

TFM Family Investment model



How to interpret this information pack

Page 2

presents a snapshot of information for the **Illawarra Shoalhaven** 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 **Illawarra Shoalhaven** :

- 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 **Illawarra Shoalhaven** 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 **Illawarra Shoalhaven** – shaded in blue.

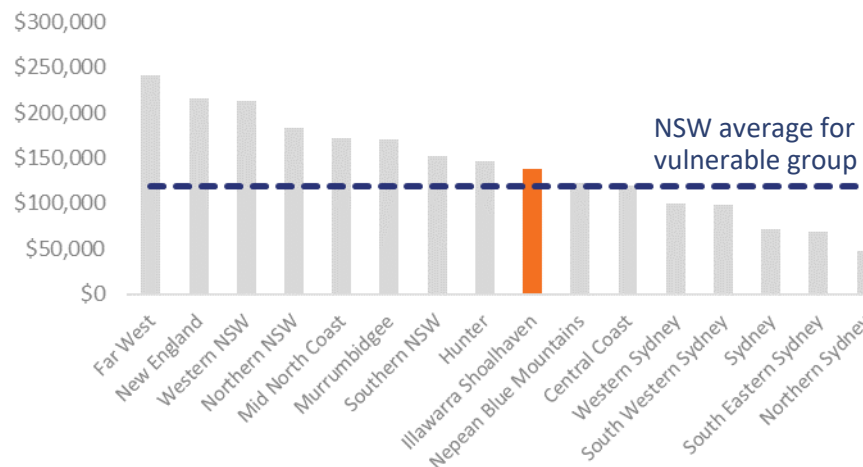
These indicators differ depending on the vulnerable group, however the **consistent finding is that the more vulnerable indicators a child has experience with, the more they are expected to interact with the criminal justice system, social housing, child protection and mental health services.**

Page 4

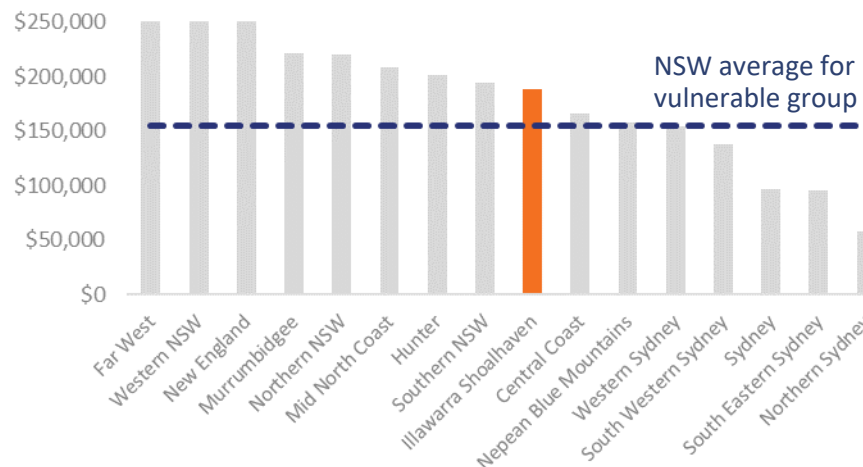
looks at vulnerable groups in the LGA/s of the **Illawarra Shoalhaven** . It shows, for each vulnerable group: the number of children and young people in the relevant age bracket, the number in the vulnerable group, the proportion (%) of children and young people classed as vulnerable, and the proportion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

Key findings for the **Illawarra Shoalhaven** FACS district

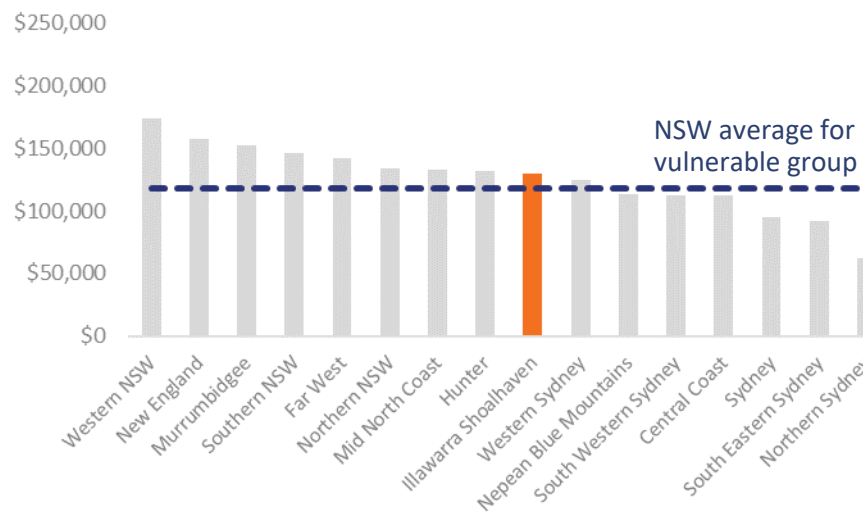
Average future cost to NSW government for **Vulnerable young children aged 0 to 5**



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 **Illawarra Shoalhaven**

- **9th highest out of 16** in estimated future cost to NSW government.
- **33%** of children aged 0 to 5 belong to this vulnerable group (9th highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are worse than the NSW average for this group, e.g. 37% 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 **Illawarra Shoalhaven**

- **9th highest out of 16** in estimated future cost to NSW government
- **13%** of children aged under 15 belong to this vulnerable group (10th highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are worse than the NSW average for this group, e.g. 29% 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.

