

## APPENDIX

**Table A1. Summary statistics for predictors derived from the HSDS**

Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
All dataset in HSDS	Aboriginal and/or Torres Strait Islander status	0	Self only	0.06 (0.24)
Admitted Patient Data Collection	Alcohol and other drug-related diagnosis	1	All three	0.00 (0.03)
Admitted Patient Data Collection	Alcohol-related diagnosis	2	All three	0.00 (0.02)
Admitted Patient Data Collection	Cognitive impairment diagnosis	1	All three	0.00 (0.05)
Admitted Patient Data Collection	Drug-related diagnosis	1	All three	0.00 (0.00)
Admitted Patient Data Collection	Mental health diagnosis	1	All three	0.01 (0.10)
Admitted Patient Data Collection	Physical disability diagnosis	1	All three	0.00 (0.07)
Admitted Patient Data Collection	Psychosocial factors diagnosis	2	All three	0.00 (0.01)
Admitted Patient Data Collection	Total potentially preventable hospitalization	1	All three	0.02 (0.00)
Admitted Patient Data Collection	Father's total alcohol and other drug-related diagnosis	1	All three	0.04 (0.00)
Admitted Patient Data Collection	Father's total alcohol-related diagnosis	1	All three	0.09 (0.00)
Admitted Patient Data Collection	Father's total cognitive impairment diagnosis	1	All three	0.00 (0.00)
Admitted Patient Data Collection	Father's total disability diagnosis	0	All three	0.06 (0.00)
Admitted Patient Data Collection	Father's total drug-related diagnosis	1	All three	0.08 (0.00)
Admitted Patient Data Collection	Father's total mental health diagnosis	0	All three	0.03 (0.00)
Admitted Patient Data Collection	Father's total physical disability diagnosis	1	All three	0.01 (0.00)
Admitted Patient Data Collection	Father's total potentially preventable hospitalization	1	All three	0.02 (0.00)
Admitted Patient Data Collection	Father's total psychosocial factors diagnosis	2	All three	0.00 (0.00)
Admitted Patient Data Collection	Mother's total alcohol or other drug-related diagnosis	1	All three	0.03 (0.00)
Admitted Patient Data Collection	Mother's total alcohol-related diagnosis	1	All three	0.06 (0.00)
Admitted Patient Data Collection	Mother's total cognitive impairment diagnosis	1	All three	0.00 (0.00)
Admitted Patient Data Collection	Mother's total disability diagnosis	1	All three	0.06 (0.00)
Admitted Patient Data Collection	Mother's total drug-related diagnosis	1	All three	0.09 (0.00)
Admitted Patient Data Collection	Mother's total mental health diagnosis	1	All three	0.05 (0.00)
Admitted Patient Data Collection	Mother's total physical disability diagnosis	1	All three	0.01 (0.00)
Admitted Patient Data Collection	Mother's total potentially preventable hospitalization	1	All three	0.03 (0.00)
Admitted Patient Data Collection	Mother's total psychosocial factors diagnosis	2	All three	0.00 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group 8	1	Self only	0.00 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group 9	2	Self only	0.00 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group A	1	Self only	0.02 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group B	1	Self only	0.10 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group C	1	Self only	0.02 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group D	1	Self only	0.21 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group E	1	Self only	0.17 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group F	1	Self only	0.02 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group G	1	Self only	0.16 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group H	1	Self only	0.01 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group I	1	Self only	0.13 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group J	1	Self only	0.05 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group K	1	Self only	0.03 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group L	1	Self only	0.03 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group M	1	Self only	0.03 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group N	2	Self only	0.00 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group NA	1	Self only	0.01 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group O	3	Self only	0.00 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group P	1	Self only	0.01 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group Q	1	Self only	0.03 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group R	1	Self only	0.03 (0.00)

