

# TFM Family Investment model



## How to interpret this information pack

### Page 2

presents a snapshot of information for the **Northern NSW** FACS district coming out of TFM's Investment model.

The information is disaggregated by three groups of vulnerable children and young people born in the **Northern NSW**:

- Young children aged 0 to 5
- Children aged under 15 and affected by mental illness
- Children and young people aged 15 to 18 and affected by mental illness.

The final column on page 2 presents the proportion of the vulnerable children in each group who have experienced each of five indicators strongly associated with poorer outcomes in later life.

### Page 3

presents the projected outcomes for **Northern NSW** children and young people in each vulnerable group, by the number of indicators they have experienced which are associated with poorer outcomes later in life. The projected outcomes are compared against the average across all NSW children and young people in the same age bracket and expressed as a multiplier (e.g. 1.5x).

Page 3 also presents outcomes for all children and young people classed as vulnerable in **Northern NSW** – shaded in blue.

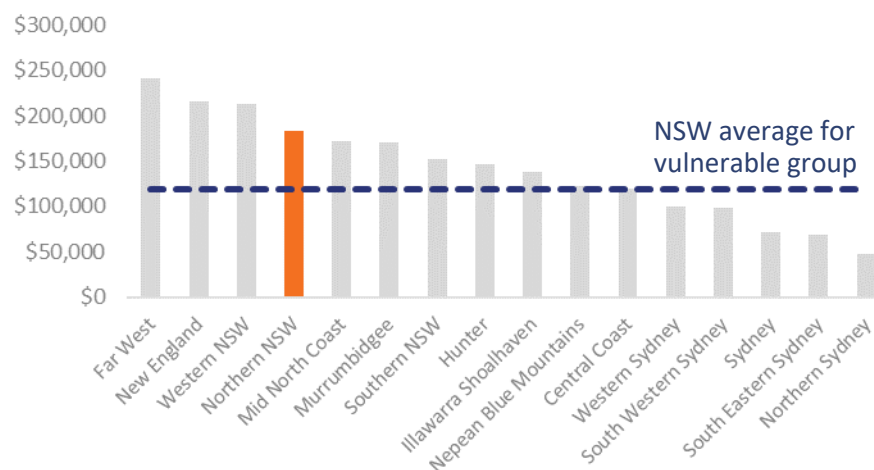
These indicators differ depending on the vulnerable group, however the **consistent finding is that the more vulnerable indicators a child has experience with, the more they are expected to interact with the criminal justice system, social housing, child protection and mental health services.**

### Page 4

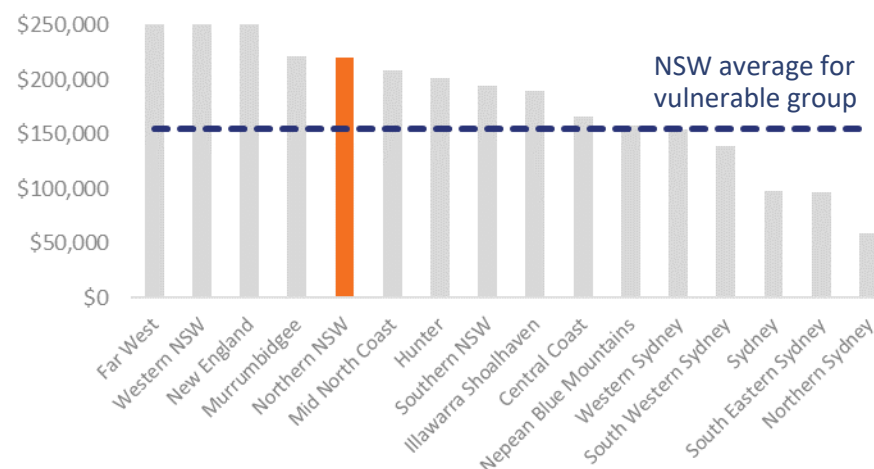
looks at vulnerable groups in the LGA/s of the **Northern NSW**. It shows, for each vulnerable group: the number of children and young people in the relevant age bracket, the number in the vulnerable group, the proportion (%) of children and young people classed as vulnerable, and the proportion (%) of children and young people in the vulnerable group who identify as Aboriginal.

