YOUTH AT RISK: IDENTIFYING A TARGET POPULATION (AGES 15-24)

The Integrated Data Infrastructure (IDI) was used to identify the young people aged 15-24 at risk of poor long-term outcomes. As this is the first time some of the data has been used in this way, these are draft figures and further testing of their robustness is required.

IDENTIFYING POOR LONG-TERM OUTCOMES

Measures for each outcome were identified from the data in the IDI.

Economic opportunity



Safety and security



Education



Good health



Receiving a main benefit for five or more years (cumulatively) between the ages of 25-34

Receiving a custodial or community sentence between ages 25-34

Not achieving NCEA Level 2 at school by age 23 Not achieving a Level 4

qualification by age 23

The use of mental health or addiction services or mental health pharmaceuticals when aged 20-22

THE RISK FACTORS MOST ASSOCIATED WITH THOSE OUTCOMES (15-YEAR-OLDS)

From the IDI we have identified the risk factors most associated with each outcome. The risk factors for 15-year-olds are shown below (these change as they age).

Benefit 5+ years	Corrections sentence	No Level 2 by 23	Mental health services		
Received special education services	Caregiver has served a community sentence	Long time on benefit as a child	Notified to CYF as a child		
Ethnicity	Ethnicity	Low school decile	Ethnicity		
Notified to CYF as a child	Notified to CYF as a child	Received special education services	Indicator of mental health illness		
Caregiver benefit receipt and low qualifications	Referred to youth justice	Notified to CYF as a child	Stood down from school		
Long time on benefit as a child			Caregiver benefit receipt and low qualifications		

Risk factors most associated across outcomes (15-year-olds)

Notified to CYF as a child

Ethnicity

Stood down from school

Caregiver benefit receipt and low qualifications Caregiver has served a community sentence

Received special education services

Administrative data alone will not capture all the risks to outcomes

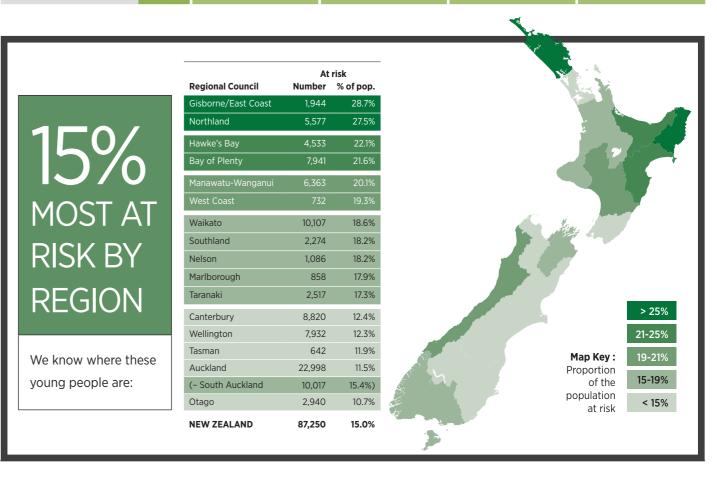
- » Some risks are difficult to measure, not captured by the IDI and/or not fully captured by the IDI. At the time of the analysis, these included: having a caregiver with low educational attainment, being LGBT, involvement with anti-social peers, involvement in a violent relationship, smoking, parents who smoke, problem debt, transience, contact with police, having teen/young parents, living in poor quality housing and low quality teaching/weak school leadership.
- » The data is limited to those who access services so some outcomes are not fully captured, e.g. mental health.

IDENTIFYING THOSE MOST AT RISK

We can segment young people aged 15-24 to identify those with extreme and high risk of poor outcomes.

	Groups are segmented by average risk across outcomes. We can also segment by risk of a single outcome.	Total Population	Extreme Risk (5% most at risk)	High Risk (6-15% most at risk)	Everyone Else (85% least risk)
	Number (based on current population)	581,740	29,080	58,170	494,490
,	% Male	51%	55%	53%	51%
	% Māori	19%	62%	50%	13%
ב ב	% European/Pākehā	61%	31%	39%	65%
2	% Pasifika	9%	7%	10%	9%
2	% Low SES (NZ Dep. 9 & 10)	24%	49%	43%	20%
	Predicted costs age 25-34 (Corrections & welfare only)	\$28,000	\$131,000	\$74,400	\$16,600

Benefit 5+ years	\$ 9.0%	39.5%	26.1%	5.2%
Corrections sentence	8.7%	45.7%	23.9%	4.8%
No Level 2 by 23	24.7%	71.8%	58.2%	17.9%
No Level 4 by 23	60.4%	95.2%	90.2%	54.8%
Mental health services	19.7%	58.4%	35.7%	15.5%



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YOUTH AT RISK: IDENTIFYING A TARGET POPULATION (AGES 15-24)

The characteristics of the at risk groups change with age. Those at risk aged 15 will not necessarily still be at risk aged 20. Below are the most important risk factors for the top 15% at risk at age 15, and the top 15% at risk at age 20.