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Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group S	11	Self only	0.00 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group T	1	Self only	0.06 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group U	1	Self only	0.06 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group V	3	Self only	0.00 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group W	2	Self only	0.00 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group X	1	Self only	0.04 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group Y	1	Self only	0.01 (0.00)
Admitted Patient Data Collection	Length of Stay for Diagnosis Related Group Z	1	Self only	0.03 (0.00)
Admitted Patient Data Collection	Length of Stay in Psychiatric Unit	2	Self only	0.05 (0.00)
Admitted Patient Data Collection	Length of stay in Intensive Care Unit	1	Self only	0.02 (0.00)
Admitted Patient Data Collection	Length of stay in hospital	1	Self only	1.25 (1.00)
Admitted Patient Data Collection	Total length of stay for Diagnosis Related Group	1	Self only	1.25 (1.00)
Admitted Patient Data Collection & Emergency Department Data Collection	Total alcohol and illicit drug diagnosis	1	All three	0.00 (0.00)
Admitted Patient Data Collection & Emergency Department Data Collection	Father's total alcohol and illicit drug diagnosis	1	All three	0.17 (0.00)
Admitted Patient Data Collection & Emergency Department Data Collection	Mother's total alcohol and illicit drug diagnosis	1	All three	0.15 (0.00)
Admitted Patient Data Collection & Student Disability	Any disability	1	All three	0.02 (0.14)
Child Protection	Average risk assessment score	11	Self only	0.00 (0.00)
Child Protection	Maximum risk assessment score	11	Self only	0.02 (0.00)
Child Protection	Number of child protection reports	1	Self only	0.87 (0.00)
Child Protection	Number of helpline assessment - Carer issues flag	1	Self only	0.27 (0.00)
Child Protection	Number of helpline assessment - Child/Young Person issues flag	1	Self only	0.04 (0.00)
Child Protection	Number of helpline assessment - Domestic violence flag	1	Self only	0.28 (0.00)
Child Protection	Number of helpline assessment - Emotional abuse flag	1	Self only	0.19 (0.00)
Child Protection	Number of helpline assessment - Neglect flag	1	Self only	0.20 (0.00)
Child Protection	Number of helpline assessment - Other issues flag	1	Self only	0.00 (0.00)
Child Protection	Number of helpline assessment - Physical abuse flag	1	Self only	0.21 (0.00)
Child Protection	Number of helpline assessment - Sexual abuse flag	1	Self only	0.08 (0.00)
Child Protection	Number of risk of significant harm (ROSH) reports	1	Self only	0.58 (0.00)
Child Protection	Number of safety outcome - safe	11	Self only	0.02 (0.00)
Child Protection	Number of safety outcome - unsafe	11	Self only	0.00 (0.00)
Child Protection	Number reported by FACS	1	Self only	0.02 (0.00)
Child Protection	Number reported by NGO	1	Self only	0.05 (0.00)
Child Protection	Number reported by NSW Education	1	Self only	0.09 (0.00)
Child Protection	Number reported by NSW Health	1	Self only	0.07 (0.00)
Child Protection	Number reported by NSW Police	1	Self only	0.24 (0.00)
Child Protection	Number reported by other	1	Self only	0.41 (0.00)
Child Protection	Proportion of ROSH reports	1	Self only	0.11 (0.00)
Domestic Violence Safety Assessment Tool	Average domestic violence safety assessment score	16	All three	0.01 (0.00)
Domestic Violence Safety Assessment Tool	High-risk domestic violence safety assessment	16	All three	0.00 (0.01)
Domestic Violence Safety Assessment Tool	Maximum domestic violence safety assessment score	16	All three	0.01 (0.00)
Domestic Violence Safety Assessment Tool	Number of DV indicators	16	All three	0.00 (0.00)
Domestic Violence Safety Assessment Tool	Father's Average domestic violence safety assessment score	14	All three	0.01 (0.00)
Domestic Violence Safety Assessment Tool	Father's Maximum domestic violence safety assessment score	14	All three	0.02 (0.00)