## Key findings for the Northern NSW FACS district

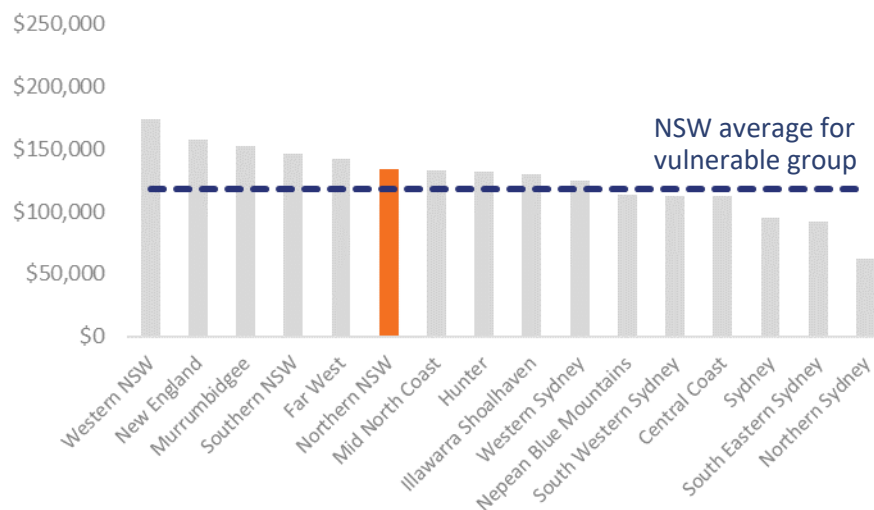
Average future cost to NSW government for **Vulnerable young children aged 0 to 5**



Average future cost to NSW government for **Children aged under 15 and affected by mental illness**



Average future cost to NSW government for **children and young people aged 15 to 18 and affected by mental illness**



### Key insights for vulnerable young children aged 0 to 5 in Northern NSW

- **4<sup>th</sup> highest out of 16** in estimated future cost to NSW government.
- **31%** of children aged 0 to 5 belong to this vulnerable group (6<sup>th</sup> lowest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are worse than the NSW average for this group, e.g. 47% of the vulnerable group are expected to have a ROSH report in the future compared to the NSW average of 34% for this group.

### Key insights for children aged under 15 and affected by mental illness in Northern NSW

- **5<sup>th</sup> highest out of 16** in estimated future cost to NSW government
- **13%** of children aged under 15 belong to this vulnerable group (9<sup>th</sup> highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are worse than the NSW average for this group, e.g. 33% of the vulnerable group are expected to interact with the justice system compared to the NSW average of 25% for this group.

### Key insights for children and young people aged 15 to 18 and affected by mental health in Northern NSW

- **6<sup>th</sup> highest out of 16** in estimated future cost to NSW government
- **18%** of children and young people aged 15 to 18 belong to this vulnerable group (9<sup>th</sup> highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are slightly worse than the NSW average for this group, e.g. 39% of the vulnerable group are expected to use NSW mental health services compared to the NSW average of 36% for this group.

# Vulnerable groups by FACS District: Northern New South Wales



Their Futures Matter is focusing on **three vulnerable groups** in NSW

We look at these groups of vulnerable children and young people born in the FACS District of **Northern New South Wales**

We have identified, for each vulnerable group, **five indicators** associated with these children having high service usage and poorer outcomes later in life

## Young children (0 to 5)



Children aged 5 or younger at 30 June 2017 with one or more of the following:

- 1 or more parental risk factors
- 2 or more perinatal risk factors
- Assessment as ROSH+

There are **4,483** children in Northern New South Wales in the vulnerable young children group.

That's about

**1 in 3**

Northern New South Wales children aged 0 to 5.

On average, these children are estimated to **cost the NSW govt \$183k** each for the key human services they use up to age 40



This is **3.1x** the average cost for all NSW children aged 0-5

Indicators for young children (0-5)	Proportion of vulnerable group with indicator
Parents have interacted with justice system	40%
Mother smoked during pregnancy	37%
Child had concern report	37%
Mother aged 21 and under at childbirth	25%
Parents have been in social housing	9%

## Children aged under 15 and affected by mental illness



Children under 15 years at 30 June 2017 with one or more of the following:

- Use of NSW mental health services (hospital or ambulatory)
- Parental use of NSW mental health services (hospital or ambulatory)

There are **4,012** children in Northern New South Wales in the children aged under 15 and affected by mental illness group.

