

# TFM Family Investment model



## How to interpret this information pack

### Page 2

presents a snapshot of information for the **Hunter** 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 **Hunter**:

- 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 **Hunter** 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 **Hunter** – shaded in blue.

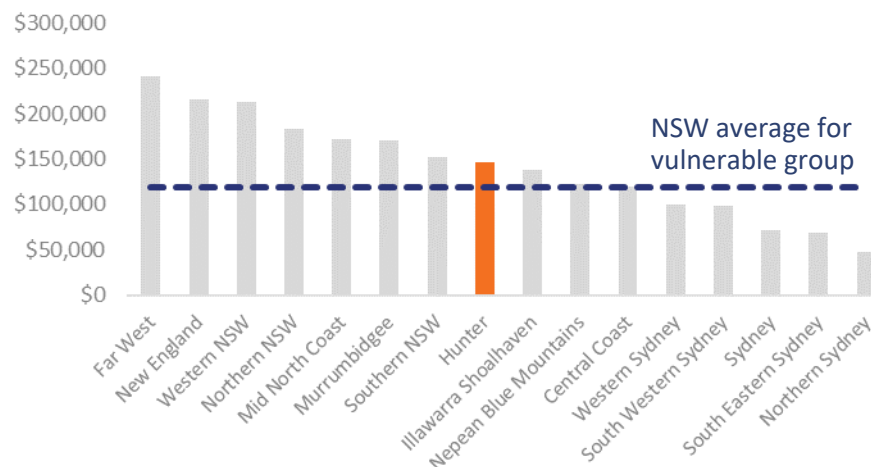
These indicators differ depending on the vulnerable group, however the **consistent finding is that the more vulnerable indicators a child has experience with, the more they are expected to interact with the criminal justice system, social housing, child protection and mental health services.**

### Page 4

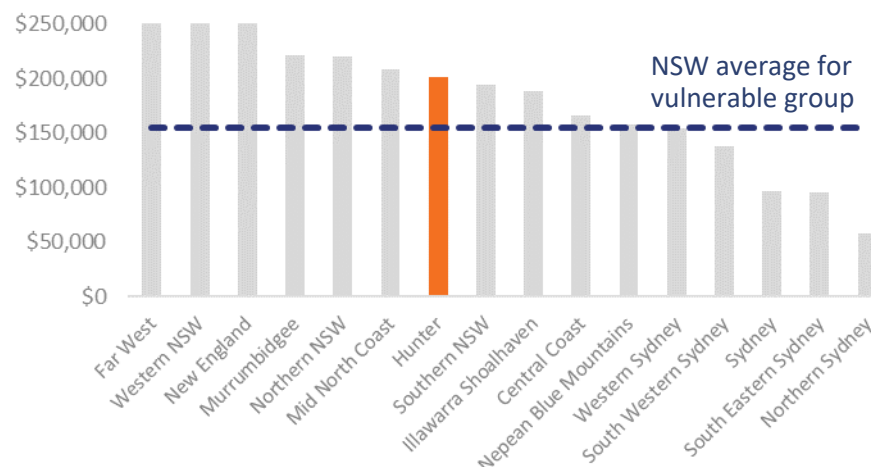
looks at vulnerable groups in the LGA/s of the **Hunter**. It shows, for each vulnerable group: the number of children and young people in the relevant age bracket, the number in the vulnerable group, the proportion (%) of children and young people classed as vulnerable, and the proportion (%) of children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