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Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
Domestic Violence Safety Assessment Tool	Father's high-risk domestic violence safety assessment	15	All three	0.00 (0.02)
Domestic Violence Safety Assessment Tool	Mother's Average domestic violence safety assessment score	14	All three	0.04 (0.00)
Domestic Violence Safety Assessment Tool	Mother's Maximum domestic violence safety assessment score	14	All three	0.05 (0.00)
Domestic Violence Safety Assessment Tool	Mother's high-risk domestic violence safety assessment	15	All three	0.00 (0.04)
Domestic Violence Safety Assessment Tool	Number of DV indicators - Father	14	All three	0.01 (0.00)
Domestic Violence Safety Assessment Tool	Number of DV indicators - Mother	14	All three	0.02 (0.00)
Emergency Department	Number of alcohol diagnosis	5	All three	0.00 (0.00)
Emergency Department	Number of illicit drug diagnosis	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 00	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 01	5	All three	1.08 (1.46)
Emergency Department	Number of visit type 02	5	All three	0.02 (0.00)
Emergency Department	Number of visit type 03	5	All three	0.01 (0.00)
Emergency Department	Number of visit type 04	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 05	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 06	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 07	6	All three	0.00 (0.00)
Emergency Department	Number of visit type 08	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 09	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 10	6	All three	0.00 (0.00)
Emergency Department	Number of visit type 11	10	All three	0.00 (0.00)
Emergency Department	Number of visit type 12	10	All three	0.00 (0.00)
Emergency Department	Number of visit type 13	14	All three	0.00 (0.00)
Emergency Department	Number of visit type not applicable	5	All three	0.00 (0.00)
Emergency Department	Total number of visits	5	All three	1.12 (1.46)
Emergency Department	Father's number of alcohol diagnosis	5	All three	0.01 (0.00)
Emergency Department	Father's number of illicit drug diagnosis	5	All three	0.00 (0.00)
Emergency Department	Father's total number of visits	5	All three	1.55 (1.54)
Emergency Department	Mother's number of alcohol diagnosis	5	All three	0.01 (0.00)
Emergency Department	Mother's number of illicit drug diagnosis	5	All three	0.00 (0.00)
Emergency Department	Mother's total number of visits	5	All three	1.56 (1.46)
Emergency Department	Number of visit type 00 - Father	6	All three	0.00 (0.00)
Emergency Department	Number of visit type 00 - Mother	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 01 - Father	5	All three	1.47 (1.54)
Emergency Department	Number of visit type 01 - Mother	5	All three	1.48 (1.46)
Emergency Department	Number of visit type 02 - Father	5	All three	0.04 (0.00)
Emergency Department	Number of visit type 02 - Mother	5	All three	0.03 (0.00)
Emergency Department	Number of visit type 03 - Father	5	All three	0.02 (0.00)
Emergency Department	Number of visit type 03 - Mother	5	All three	0.02 (0.00)
Emergency Department	Number of visit type 04 - Father	5	All three	0.01 (0.00)
Emergency Department	Number of visit type 04 - Mother	5	All three	0.01 (0.00)
Emergency Department	Number of visit type 05 - Father	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 05 - Mother	5	All three	0.01 (0.00)
Emergency Department	Number of visit type 06 - Father	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 06 - Mother	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 07 - Father	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 07 - Mother	5	All three	0.00 (0.00)

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Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
Emergency Department	Number of visit type 08 - Father	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 08 - Mother	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 09 - Father	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 09 - Mother	6	All three	0.00 (0.00)
Emergency Department	Number of visit type 10 - Father	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 10 - Mother	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 11 - Father	11	All three	0.00 (0.00)
Emergency Department	Number of visit type 11 - Mother	8	All three	0.00 (0.00)
Emergency Department	Number of visit type 12 - Father	10	All three	0.00 (0.00)
Emergency Department	Number of visit type 12 - Mother	10	All three	0.00 (0.00)
Emergency Department	Number of visit type 13 - Father	13	All three	0.00 (0.00)
Emergency Department	Number of visit type 13 - Mother	13	All three	0.00 (0.00)
Emergency Department	Number of visit type not applicable - Father	5	All three	0.00 (0.00)
Emergency Department	Number of visit type not applicable - Mother	5	All three	0.00 (0.00)
Emergency Department	Number of visit type 15 - Mother	6	Mother only	0.00 (0.00)
Homelessness	Average needs - Accommodation	11	All three	0.00 (0.00)
Homelessness	Average needs - Domestic violence	15	All three	0.00 (0.00)
Homelessness	Average needs - Drug and alcohol	15	All three	0.00 (0.00)
Homelessness	Average needs - Family	11	All three	0.00 (0.00)
Homelessness	Average needs - General	11	All three	0.00 (0.00)
Homelessness	Average needs - Housing tenure	11	All three	0.00 (0.00)
Homelessness	Average needs - Immigration and cultural	14	All three	0.00 (0.00)
Homelessness	Average needs - Legal and financial	11	All three	0.00 (0.00)
Homelessness	Average needs - Mental health	11	All three	0.00 (0.00)
Homelessness	Average needs - Other	11	All three	0.00 (0.00)
Homelessness	Days of support	15	All three	0.47 (0.00)
Homelessness	Days of support - Father	15	All three	0.41 (0.00)
Homelessness	Days of support - Mother	15	All three	1.00 (0.00)
Homelessness	Father's average needs - Accommodation	9	All three	0.00 (0.00)
Homelessness	Father's average needs - Domestic violence	15	All three	0.00 (0.00)
Homelessness	Father's average needs - Drug and alcohol	9	All three	0.00 (0.00)
Homelessness	Father's average needs - Family	12	All three	0.00 (0.00)
Homelessness	Father's average needs - General	9	All three	0.00 (0.00)
Homelessness	Father's average needs - Housing tenure	9	All three	0.00 (0.00)
Homelessness	Father's average needs - Immigration and cultural	15	All three	0.00 (0.00)
Homelessness	Father's average needs - Legal and financial	15	All three	0.00 (0.00)
Homelessness	Father's average needs - Mental health	15	All three	0.00 (0.00)
Homelessness	Father's average needs - Other	12	All three	0.00 (0.00)
Homelessness	Mother's average needs - Accommodation	9	All three	0.00 (0.00)
Homelessness	Mother's average needs - Disability	15	All three	0.00 (0.00)
Homelessness	Mother's average needs - Domestic violence	15	All three	0.00 (0.00)
Homelessness	Mother's average needs - Drug and alcohol	10	All three	0.00 (0.00)
Homelessness	Mother's average needs - Family	10	All three	0.00 (0.00)
Homelessness	Mother's average needs - General	9	All three	0.00 (0.00)
Homelessness	Mother's average needs - Housing tenure	9	All three	0.00 (0.00)
Homelessness	Mother's average needs - Immigration and cultural	13	All three	0.00 (0.00)
Homelessness	Mother's average needs - Legal and financial	9	All three	0.00 (0.00)
Homelessness	Mother's average needs - Mental health	10	All three	0.00 (0.00)
Homelessness	Mother's average needs - Other	10	All three	0.00 (0.00)
Homelessness	Average needs - Disability	15	Self and mother	0.00 (0.00)