That's about

**1 in 8**

Northern New South Wales children aged under 15.

On average, these children are estimated to **cost the NSW govt \$220k** each for the key human services they use up to age 40



This is **4.0x** the average cost for all NSW children aged under 15

Indicators for mental health: children and young adolescents under 15	Proportion of vulnerable group with indicator
Child had concern report	50%
Mother smoked during pregnancy	40%
Parents have interacted with justice system	35%
Mother aged 21 and under at childbirth	25%
Parents have been in social housing	14%

## Children and young people aged 15 to 18 and affected by mental illness



Children and young people (C/YP) between 15 and 18 years at 30 June 2017 with one or more of the following:

- Use of NSW mental health services (hospital or ambulatory)
- Parental use of NSW mental health services (hospital or ambulatory)

There are **1,911** C/YP in Northern New South Wales in the C/YP aged 15 to 18 and affected by mental illness group.

That's about

**1 in 6**

Northern New South Wales C/YP aged 15 to 18.

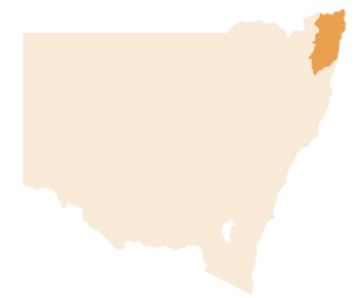
On average, these C/YP are estimated to **cost the NSW govt \$134k** each for the key human services they use up to age 40



This is **3.4x** the average cost for all NSW C/YP aged 15-18

Indicators for mental health: C/YP (15-18)	Proportion of vulnerable group with indicator
NAPLAN Year 7 band less than 6	54%
Had concern report in the last three years	37%
Hospital admission in last three years	37%
Family have been in social housing	18%
Has appeared in court	7%

