4			
92	Waimate District		2			
92	Christchurch City		29			
91	Auckland Urban Central		44			
89	Auckland Urban South		32			
89	Hamilton City		10			
86	Hutt City		7			
86	Western Bay Of Plenty District		6			
85	Dunedin City		8			
83	Central Hawkes Bay District		2			
79	Timaru District		4			
79	Southland District		6			
76	Selwyn District		7			
76	Hurunui District		3			
72	Waimakariri District		5			
69	Queenstown-Lakes District		5			
64	Waitaki District		3			
63	Waipa District		4			
61	Kaikoura District		1			
61	Carterton District		1			
54	Auckland Urban North		17			
45	Mackenzie District		1			
44	Clutha District		2			
41	Ashburton District		2			
36	Gore District		1			
	Auckland Gulf Islands		3			
	Chatham Islands Council		0			

Cyclist involved

2022 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
23	Napier City		4	14	NORTHLAND	4
18	Southland District		1	6	AUCKLAND	47
18	New Plymouth District		4	5	WAIKATO	15
17	Whangarei District		3	6	BAY OF PLENTY	12
16	Invercargill City		2	12	TARANAKI	5
15	Hastings District		4	6	MANAWATŪ-WHANGANUI	9
14	Whanganui District		3	3	GISBORNE	4
14	Stratford District		0	10	HAWKE'S BAY	8
13	Far North District		1	5	WELLINGTON	28
13	Tauranga City		8	3	TASMAN NELSON MARLBOROUGH	10
13	Waipa District	1 STDEV	3	6	WEST COAST	1
11	Auckland Urban Central		23	3	CANTERBURY	35
11	Queenstown-Lakes District		2	6	OTAGO	10
11	Kaipara District		0	14	SOUTHLAND	3
10	South Waikato District		1			
10	Grey District		1	6	NATIONAL	192
10	Wellington City		17			
9	Ōpōtiki District		0			
9	Palmerston North City	0.5 STDEV	4			
8	Hamilton City		6			
8	Dunedin City		6			
7	Taupo District		1			
7	Gore District		0			
7	Christchurch City		28			
7	Waitaki District		1			
7	Kapiti Coast District		3			
7	Auckland Urban North		9			
7	Western Bay Of Plenty District		2			
6	Carterton District	MEAN	1			
6	Matamata-Piako District		1			
6	South Taranaki District		1			
5	Auckland Urban West		4			
5	Buller District		0			
5	Rotorua District		2			
5	Mackenzie District		0			
5	Waimate District		0			
5	Auckland Rural North		1			
4	Tararua District		0			
4	Whakatane District		1			
4	Manawatu District		1			
4	Auckland Rural South		1			
4	Ruapehu District		0			
4	Central Otago District		0			
4	Masterton District		1			
4	Nelson City		5			
4	South Wairarapa District		0			
4	Waikato District		2			
4	Auckland Urban South		8			
3	Timaru District		2			
3	Horowhenua District		1			
3	Upper Hutt City		1			
3	Porirua City		2			
3	Hutt City		3			
3	Gisborne District		4			
3	Waimakariri District		2			
3	Thames-Coromandel District		0			
2	Marlborough District		3			
2	Selwyn District		2			
2	Hauraki District		0			
2	Westland District		0			
2	Tasman District		2			
1	Clutha District		0			
1	Ashburton District		0			
1	Hurunui District		0			
0	Central Hawkes Bay District		0			
0	Kaikoura District		0			
0	Kawerau District		0			
0	Ōtorohanga District		0			
0	Rangitikei District		0			
0	Wairoa District		0			
0	Waitomo District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Pedestrian involved