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Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
Mental Health Ambulatory Data Collection	Age at first mental health ambulatory service	1	All three	0.24 (0.00)
Mental Health Ambulatory Data Collection	Total days for mental health ambulatory services	1	All three	0.03 (0.00)
Mental Health Ambulatory Data Collection	Father's age at first mental health ambulatory service	1	All three	1.64 (0.00)
Mental Health Ambulatory Data Collection	Father's total days for mental health ambulatory services	1	All three	0.11 (0.00)
Mental Health Ambulatory Data Collection	Mother's age at first mental health ambulatory service	1	All three	1.92 (0.00)
Mental Health Ambulatory Data Collection	Mother's total days for mental health ambulatory services	1	All three	0.09 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Consumer/Carer	14	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - General Health	6	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Work	7	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Other Partner NOS	5	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Medical Practitioner	2	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Nurse	3	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Other	1	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Psychiatrist	5	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Auxiliary Support Staff	3	Self only	0.01 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Psychiatric Register	3	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Social Worker	3	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Pharmacist	10	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - GP	3	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - VMO Psychiatrist	5	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Administrative and Support Roles	4	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Allied Health Professionals	4	Self only	0.00 (0.00)
Mental Health Ambulatory Data Collection	Number of days for type - Clinical Psychologist	1	Self only	0.01 (0.00)
National Assessment Program - Literacy and Numeracy	Year 7 Numeracy band	9	Self only	3.21 (1.11)
National Assessment Program - Literacy and Numeracy	Year 7 Numeracy national minimum standard met or not	9	Self only	0.51 (0.50)
National Assessment Program - Literacy and Numeracy	Year 7 Reading band	9	Self only	3.24 (1.67)
National Assessment Program - Literacy and Numeracy	Year 7 Reading national minimum standard met or not	9	Self only	0.51 (0.50)
National Assessment Program - Literacy and Numeracy	Year 7 participation in Numeracy	10	Self only	0.04 (0.00)
National Assessment Program - Literacy and Numeracy	Year 7 participation in Reading	11	Self only	0.04 (0.00)

