



TFM Investment Model



How to interpret this information pack

Page 2

Page 2 presents a snapshot of information for the **South Western Sydney** 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 **South Western Sydney**:

- 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

Page 3 presents the projected outcomes for **South Western Sydney** 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).

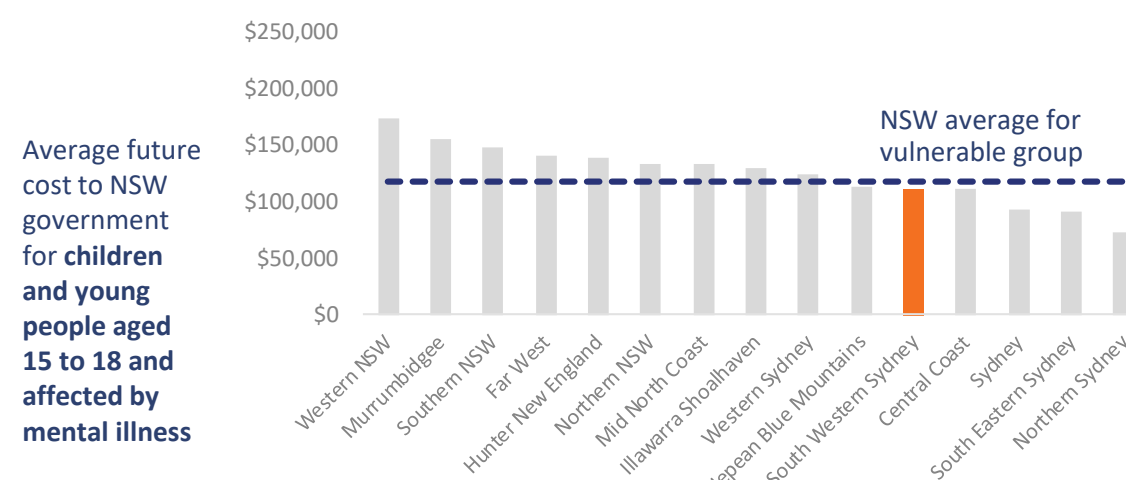
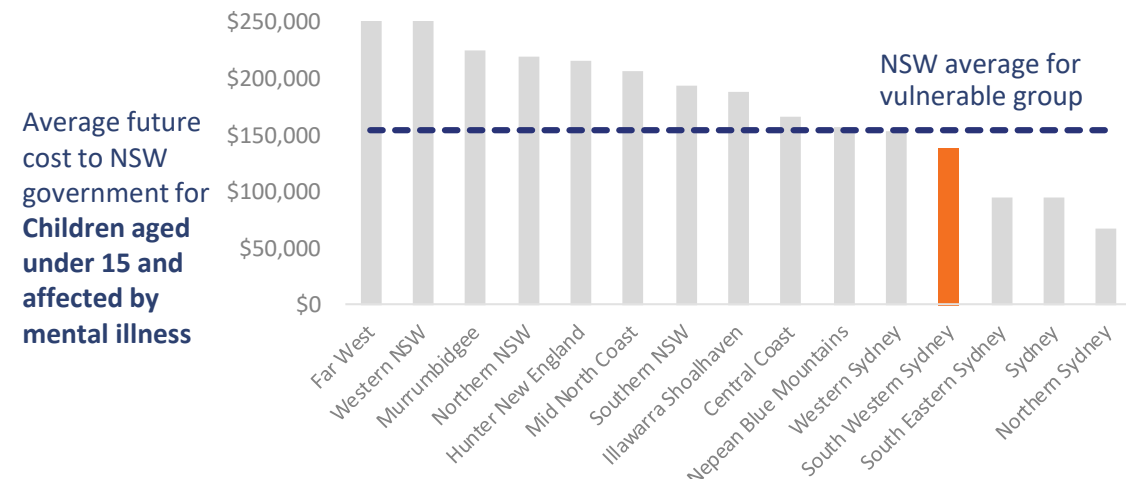
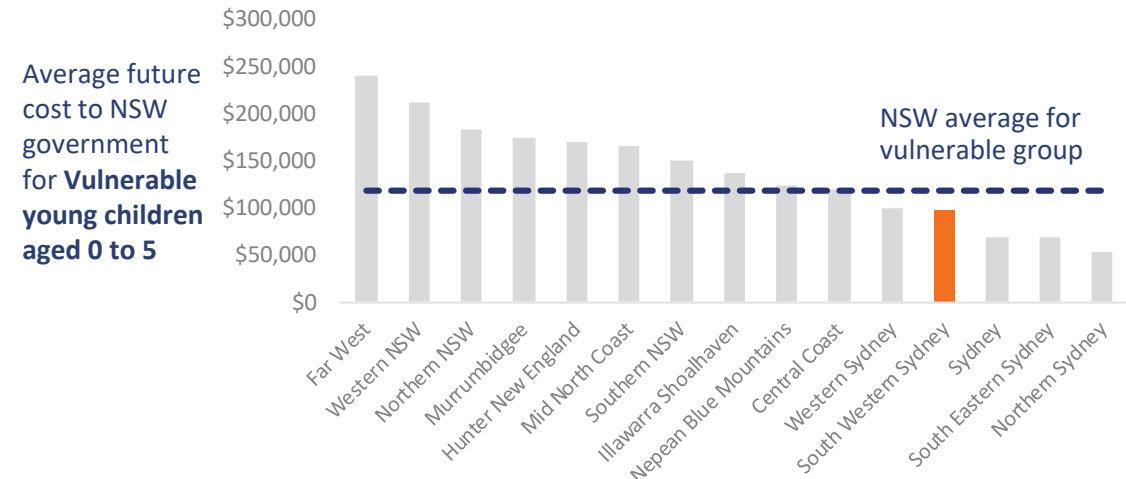
Page 3 also presents outcomes for all children and young people classed as vulnerable in **South Western Sydney** – shaded in blue.

