



# TFM Investment Model



## How to interpret this information pack

### Page 2

Page 2 presents a snapshot of information for the **Far West** 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 **Far West**:

- 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 **Far West** 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).

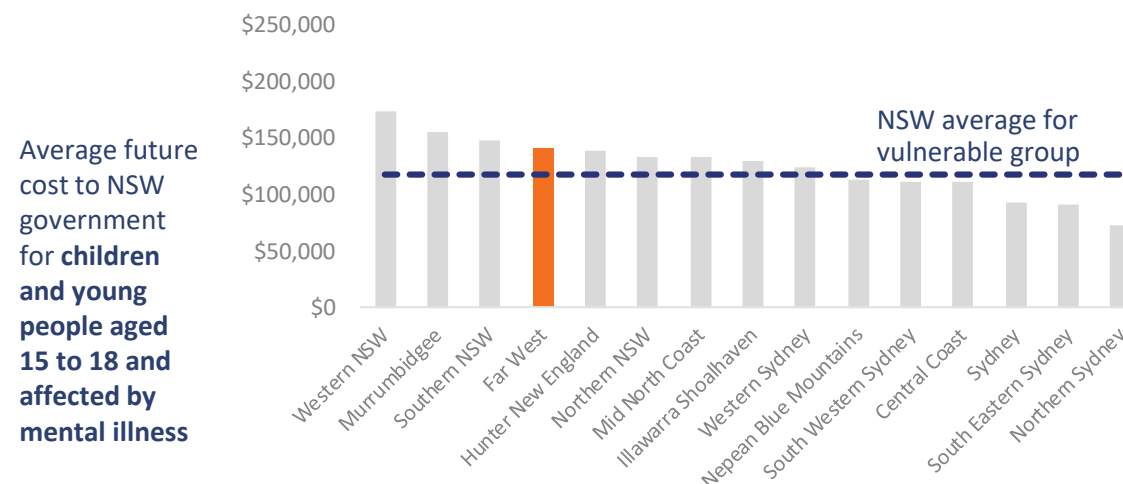
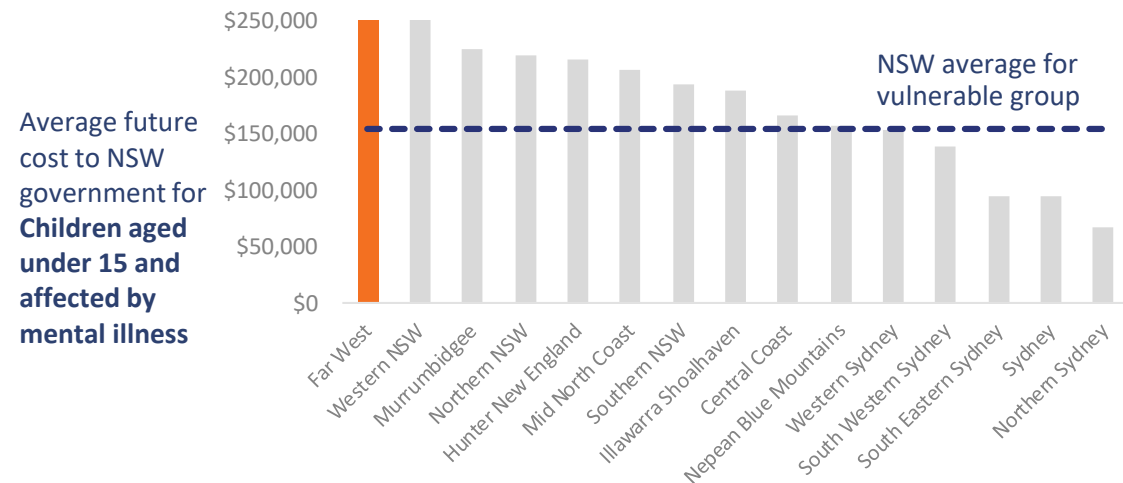
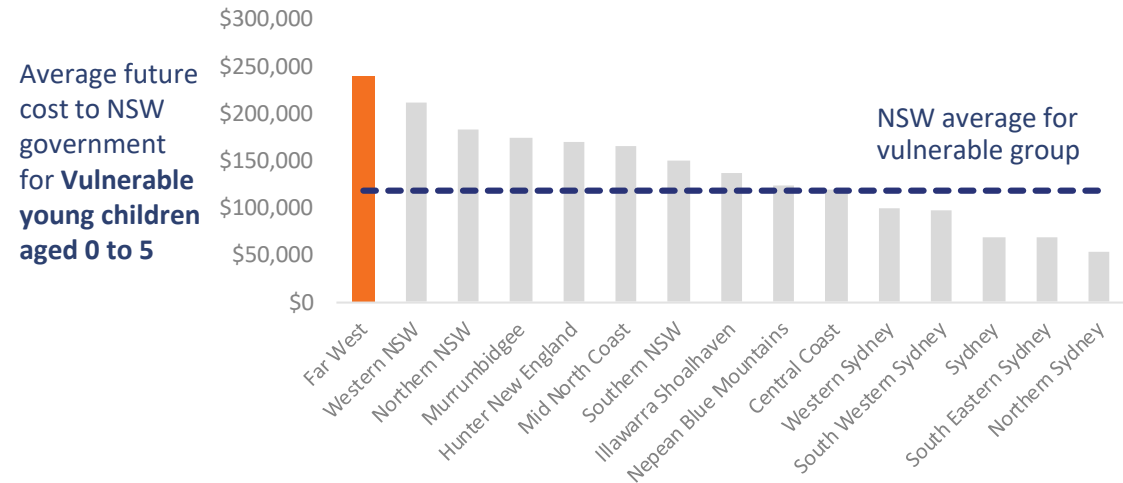
Page 3 also presents outcomes for all children and young people classed as vulnerable in **Far West** – shaded in blue.

