

TFM Family Investment model



How to interpret this information pack

Page 2

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

Murrumbidgee:

- 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 **Murrumbidgee** 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 **Murrumbidgee** – shaded in blue.

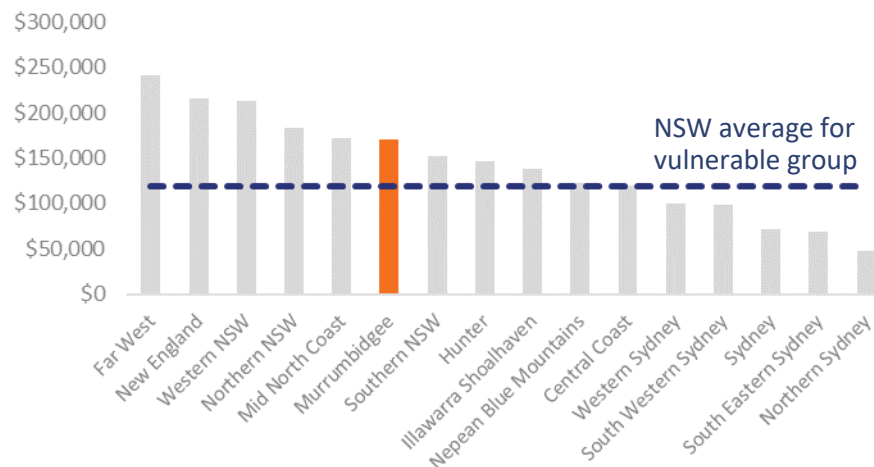
These indicators differ depending on the vulnerable group, however the **consistent finding is that the more vulnerable indicators a child has experience with, the more they are expected to interact with the criminal justice system, social housing, child protection and mental health services.**

Page 4

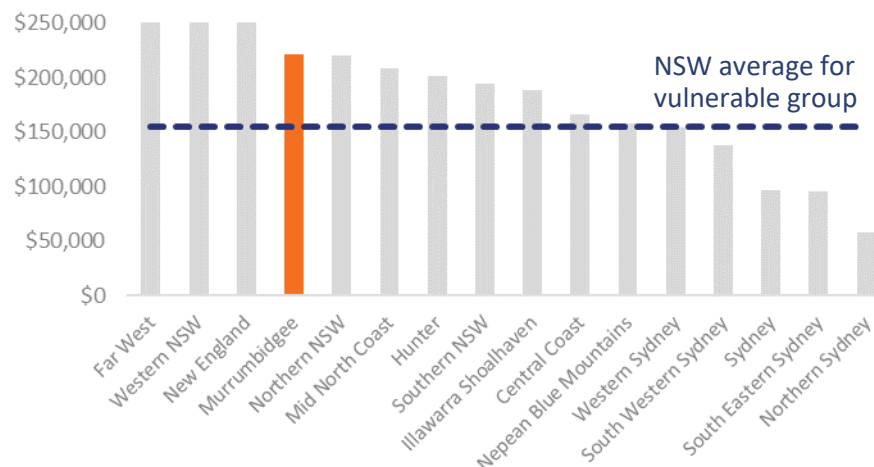
looks at vulnerable groups in the LGA/s of the **Murrumbidgee**. It shows, for each vulnerable group: the number of children and young people in the relevant age bracket, the number in the vulnerable group, the proportion (%) of children and young people classed as vulnerable, and the proportion (%)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

Key findings for the **Murrumbidgee** FACS district

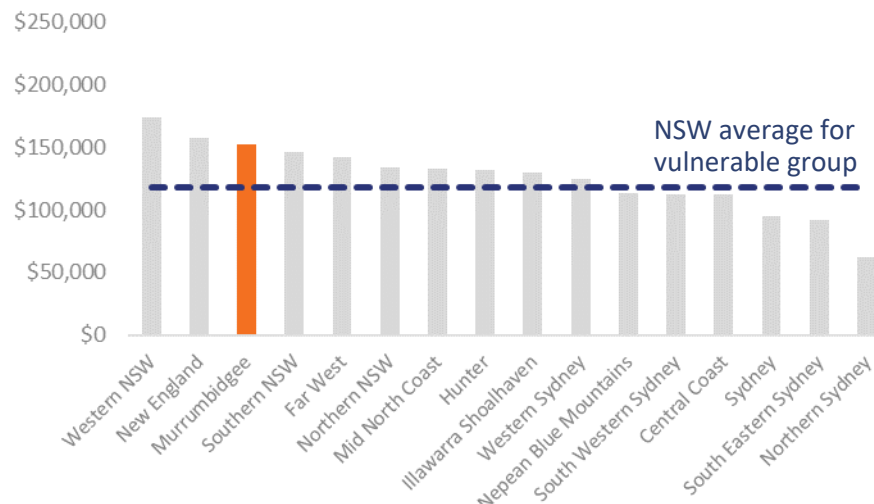
Average future cost to NSW government for **Vulnerable young children aged 0 to 5**