COMPARED TO OTHER 15-YEAR-OLDS, THE 15% MOST AT RISK ARE:

55.5% Male

34% European/ Pākehā

58% Māori

7% Pasifika 45% Low SES \$81,100

8.480 15-YEAR-OLDS AT RISK

AS LIKELY TO HAVE CHILD, **YOUTH & FAMILY NOTIFICATION**

69% of those most at risk had a Child Youth & Family Notification as a child compared to 5% of other 15-year-olds

34% of those most at risk had a finding of abuse compared to 2% of other 15-year-olds. 11% had a CYF placement compared to only 0.1% of other 15-year-olds.

AS LIKELY TO HAVE BEEN SUPPORTED BY A BENEFIT AS A **CHILD FOR A SIGNIFICANT PERIOD**

54% of those most at risk were supported by a benefit for more than 75% of their childhood compared to 9% of other 15-year-olds

AS LIKELY TO **HAVE BEEN STOOD** DOWN FROM **SCHOOL AT LEAST** ONCE

41% of those most at risk had been stood down from school at least once compared to 4% of other 15-year-olds



AS LIKELY TO HAVE USED SPECIAL EDUCATION SERVICES

1.2% of those most at risk have used special education services compared to 0.4% of other 15-year-olds

AS LIKELY TO HAVE ATTENDED A LOW DECILE SCHOOL

30% of those most at risk have attended a low decile school compared to 10% of other 15-year-olds

AS LIKELY TO HAVE A CAREGIVER WITH A COMMUNITY SENTENCE

58% of those most at risk had a caregiver who had served a community sentence compared to 7% of other 15-year-olds

COMPARED TO OTHER 20-YEAR-OLDS, THE 15% MOST AT RISK ARE:

54% Male

43% European/ Pākehā

48% Māori

8% Pasifika 42.5% Low SES

\$97,100

8.920

AS LIKELY TO HAVE A **CORRECTIONS SENTENCE**

40% of those most at risk had received a Corrections sentence compared to 2% of other 20-year-olds

AS LIKELY TO HAVE BEEN LONG-TERM NEET

19% of those most at risk had been NEET for more than 75% of the time since they were 16 compared to 1% of other 20-year-olds

AS LIKELY TO HAVE AN INDICATOR OF MENTAL HEALTH ILLNESS

51% of those most at risk have an indicator of mental health illness compared to 14% of other 20-year-olds



AS LIKELY TO HAVE BEEN ON A BENEFIT AS AN ADULT FOR

39% of those most at risk had been on a benefit for more than 75% of their adulthood compared to 3% of other 20-year-olds

A LONG TIME

AS LIKELY TO HAVE NO QUALIFICATIONS

69% of those most at risk had no qualifications compared to 16% of other 20-year-olds

70% of those most at risk had a low level or no tertiary enrolment compared to 33% of other 20-year-olds

AS LIKELY TO HAVE BEEN SUPPORTED BY BENEFIT AS A **CHILD FOR A SIGNIFICANT PERIOD**

36% of those most at risk had been on a benefit for more than 75% of their childhood compared to 8% of other 20-year-olds

YOUTH AT RISK: IDENTIFYING A TARGET POPULATION (AGES 15-19)

Based on the most important risk factors we have identified ten possible target populations – five aged 15-19 and five aged 20-24. The target groups cover 72% of those at extreme risk. The five groups have been identified because they cover the large majority of young people at extreme risk. It is possible to identify further groups, but as more characteristics are added the groups will become smaller.