2022 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
11	Ōpōtiki District		2	5	NORTHLAND	14
6	Whakatane District		4	2	AUCKLAND	111
5	Wairoa District		1	3	WAIKATO	35
5	Far North District		6	4	BAY OF PLENTY	21
5	Thames-Coromandel District		3	3	TARANAKI	7
5	Hauraki District		2	2	MANAWATŪ-WHANGANUI	17
5	Kaipara District		2	2	GISBORNE	5
4	Whangarei District		7	4	HAWKE'S BAY	10
4	Central Hawkes Bay District	1 STDEV	1	1	WELLINGTON	35
4	Stratford District		1	1	TASMAN NELSON MARLBOROUGH	9
4	Mackenzie District		1	2	WEST COAST	2
4	Hamilton City		14	1	CANTERBURY	32
4	Taupo District		3	2	OTAGO	20
4	Napier City		4	3	SOUTHLAND	5
3	Gore District		1			
3	South Waikato District	0.5 STDEV	2	2	NATIONAL	322
3	Whanganui District		4			
3	Waitomo District		1			
3	Waikato District		6			
3	Matamata-Piako District		2			
3	Western Bay Of Plenty District		3			
3	New Plymouth District		5			
3	Tauranga City		8			
3	Horowhenua District		3			
3	Rotorua District		4			
3	Taranaki District		1			
3	Invercargill City		3			
3	Palmerston North City		6			
3	Dunedin City		13			
3	Waitaki District		2			
3	Hastings District		4			
3	Kaikoura District		0			
3	Buller District		1			
2	Auckland Urban Central	MEAN	44			
2	Grey District		1			
2	Westland District		0			
2	Southland District		1			
2	Ruapehu District		1			
2	Christchurch City		24			
2	Ōtorohanga District		0			
2	Auckland Urban South		34			
2	Gisborne District		5			
2	Nelson City		4			
2	Waimate District		0			
2	South Taranaki District		1			
2	Queenstown-Lakes District		3			
2	Auckland Urban North		18			
2	Carterton District		1			
2	Auckland Urban West		10			
1	Waipa District		2			
1	Masterton District		3			
1	Marlborough District		3			
1	Rangitikei District		1			
1	Waimakariri District		3			
1	Wellington City		18			
1	Auckland Rural South		3			
1	Manawatu District		1			
1	Clutha District		1			
1	Central Otago District		1			
1	Tasman District		2			
1	Selwyn District		2			
1	Kapiti Coast District		3			
1	Porirua City		3			
1	Hutt City		5			
1	Upper Hutt City		2			
1	Timaru District		1			
0	Auckland Rural North		1			
0	Hurunui District		0			
0	Ashburton District		0			
0	Kawerau District		0			
0	South Wairarapa District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Distraction (crash factor: attention diverted)

2022 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	1	NORTHLAND	11
1	Whakatane District		4	0	AUCKLAND	44
1	Buller District		2	0	WAIKATO	30
1	Nelson City		3	1	BAY OF PLENTY	15
1	New Plymouth District		5	0	TARANAKI	7
1	Westland District		2	0	MANAWATŪ-WHANGANUI	12
1	Far North District		5	0	GISBORNE	2
1	Whanganui District		2	0	HAWKE'S BAY	7
1	Hauraki District		3	0	WELLINGTON	12
1	Taupo District		4	1	TASMAN NELSON MARLBOROUGH	8
1	Invercargill City	1 STDEV	3	1	WEST COAST	3
1	Waikato District		9	0	CANTERBURY	24
1	Mackenzie District		1	0	OTAGO	9
1	Marlborough District	0.5 STDEV	3	0	SOUTHLAND	5
0	Whangarei District		5			
0	Gisborne District		2	0	NATIONAL	189
0	Manawatu District		2			
0	Palmerston North City		3			
0	Hastings District		4			
0	Waimakariri District		3			
0	Wairoa District		0			
0	Waitaki District		2			
0	Central Otago District		2			
0	Masterton District		1			
0	Waitomo District		1			
0	Thames-Coromandel District		2			
0	South Taranaki District		1			
0	Porirua City		2			
0	Stratford District		1			
0	Carterton District		1			
0	South Waikato District		2			
0	Wellington City		5			
0	Central Hawkes Bay District		1			
0	Ruapehu District		1			
0	Horowhenua District		2			
0	Rotorua District	MEAN	3			
0	Kaipara District		1			
0	Selwyn District		4			
0	Hamilton City		4			
0	Christchurch City		12			
0	Dunedin City		4			
0	Napier City		2			
0	Auckland Urban South		14			
0	Western Bay Of Plenty District		3			
0	Auckland Urban West		4			
0	Waipa District		3			
0	Matamata-Piako District		3			
0	Tasman District		2			
0	Auckland Rural North		4			
0	Auckland Rural South		4			
0	Southland District		2			
0	Waimate District		1			
0	Tauranga City		4			
0	Auckland Urban Central		12			
0	Ashburton District		1			
0	Timaru District		1			
0	Hutt City		2			
0	Kapiti Coast District		1			
0	Hurunui District		1			
0	Rangitikei District		1			
0	South Wairarapa District		0			
0	Tararua District		1			
0	Kaikoura District		0			
0	Auckland Urban North		6			
0	Clutha District		1			
0	Gore District		0			
0	Queenstown-Lakes District		1			
0	Grey District		0			
0	Kawerau District		0			
0	Ōtorohanga District		0			
0	Upper Hutt City		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Fatigue