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Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
National Assessment Program - Literacy and Numeracy	Year 9 Numeracy band	9	Self only	2.18 (1.00)
National Assessment Program - Literacy and Numeracy	Year 9 Numeracy national minimum standard met or not	9	Self only	0.35 (0.48)
National Assessment Program - Literacy and Numeracy	Year 9 Reading band	9	Self only	2.17 (1.00)
National Assessment Program - Literacy and Numeracy	Year 9 Reading national minimum standard met or not	9	Self only	0.35 (0.48)
National Assessment Program - Literacy and Numeracy	Year 9 participation in Numeracy	12	Self only	0.05 (0.00)
National Assessment Program - Literacy and Numeracy	Year 9 participation in Reading	12	Self only	0.05 (0.00)
Out-of-Home Care	Days in out-of-home-care	1	All three	18.72 (0.00)
Out-of-Home Care	Father's days in OOHC	0	All three	1.21 (0.00)
Out-of-Home Care	Mother's days in OOHC	0	All three	3.80 (0.00)
Out-of-Home Care	Age at first out-of-home care placement	1	Self only	0.06 (0.00)
Out-of-Home Care	Number of placement type - Foster care	1	Self only	0.01 (0.10)
Out-of-Home Care	Number of placement type - Independent living	1	Self only	0.00 (0.02)
Out-of-Home Care	Number of placement type - Non-related person	1	Self only	0.00 (0.05)
Out-of-Home Care	Number of placement type - Others	1	Self only	0.00 (0.03)
Out-of-Home Care	Number of placement type - Parents	1	Self only	0.00 (0.05)
Out-of-Home Care	Number of placement type - Professional foster care	1	Self only	0.00 (0.02)
Out-of-Home Care	Number of placement type - Relative and Aboriginal kinship care	1	Self only	0.01 (0.09)
Out-of-Home Care	Number of placement type - Residential care	1	Self only	0.00 (0.02)
Out-of-Home Care	Number of placement type - Supported accommodation	1	Self only	0.00 (0.02)
Out-of-Home Care	Number of placements	1	Self only	0.02 (0.00)
Out-of-Home Care	Number of placements with caregiver type - Aboriginal	1	Self only	0.00 (0.07)
Out-of-Home Care	Number of placements with caregiver type - Independent	1	Self only	0.00 (0.02)
Perinatal Data Collection	APGAR score at 5 minutes	0	Self only	9.06 (0.00)
Perinatal Data Collection	Admitted to NICU	0	Self only	0.02 (0.15)
Perinatal Data Collection	Admitted to SCN	0	Self only	0.16 (0.37)
Perinatal Data Collection	Antenatal care visits	0	Self only	12.94 (6.83)
Perinatal Data Collection	Birth weight	0	Self only	3395.54 (675.44)
Perinatal Data Collection	Gestational age	0	Self only	39.15 (2.00)
Perinatal Data Collection	Mother smoking during pregnancy	0	Self only	0.18 (0.39)
Perinatal Data Collection	Mother's age at birth	0	Self only	29.15 (7.83)
Perinatal Data Collection	Mother's number of children	0	Self only	1.99 (1.00)
Perinatal Data Collection	Neonatal morbidity	0	Self only	0.17 (0.38)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Australian Capital Territory	0	Self only	0.00 (0.02)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Central Coast	0	Self only	0.04 (0.20)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Far West	0	Self only	0.00 (0.06)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Hunter New England	0	Self only	0.12 (0.32)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Illawarra Shoalhaven	0	Self only	0.05 (0.22)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Mid North Coast	0	Self only	0.02 (0.15)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Murrumbidgee	0	Self only	0.03 (0.18)
Perinatal Data Collection	Usual residence in Local Health District (mother) - NSW Not Further Defined	0	Self only	0.00 (0.06)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Nepean Blue Mountains	0	Self only	0.06 (0.24)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Northern NSW	0	Self only	0.03 (0.18)