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

Page 4 looks at vulnerable groups in the LGA/s of the **South Western Sydney**. 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 **South Western Sydney** FACS District



Key insights for vulnerable young children aged 0 to 5 in **South Western Sydney**

- **4th lowest out of 15** in estimated future cost to NSW government.
- **27%** of children aged 0 to 5 belong to this vulnerable group (5th lowest out of 15 FACS districts).
- Projected outcomes for the vulnerable group are similar to the NSW average for this group, e.g. 33% 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 **South Western Sydney**

- **4th lowest out of 15** in estimated future cost to NSW government
- **11%** of children aged under 15 belong to this vulnerable group (5th lowest out of 15 FACS districts).
- Projected outcomes for the vulnerable group are similar to the NSW average for this group, e.g. 9% of the females in this vulnerable group are expected to become a young mother in the future compared to 11% for the NSW average for this group.

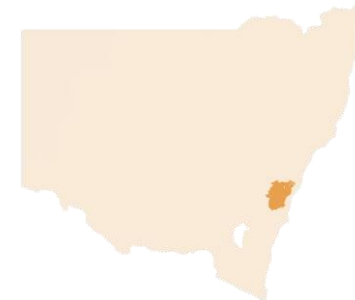
Key insights for children and young people aged 15 to 18 and affected by mental health in **South Western Sydney**

- **5th lowest out of 15** in estimated future cost to NSW government
- **11%** of children and young people aged 15 to 18 belong to this vulnerable group (5th lowest out of 15 FACS districts).
- Projected outcomes for the vulnerable group are similar to the NSW average for this group, e.g. 11% of the vulnerable group are expected to enter social housing in the future compared to 9% for the NSW average for this group.



Vulnerable groups by FACS District:

South Western Sydney



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 **South Western Sydney**

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 **23,727** children in South Western Sydney in the vulnerable young children group.

That's about

1 in 4



South Western Sydney children aged 0 to 5.

On average, these children are estimated to **cost the NSW govt \$98k** for the key human services they use up to age 40



This is **1.6x** 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	30%
Mother smoked during pregnancy	22%
Child had concern report	23%
Mother aged 21 and under at childbirth	13%
Parents have been in social housing	10%

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 **17,150** children in South Western Sydney in the children aged under 15 and affected by mental illness group.

That's about

1 in 9



South Western Sydney children aged under 15.

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



This is **2.5x** 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	36%
Mother smoked during pregnancy	23%
Parents have interacted with justice system	26%
Mother aged 21 and under at childbirth	15%
Parents have been in social housing	17%

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 **5,352** C/YP in South Western Sydney in the C/YP aged 15 to 18 and affected by mental illness group.

That's about

1 in 9



South Western Sydney C/YP aged 15 to 18.