2022 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	13
2	Kaikoura District		2	0	AUCKLAND	20
1	Wairoa District		2	1	WAIKATO	37
1	Gisborne District		5	0	BAY OF PLENTY	13
1	Rotorua District		7	0	TARANAKI	4
1	Ōtorohanga District		1	0	MANAWATŪ-WHANGANUI	11
1	Taupo District		7	1	GISBORNE	5
1	South Waikato District	1 STDEV	3	1	HAWKE'S BAY	9
1	South Wairarapa District		1	0	WELLINGTON	6
1	Hurunui District		3	0	TASMAN NELSON MARLBOROUGH	6
1	Ruapehu District	0.5 STDEV	2	0	WEST COAST	3
1	Kaipara District		2	1	CANTERBURY	18
1	Thames-Coromandel District		3	0	OTAGO	8
1	Far North District		5	0	SOUTHLAND	5
1	Whangarei District		6			
1	Waimate District		1	0	NATIONAL	159
1	Hastings District		5			
1	Westland District		1			
1	Waipa District		4			
1	Tasman District		4			
1	Rangitikei District		2			
1	Western Bay Of Plenty District		4			
0	Matamata-Piako District		4			
0	Tararua District		2			
0	Whanganui District		1			
0	Southland District		4			
0	Buller District	MEAN	1			
0	Waitaki District		2			
0	Waikato District		7			
0	Auckland Rural North		5			
0	Hauraki District		2			
0	Ashburton District		2			
0	Clutha District		1			
0	South Taranaki District		1			
0	Central Hawkes Bay District		1			
0	Manawatu District		2			
0	Gore District		0			
0	Timaru District		2			
0	Marlborough District		1			
0	Central Otago District		1			
0	Whakatane District		1			
0	Masterton District		1			
0	New Plymouth District		2			
0	Selwyn District		3			
0	Stratford District		0			
0	Napier City		1			
0	Porirua City		1			
0	Grey District		0			
0	Queenstown-Lakes District		1			
0	Waimakariri District		2			
0	Invercargill City		1			
0	Horowhenua District		1			
0	Palmerston North City		1			
0	Dunedin City		2			
0	Ōpōtiki District		0			
0	Auckland Urban South		7			
0	Auckland Rural South		2			
0	Nelson City		1			
0	Hutt City		1			
0	Mackenzie District		0			
0	Tauranga City		1			
0	Wellington City		1			
0	Christchurch City		3			
0	Kapiti Coast District		1			
0	Auckland Urban West		1			
0	Hamilton City		1			
0	Auckland Urban Central		4			
0	Upper Hutt City		0			
0	Auckland Urban North		1			
0	Carterton District		0			
0	Kawerau District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Older road users (those aged 75yrs and older)