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Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
Perinatal Data Collection	Usual residence in Local Health District (mother) - Northern Sydney	0	Self only	0.11 (0.31)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Northern Territory	0	Self only	0.00 (0.01)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Not Available	0	Self only	0.00 (0.01)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Queensland	0	Self only	0.01 (0.08)
Perinatal Data Collection	Usual residence in Local Health District (mother) - South Australia	0	Self only	0.00 (0.01)
Perinatal Data Collection	Usual residence in Local Health District (mother) - South Eastern Sydney	0	Self only	0.11 (0.31)
Perinatal Data Collection	Usual residence in Local Health District (mother) - South Western Sydney	0	Self only	0.14 (0.35)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Southern NSW	0	Self only	0.02 (0.13)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Sydney	0	Self only	0.08 (0.27)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Victoria	0	Self only	0.00 (0.04)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Western Australia	0	Self only	0.00 (0.01)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Western NSW	0	Self only	0.04 (0.21)
Perinatal Data Collection	Usual residence in Local Health District (mother) - Western Sydney	0	Self only	0.12 (0.33)
Police (Victim and Alcohol related data)	Number of prior alcohol-related incidents	5	All three	0.00 (0.00)
Police (Victim and Alcohol related data)	Father's number of prior alcohol-related incidents	0	All three	0.01 (0.00)
Police (Victim and Alcohol related data)	Mother's number of prior alcohol-related incidents	2	All three	0.00 (0.00)
Police (Victim)	Number of domestic violence incidents	2	All three	0.01 (0.00)
Police (Victim)	Number of intimate partner violence incidents	3	All three	0.00 (0.00)
Police (Victim)	Number of self-harm incidents	3	All three	0.00 (0.00)
Police (Victim)	Number of violent incidents	1	All three	0.03 (0.00)
Police (Victim)	Total number of police incidents	1	All three	0.23 (0.00)
Police (Victim)	Father's number of domestic violence incidents	2	All three	0.04 (0.00)
Police (Victim)	Father's number of intimate partner violence incidents	2	All three	0.02 (0.00)
Police (Victim)	Father's number of self-harm incidents	0	All three	0.01 (0.00)
Police (Victim)	Father's number of violent incidents	0	All three	0.27 (0.00)
Police (Victim)	Father's total number of incidents	0	All three	2.53 (2.89)
Police (Victim)	Mother's number of domestic violence incidents	0	All three	0.15 (0.00)
Police (Victim)	Mother's number of intimate partner violence incidents	0	All three	0.09 (0.00)
Police (Victim)	Mother's number of self-harm incidents	0	All three	0.01 (0.00)
Police (Victim)	Mother's number of violent incidents	0	All three	0.43 (0.00)
Police (Victim)	Mother's total number of incidents	0	All three	3.37 (2.78)
Private Rental Assistance	Number of Private Rental Assistance	1	All three	0.14 (0.00)
Private Rental Assistance	Father's number of Public rental assistance	0	All three	0.19 (0.00)
Private Rental Assistance	Mother's number of Public rental assistance	0	All three	0.29 (0.00)
Private Rental Assistance	Number of housing option type - Advocacy support	10	Self only	0.01 (0.00)
Private Rental Assistance	Number of housing option type - Private Rental Subsidy	1	Self only	0.00 (0.00)
Private Rental Assistance	Number of housing option type - Rentchoice	10	Self only	0.00 (0.00)
Private Rental Assistance	Number of housing option type - Rentstart	1	Self only	0.10 (0.00)
Private Rental Assistance	Number of housing option type - Temporary Accommodation	1	Self only	0.04 (0.00)
Public Housing	Years of public housing tenancy	1	All three	0.34 (0.00)
Public Housing	Years of tenancy in FSAHO	1	All three	0.03 (0.00)
Public Housing	Years of tenancy in FSDOH	1	All three	0.17 (0.00)
Public Housing	Years of tenancy in NSW Land and Housing Corporation	1	All three	0.14 (0.00)
Public Housing	Father's years of public housing tenancy	0	All three	1.22 (0.00)
Public Housing	Father's years of tenancy in FSAHO	0	All three	0.09 (0.00)
Public Housing	Father's years of tenancy in FSDOH	0	All three	0.71 (0.00)
Public Housing	Father's years of tenancy in NSW Land and Housing Corporation	0	All three	0.41 (0.00)
Public Housing	Mother's years of public housing tenancy	0	All three	2.83 (0.00)