DEMOGRAPHICS

• 100% Male, 0% Female

• 12,800 individuals

TOTAL 15-19 YEAR OLD POPULATION

N = 289,540

DEMOGRAPHICS

- 289,540 individuals
- 51% Male, 49% Female
- 61% European, 19% Māori, 9% Pasifika
- 22% living in low SES areas

with extreme risk of at least one outcome

15%

at risk across multiple outcomes

TEENAGE BOYS WITH YOUTH JUSTICE OR CORRECTIONS HISTORY

· Boys aged 18-19 with Corrections history

• 53% Māori, 36% European, 10% Pasifika

- OR boys aged 15-17 with Youth Justice contact
- OR boys aged 15-17 with a caregiver with custodial history

TEENAGERS WITH HEALTH, DISABILITY ISSUES OR SPECIAL NEEDS

- Aged 17-19 and on Supported Living Payment Benefit
- OR Aged 15-19 and used special education services • OR Aged 15-19 and attended a special school

N = 5,770

DEMOGRAPHICS

- 5.770 individuals
- 66% Male, 34% Female
- 56% European, 29% Māori, 8% Pasifika
- 31% living in low SES areas

with extreme risk of

at least one outcome

46% at risk across multiple outcomes

PREDICTED OUTCOMES

71,430	or 25% below NCEA Level 2	Expected costs & earnings (average per person)
25,260	or 9% will receive a Corrections sentence	\$23,100 Benefit costs 25-34
57,030	or 20% will use mental health services	\$5,000 Corrections costs 25-34
26,130	or 9% will have long-term benefit receipt for 5+ years	\$45,800 Annual earnings at 34

PREDICTED OUTCOMES

44% living in low SES areas

7,580 or 59% below NCEA Level 2	Expected costs & earnings (average per person)
4,850 or 38% will use mental health services	\$50,400 Corrections costs 25-34
5,840 or 46% will receive a Corrections sentence	\$35,400 Benefit costs 25-34
2,080 or 16% will have long-term benefit receipt for 5+ years	\$35,100 Annual earnings at 34

PREDICTED OUTCOMES

4,320 or 75% below NCEA Level 2	Expected costs & earnings (average per person)
2,030 or 35% will use mental health services	\$7,900 Corrections costs 25-34
400 or 8% will receive a Corrections sentence	\$118,100 Benefit costs 25-34
3,600 or 62% will have long-term benefit receipt for 5+ years	\$25,400 Annual earnings at 34

TEENAGE GIRLS SUPPORTED BY BENEFITS

- Girls aged 15-19 with no qualifications and significant duration on benefit as adult
- OR young mothers aged 15-19 on Sole Parent **Support Benefit**

MENTAL HEALTH SERVICE USERS WITH STAND-DOWN OR CYF HISTORY

Aged 15-17, used mental health services and either:

- · Contact with Child, Youth & Family
- · History of stand-downs from school

N = 10,930

N = 12,800

with extreme risk of

at least one outcome

76%

at risk across

multiple outcomes

EXPERIENCED SIGNIFICANT CHILDHOOD DISADVANTAGE

Aged 15-19 AND either:

- History of placement in care by Child, Youth & Family
- · Notified to CYF with a caregiver with a Corrections history AND supported by benefit for more than 75% of childhood

N = 16,130

DEMOGRAPHICS

- 4.210 individuals
- 0% Male, 100% Female
- 54% Māori, 33% European, 11% Pasifika
- 49% living in low SES areas

with extreme risk of at least one outcome

N = 4,210

at risk across multiple outcomes

DEMOGRAPHICS

- 10.930 individuals
- 53% Male, 47% Female
- 52% European, 38% Māori, 7% Pasifika
- 35% living in low SES areas

with extreme risk of at least one outcome

> 81% at risk across multiple outcomes

DEMOGRAPHICS

- 16,130 individuals
- 51% Male, 49% Female
- 58% Māori, 33% European, 8% Pasifika
- 49% living in low SES areas

with extreme risk of

at least one outcome

at risk across multiple outcomes

PREDICTED OUTCOMES

2,760	or 66% below NCEA Level 2	Expected costs & earnings (average per person)
1,390	or 33% will use mental health services	\$5,100 Corrections costs 25-34
810	or 19% will receive a Corrections sentence	\$110,400 Benefit costs 25-34
2,010	or 48% will have long-term benefit receipt for 5+ years	\$24,000 Annual earnings at 34

PREDICTED OUTCOMES

6,110	or 56% below NCEA Level 2	Expected costs & earnings (average per person)
5,670 0	or 52% will use mental health services	\$23,300 Corrections costs 25-34
2,880 0	or 26% will receive a Corrections sentence	\$62,700 Benefit costs 25-34
3,180 0	or 29% will have long-term benefit receipt for 5+ years	\$35,900 Annual earnings at 34

