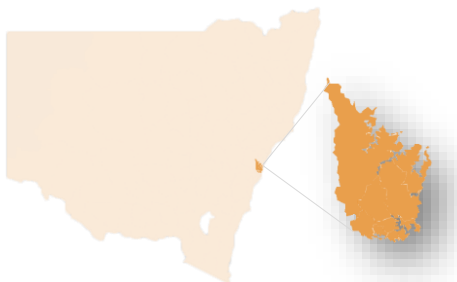




# TFM Investment Model



## How to interpret this information pack

### Page 2

presents a snapshot of information for the **Northern 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 **Northern 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

presents the projected outcomes for **Northern 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).

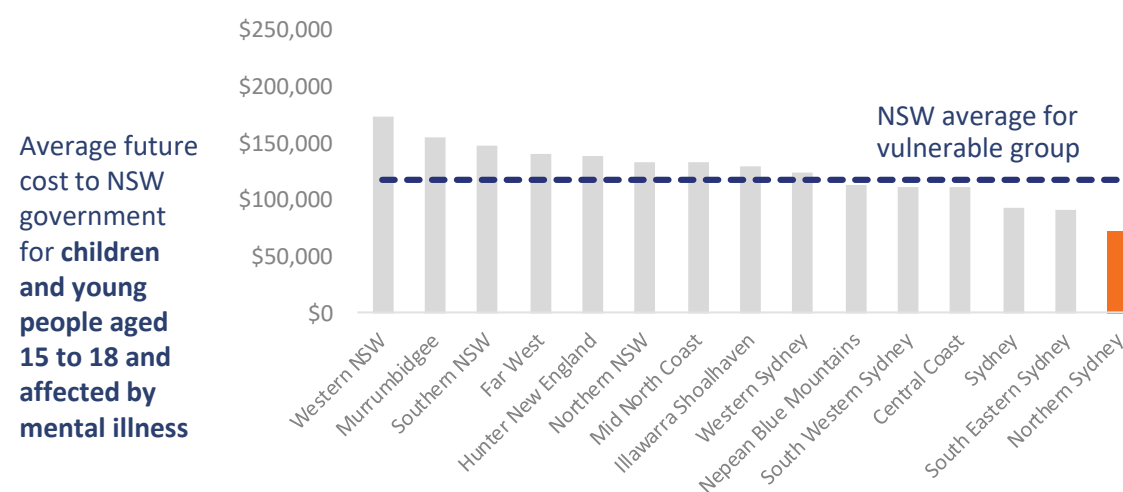
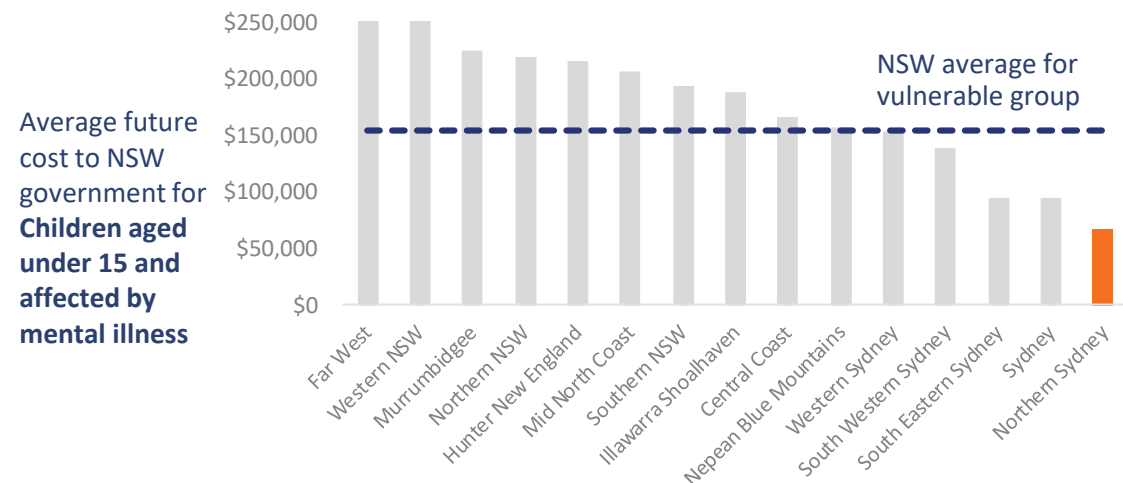
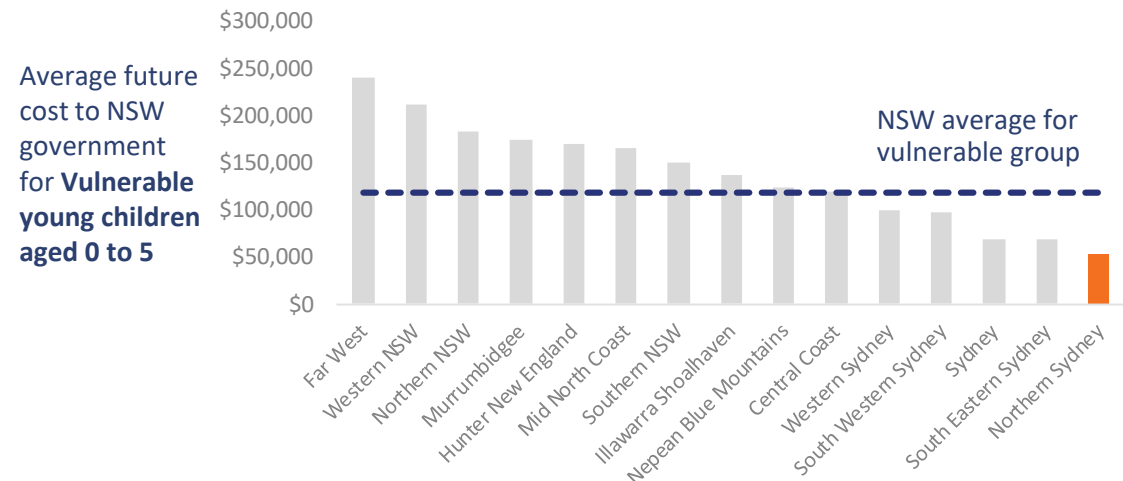
Page 3 also presents outcomes for all children and young people classed as vulnerable in **Northern Sydney** – shaded in blue.