**Table A1. Summary statistics for predictors derived from the HSDS**

Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
Public Housing	Mother's years of tenancy in FSAHO	0	All three	0.31 (0.00)
Public Housing	Mother's years of tenancy in FSDOH	0	All three	1.65 (0.00)
Public Housing	Mother's years of tenancy in NSW Land and Housing Corporation	0	All three	0.87 (0.00)
Registry of Births Deaths and Marriages	Father's Moved to Australia indicator	0	Father only	0.23 (0.42)
Registry of Births Deaths and Marriages	Father's Year moved to Australia	0	Father only	1985.23 (16.00)
Registry of Births Deaths and Marriages	Father's Aboriginal and/or Torres Strait Islander status	0	Parents only	0.02 (0.15)
Registry of Births Deaths and Marriages	Father's Born in Australia indicator	0	Parents only	0.69 (0.46)
Registry of Births Deaths and Marriages	Father's Country of birth	0	Parents only	7.28 (8.00)
Registry of Births Deaths and Marriages	Father's ISCO occupational group H	0	Parents only	0.00 (0.05)
Registry of Births Deaths and Marriages	Father's ISCO occupational group X1	0	Parents only	0.12 (0.33)
Registry of Births Deaths and Marriages	Father's ISCO occupational group X2	0	Parents only	0.23 (0.42)
Registry of Births Deaths and Marriages	Father's ISCO occupational group X3	0	Parents only	0.20 (0.40)
Registry of Births Deaths and Marriages	Father's ISCO occupational group X4	0	Parents only	0.02 (0.13)
Registry of Births Deaths and Marriages	Father's ISCO occupational group X5	0	Parents only	0.03 (0.17)
Registry of Births Deaths and Marriages	Father's ISCO occupational group X6	0	Parents only	0.02 (0.15)
Registry of Births Deaths and Marriages	Father's ISCO occupational group X7	0	Parents only	0.19 (0.39)
Registry of Births Deaths and Marriages	Father's ISCO occupational group X8	0	Parents only	0.13 (0.33)
Registry of Births Deaths and Marriages	Father's ISCO occupational group X9	0	Parents only	0.05 (0.22)
Registry of Births Deaths and Marriages	Father's number of births	0	Parents only	1.24 (0.00)
Registry of Births Deaths and Marriages	Mother's Aboriginal and/or Torres Strait Islander status	0	Parents only	0.03 (0.17)
Registry of Births Deaths and Marriages	Mother's Born in Australia indicator	0	Parents only	0.72 (0.45)
Registry of Births Deaths and Marriages	Mother's Country of birth	0	Parents only	6.66 (5.00)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group H	0	Parents only	0.31 (0.46)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group X1	0	Parents only	0.10 (0.30)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group X2	0	Parents only	0.24 (0.43)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group X3	0	Parents only	0.19 (0.39)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group X4	0	Parents only	0.06 (0.24)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group X5	0	Parents only	0.05 (0.23)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group X6	0	Parents only	0.00 (0.06)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group X7	0	Parents only	0.02 (0.12)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group X8	0	Parents only	0.02 (0.13)
Registry of Births Deaths and Marriages	Mother's ISCO occupational group X9	0	Parents only	0.01 (0.10)
Registry of Births Deaths and Marriages	Mother's number of Births	0	Parents only	2.64 (1.00)
Registry of Births Deaths and Marriages	Child's gender	0	Self only	0.49 (0.50)
Registry of Births Deaths and Marriages	Parents' marital status at birth	0	Self only	0.73 (0.44)
Revenue	Total amount of created debt by close category - Paid	1	All three	0.37 (0.00)
Revenue	Total amount of created debt by close category - Work and Development Order (WDO)	9	All three	0.08 (0.00)
Revenue	Total amount of created debt by close category - open	10	All three	0.07 (0.00)
Revenue	Total amount of created debt by close category - waived	2	All three	0.00 (0.00)
Revenue	Total amount of created debt by close category - withdrawn	1	All three	0.02 (0.00)
Revenue	Total amount of created debt by close category - written off	1	All three	0.14 (0.00)
Revenue	Total amount of created debt from source - Attorney General's Department Courts	1	All three	0.04 (0.00)
Revenue	Total amount of created debt from source - Other	1	All three	0.10 (0.00)
Revenue	Total amount of created debt from source - Penalty Notices	1	All three	0.45 (0.00)
Revenue	Total amount of created debt from source - Sheriff Office Jury Branch	1	All three	0.02 (0.00)
Revenue	Total amount of created debt from source - State Electoral Office	1	All three	0.00 (0.00)
Revenue	Total number of fines	1	All three	0.61 (0.00)
Revenue	Father's total amount of created debt by close category - Paid	0	All three	652.98 (283.72)

**Table A1. Summary statistics for predictors derived from the HSDS**

Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
Revenue	Father's total amount of created debt by close category - WDO	0	All three	25.53 (0.00)
Revenue	Father's total amount of created debt by close category - open	0	All three	32.21 (0.00)
Revenue	Father's total amount of created debt by close category - waived	0	All three	5.66 (0.00)
Revenue	Father's total amount of created debt by close category - withdrawn	0	All three	44.02 (0.00)
Revenue	Father's total amount of created debt by close category - written off	0	All three	190.62 (0.00)
Revenue	Father's total amount of created debt from source - Attorney General's Department Courts	0	All three	206.92 (0.00)
Revenue	Father's total amount of created debt from source - Other	0	All three	213.59 (0.00)
Revenue	Father's total amount of created debt from source - Penalty Notices	0	All three	493.97 (266.39)
Revenue	Father's total amount of created debt from source - Sheriff Office Jury Branch	0	All three	21.11 (0.00)
Revenue	Father's total amount of created debt from source - State Electoral Office	0	All three	12.53 (0.00)
Revenue	Father's total number of fines	0	All three	951.02 (448.67)
Revenue	Mother's total amount of created debt by close category - Paid	0	All three	301.41 (70.11)
Revenue	Mother's total amount of created debt by close category - WDO	0	All three	10.87 (0.00)
Revenue	Mother's total amount of created debt by close category - open	0	All three	8.26 (0.00)
Revenue	Mother's total amount of created debt by close category - waived	0	All three	1.51 (0.00)
Revenue	Mother's total amount of created debt by close category - withdrawn	0	All three	27.97 (0.00)
Revenue	Mother's total amount of created debt by close category - written off	0	All three	85.37 (0.00)
Revenue	Mother's total amount of created debt from source - Attorney General's Department Courts	0	All three	66.35 (0.00)
Revenue	Mother's total amount of created debt from source - Other	0	All three	68.84 (0.00)
Revenue	Mother's total amount of created debt from source - Penalty Notices	0	All three	265.10 (78.17)
Revenue	Mother's total amount of created debt from source - Sheriff Office Jury Branch	0	All three	21.20 (0.00)
Revenue	Mother's total amount of created debt from source - State Electoral Office	0	All three	13.47 (0.00)
Revenue	Mother's total number of fines	0	All three	435.39 (143.56)
Revenue	Father's total amount of created debt from source - Industrial Relations Commission	11	Father only	0.81 (0.00)
Revenue	Father's total amount of created debt from source - Bail Forfeiture Order fines	11	Parents only	0.11 (0.00)
Revenue	Father's total amount of created debt from source - Land and Environment Court fines	12	Parents only	0.84 (0.00)
Revenue	Father's total amount of created debt from source - Victims Restitution Order	14	Parents only	10.20 (0.00)
Revenue	Mother's total amount of created debt from source - Bail Forfeiture Order fines	12	Parents only	0.05 (0.00)
Revenue	Mother's total amount of created debt from source - Land and Environment Court fines	14	Parents only	0.20 (0.00)
Revenue	Mother's total amount of created debt from source - Victims Restitution Order	14	Parents only	1.69 (0.00)
School Enrolment & Reoffending Database	Average proportion of students with justice contact at Year 10	14	Self only	0.02 (0.02)
School Enrolment & Reoffending Database	Average proportion of students with justice contact at Year 11	14	Self only	0.01 (0.01)
School Enrolment & Reoffending Database	Average proportion of students with justice contact at Year 12	16	Self only	0.00 (0.00)
School Enrolment & Reoffending Database	Average proportion of students with justice contact at Year 5	11	Self only	0.00 (0.00)
School Enrolment & Reoffending Database	Average proportion of students with justice contact at Year 6	11	Self only	0.00 (0.00)
School Enrolment & Reoffending Database	Average proportion of students with justice contact at Year 7	12	Self only	0.00 (0.00)