PREDICTED OUTCOMES

9,350 or 58% below NCEA Level 2	Expected costs & earnings (average per person)
5,900 or 37% will use mental health services	\$30,000 Corrections costs 25-34
5,320 or 33% will receive a Corrections sentence	\$75,000 Benefit costs 25-34
5,360 or 33% will have long-term benefit receipt for 5+ years	\$29,500 Annual earnings at 34

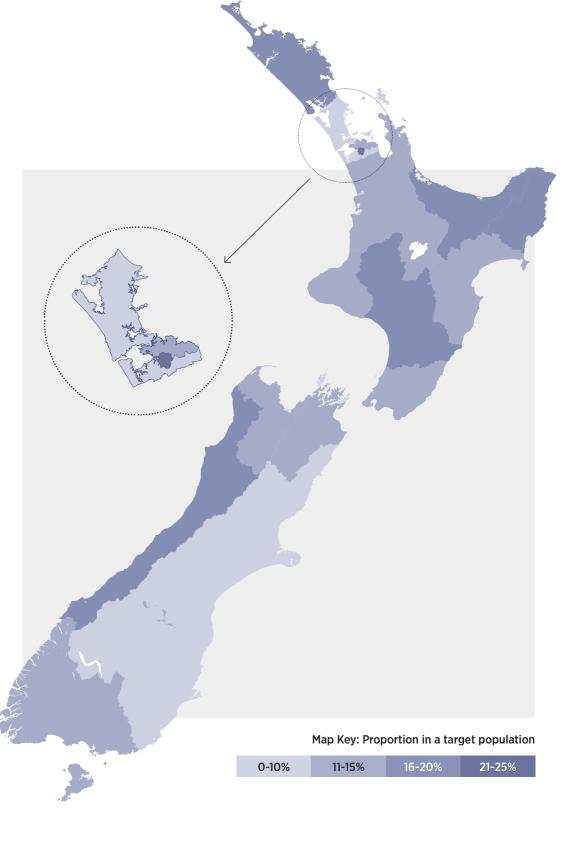
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YOUTH AT RISK: IDENTIFYING A TARGET POPULATION

(15-19 YEAR OLDS)

			TARGET POPULATIONS												
	TOTAL 15 YEAR OI POPULAT	LD	Teenage with Youth or Correc histo	Justice tions	Teenager health, dis issues or s need	sability special	Teenage support benef	ed by	service use stand-do	Mental health Experienced service users with significant stand-down or childhood CYF history disadvantage		IN A TARGET POPULATION			
REGION	NUMBER	% OF NZ	NUMBER	% OF NZ	NUMBER	% OF NZ	NUMBER	% OF NZ	NUMBER	% OF NZ	NUMBER	% OF NZ	NUMBER	% OF REGION	
Northland	11,205	3.9%	855	6.7%	186	3.2%	285	6.8%	675	6.2%	1,131	7.0%	2,223	19.8%	
Auckland	98,490	34.0%	3,333	26.0%	1,827	31.7%	1,326	31.5%	2,940	26.9%	4,422	27.4%	10,356	10.5%	
Waikato	27,288	9.4%	1,446	11.3%	672	11.6%	510	12.1%	978	9.0%	1,914	11.9%	3,999	14.7%	
Bay of Plenty	20,004	6.9%	1,359	10.6%	408	7.1%	339	8.1%	1,005	9.2%	1,470	9.1%	3,276	16.4%	
Gisborne/East Coast	3,624	1.3%	261	2.0%	90	1.6%	93	2.2%	237	2.2%	327	2.0%	720	19.9%	
Hawkes Bay	11,244	3.9%	666	5.2%	186	3.2%	204	4.8%	483	4.4%	843	5.2%	1,740	15.5%	
Taranaki	7,683	2.7%	417	3.3%	183	3.2%	117	2.8%	321	2.9%	456	2.8%	1,098	14.3%	
Manawatu-Wanganui	15,810	5.5%	888	6.9%	393	6.8%	288	6.8%	711	6.5%	1,245	7.7%	2,547	16.1%	
Wellington	30,015	10.4%	921	7.2%	552	9.6%	342	8.1%	1,005	9.2%	1,365	8.5%	3,135	10.4%	
Tasman	3,168	1.1%	99	0.8%	81	1.4%	30	0.7%	135	1.2%	126	0.8%	342	10.8%	
Nelson	3,177	1.1%	123	1.0%	69	1.2%	39	0.9%	150	1.4%	216	1.3%	438	13.8%	
Marlborough	2,619	0.9%	150	1.2%	78	1.4%	36	0.9%	132	1.2%	156	1.0%	393	15.0%	
West Coast	1,947	0.7%	114	0.9%	45	0.8%	21	0.5%	123	1.1%	120	0.7%	315	16.2%	
Canterbury	34,368	11.9%	1,311	10.2%	585	10.1%	393	9.3%	1,242	11.4%	1,515	9.4%	3,702	10.8%	
Otago	12,195	4.2%	447	3.5%	216	3.7%	99	2.4%	540	4.9%	492	3.1%	1,317	10.8%	
Southland	6,309	2.2%	405	3.2%	189	3.3%	81	1.9%	255	2.3%	324	2.0%	915	14.5%	
New Zealand total	289,540	100.0%	12,800	100.0%	5,770	100.0%	4,210	100.0%	10,930	100.0%	16,130	100.0%	36,520	12.6%	
AUCKLAND															
Manukau City	28,725	9.9%	1,200	9.4%	534	9.3%	522	12.4%	972	8.9%	1,665	10.3%	3,591	12.5%	
Papakura District	3,834	1.3%	261	2.0%	114	2.0%	141	3.3%	213	1.9%	411	2.5%	810	21.1%	
Rest of Auckland	65,931	22.8%	1,872	14.6%	1,179	20.4%	663	15.8%	1,755	16.1%	2,346	14.5%	5,955	9.0%	