2022 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	8	NORTHLAND	15
20	Gisborne District		5	7	AUCKLAND	52
16	Wairoa District		1	8	WAIKATO	31
15	Invercargill City		5	9	BAY OF PLENTY	21
14	Nelson City		6	8	TARANAKI	7
13	Westland District		2	7	MANAWATŪ-WHANGANUI	16
13	Kawerau District		0	20	GISBORNE	5
13	Horowhenua District		5	10	HAWKE'S BAY	10
13	Carterton District		1	9	WELLINGTON	23
13	Upper Hutt City		3	9	TASMAN NELSON MARLBOROUGH	12
12	Ōpōtiki District	1 STDEV	1	7	WEST COAST	3
12	Wellington City		6	8	CANTERBURY	34
12	South Taranaki District		3	6	OTAGO	13
12	Selwyn District		4	10	SOUTHLAND	9
12	Ōtorohanga District		1			
11	Ruapehu District		2	7	NATIONAL	253
10	Southland District		4			
10	Hauraki District		4			
10	Napier City	0.5 STDEV	4			
10	Masterton District		2			
9	Central Hawkes Bay District		1			
9	Waimate District		2			
9	Auckland Rural North		7			
9	Whangarei District		8			
9	South Waikato District		2			
9	Waitomo District		1			
9	Kapiti Coast District		6			
9	Auckland Urban West		4			
9	Hamilton City		5			
9	Western Bay Of Plenty District		7			
8	Hutt City		4			
8	Stratford District		1			
8	Tasman District	MEAN	4			
8	Christchurch City		17			
8	Far North District		5			
8	Dunedin City		6			
8	Whakatane District		2			
7	Manawatu District		3			
7	Whanganui District		2			
7	Tauranga City		8			
7	Kaipara District		2			
7	Waitaki District		3			
6	Taupo District		3			
6	Waimakariri District		4			
6	Auckland Urban Central		15			
6	Matamata-Piako District		4			
6	Queenstown-Lakes District		1			
6	Auckland Urban South		9			
6	Grey District		1			
6	Central Otago District		2			
6	Auckland Urban North		13			
6	Hastings District		4			
6	Porirua City		1			
5	Waikato District		4			
5	Waipa District		3			
5	New Plymouth District		3			
5	Rotorua District		2			
5	Gore District		1			
5	Auckland Rural South		3			
5	Ashburton District		2			
4	Palmerston North City		2			
4	Marlborough District		2			
4	Rangitikei District		1			
4	Thames-Coromandel District		2			
4	Hurunui District		1			
3	Timaru District		2			
3	Tararua District		1			
3	South Wairarapa District		0			
2	Buller District		0			
2	Clutha District		1			
0	Kaikoura District		0			
	Auckland Gulf Islands		0			
	Chatham Islands Council		0			

Restrains (seatbelt not worn)

2022 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		16	2	NORTHLAND	29
2	Gisborne District		7	0	AUCKLAND	48
2	Wairoa District		2	1	WAIKATO	41
2	Kaipara District		5	1	BAY OF PLENTY	19
2	South Waikato District		6	1	TARANAKI	9
1	Ōtorohanga District		2	1	MANAWATŪ-WHANGANUI	24
1	Whakatane District		5	2	GISBORNE	7
1	Ōpōtiki District		2	1	HAWKE'S BAY	13
1	Buller District		2	1	WELLINGTON	16
1	Masterton District		3	0	TASMAN NELSON MARLBOROUGH	6
1	Taupo District	1 STDEV	8	1	WEST COAST	4
1	Horowhenua District		4	1	CANTERBURY	28
1	South Wairarapa District		1	1	OTAGO	13
1	Whanganui District		3	1	SOUTHLAND	8
1	Rangitikei District		3			
1	Ruapehu District		2	1	NATIONAL	266
1	Waimate District		2			
1	Waitomo District	0.5 STDEV	2			
1	Gore District		1			
1	Tararua District		4			
1	Whangarei District		8			
1	Kaikoura District		1			
1	South Taranaki District		3			
1	Hastings District		7			
1	Hurunui District		3			
1	Central Otago District		3			
1	Western Bay Of Plenty District		6			
1	Auckland Rural South	MEAN	8			
1	Southland District		5			
1	Manawatu District		3			
1	Carterton District		1			
1	New Plymouth District		5			
1	Hauraki District		2			
1	Clutha District		2			
1	Waipa District		4			
1	Waitaki District		3			
1	Palmerston North City		3			
1	Waikato District		9			
1	Grey District		1			
1	Westland District		1			
1	Tasman District		4			
1	Thames-Coromandel District		2			
1	Rotorua District		4			
1	Stratford District		1			
1	Matamata-Piako District		3			
1	Napier City		3			
1	Mackenzie District		1			
1	Ashburton District		3			
1	Waimakariri District		4			
1	Invercargill City		2			
1	Auckland Rural North		5			
1	Dunedin City		5			
1	Auckland Urban West		5			
0	Central Hawkes Bay District		1			
0	Upper Hutt City		1			
0	Auckland Urban South		16			
0	Kawerau District		0			
0	Wellington City		5			
0	Selwyn District		4			
0	Hutt City		3			
0	Porirua City		1			
0	Timaru District		2			
0	Christchurch City		10			
0	Hamilton City		3			
0	Marlborough District		2			
0	Kapiti Coast District		1			
0	Auckland Urban Central		10			
0	Tauranga City		2			
0	Nelson City		1			
0	Queenstown-Lakes District		1			
0	Auckland Urban North		4			
	Auckland Gulf Islands		1			
	Chatham Islands Council		1			