

# TFM Family Investment model



## How to interpret this information pack

### Page 2

presents a snapshot of information for the **New England** 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 **New England** :

- 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 **New England** 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 **New England** – shaded in blue.

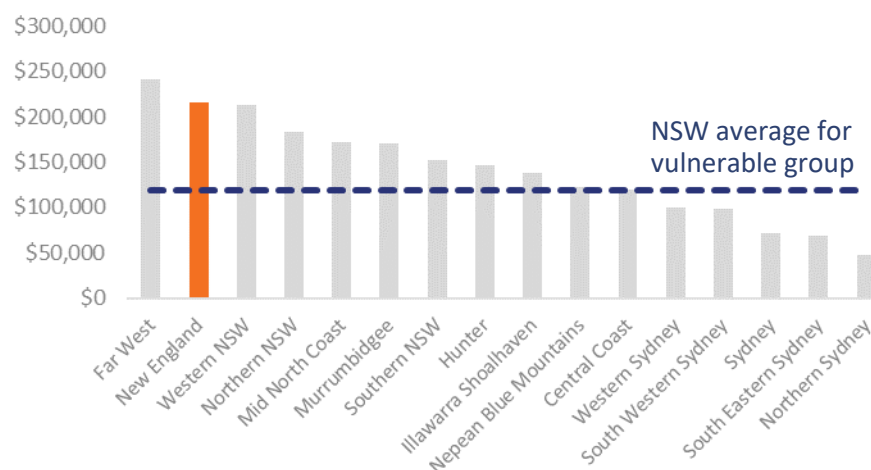
These indicators differ depending on the vulnerable group, however the **consistent finding is that the more vulnerable indicators a child has experience with, the more they are expected to interact with the criminal justice system, social housing, child protection and mental health services.**

### Page 4

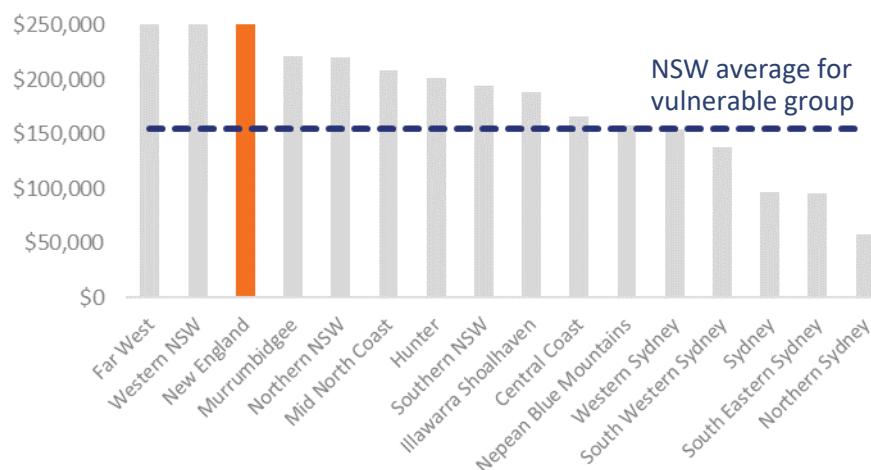
looks at vulnerable groups in the LGA/s of the **New England**. It shows, for each vulnerable group: the number of children and young people in the relevant age bracket, the number in the vulnerable group, the proportion (%) of children and young people classed as vulnerable, and the proportion (%) of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