YOUTH AT RISK: IDENTIFYING A TARGET POPULATION (AGES 20-24)

Based on the most important risk factors we have identified ten possible target populations - five aged 15-19 and five aged 20-24. The target groups cover 82% of those at extreme risk. The five groups have been identified because they cover the large majority of young people at extreme risk. It is possible to identify further groups, but as more characteristics are added the groups will become smaller.

TOTAL 20-24 YEAR OLD POPULATION

N = 292,210

YOUNG OFFENDERS WITH A CUSTODIAL SENTENCE

20-24 year olds with a custodial sentence

N = 8,210

YOUNG OFFENDERS WITH A COMMUNITY SENTENCE AND YOUTH JUSTICE OR CYF HISTORY

- 20-24 year olds with a Corrections community sentence (but no custodial sentence)
- AND either a Youth Justice referral or notified to CYF

N = 9,540

DEMOGRAPHICS

- 292.210 individuals
- 51% Male, 49% Female
- 61% European, 19% Māori, 9% Pasifika
- 25% living in low SES areas

with extreme risk of at least one outcome

15% at risk across multiple outcomes

DEMOGRAPHICS

- 8.210 individuals
- 88% Male, 12% Female
- 53% Māori, 36% European, 10% Pasifika
- 49% living in low SES areas

with extreme risk of at least one outcome

at risk across multiple outcomes

DEMOGRAPHICS

- 9.540 individuals
- 69% Male, 31% Female
- 48% Māori, 44% European, 7% Pasifika
- 42% living in low SES areas

with extreme risk of at least one outcome

at risk across multiple outcomes

PREDICTED OUTCOMES

72,080	or 25% below NCEA Level 2	Expected costs & earnings (average per person)
57,560	or 20% will use mental health services	\$5,000 Corrections costs 25-34
25,490	or 9% will receive a Corrections sentence	\$23,000 Benefit costs 25-34
26,370	or 9% will have long-term benefit receipt for 5+ years	\$45,800 Annual earnings at 34

PREDICTED OUTCOMES

5,190	or 63% below NCEA Level 2	Expected costs & earnings (average per person)
4,970	or 61% will use mental health services	\$101,400 Corrections costs 25-34
5,530	or 67% will receive a Corrections sentence	\$59,800 Benefit costs 25-34
2,400	or 29% will have long-term benefit receipt for 5+ years	\$26,400 Annual earnings at 34

5,190	or 63% below NCEA Level 2	Expected costs & earnings (average per person)
4,970	or 61% will use mental health services	\$101,400 Corrections costs 25-34
5,530	or 67% will receive a Corrections sentence	\$59,800 Benefit costs 25-34
2,400	or 29% will have long-term benefit receipt for 5+ years	\$26,400 Annual earnings at 34