## Key findings for the **Hunter** FACS district

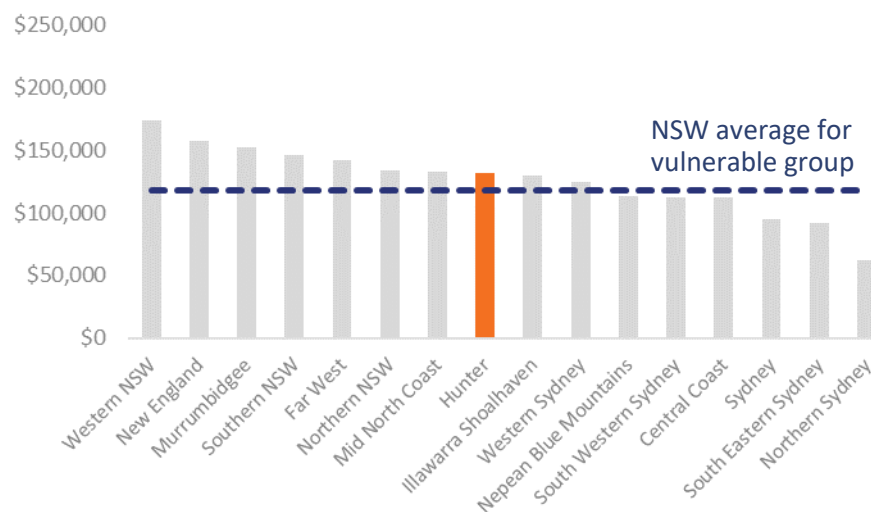
Average future cost to NSW government for **Vulnerable young children aged 0 to 5**



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 **Hunter**

- **8<sup>th</sup> highest out of 16** in estimated future cost to NSW government.
- **32%** of children aged 0 to 5 belong to this vulnerable group (10<sup>th</sup> highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are generally poorer than the NSW average for this group, e.g. 41% of the vulnerable group are expected to have a ROSH report in the future compared to 34% for the NSW average for this group.

### Key insights for children aged under 15 and affected by mental illness in **Hunter**

- **7<sup>th</sup> highest out of 16** in estimated future cost to NSW government
- **16%** of children aged under 15 belong to this vulnerable group (6<sup>th</sup> highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are generally poorer than the NSW average for this group, e.g. 47% of the vulnerable group are expected to complete HSC in the future compared to 53% for the NSW average for this group.

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

- **8<sup>th</sup> highest out of 16** in estimated future cost to NSW government
- **19%** of children and young people aged 15 to 18 belong to this vulnerable group (7<sup>th</sup> highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are generally poorer than the NSW average for this group. e.g. 27% of the vulnerable group are expected to interact with the justice system. This is slightly above the NSW average for the vulnerable group (25%).



Note: Geographic information presented in this document is based on the most up to date address of children and young people within the last 5 years.

# Vulnerable groups by FACS District: Hunter



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 **Hunter**

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 **12,784** children in Hunter in the vulnerable young children group.

That's about

**1 in 3**



Hunter children aged 0 to 5.

On average, these children are estimated to **cost the NSW govt \$147k** each for the key human services they use up to age 40



This is **2.5x** 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	33%
Mother smoked during pregnancy	32%
Child had concern report	30%
Mother aged 21 and under at childbirth	19%
Parents have been in social housing	11%

## 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 **12,786** children in Hunter in the children aged under 15 and affected by mental illness group.

That's about

**1 in 6**



Hunter children aged under 15.

On average, these children are estimated to **cost the NSW govt \$201k** each for the key human services they use up to age 40



This is **3.6x** 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	46%
Mother smoked during pregnancy	37%
Parents have interacted with justice system	33%
Mother aged 21 and under at childbirth	21%
Parents have been in social housing	20%

## 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 **4,816** C/YP in Hunter the C/YP aged 15 to 18 and affected by mental illness group.

That's about

**1 in 5**



Hunter C/YP aged 15 to 18.

On average, these C/YP are estimated to **cost the NSW govt \$132k** each for the key human services they use up to age 40



This is **3.3x** 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	50%
Had concern report in the last three years	38%
Hospital admission in last three years	28%
Family have been in social housing	25%
Has appeared in court	7%

# Vulnerable groups by FACS District: Hunter



## 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

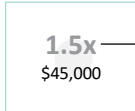
Number of indicators\* associated with poorer outcomes