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 **Murrumbidgee**

- **6th highest out of 16** in estimated future cost to NSW government.
- **37%** of children aged 0 to 5 belong to this vulnerable group (6th highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are worse than the NSW average for this group, e.g. 44% of the vulnerable group are expected to complete the HSC in NSW compared to the NSW average of 56% for this group.

Key insights for children aged under 15 and affected by mental illness in **Murrumbidgee**

- **4th highest out of 16** in estimated future cost to NSW government
- **14%** of children aged under 15 belong to this vulnerable group (8th highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are worse than the NSW average for this group, e.g. 34% of the vulnerable group are expected to interact with the justice system 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 **Murrumbidgee**

- **3rd 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 (5th highest out of 16 FACS districts).
- Projected outcomes for the vulnerable group are slightly worse than the NSW average for this group, e.g. 39% of the vulnerable group are expected to use NSW mental health services compared to the NSW average of 36% for this group.



Note: Geographic information presented in this document is based on the most up to date address of children and young people within the last 5 years.

Vulnerable groups by FACS District: Murrumbidgee



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 **Murrumbidgee**

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 **4,914** children in Murrumbidgee in the vulnerable young children group.

That's about

1 in 3



Murrumbidgee children aged 0 to 5.

On average, these children are estimated to **cost the NSW govt \$171K** each for the key human services they use up to age 40



This is **2.9x** 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	39%
Mother smoked during pregnancy	40%
Child had concern report	31%
Mother aged 21 and under at childbirth	23%
Parents have been in social housing	17%

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 **4,159** children in Murrumbidgee in the children aged under 15 and affected by mental illness group.

That's about

1 in 7



Murrumbidgee children aged under 15.

On average, these children are estimated to **cost the NSW govt \$221k** each for the key human services they use up to age 40



This is **4.0x** 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	49%
Mother smoked during pregnancy	42%
Parents have interacted with justice system	39%
Mother aged 21 and under at childbirth	27%
Parents have been in social housing	29%

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 **1,927** C/YP in Murrumbidgee in the C/YP aged 15 to 18 and affected by mental illness group.

That's about

1 in 5



Murrumbidgee C/YP aged 15 to 18.

On average, these C/YP are estimated to **cost the NSW govt \$152k** each for the key human services they use up to age 40



This is **3.8x** 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	53%
Had concern report in the last three years	39%
Hospital admission in last three years	35%
Family have been in social housing	31%
Has appeared in court	9%

Vulnerable groups by FACS District: Murrumbidgee



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

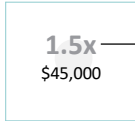
Number of indicators* associated with poorer outcomes