PREDICTED OUTCOMES

5,890 or 62% below NCEA Level 2	Expected costs & earnings (average per person)
4,170 or 44% will use mental health services	\$25,300 Corrections costs 25-34
4,920 or 52% will receive a Corrections sentence	\$66,500 Benefit costs 25-34
2,770 or 29% will have long-term benefit receipt for 5+ years	\$30,600 Annual earnings at 34

JOBSEEKERS IN POOR HEALTH WITH YOUTH JUSTICE OR CYF HISTORY

Received Jobseeker Health Condition, Injury or Disability Benefit for 95% of last year AND

- Received a Corrections sentence
- · OR referred to Youth Justice
- · OR referred to Child Youth & Family

SOLE PARENTS ON BENEFIT WITH YOUTH JUSTICE OR CYF HISTORY

Received Sole Parent Support benefit for 95% of last year AND:

• Received a Corrections sentence

• OR referred to Child Youth & Family

• OR referred to Youth Justice

N = 6,110

DEMOGRAPHICS

- 2,320 individuals
- 47% Male, 53% Female
- 36% Māori, 57% European, 5% Pasifika
- 42% living in low SES areas

with extreme risk of at least one outcome

N = 2,320

98% at risk across multiple outcomes

DEMOGRAPHICS

- 6,110 individuals
- 3% Male, 97% Female
- 57% Māori, 32% European, 10% Pasifika
- 51% living in low SES areas

with extreme risk of at least one outcome

> 96% at risk across multiple outcomes

DEMOGRAPHICS

for > 85% of last year

- 4,520 individuals
- 57% Male. 43% Female
- 62% European, 25% Māori, 7% Pasifika

LONG-TERM DISABILITY BENEFICIARIES

20-24 year olds who received supported living payment

• 31% living in low SES areas

with extreme risk of at least one outcome

N = 4,520

36% at risk across multiple outcomes

PREDICTED OUTCOMES

1,650	or 71% below NCEA Level 2	Expected costs & earnings (average per person)
1,750	or 75% will use mental health services	\$35,600 Corrections costs 25-34
910	or 39% will receive a Corrections sentence	\$114,800 Benefit costs 25-34
1,250	or 54% will have long-term benefit receipt for 5+ years	\$21,000 Annual earnings at 34

PREDICTED OUTCOMES

3,910 or 61% below NCEA Level 2	Expected costs & earnings (average per person)
1,920 or 31% will use mental health services	\$6,700 Corrections costs 25-34
1,650 or 27% will receive a Corrections sentence	\$132,500 Benefit costs 25-34
3,430 or 56% will have long-term benefit receipt for 5+ years	\$20,400 Annual earnings at 34

PREDICTED OUTCOMES

3,230	or 71% below NCEA Level 2	Expected costs & earnings (average per person)
1,930	or 43% will use mental health services	\$4,000 Corrections costs 25-34
400	or 9% will receive a Corrections sentence	\$132,200 Benefit costs 25-34
3,270	or 72% will have long-term benefit receipt for 5+ years	\$20,400 Annual earnings at 34

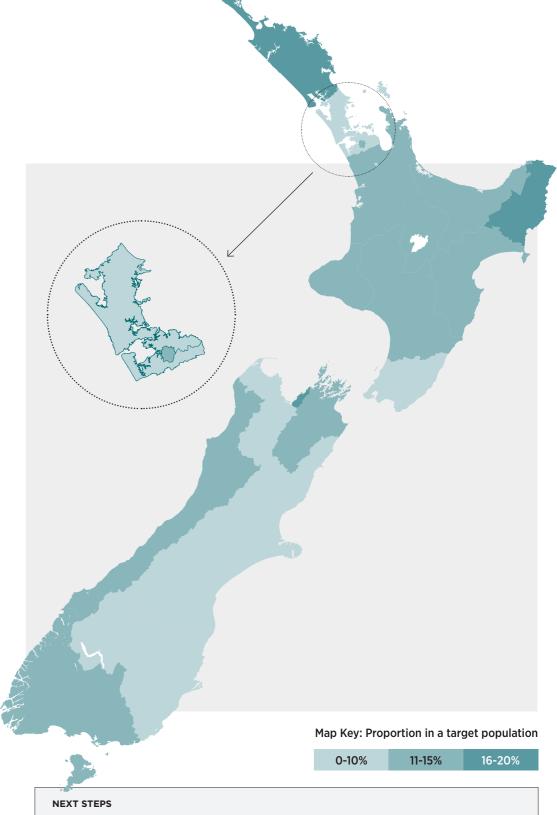
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YOUTH AT RISK: IDENTIFYING A TARGET POPULATION