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

looks at vulnerable groups in the LGA/s of the **Northern 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 Northern Sydney FACS District



### Key insights for vulnerable young children aged 0 to 5 in Northern Sydney

- **The lowest out of 15** in estimated future cost to NSW government.
- **19%** of children aged 0 to 5 belong to this vulnerable group (the lowest out of 15 FACS districts).
- Northern Sydney has the best projected outcomes for the vulnerable group among all districts in NSW, e.g. 19% 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 Northern Sydney

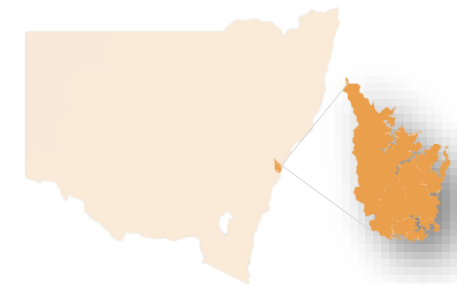
- **The lowest out of 15** in estimated future cost to NSW government
- **9%** of children aged under 15 belong to this vulnerable group (2<sup>nd</sup> lowest out of 15 FACS districts).
- Northern Sydney has the best projected outcomes for the vulnerable group among all districts in NSW, e.g. 3% of the vulnerable group are expected to enter social housing in the future compared to 8% for the NSW average for this group.

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

- **The lowest out of 15** in estimated future cost to NSW government
- **10%** of children and young people aged 15 to 18 belong to this vulnerable group (2<sup>nd</sup> lowest out of 15 FACS districts).
- Projected outcomes for the vulnerable group are better than the NSW average for this group except for the use of NSW mental health services. 39% of the vulnerable group are expected to use mental health services in the future compared to 36% for the NSW average for this group.



# Vulnerable groups by FACS District: Northern 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 **Northern 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 **14,130** children in Northern Sydney in the vulnerable young children group.

That's about

**1 in 5**

Northern Sydney children aged 0 to 5.

On average, these children are estimated to **cost the NSW govt \$54k** for the key human services they use up to age 40



This is **0.9x** 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	12%
Mother smoked during pregnancy	8%
Child had concern report	14%
Mother aged 21 and under at childbirth	4%
Parents have been in social housing	2%

## 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 **12,174** children in Northern Sydney in the children aged under 15 and affected by mental illness group.

That's less than

**1 in 10**

Northern Sydney children aged under 15.

On average, these children are estimated to **cost the NSW govt \$68k** for the key human services they use up to age 40



This is **1.2x** 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	20%
Mother smoked during pregnancy	8%
Parents have interacted with justice system	9%
Mother aged 21 and under at childbirth	4%
Parents have been in social housing	5%

## 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 **3,689** C/YP in Northern Sydney in the C/YP aged 15 to 18 and affected by mental illness group.

That's about

**1 in 10**

Northern Sydney C/YP aged 15 to 18.

On average, these C/YP are estimated to **cost the NSW govt \$73k** for the key human services they use up to age 40



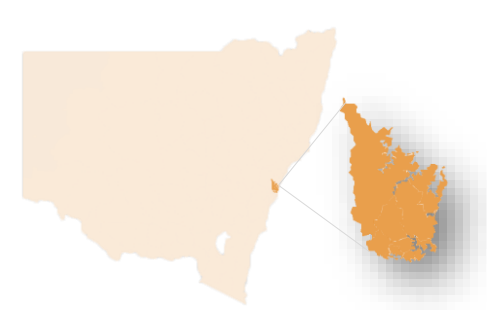
This is **1.8x** the average cost for all NSW C/YP aged 15-18

Indicators for mental health: C/YP (15-18)	Proportion of vulnerable group with indicator
NAPLAN Year 7 band less than 6	23%
Had concern report in the last three years	21%
Hospital admission in last three years	36%
Family have been in social housing	8%
Has appeared in court	4%