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

- **9th highest out of 16** in estimated future cost to NSW government
- **15%** of children and young people aged 15 to 18 belong to this vulnerable group (10th highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are similar to the NSW average for this group. e.g. 47% of the vulnerable group are expected to complete the HSC in NSW compared to the NSW average of 48% for this group.

Vulnerable groups by FACS District: Illawarra Shoalhaven



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 **Illawarra Shoalhaven**

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 **7,684** children in Illawarra Shoalhaven in the vulnerable young children group.

That's about

1 in 3



Illawarra Shoalhaven children aged 0 to 5.

On average, these children are estimated to **cost the NSW govt \$138k** each for the key human services they use up to age 40



This is **2.3x** 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	27%
Mother aged 21 and under at childbirth	17%
Parents have been in social housing	14%

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 **6,150** children in Illawarra Shoalhaven in the children aged under 15 and affected by mental illness group.

That's about

1 in 8



Illawarra Shoalhaven children aged under 15.

On average, these children are estimated to **cost the NSW govt \$189k** each for the key human services they use up to age 40



This is **3.4x** 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	44%
Mother smoked during pregnancy	33%
Parents have interacted with justice system	33%
Mother aged 21 and under at childbirth	20%
Parents have been in social housing	23%

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 **2,360** C/YP in Illawarra Shoalhaven in the C/YP aged 15 to 18 and affected by mental illness group.

That's about

1 in 7



Illawarra Shoalhaven C/YP aged 15 to 18.

On average, these C/YP are estimated to **cost the NSW govt \$129k** each for the key human services they use up to age 40



This is **3.2x** 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	49%
Had concern report in the last three years	38%
Hospital admission in last three years	30%
Family have been in social housing	29%
Has appeared in court	8%

Vulnerable groups by FACS District: Illawarra Shoalhaven



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	2,827	2,185	1,330	879	463	7,684	2,003	1,395	1,109	922	721	6,150	530	735	574	359	162	2,360
	12%	9%	6%	4%	2%	33%	4%	3%	2%	2%	2%	13%	3%	5%	4%	2%	1%	15%
% Who identify as Aboriginal	4%	15%	27%	40%	58%	18%	4%	14%	24%	39%	53%	21%	5%	14%	19%	32%	49%	18%
Estimated future cost to NSW govt	0.7x \$40,616	1.3x \$79,993	3.0x \$177,773	5.4x \$323,039	9.0x \$533,513	\$137,536	0.7x \$40,161	1.8x \$100,144	3.7x \$207,514	6.3x \$351,489	9.7x \$538,135	\$189,011	0.6x \$24,174	1.4x \$57,440	3.0x \$121,358	5.8x \$231,201	15.1x \$601,898	\$129,393
% Expected to have a ROSH report in future	0.8x 15%	1.9x 33%	3.1x 54%	4.0x 71%	5.0x 87%	37%	1.0x 15%	2.5x 37%	3.8x 56%	4.8x 70%	5.7x 83%	44%	0.6x 2%	2.3x 6%	4.7x 12%	8.5x 22%	10.8x 28%	10%
% Expected to interact with the justice system	0.9x 13%	1.4x 19%	2.2x 31%	3.0x 41%	4.0x 56%	23%	1.0x 14%	1.6x 22%	2.5x 34%	3.2x 45%	4.1x 58%	29%	0.8x 11%	1.4x 18%	2.3x 30%	3.6x 45%	6.0x 76%	27%
% of males expected to enter custody	0.7x 3%	1.5x 6%	3.6x 15%	5.8x 24%	9.4x 38%	10%	0.7x 3%	2.0x 8%	4.0x 17%	6.3x 26%	9.3x 39%	14%	0.6x 2%	1.5x 6%	3.5x 13%	6.9x 27%	15.1x 59%	15%
% Expected to use NSW mental health services	0.9x 17%	1.3x 24%	1.9x 35%	2.5x 47%	3.2x 60%	28%	1.3x 24%	1.9x 35%	2.4x 44%	2.9x 53%	3.4x 63%	39%	1.6x 20%	2.6x 34%	3.0x 39%	3.7x 48%	4.9x 64%	36%
% Expected to complete the HSC in NSW	1.1x 71%	0.8x 53%	0.6x 39%	0.4x 28%	0.3x 20%	52%	1.1x 71%	0.8x 56%	0.6x 41%	0.5x 30%	0.3x 21%	50%	1.2x 76%	0.8x 53%	0.6x 36%	0.4x 25%	0.1x 7%	47%
% Expected to use social housing as adults	0.4x 1%	1.4x 4%	5.2x 13%	7.8x 20%	10.1x 25%	7%	0.4x 1%	1.7x 5%	5.1x 14%	8.0x 22%	10.3x 28%	10%	0.1x 0%	1.3x 4%	5.1x 17%	7.8x 25%	11.8x 38%	12%
% of females expected to become young mothers	0.6x 3%	1.4x 7%	2.8x 13%	4.7x 22%	7.1x 33%	10%	0.7x 3%	1.5x 7%	2.9x 14%	4.9x 24%	7.1x 34%	13%	0.6x 3%	1.6x 8%	2.7x 13%	4.9x 23%	7.8x 37%	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: Illawarra Shoalhaven – 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

	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
Kiama	1,101	286	26%	4%	2,385	211	9%	3%	855	92	11%	8%
Shellharbour	4,975	1,820	37%	16%	10,587	1,343	13%	18%	3,470	508	15%	20%
Shoalhaven	3,827	1,637	43%	31%	8,169	1,591	19%	34%	2,916	616	21%	24%
Wollongong	13,432	3,941	29%	15%	25,974	3,005	12%	17%	8,126	1,144	14%	16%