

Social Vulnerability Indicators for New Zealand 2018 (SVI2018): Indicators for natural hazards, pandemics and other emergencies

Heatmap of percentages, by territorial authority (TA)

The darker orange colours represent the higher (and potentially more vulnerable) values for each indicator. Further indicator details can be found in the 'Indicator definitions' and metadata.



Geographic area		Population context								Social vulnerability indicators 2018 (percentages, %)																																						
		Population (counts)		Population density and rurality		Population - ethnic groups (total response) (%)				Children			Older adults			Pregnant women (proxy)	Having enough money to cope with crises and losses		Social connectedness			Awareness, knowledge and skills to cope with hazards and emergencies		Safe, secure and healthy housing			Enough food and water to cope with shortage		Decision-making	Occupation																		
		Usually resident population	Number of households	Population density (people per sq km)	Population living in rural areas (%)	European	Māori	Pacific peoples	Asian	MELAA (Middle Eastern/Latin American/African)	0-4 years	0-14 years	5-14 years	Households with at least one child aged 0-4 years	Households with at least one child aged 0-14 years	65+ years	75+ years	85+ years	Households with an older adult (65+ years) living alone	0 years	Living in areas of high socioeconomic deprivation (NZDep2018 deciles 9-10)	Unemployed	Not in labour force	Single parent households	Households with no car	Living in rented dwelling	One-person households	Immigrant arrived in past year	Immigrant arrived in past 0-1 years	Doesn't speak English	Households with no cellphone	Households with no internet	Crowded households	People living in crowded households	Dwelling damp (always/sometimes)	Dwelling mouldy (always/sometimes)	Dwelling mouldy (always)	Dwelling mouldy (always)	Living in areas of high socioeconomic deprivation (NZDep2018 deciles 9-10)	Living in rented dwelling	Dwellings with no access to safe running water	Dwellings with no access to a fridge	Dwellings with no access to electricity	Residential voter turnout in 2019 local body elections	Healthcare and social assistance workers (among 15+ years)	Healthcare and social assistance workers (among employed 15+ years)	Primary industry workers (among 15+ years)	Primary industry workers (among employed 15+ years)
Northland region	Far North District	65,250	22,761	9.8	64.4	64.2	48.3	4.8	3.0	0.5	6.5	21.6	15.0	12.0	27.3	19.3	7.0	1.6	13.4	1.2	58.1	6.6	38.7	9.5	5.3	32.7	25.5	0.5	1.1	12.7	22.8	7.7	15.5	31.1	6.0	25.4	7.8	58.1	32.7	5.7	3.3	2.6	47.3	5.5	10.1	7.0	12.8	