## Key findings for the **New England** FACS district

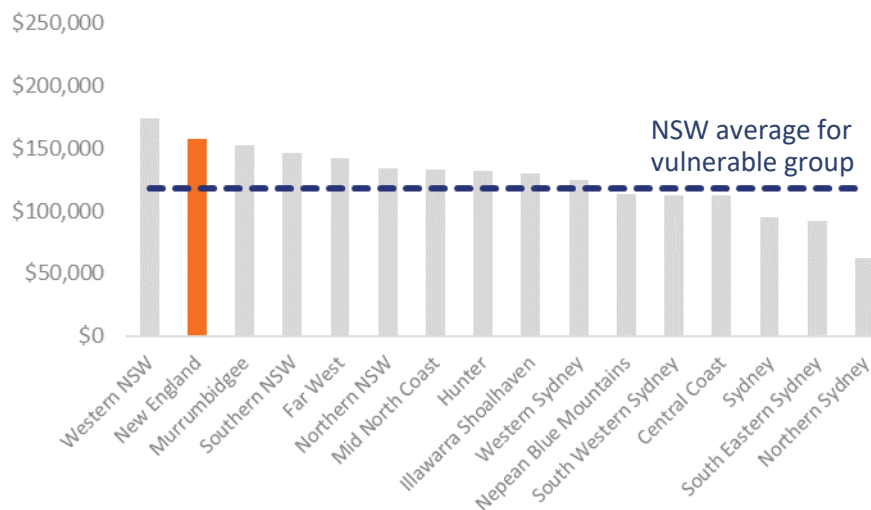
Average future cost to NSW government for **Vulnerable young children aged 0 to 5**



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 **New England**

- **2<sup>nd</sup> highest out of 16** in estimated future cost to NSW government.
- **37%** of children aged 0 to 5 belong to this vulnerable group (4<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. 49% 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 **New England**

- **3<sup>rd</sup> highest out of 16** in estimated future cost to NSW government
- **16%** of children aged under 15 belong to this vulnerable group (5<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. 41% of the vulnerable group are expected to complete the HSC in NSW compared to the NSW average of 53% for this group.

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

- **2<sup>nd</sup> highest out of 16** in estimated future cost to NSW government
- **20%** of children and young people aged 15 to 18 belong to this vulnerable group (4<sup>th</sup> highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are generally worse than the NSW average for this group, e.g. 31% of the vulnerable group are expected to interact with the justice system in the future compared to the NSW average of 25% for this group.

# Vulnerable groups by FACS District: New England



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 **New England**

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 **5,795** children in New England in the vulnerable young children group.

That's about

**1 in 3**



New England children aged 0 to 5.

On average, these children are estimated to **cost the NSW govt \$215k** each for the key human services they use up to age 40



This is **3.6x** 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	44%
Mother smoked during pregnancy	42%
Child had concern report	34%
Mother aged 21 and under at childbirth	27%
Parents have been in social housing	15%

## 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 **5,155** children in New England in the children aged under 15 and affected by mental illness group.

That's about

**1 in 6**



New England children aged under 15.

On average, these children are estimated to **cost the NSW govt \$254k** each for the key human services they use up to age 40



This is **4.6x** 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	47%
Mother smoked during pregnancy	42%
Parents have interacted with justice system	40%
Mother aged 21 and under at childbirth	28%
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 **1,851** C/YP in New England in the C/YP aged 15 to 18 and affected by mental illness group.

That's about

**1 in 5**



New England C/YP aged 15 to 18.

On average, these C/YP are estimated to **cost the NSW govt \$157k** each for the key human services they use up to age 40



This is **3.9x** 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	58%
Had concern report in the last three years	40%
Hospital admission in last three years	34%
Family have been in social housing	27%
Has appeared in court	9%