On average, these C/YP are estimated to **cost the NSW govt \$112k** for the key human services they use up to age 40



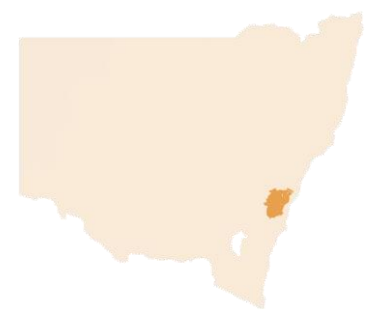
This is **2.8x** the average cost for all NSW C/YP aged 15-18

Indicators for mental health: C/YP (15-18)	Proportion of vulnerable group with indicator
NAPLAN Year 7 band less than 6	48%
Had concern report in the last three years	31%
Hospital admission in last three years	32%
Family have been in social housing	26%
Has appeared in court	5%



Vulnerable groups by FACS District:

South Western Sydney



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

Projected 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	10,071	7,393	3,727	1,819	717	23,727	6,904	4,638	2,640	1,854	1,113	17,150	1,300	1,821	1,265	656	311	5,352
	12%	8%	4%	2%	1%	27%	4%	3%	2%	1%	1%	11%	3%	4%	3%	1%	1%	11%
% Who identify as Aboriginal	2%	5%	12%	26%	42%	8%	3%	7%	17%	27%	44%	12%	2%	7%	13%	24%	39%	11%
Estimated future cost to NSW govt	0.7x \$40,391	1.2x \$71,343	2.4x \$141,844	4.7x \$279,569	8.2x \$487,529	\$97,825	0.8x \$42,084	1.6x \$90,152	3.4x \$186,665	5.8x \$320,346	9.3x \$519,265	\$138,392	0.6x \$22,207	1.3x \$50,156	2.8x \$110,080	5.9x \$236,304	14.9x \$596,472	\$112,065
% Expected to have a ROSH report in future	0.9x 16%	2.0x 34%	2.9x 50%	3.9x 69%	4.8x 84%	33%	1.2x 17%	2.6x 38%	3.8x 56%	4.8x 70%	5.5x 81%	38%	0.7x 2%	1.7x 4%	4.3x 11%	8.0x 21%	12.7x 32%	9%
% Expected to interact with the justice system	0.9x 13%	1.3x 18%	1.9x 26%	2.6x 37%	3.6x 50%	19%	1.0x 14%	1.6x 23%	2.3x 32%	3.0x 42%	3.9x 54%	25%	0.9x 11%	1.3x 16%	2.1x 27%	3.6x 45%	5.4x 68%	24%
% of males expected to enter custody	0.6x 2%	1.3x 5%	2.6x 11%	5.0x 20%	8.1x 33%	7%	0.8x 3%	1.8x 8%	3.6x 15%	5.8x 24%	9.0x 38%	11%	0.5x 2%	1.2x 4%	3.2x 12%	6.6x 25%	15.0x 58%	11%
% Expected to use NSW mental health services	1.0x 18%	1.3x 24%	1.7x 32%	2.3x 44%	3.0x 56%	25%	1.4x 26%	1.9x 35%	2.4x 43%	2.8x 52%	3.3x 61%	36%	1.6x 20%	2.3x 29%	3.1x 40%	3.8x 49%	4.9x 64%	34%
% Expected to complete the HSC in NSW	1.0x 70%	0.8x 56%	0.7x 44%	0.5x 32%	0.3x 22%	57%	1.1x 69%	0.8x 56%	0.6x 42%	0.5x 31%	0.3x 23%	54%	1.3x 78%	1.0x 59%	0.7x 41%	0.4x 25%	0.2x 11%	52%
% Expected to use social housing as adults	0.5x 1%	1.5x 4%	4.0x 10%	7.0x 18%	9.6x 24%	5%	0.5x 1%	2.0x 5%	5.1x 14%	7.6x 20%	9.6x 26%	8%	0.2x 1%	1.7x 6%	4.2x 14%	8.6x 28%	12.2x 39%	11%
% of females expected to become young mothers	0.7x 3%	1.3x 6%	2.1x 10%	3.9x 18%	6.7x 31%	7%	0.7x 3%	1.5x 7%	2.5x 12%	4.2x 20%	6.6x 32%	9%	0.7x 3%	1.2x 6%	2.4x 11%	4.9x 23%	7.6x 35%	10%

*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:

South Western Sydney – 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
Camden	6,510	1,530	24%	9%	13,355	1,406	11%	11%	4,128	457	11%	9%
Campbelltown	13,347	4,805	36%	17%	25,490	3,832	15%	21%	6,914	1,172	17%	20%
Canterbury-Bankstown*	28,985	7,458	26%	2%	50,154	4,734	9%	5%	13,677	1,313	10%	4%
Fairfield	14,592	3,846	26%	6%	26,117	2,117	8%	10%	8,060	746	9%	9%
Liverpool	17,584	4,390	25%	8%	32,307	3,469	11%	12%	9,329	1,045	11%	12%
Wingecarribee	2,372	714	30%	12%	5,229	672	13%	13%	2,097	346	16%	12%
Wollondilly	3,641	984	27%	11%	7,693	919	12%	15%	2,459	274	11%	15%