	Whangarei District	90,960	32,745	33.5	37.1	77.0	30.1	3.9	4.9	0.5	6.6	21.0	14.4	12.2	28.2	19.1	8.2	2.2	12.9	1.3	34.3	4.7	35.8	9.5	5.8	32.4	24.7	0.7	1.4	0.9	8.3	17.7	5.3	10.3	26.5	3.9	21.6	5.6	34.3	32.4	2.6	2.9	1.4	44.9	8.3	13.9	4.2	7.1
	Kaipara District	22,869	8,748	7.4	70.3	83.3	24.6	3.8	2.8	0.4	6.2	19.3	13.1	10.9	24.2	22.2	8.0	1.7	14.5	1.3	32.9	3.5	38.2	7.4	4.2	29.1	27.3	0.4	0.9	0.7	10.4	21.1	3.7	7.5	23.5	3.3	18.1	4.7	32.9	29.1	4.9	2.7	1.8	44.9	4.6	7.9	13.2	22.7
Auckland	Auckland	1,571,718	496,458	318.1	6.3	53.5	11.5	15.5	28.2	2.3	6.5	20.0	13.4	15.0	33.8	12.0	5.0	1.4	8.0	1.3	21.2	4.1	30.4	8.9	6.6	40.6	18.0	2.2	4.6	4.9	7.4	10.5	8.9	15.8	24.8	4.0	21.2	5.6	21.2	40.6	4.1	3.8	2.4	34.8	5.7	8.7	0.7	1.1
Waikato region	Thames-Coromandel District	29,895	12,471	13.5	32.8	87.9	18.3	2.1	3.4	0.5	4.4	15.0	10.6	7.3	18.4	31.0	11.7	3.0	17.6	0.9	18.6	2.5	43.3	6.5	5.4	26.6	29.7	0.5	1.0	0.4	9.4	20.3	2.9	5.7	16.2	1.6	12.3	2.7	18.6	26.6	3.6	2.0	1.4	53.2	5.3	9.8	3.9	7.2
	Hauraki District	20,022	7,869	15.8	44.4	84.1	22.9	3.0	3.6	0.4	5.7	18.7	13.0	9.7	23.4	23.6	9.6	2.1	15.7	1.0	40.1	4.1	39.2	8.3	4.7	31.3	28.5	0.5	0.8	0.7	9.1	23.5	3.5	7.2	23.6	2.9	18.6	4.5	40.1	31.3	3.1	2.6	1.1	48.6	5.4	9.5	9.7	17.2
	Waikato District	75,618	24,918	17.2	64.4	76.8	26.4	4.2	5.8	0.6	7.1	23.4	16.4	14.5	34.5	12.6	4.5	1.1	7.4	1.4	22.2	4.1	27.9	8.3	3.3	29.5	17.8	0.5	1.0	1.0	6.9	15.3	5.4	9.9	23.4	3.5	18.9	5.1	22.2	29.5	5.1	2.6	1.3	34.5	5.7	8.4	8.1	11.9
	Matamata-Piako District	34,404	12,873	19.6	41.5	84.4	16.7	2.1	5.7	0.7	6.6	20.3	13.8	12.4	26.8	19.7	9.3	2.5	13.2	1.3	14.3	3.2	32.4	7.2	4.2	33.8	24.6	0.7	1.3	0.9	8.2	19.0	3.4	6.6	22.3	3.1	17.6	4.2	14.3	33.8	2.7	3.0	1.3	51.8	3.9	6.1	13.4	20.9
	Hamilton City	160,914	54,858	1457.9	0.0	63.6	23.7	6.1	18.5	2.2	7.2	21.4	14.2	15.2	32.6	11.8	5.1	1.6	9.3	1.4	32.4	5.6	30.8	10.4	7.0	46.2	22.2	1.9	3.8	2.9	8.1	12.9	6.6	11.9	25.1	3.7	20.6	5.4	32.4	46.2	2.6	4.7	1.9	39.3	7.8	12.2	1.2	1.9
	Waipa District	53,241	19,518	36.2	36.8	87.7	14.9	1.8	4.3	0.5	6.3	20.7	14.3	12.4	29.6	17.8	8.1	2.2	11.6	1.2	6.7	3.0	30.1	7.7	3.7	29.1	21.8	0.9	1.8	0.6	6.7	13.8	2.8	5.1	18.9	2.0	14.7	3.3	6.7	29.1	2.1	2.2	1.0	38.3	6.5	9.7	7.9	11.8
	Ōtorohanga District	10,104	3,498	5.1	70.0	77.5	30.0	2.2	4.0	0.3	7.6	22.6	15.0	15.0	31.5	14.6	5.7	1.5	9.5	1.4	19.9	3.6	29.3	6.9	3.4	36.6	23.1	0.4	1.0	1.0	9.5	21.6	4.2	8.7	25.8	3.2	18.9	4.6	19.9	36.6	4.3	3.8	2.3	47.2	4.1	6.1	22.2	33.1
	South Waikato District	24,042	8,511	13.2	25.6	68.7	35.3	12.8	4.2	0.4	7.8	23.0	15.2	13.8	28.8	16.5	6.8	1.6	12.6	1.6	53.8	6.3	35.4	10.1	6.6	36.8	26.8	0.4	0.9	0.9	9.5	22.6	5.8	12.3	28.7	4.4	23.4	6.1	53.8	36.8	2.1	3.6	1.9	37.2	4.9	8.4	11.4	19.5
	Waitomo District	9,303	3,384	2.6	50.8	63.5	44.8	3.7	3.7	0.3	7.0	22.4	15.4	13.0	28.9	15.5	5.9	1.4	11.5	1.4	47.8	3.9	28.8	9.8	6.4	40.4	27.3	0.7	1.4	1.2	17.8	28.4	6.4	13.3	30.3	4.7	24.0	6.2	47.8	40.4	5.2	3.5	2.3	52.2	3.2	4.8	17.2	25.5