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 **Far West**. 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 **Far West** FACS District



### Key insights for vulnerable young children aged 0 to 5 in **Far West**

- **The highest out of 15** in estimated future cost to NSW government.
- **51%** of children aged 0 to 5 belong to this vulnerable group (the highest out of 15 FACS districts).
- Projected future outcomes for the vulnerable group are relatively poor and are generally the worst out of all 15 FACS districts. E.g. 51% 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 **Far West**

- **The highest out of 15** in estimated future cost to NSW government
- **39%** of children aged under 15 belong to this vulnerable group (the highest out of 15 FACS districts).
- Projected future outcomes for the vulnerable group are relatively poor and are generally the worst out of all 15 FACS districts. E.g. 39% of the vulnerable group are expected to interact with the justice system 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 **Far West**

- **4<sup>th</sup> highest out of 15** in estimated future cost to NSW government
- **44%** of children and young people aged 15 to 18 belong to this vulnerable group (the highest out of 15 FACS districts).
- Projected future outcomes for the vulnerable group are relatively poor and are generally the worst out of all 15 FACS districts. The one exception to this is the proportion of vulnerable group that are expected to use social housing as an adult (7%), where **Far West** is one of the lowest across all 15 FACS districts.



# Vulnerable groups by FACS District:

## Far West



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 **Far West**

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 **644** children in Far West in the vulnerable young children group.

That's about

**1 in 2**



Far West children aged 0 to 5.

On average, these children are estimated to **cost the NSW govt \$241k** for the key human services they use up to age 40



This is **4.1x** 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	44%
Mother smoked during pregnancy	54%
Child had concern report	39%
Mother aged 21 and under at childbirth	24%
Parents have been in social housing	3%

### 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 **1,105** children in Far West in the children aged under 15 and affected by mental illness group.

That's about

**1 in 3**



Far West children aged under 15.

On average, these children are estimated to **cost the NSW govt \$265k** for the key human services they use up to age 40



This is **4.8x** 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	53%
Parents have interacted with justice system	42%
Mother aged 21 and under at childbirth	30%
Parents have been in social housing	6%

### 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 **384** C/YP in Far West in the C/YP aged 15 to 18 and affected by mental illness group.

That's about

**1 in 2**



Far West C/YP aged 15 to 18.