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	1,399	1,318	1,021	749	427	4,914	954	958	831	769	647	4,159	370	613	452	302	189	1,927
	11%	10%	8%	6%	3%	37%	3%	3%	3%	3%	2%	14%	4%	6%	5%	3%	2%	20%
% Who identify as Aboriginal	9%	18%	28%	48%	63%	26%	8%	19%	28%	45%	58%	29%	6%	12%	26%	41%	63%	24%
Estimated future cost to NSW govt	0.8x \$47,397	1.5x \$88,822	2.8x \$167,066	5.4x \$322,314	9.6x \$570,361	\$170,681	1.0x \$52,864	1.8x \$100,031	3.7x \$206,940	6.0x \$332,014	9.6x \$533,577	\$220,919	0.6x \$24,179	1.2x \$49,423	2.9x \$114,293	7.0x \$280,188	15.6x \$622,349	\$152,211
% Expected to have a ROSH report in future	1.0x 18%	2.1x 36%	3.0x 52%	4.2x 73%	5.1x 89%	44%	1.2x 17%	2.6x 38%	3.9x 57%	4.9x 71%	5.7x 83%	50%	0.9x 2%	1.9x 5%	5.1x 13%	9.1x 23%	10.8x 28%	11%
% Expected to interact with the justice system	1.0x 14%	1.5x 21%	2.1x 30%	3.0x 42%	4.2x 58%	27%	1.1x 16%	1.7x 24%	2.5x 35%	3.3x 46%	4.1x 58%	34%	0.8x 9%	1.5x 19%	2.4x 31%	3.7x 47%	6.1x 76%	30%
% of males expected to enter custody	0.9x 4%	1.9x 8%	3.5x 14%	6.5x 26%	10.7x 43%	14%	1.0x 4%	2.4x 10%	4.5x 19%	6.7x 28%	9.7x 41%	18%	0.5x 2%	1.4x 6%	3.3x 13%	8.7x 34%	16.6x 64%	17%
% Expected to use NSW mental health services	0.9x 17%	1.4x 26%	1.8x 34%	2.5x 47%	3.3x 62%	31%	1.5x 27%	2.0x 37%	2.5x 45%	2.9x 53%	3.5x 64%	43%	1.8x 23%	2.4x 32%	3.2x 42%	4.0x 52%	5.1x 66%	39%
% Expected to complete the HSC in NSW	1.0x 65%	0.7x 48%	0.6x 38%	0.4x 25%	0.3x 17%	44%	1.0x 67%	0.8x 50%	0.6x 38%	0.4x 27%	0.3x 19%	42%	1.2x 74%	0.9x 53%	0.6x 34%	0.3x 21%	0.1x 7%	43%
% Expected to use social housing as adults	0.7x 2%	1.5x 4%	3.9x 10%	6.7x 17%	9.6x 24%	8%	0.7x 2%	1.9x 5%	4.1x 11%	6.9x 19%	8.9x 24%	11%	0.3x 1%	0.8x 2%	3.4x 11%	5.9x 19%	11.1x 36%	10%
% of females expected to become young mothers	0.8x 4%	1.7x 8%	2.7x 12%	4.9x 23%	7.6x 35%	13%	0.9x 5%	1.9x 9%	3.2x 16%	4.8x 23%	7.9x 38%	17%	0.9x 4%	1.5x 7%	3.1x 15%	5.9x 28%	8.6x 40%	15%

Projected outcomes

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



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: Murrumbidgee – 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
Albury	175	51	29%	35%	1,301	198	15%	21%	693	141	20%	21%
Berrigan*	79	20	25%	NA	197	35	18%	40%	107	28	26%	43%
Bland	385	111	29%	32%	915	106	12%	38%	245	39	16%	26%
Carrathool	175	75	43%	27%	359	40	11%	30%	113	20	18%	35%
Coolamon*	281	71	25%	23%	643	95	15%	21%	177	28	16%	NA
Edward River	327	138	42%	23%	732	124	17%	26%	264	67	25%	7%
Federation*	32	13	41%	NA	178	16	9%	NA	196	40	20%	NA
Greater Hume Shire	154	52	34%	15%	472	73	15%	22%	255	37	15%	19%
Griffith	2,046	804	39%	29%	4,079	489	12%	38%	1,106	184	17%	28%
Gundagai	600	219	37%	25%	1,378	227	16%	25%	575	134	23%	28%
Hay	168	63	38%	14%	352	52	15%	35%	125	19	15%	42%
Hilltops	952	383	40%	23%	2,165	453	21%	26%	795	186	23%	23%
Junee	387	148	38%	23%	768	111	14%	30%	240	63	26%	21%
Leeton	795	326	41%	35%	1,635	244	15%	27%	577	141	24%	20%
Lockhart*	157	41	26%	22%	360	29	8%	52%	149	19	13%	NA
Murray River*	68	28	41%	25%	190	30	16%	NA	95	14	15%	NA
Murrumbidgee*	190	78	41%	38%	465	64	14%	36%	148	20	14%	NA
Narrandera	440	181	41%	50%	933	124	13%	53%	266	38	14%	58%
Snowy Valleys	897	344	38%	17%	1,836	318	17%	21%	577	138	24%	17%
Temora	341	110	32%	15%	795	139	17%	17%	303	60	20%	18%
Wagga Wagga	4,550	1,658	36%	24%	8,966	1,194	13%	30%	2,668	512	19%	26%

* 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.