# Vulnerable groups by FACS District: New England



## 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	1,365	1,600	1,365	945	519	5,795	1,214	1,185	1,165	898	693	5,155	317	606	462	313	154	1,851
	9%	10%	9%	6%	3%	37%	4%	4%	4%	3%	2%	16%	3%	7%	5%	3%	2%	20%
% Who identify as Aboriginal	12%	32%	51%	71%	81%	42%	14%	31%	46%	63%	82%	43%	14%	24%	40%	61%	78%	37%
Estimated future cost to NSW govt	0.8x \$48,496	1.8x \$105,634	3.6x \$214,914	6.8x \$406,371	10.8x \$641,508	\$214,989	0.9x \$50,778	2.2x \$120,509	4.1x \$228,949	7.6x \$421,755	11.9x \$664,661	\$254,227	0.7x \$28,634	1.4x \$54,345	3.6x \$141,991	7.2x \$287,267	15.2x \$607,141	\$157,064
% Expected to have a ROSH report in future	1.0x 18%	2.2x 38%	3.3x 57%	4.3x 76%	5.1x 90%	49%	1.2x 17%	2.7x 39%	3.9x 58%	5.1x 75%	5.9x 86%	51%	0.8x 2%	2.2x 6%	5.1x 13%	8.7x 22%	10.6x 27%	12%
% Expected to interact with the justice system	1.1x 15%	1.7x 24%	2.5x 35%	3.5x 49%	4.5x 63%	32%	1.2x 17%	2.0x 28%	2.7x 37%	3.7x 51%	4.7x 66%	36%	1.1x 14%	1.5x 19%	2.6x 32%	4.0x 50%	5.7x 72%	31%
% of males expected to enter custody	0.8x 3%	2.1x 9%	4.3x 17%	7.8x 32%	11.2x 46%	17%	0.9x 4%	2.8x 12%	4.7x 20%	8.0x 33%	11.9x 50%	21%	0.9x 3%	1.5x 6%	4.0x 16%	8.2x 32%	15.2x 59%	16%
% Expected to use NSW mental health services	0.9x 18%	1.5x 28%	2.1x 39%	2.8x 51%	3.4x 64%	35%	1.4x 25%	2.0x 36%	2.5x 45%	3.1x 57%	3.7x 67%	43%	1.6x 20%	2.4x 32%	3.2x 42%	4.1x 53%	4.8x 63%	39%
% Expected to complete the HSC in NSW	1.0x 67%	0.7x 48%	0.5x 33%	0.3x 23%	0.2x 16%	42%	1.0x 67%	0.7x 48%	0.5x 34%	0.4x 26%	0.2x 16%	41%	1.1x 67%	0.8x 49%	0.6x 34%	0.4x 23%	0.2x 11%	41%
% Expected to use social housing as adults	0.7x 2%	2.0x 5%	4.7x 12%	7.6x 19%	10.3x 26%	10%	0.6x 2%	2.0x 5%	4.5x 12%	6.9x 19%	9.6x 26%	11%	0.2x 1%	1.2x 4%	3.3x 11%	6.8x 22%	9.4x 30%	10%
% of females expected to become young mothers	0.9x 4%	2.0x 9%	4.2x 19%	6.1x 28%	8.8x 41%	16%	1.1x 5%	1.7x 8%	3.7x 18%	5.9x 29%	8.7x 42%	18%	1.1x 5%	1.6x 8%	3.4x 16%	6.1x 28%	7.9x 37%	16%

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: New England – 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
Armidale Regional	1,828	620	34%	44%	3,827	681	18%	42%	1,107	258	23%	32%
Glen Innes Severn	554	242	44%	27%	1,125	204	18%	32%	383	85	22%	39%
Gunnedah	1,078	350	32%	49%	2,152	259	12%	49%	547	102	19%	55%
Gwydir	333	103	31%	40%	706	89	13%	25%	190	26	14%	31%
Inverell	1,265	485	38%	40%	2,592	399	15%	37%	786	126	16%	24%
Liverpool Plains	465	168	36%	43%	1,108	129	12%	43%	324	56	17%	46%
Moree Plains	1,075	468	44%	62%	2,003	335	17%	65%	505	127	25%	57%
Muswellbrook	1,481	571	39%	34%	2,915	480	16%	36%	805	150	19%	31%
Narrabri	1,087	444	41%	49%	2,391	424	18%	46%	644	143	22%	52%
Tamworth Regional	4,645	1,893	41%	43%	9,725	1,689	17%	46%	2,709	578	21%	33%
Tenterfield	89	48	54%	48%	363	54	15%	35%	174	30	17%	40%
Upper Hunter Shire	959	216	23%	23%	2,114	246	12%	24%	655	95	15%	33%
Uralla	368	116	32%	25%	766	114	15%	36%	248	50	20%	28%
Walcha	236	70	30%	26%	446	51	11%	39%	118	24	20%	38%