On average, these C/YP are estimated to **cost the NSW govt \$141k** for the key human services they use up to age 40



This is **3.5x** the average cost for all NSW C/YP aged 15-18

#### Indicators for mental health: C/YP (15 to 18)

Proportion of vulnerable group with indicator

NAPLAN Year 7 band less than 6	72%
Had concern report in the last three years	38%
Hospital admission in last three years	22%
Family have been in social housing	15%
Has appeared in court	7%



# Vulnerable groups by FACS District:

## Far West



### 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

Projected 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	113	204	175	108	44	644	186	282	309	224	105	1,105	68	141	103	45	27	384
	9%	16%	14%	9%	3%	51%	7%	10%	11%	8%	4%	39%	8%	16%	12%	5%	3%	44%
% Who identify as Aboriginal	N/A	N/A	57%	49%	77%	38%	9%	32%	54%	60%	79%	45%	19%	42%	59%	N/A	N/A	48%
Estimated future cost to NSW govt	0.9x \$53,715	2.2x \$128,236	4.6x \$273,437	6.8x \$403,636	12.0x \$714,992	\$240,899	0.9x \$48,940	2.3x \$127,227	4.7x \$260,903	7.9x \$440,137	11.9x \$660,771	\$265,439	1.0x \$38,677	1.4x \$55,112	3.5x \$141,528	6.2x \$249,082	16.4x \$653,037	\$140,609
% Expected to have a ROSH report in future	1.3x 22%	2.0x 36%	3.6x 63%	4.2x 74%	5.3x 93%	51%	1.2x 18%	2.5x 37%	4.1x 60%	5.2x 77%	6.0x 88%	53%	1.6x 4%	1.4x 4%	8.2x 21%	8.8x 22%	10.8x 28%	12%
% Expected to interact with the justice system	1.3x 17%	1.9x 26%	2.9x 40%	3.4x 47%	4.9x 68%	35%	1.2x 17%	2.1x 29%	2.9x 41%	3.8x 54%	4.9x 69%	39%	1.2x 15%	1.5x 19%	3.0x 38%	4.1x 52%	6.0x 76%	31%
% of males expected to enter custody	0.8x 3%	3.0x 12%	6.0x 24%	8.6x 35%	13.7x 56%	21%	1.0x 4%	3.0x 13%	5.7x 24%	9.7x 41%	12.5x 52%	24%	0.7x 3%	1.5x 6%	4.7x 18%	10.0x 39%	16.7x 65%	17%
% Expected to use NSW mental health services	1.4x 27%	2.2x 42%	3.2x 60%	3.6x 67%	4.3x 80%	51%	2.0x 37%	2.7x 50%	3.3x 61%	3.9x 72%	4.2x 76%	58%	2.3x 30%	2.9x 37%	3.8x 49%	4.2x 55%	5.6x 73%	44%
% Expected to complete the HSC in NSW	0.8x 56%	0.6x 38%	0.4x 24%	0.3x 21%	0.2x 11%	33%	0.9x 60%	0.6x 42%	0.4x 26%	0.3x 20%	0.2x 13%	33%	1.0x 62%	0.8x 47%	0.4x 28%	0.2x 13%	0.1x 5%	38%
% Expected to use social housing as adults	0.3x 1%	2.8x 7%	4.8x 12%	6.9x 17%	8.7x 22%	10%	0.4x 1%	2.4x 7%	4.0x 11%	6.4x 17%	8.4x 23%	11%	0.4x 1%	0.7x 2%	2.7x 9%	3.8x 12%	8.3x 27%	7%
% of females expected to become young mothers	1.1x 5%	2.4x 11%	4.2x 19%	5.1x 24%	7.7x 36%	16%	1.2x 6%	2.5x 12%	4.2x 20%	5.7x 28%	9.2x 45%	19%	1.0x 5%	2.0x 9%	3.9x 18%	5.7x 27%	9.3x 44%	15%

\*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:

## Far West – 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
Balranald *	8	NA	NA	NA	31	NA	NA	NA	15	NA	NA	NA
Broken Hill	1,106	554	50%	33%	2,335	909	39%	40%	714	306	43%	42%
Central Darling	83	58	70%	81%	219	101	46%	82%	53	31	58%	77%
Unincorporated NSW *	50	22	44%	45%	113	NA	NA	NA	44	NA	NA	NA
Wentworth *	12	NA	NA	NA	124	57	46%	56%	56	30	54%	80%

\* Some cells have been set to NA to minimise the risk of re-identification. These cells either have a count of less than 5 people or have the lowest number of people in the FACS District in the remaining LGAs.