**Table A1. Summary statistics for predictors derived from the HSDS**

Dataset	Variable	Age of first inclusion (0-17)	Predictor included for self and/or parent(s)	Summary statistics
School Enrolment & Reoffending Database	Average proportion of students with justice contact at Year 8	12	Self only	0.01 (0.00)
School Enrolment & Reoffending Database	Average proportion of students with justice contact at Year 9	13	Self only	0.01 (0.01)
School Suspensions	Days of suspension category - Historical data	10	Self only	0.09 (0.00)
School Suspensions	Days of suspension category - Long suspension	11	Self only	0.48 (0.00)
School Suspensions	Days of suspension category - Short suspension	11	Self only	0.31 (0.00)
School Suspensions	Days of suspension with reason - Aggressive behaviour	11	Self only	0.16 (0.00)
School Suspensions	Days of suspension with reason - Continued disobedience	11	Self only	0.15 (0.00)
School Suspensions	Days of suspension with reason - Criminal behaviour related to the school	12	Self only	0.03 (0.00)
School Suspensions	Days of suspension with reason - Historical data	10	Self only	0.09 (0.00)
School Suspensions	Days of suspension with reason - Persistent or serious misbehaviour	11	Self only	0.25 (0.00)
School Suspensions	Days of suspension with reason - Physical violence	12	Self only	0.19 (0.00)
School Suspensions	Days of suspension with reason - Possession or use of illegal substance	12	Self only	0.03 (0.00)
School Suspensions	Days of suspension with reason - Prohibited weapon firearm or knife	12	Self only	0.01 (0.00)
School Suspensions	Days of suspension with reason - Use of implement as a weapon	11	Self only	0.00 (0.00)
School Suspensions	Total days of suspension	10	Self only	0.78 (0.00)
Social Housing	Number of Emergency Temporary Accommodation Register	1	All three	0.00 (0.00)
Social Housing	Number of Housing Register	1	All three	0.10 (0.00)
Social Housing	Number of Transfer Register	1	All three	0.05 (0.00)
Social Housing	Father's number of Emergency Temporary Accommodation Register	0	All three	0.00 (0.00)
Social Housing	Father's number of Housing Register	0	All three	0.13 (0.00)
Social Housing	Father's number of Transfer Register	0	All three	0.04 (0.00)
Social Housing	Mother's number of Emergency Temporary Accommodation Register	0	All three	0.00 (0.00)
Social Housing	Mother's number of Housing Register	0	All three	0.20 (0.00)
Social Housing	Mother's number of Transfer Register	0	All three	0.08 (0.00)
Student Disability	Years of support received	1	Self only	0.09 (0.00)

Note for "Summary statistics": For binary variables: mean (sd); For numerical variables: mean (interquartile range), where the interquartile range (IQR) is calculated by subtracting the first quartile (Q1, 25th percentile) from the third quartile (Q3, 75th percentile), IQR=Q3-Q1.