# Vulnerable groups by FACS District:

## Northern 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	10,179	2,800	770	250	131	14,130	8,733	2,174	735	340	191	12,174	1,526	1,280	605	208	71	3,689
	13%	4%	1%	0%	0%	19%	6%	2%	1%	0%	0%	9%	4%	4%	2%	1%	0%	10%
% Who identify as Aboriginal	1%	3%	9%	24%	34%	2%	1%	3%	11%	19%	33%	3%	2%	2%	3%	12%	37%	3%
Estimated future cost to NSW govt	0.6x \$34,422	1.0x \$62,091	2.1x \$124,804	5.3x \$312,373	8.3x \$495,788	\$54,025	0.7x \$36,252	1.3x \$73,947	3.0x \$167,282	6.2x \$345,359	10.4x \$578,470	\$68,049	0.5x \$21,009	1.2x \$48,924	2.7x \$106,694	6.4x \$257,347	19.6x \$782,842	\$72,690
% Expected to have a ROSH report in future	0.6x 11%	2.0x 35%	2.7x 48%	4.0x 70%	4.9x 85%	19%	0.8x 11%	2.6x 38%	3.5x 52%	4.8x 71%	5.5x 81%	21%	0.4x 1%	1.4x 4%	3.7x 9%	7.1x 18%	10.8x 28%	5%
% Expected to interact with the justice system	0.7x 10%	1.2x 16%	1.6x 22%	2.5x 35%	3.2x 44%	13%	0.8x 11%	1.5x 21%	2.0x 28%	2.9x 40%	3.6x 51%	15%	0.7x 9%	1.3x 16%	2.0x 26%	3.9x 49%	5.7x 72%	18%
% of males expected to enter custody	0.5x 2%	0.9x 4%	1.8x 7%	4.0x 16%	7.5x 31%	3%	0.5x 2%	1.2x 5%	2.8x 12%	4.8x 20%	8.2x 34%	4%	0.5x 2%	1.3x 5%	3.1x 12%	7.3x 28%	16.1x 62%	7%
% Expected to use NSW mental health services	1.0x 18%	1.4x 26%	1.8x 34%	2.6x 49%	3.1x 59%	21%	1.7x 30%	2.3x 41%	2.6x 48%	3.1x 56%	3.4x 63%	34%	2.0x 26%	3.3x 43%	4.1x 53%	4.6x 60%	5.4x 71%	39%
% Expected to complete the HSC in NSW	1.1x 76%	1.0x 66%	0.8x 51%	0.5x 35%	0.4x 23%	71%	1.2x 77%	1.0x 67%	0.8x 51%	0.6x 37%	0.4x 25%	72%	1.4x 84%	1.1x 68%	0.8x 48%	0.5x 31%	0.2x 11%	68%
% Expected to use social housing as adults	0.3x 1%	0.8x 2%	3.2x 8%	6.3x 16%	9.8x 25%	2%	0.2x 1%	1.2x 3%	5.1x 14%	7.8x 21%	11.0x 30%	3%	0.2x 1%	0.9x 3%	3.1x 10%	7.2x 23%	13.4x 43%	5%
% of females expected to become young mothers	0.5x 2%	0.9x 4%	1.9x 9%	3.7x 17%	5.6x 26%	4%	0.6x 3%	1.1x 5%	2.2x 11%	3.8x 19%	6.1x 29%	5%	0.5x 2%	1.0x 5%	2.1x 10%	4.3x 20%	6.0x 28%	6%

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

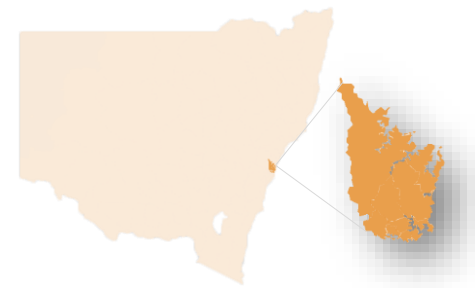
1.5x  
\$45,000

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:

## Northern 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
Hornsby	9,013	1,765	20%	3%	18,172	1,628	9%	3%	5,665	689	12%	2%
Hunters Hill *	724	102	14%	6%	1,499	113	8%	NA	587	36	6%	NA
Ku-ring-gai *	6,229	1,031	17%	NA	13,194	1,027	8%	NA	4,982	378	8%	2%
Lane Cove *	2,771	463	17%	2%	4,582	458	10%	1%	1,056	122	12%	NA
Mosman *	1,736	316	18%	NA	3,120	278	9%	NA	918	75	8%	NA
North Sydney *	5,416	855	16%	1%	7,750	725	9%	1%	1,077	137	13%	NA
Northern Beaches	18,549	3,621	20%	3%	35,304	3,475	10%	3%	9,611	1,150	12%	3%
Parramatta**	18,265	3,539	19%	4%	29,235	2,163	7%	5%	6,123	614	10%	7%
Ryde	8,284	1,606	19%	2%	13,290	1,436	11%	3%	3,288	301	9%	2%
Willoughby *	5,329	832	16%	NA	9,420	870	9%	1%	2,129	186	9%	5%