# Vulnerable groups by FACS District: Northern New South Wales



## Vulnerable young children aged 0 to 5

## Children under 15 and affected by mental illness

## Children and young people aged 15 to 18 affected by mental illness

Number of indicators\* associated with poorer outcomes

Number of indicators\* associated with poorer outcomes

Number of indicators\* associated with poorer outcomes

	Number of indicators* associated with poorer outcomes						Number of indicators* associated with poorer outcomes						Number of indicators* associated with poorer outcomes					
	0	1	2	3	4 or 5	All vulnerable	0	1	2	3	4 or 5	All vulnerable	0	1	2	3	4 or 5	All vulnerable
Number of children and young people in district	1,174	1,260	1,146	604	299	4,483	979	974	986	689	384	4,012	391	650	485	260	125	1,911
	8%	9%	8%	4%	2%	31%	3%	3%	3%	2%	1%	13%	4%	6%	5%	2%	1%	18%
% Who identify as Aboriginal	8%	24%	35%	55%	73%	30%	6%	18%	34%	41%	66%	28%	5%	12%	23%	40%	61%	21%
Estimated future cost to NSW govt	0.8x \$49,155	1.7x \$98,900	3.4x \$199,841	6.2x \$370,209	10.4x \$616,654	\$182,781	0.8x \$45,622	2.0x \$110,712	4.2x \$235,507	6.7x \$372,750	11.4x \$632,011	\$220,356	0.8x \$30,265	1.4x \$57,393	2.9x \$117,378	6.5x \$258,588	16.5x \$658,928	\$133,832
% Expected to have a ROSH report in future	1.0x 17%	2.2x 39%	3.3x 58%	4.4x 76%	5.1x 89%	47%	1.2x 17%	2.9x 42%	4.2x 61%	5.0x 74%	5.8x 85%	50%	0.8x 2%	1.9x 5%	4.4x 11%	8.8x 22%	12.5x 32%	10%
% Expected to interact with the justice system	1.0x 14%	1.6x 23%	2.4x 33%	3.2x 45%	4.4x 61%	28%	1.0x 14%	1.9x 27%	2.7x 38%	3.3x 47%	4.5x 63%	33%	1.1x 14%	1.5x 19%	2.4x 31%	3.8x 48%	6.1x 77%	29%
% of males expected to enter custody	0.7x 3%	1.9x 8%	4.0x 16%	6.8x 28%	10.6x 43%	13%	0.7x 3%	2.3x 10%	4.5x 19%	6.9x 29%	10.9x 46%	17%	1.0x 4%	1.8x 7%	4.3x 17%	9.3x 36%	17.6x 68%	17%
% Expected to use NSW mental health services	1.0x 18%	1.5x 28%	2.0x 37%	2.7x 50%	3.4x 63%	33%	1.4x 25%	2.1x 38%	2.5x 46%	2.9x 54%	3.6x 66%	42%	1.8x 23%	2.5x 33%	3.5x 46%	4.2x 55%	5.3x 69%	39%
% Expected to complete the HSC in NSW	1.0x 68%	0.8x 52%	0.5x 35%	0.4x 26%	0.2x 16%	46%	1.0x 69%	0.8x 52%	0.5x 35%	0.4x 27%	0.3x 18%	45%	1.1x 70%	0.8x 48%	0.5x 33%	0.3x 22%	0.2x 10%	43%
% Expected to use social housing as adults	0.7x 2%	2.0x 5%	3.8x 10%	6.6x 17%	10.2x 26%	8%	0.6x 2%	1.8x 5%	3.5x 9%	6.2x 17%	9.2x 25%	9%	0.4x 1%	0.7x 2%	2.4x 8%	5.5x 18%	9.2x 30%	7%
% of females expected to become young mothers	0.9x 4%	1.9x 9%	3.2x 15%	5.5x 25%	8.6x 40%	14%	1.0x 5%	1.9x 9%	3.1x 15%	4.8x 23%	7.9x 38%	15%	0.6x 3%	1.6x 7%	2.8x 13%	5.1x 24%	8.7x 40%	12%

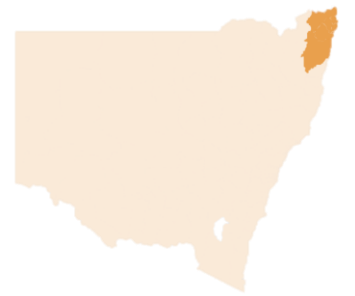
Projected outcomes

\*The specific risk indicators for each vulnerable group are defined on page 2.

1.5x  
\$45,000

The multipliers shown in this table compare the projected outcome to the NSW average for all children in the age group (i.e. vulnerable and non-vulnerable children).

# Vulnerable groups by FACS District: Northern NSW – by Local Government Area/s



## Vulnerable young children aged 0 -5

## Children under 15 and affected by mental illness

## Children and young people aged 15 to 18 affected by mental illness

	Number of C/YP aged under 5 in LGA	Number of vulnerable C/YP aged under 5 in LGA	Proportion (%) of vulnerable C/YP aged under 5 in LGA	Proportion (%) who identify as Aboriginal	Number of C/YP aged under 15 in LGA	Number of C/YP aged under 15 affected by mental illness in LGA	Proportion (%) of C/YP aged under 15 affected by mental illness in LGA	Proportion (%) who identify as Aboriginal	Number of C/YP aged 15-18 in LGA	Number of C/YP aged 15-18 affected by mental illness in LGA	Proportion (%) of C/YP aged 15-18 affected by mental illness in LGA	Proportion (%) who identify as Aboriginal
Ballina	1,837	495	27%	25%	3,961	445	11%	22%	1,542	258	17%	17%
Byron	1,486	268	18%	12%	2,939	232	8%	12%	1,089	130	12%	10%
Clarence Valley	2,664	1,013	38%	36%	5,991	825	14%	30%	2,117	469	22%	27%
Kyogle	444	161	36%	39%	999	123	12%	39%	374	66	18%	26%
Lismore	2,462	821	33%	33%	5,375	952	18%	28%	1,858	357	19%	20%
Richmond Valley	1,510	665	44%	37%	3,141	618	20%	34%	1,123	224	20%	23%
Tweed	4,180	1,060	25%	24%	8,068	818	10%	27%	2,632	407	15%	17%