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	4,600	3,484	2,448	1484	768	12,784	3,870	3,028	2,532	1943	1415	12,786	1,163	1,545	1,114	701	293	4,816
	11%	9%	6%	4%	2%	32%	5%	4%	3%	2%	2%	16%	5%	6%	4%	3%	1%	19%
% Who identify as Aboriginal	7%	17%	29%	39%	50%	20%	8%	15%	29%	39%	51%	23%	10%	13%	22%	36%	55%	20%
Estimated future cost to NSW govt	0.8x \$45,570	1.4x \$85,556	3.2x \$187,996	5.6x \$332,055	9.2x \$544,523	\$146,970	0.8x \$47,289	1.8x \$100,039	4.2x \$232,435	6.6x \$368,068	10.0x \$554,416	\$201,273	0.7x \$27,953	1.4x \$56,894	3.3x \$132,720	6.5x \$261,054	15.9x \$633,319	\$132,222
% Expected to have a ROSH report in future	1.0x 17%	2.1x 38%	3.3x 57%	4.2x 74%	5.0x 89%	41%	1.2x 18%	2.7x 39%	3.9x 58%	5.0x 73%	5.8x 85%	46%	0.7x 2%	2.3x 6%	5.4x 14%	9.5x 24%	10.9x 28%	11%
% Expected to interact with the justice system	0.9x 13%	1.5x 20%	2.2x 30%	2.9x 41%	3.8x 53%	24%	1.1x 15%	1.7x 24%	2.5x 35%	3.3x 46%	4.0x 57%	30%	0.8x 10%	1.5x 18%	2.4x 31%	3.7x 47%	5.8x 73%	27%
% of males expected to enter custody	0.8x 3%	1.6x 7%	3.3x 14%	5.7x 23%	8.7x 36%	10%	0.9x 4%	2.1x 9%	4.1x 17%	6.7x 28%	9.8x 41%	15%	0.6x 2%	1.6x 6%	3.9x 15%	8.7x 34%	16.0x 62%	15%
% Expected to use NSW mental health services	1.0x 19%	1.4x 27%	2.0x 37%	2.6x 48%	3.2x 59%	30%	1.5x 27%	2.1x 37%	2.6x 47%	3.1x 56%	3.5x 64%	42%	1.8x 23%	2.7x 35%	3.3x 43%	4.1x 54%	4.9x 64%	39%
% Expected to complete the HSC in NSW	1.1x 70%	0.8x 52%	0.6x 39%	0.4x 28%	0.3x 20%	51%	1.0x 69%	0.8x 53%	0.6x 38%	0.4x 28%	0.3x 20%	47%	1.2x 71%	0.8x 52%	0.6x 34%	0.3x 20%	0.2x 11%	45%
% Expected to use social housing as adults	0.5x 1%	1.5x 4%	4.0x 10%	7.1x 18%	9.9x 25%	7%	0.5x 1%	1.6x 4%	4.5x 12%	7.6x 20%	9.8x 26%	10%	0.3x 1%	1.3x 4%	4.0x 13%	7.7x 25%	11.8x 38%	10%
% of females expected to become young mothers	0.7x 3%	1.6x 7%	2.9x 14%	4.6x 21%	7.2x 33%	10%	0.9x 4%	1.6x 8%	3.1x 15%	4.8x 23%	7.1x 34%	13%	0.8x 4%	1.5x 7%	2.8x 13%	4.9x 23%	6.9x 32%	11%

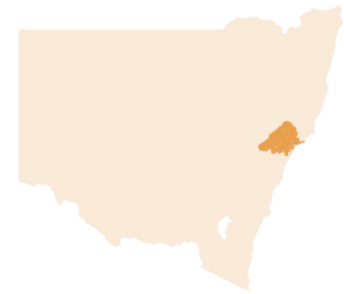
Projected outcomes

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



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: Hunter – 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
Cessnock	4,243	1,772	42%	24%	8,763	1,664	19%	27%	2,658	562	21%	20%
Dungog	548	169	31%	19%	1,403	205	15%	17%	443	71	16%	11%
Lake Macquarie	13,184	4,078	31%	18%	26,443	3,983	15%	22%	8,519	1,693	20%	19%
Maitland	5,904	1,974	33%	22%	11,913	2,093	18%	23%	3,794	734	19%	22%
Newcastle	10,612	2,832	27%	17%	19,713	2,823	14%	23%	5,680	1,039	18%	22%
Port Stephens	4,064	1,389	34%	24%	9,164	1,559	17%	24%	2,918	541	19%	21%
Singleton	1,805	571	32%	23%	3,585	459	13%	29%	1,028	176	17%	20%