(20-24 YEAR OLDS)

		TARGET POPULATIONS					
	TOTAL 20-24 YEAR OLD POPULATION	Young offenders with custodial sentence	Young offenders with a community sentence and Youth Justice or CYF history	Jobseekers in poor health with Youth Justice or CYF history	Sole parents not in full time employment with Youth Justice or CYF history	Long-term disability beneficiaries	IN A TARGET POPULATION
REGION	NUMBER % OF NZ	NUMBER % OF NZ	NUMBER % OF NZ	NUMBER % OF NZ	NUMBER % OF NZ	NUMBER % OF NZ	NUMBER REGION
Northland	9,096 3.1%	501 6.1%	615 6.4%	102 4.4%	408 6.7%	162 3.6%	1,611 17.7%
Auckland	102,273 35.0%	2,043 24.9%	2,220 23.3%	645 27.8%	1,839 30.1%	1,260 27.9%	7,395 7.2%
Waikato	27,072 9.3%	837 10.2%	1,011 10.6%	267 11.5%	651 10.6%	495 10.9%	2,979 11.0%
Bay of Plenty	16,719 5.7%	819 10.0%	843 8.8%	168 7.3%	534 8.7%	288 6.4%	2,415 14.4%
Gisborne/East Coast	3,144 1.1%	213 2.6%	192 2.0%	27 1.2%	135 2.2%	66 1.5%	579 18.4%
Hawkes Bay	9,222 3.2%	444 5.4%	528 5.5%	108 4.7%	336 5.5%	192 4.2%	1,458 15.8%
Taranaki	6,855 2.3%	282 3.4%	318 3.3%	57 2.5%	180 2.9%	132 2.9%	882 12.9%
Manawatu-Wanganui	15,825 5.4%	570 6.9%	615 6.4%	147 6.3%	465 7.6%	345 7.6%	1,953 12.3%
Wellington	34,392 11.8%	555 6.8%	837 8.8%	198 8.5%	549 9.0%	504 11.1%	2,433 7.1%
Tasman	2,223 0.8%	57 0.7%	93 1.0%	9 0.4%	39 0.6%	39 0.9%	222 10.0%
Nelson	2,796 1.0%	138 1.7%	195 2.0%	39 1.7%	72 1.2%	75 1.7%	471 16.8%
Marlborough	2,175 0.7%	84 1.0%	147 1.5%	24 1.0%	48 0.8%	27 0.6%	303 13.9%
West Coast	1,839 0.6%	63 0.8%	111 1.2%	12 0.5%	42 0.7%	24 0.5%	249 13.5%
Canterbury	36,801 12.6%	867 10.6%	1,098 11.5%	291 12.6%	486 7.9%	591 13.1%	3,138 8.5%
Otago	15,351 5.3%	390 4.8%	384 4.0%	105 4.5%	150 2.5%	171 3.8%	1,116 7.3%
Southland	6,162 2.1%	327 4.0%	345 3.6%	27 1.2%	156 2.6%	108 2.4%	894 14.5%
New Zealand total	292,210 100.0%	8,210 100.0%	9,540 100.0%	2,320 100.0%	6,110 100.0%	4,520 100.0%	28,100 9.6%
AUCKLAND							
Manukau City	28,488 9.7%	801 9.8%	705 7.4%	159 6.9%	744 12.2%	363 8.0%	2,565 9.0%
Papakura District	4,029 1.4%	159 1.9%	171 1.8%	39 1.7%	180 2.9%	66 1.5%	570 14.1%
Rest of Auckland	69,756 23.9%	1,083 13.2%	1,344 14.1%	447 19.3%	915 15.0%	831 18.4%	4,260 6.1%



Having identified our target populations, we can understand which services the populations are likely to receive, and whether or not they are likely to be targeting the right risk factors.

More broadly, this represents the first step towards a data-driven model of service provision. At present the number of services included in the IDI is limited. As we build coverage, we can better understand who our services are reaching, and how effective they are. With this knowledge we can not only better target and tailor our services to those most at-risk, but set a baseline for year-on-year improvement.