	Taupō District	37,203	13,830	5.9	27.2	76.4	29.9	3.2	4.9	0.5	6.5	20.6	14.0	12.3	27.7	19.0	7.6	1.9	12.8	1.3	22.4	3.3	31.6	8.0	4.4	33.6	25.4	0.9	1.7	0.9	6.6	16.3	3.9	7.6	17.6	2.5	13.3	3.6	22.4	33.6	2.1	3.0	1.5	53.9	4.3	6.6	6.7	10.3
Bay of Plenty region	Western Bay of Plenty District	51,321	18,462	26.3	62.2	81.4	19.2	2.7	6.5	0.5	5.4	18.6	13.2	10.3	26.2	21.0	8.3	1.9	11.2	1.1	11.6	2.9	32.6	6.4	2.5	25.3	20.3	0.8	1.7	1.3	6.6	13.8	4.7	9.2	18.4	1.9	14.6	3.2	11.6	25.3	2.1	2.1	1.3	38.9	5.6	8.7	11.5	17.8
	Tauranga City	136,713	50,442	1011.8	0.0	81.7	18.2	2.9	7.6	1.0	6.4	20.2	13.8	12.5	29.1	19.7	9.4	2.7	13.5	1.3	13.1	3.4	34.4	8.6	4.6	33.3	23.3	1.3	2.7	1.3	7.2	12.2	3.9	7.5	16.0	1.8	13.0	3.0	13.1	33.3	1.4	2.7	1.2	41.2	7.2	11.7	1.9	3.1
	Rotorua District	71,877	25,056	29.8	17.8	63.3	40.1	5.4	9.5	0.5	7.0	22.4	15.4	13.5	31.2	14.4	5.9	1.6	11.2	1.3	40.8	6.1	30.0	10.2	6.2	38.0	24.1	1.4	2.8	1.7	8.4	17.2	7.3	13.8	27.0	4.5	22.2	6.0	40.8	38.0	2.3	3.9	1.7	46.3	7.1	11.1	5.3	8.3
	Whakatāne District	35,700	12,468	8.0	37.2	63.2	46.8	3.0	3.4	0.3	7.1	22.4	15.4	12.7	29.5	17.4	6.8	1.7	12.4	1.4	42.1	5.7	34.0	9.7	5.9	33.8	24.3	0.4	1.0	1.2	9.9	20.3	6.5	13.3	25.6	4.8	20.6	6.4	42.1	33.8	2.7	3.0	1.6	52.0	6.4	10.7	8.3	13.8
	Kawerau District	7,146	2,499	302.4	0.0	52.3	61.7	4.6	3.0	0.3	8.0	24.0	16.0	13.6	28.8	19.9	8.3	2.0	14.7	1.6	89.3	10.1	43.1	12.2	8.2	34.9	28.4	0.3	0.7	1.4	9.2	24.5	8.2	18.5	31.2	5.2	25.4	8.2	89.3	34.9	1.0	2.1	1.5	48.9	4.9	10.4	3.6	7.8
	Ōpōtiki District	9,276	3,222	3.0	48.2	50.5	63.7	3.5	2.8	0.3	7.7	22.6	14.9	13.5	27.7	17.9	6.7	1.6	13.2	1.6	69.4	7.3	34.9	10.8	7.1	37.8	26.7	0.8	1.2	1.5	17.7	27.9	9.2	18.8	31.6	6.9	25.9	9.0	69.4	37.8	5.2	3.4	2.3	53.8	4.8	8.2	15.2	26.3
	Gisborne District	47,517	16,410	5.7	27.3	58.1	52.9	4.5	2.8	0.4	7.5	23.7	16.2	14.1	32.0	15.5	6.3	1.8	12.7	1.4	49.3	5.2	32.7	12.6	7.8	40.6	25.6	0.5	1.0	1.4	12.7	21.9	7.7	14.9	26.4	4.1	21.3	5.8	49.3	40.6	3.8	3.5	1.8	50.1	7.2	11.6	11.6	18.6
Hawke's Bay region	Wairoa District	8,367	2,988	2.1	45.9	47.5	65.7	3.3	2.2	0.3	7.6	23.5	15.9	13.3	28.9	17.1	6.2	1.5	13.9	1.5	76.5	7.2	36.1	11.6	8.7	39.0	28.4	0.4	0.8	1.1	19.5	29.5	8.9	17.3	35.6	7.4	27.4	9.0	76.5	39.0	4.8	3.2	2.2	51.3	3.9	6.9	13.4	23.6
	Hastings District	81,537	28,131	15.6	24.5	71.8	27.3	8.0	5.6	0.5	6.6	21.7	15.1	12.7	30.2	16.8	7.1	1.9	12.3	1.3	28.6	3.4	31.5	10.0	6.0	33.6	23.6	1.1	2.1	1.6	9.0	16.6	6.5	12.9	18.8	2.6	14.5	3.7	28.6	33.6	7.2	3.4	1.6	44.1	6.1	9.4	9.2	14.2
	Napier City	62,241	23,670	593.3	0.0	81.2	22.2	3.4	5.0	0.7	6.1	19.8	13.7	11.2	26.8	20.0	8.7	2.5	15.0	1.2	24.1	3.5	34.5	10.4	6.7	33.9	27.5	1.0	1.8	1.0	8.7	16.0	4.2	8.4														