

## The Longitudinal Study of Australian Children:

## LSAC Technical paper No. 6

# Wave 3 weighting and non-response

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## Glossary of abbreviations

ABS Australian Bureau of Statistics

CBC Centre-Based Carer Questionnaire

ERP Estimated Resident Population

HBC Home-Based Carer Questionnaire

LSAC Longitudinal Study of Australian Children

P1 Parent 1, the parent with whom the LSAC face-to-face interview is

conducted, generally the child's mother

P2 Parent 2, the child's other parent who lives with Parent 1

P1D Parent 1 During-Interview Questionnaire

P1L Parent 1 Leave-Behind Questionnaire

P1SC Parent 1 Self-Complete Questionnaire

P2SC Parent 2 Self-Complete Questionnaire

PLE Parent Living Elsewhere Questionnaire

Teach Teacher Questionnaire

TUD Time Use Diary

## Introduction

This paper details the methodology used to calculate the weights for the Wave 3 responding sample of *Growing Up in Australia*, the Longitudinal Study of Australian Children (LSAC). It also provides information on the response to the main instruments used in the study: the face-to-face interview with Parent 1; the self-complete questionnaires completed by Parent 1, Parent 2, and the study child's teacher; the interview completed by the Parent Living Elsewhere; and the time use diaries.

The methodology for the Wave 3 weighting has been based on the approach taken in Waves 1 and 2. Summary details of this approach are provided below.

#### Wave 1

During 2004, the study recruited a nationally representative sample of 5,107 0-1 year olds (B-cohort) and 4,983 children aged 4-5 years (K-Cohort) selected from the Medicare Australia enrolments database.

A two-stage design was employed, first selecting postcodes then children, with children in both cohorts selected from the same postcodes. Stratification was used to ensure proportional geographic representation for states/territories and capital city statistical division ("met") /rest of state ("exmet") areas. Some remote postcodes were excluded from the design.

The method of postcode selection took into account the number of children in the postcode so all potential participants in the study Australia-wide ideally would have an approximately equal chance of selection (about one in 25).

Cluster size was determined by balancing statistical and fieldwork requirements. In the larger states, families of about 40 children per postcode were invited to participate, and in the smaller states and territories, families of about 20 children and families per postcode were invited, where postcodes had at least this many children. Different selection processes were used for postcodes with smaller numbers of children. Full details of the sample design and selection process are provided in LSAC Technical Paper No. 2 "Sample Design" (Soloff, Lawrence & Johnstone, 2005).

In reality, it was not possible to ensure that all children had an equal chance of selection, therefore weights were used to provide some measure of correction for the unequal probability of selection (as reflected in design weights). The weights on the Wave 1 data set also included an adjustment for the most important sources of non-response bias that could be identified: the mother's educational level, and the mother's use of a language other than English at home.

Two weights were included on the data file:

- A population weight that adjusted estimates of frequencies produced by the data to population totals (e.g. x number of children in Australia had characteristic y)
- A sample weight that adjusted estimates of percentages produced by the data to the proportions given when using the population weight, but kept the frequency estimates reflective of the number of children in the sample (e.g. x number of children in the

LSAC sample had characteristic y). This second weight should be used when tests of significance are to be generated.

While it would have been possible to provide separate weights to adjust for non-response to other instruments apart from the main interview (e.g. to adjust for non-response bias in estimates produced by the Parent 1 Self-Complete Questionnaire), this was not attempted.

For more information on the calculation of weights in Wave 1, interested readers are referred to LSAC Technical Paper No. 3 "Wave 1 Weighting and Non-response" (Soloff, Lawrence, Misson & Johnstone, 2006).

#### Wave 2

Wave 2 weights were calculated by:

- Performing a logistic regression to estimate the probability of each family from Wave 1 completing the interview in Wave 2.
- Dividing each case's Wave 1 weight by this probability for all cases that had responded to Wave 2 (so that high probability cases have relatively lower weight and low probability cases have relatively higher weight) then re-adjusting so that the average sample weight was 1.
- Adjusting total weights for each strata so that the proportion for each selection stratum is the same as it was following Wave 1 weighting.
- Top and bottom coding extreme weights and recalibrating stratum to have correct proportions. All weights below 0.33 were bottom coded to 0.33 and all weights above 2.5 were top-coded to 2.5 to prevent cases having either too great or too small an influence over estimates.
- Adjusting all weights so that average values are appropriate, i.e. mean value of 1 for the sample weights, mean value of (population size/sample size) for population weights.

This approach to adjusting initial weights for non-response using logistic regression is similar to those used in other longitudinal studies such as the Household Income and Labour Dynamics in Australia Survey (Watson, 2004), the Panel Study of Income Dynamics in the US (Gouskova, 2001), and to a slightly lesser extent the National Longitudinal Study of Children and Youth in Canada (Statistics Canada, 2006).

## General approach to Wave 3 weighting

For weighting at Wave 3, it was necessary to produce longitudinal as well as cross-sectional weights for the first time. Cross-sectional weights adjust the sample attained at Wave 3 to be representative of the population at the time of selection, while longitudinal weights do the same for the sample that has responded to all 3 waves of the survey. At Wave 3 the difference between the two samples is small (about 3 per cent of the Wave 3 sample did not responded in Wave 2), however the difference will become larger as further waves proceed.

The weights were calculated by adjusting the Wave 2 weights for the probability of non-response in Wave 3 in much the same way as Wave 1 weights were adjusted to make the Wave 2 weights. The process was as follows:

- Perform a logistic regression to estimate the probability of each family from Wave 2 completing the interview in Wave 3.
- Perform a logistic regression to estimate the probability of each family from Wave 1 completing the interview in Wave 3.
- For the longitudinal weight, divide each case's Wave 2 weight by the probability of Wave 3 response, given a response in Wave 2, for all cases that had responded to Wave 3 (so that high probability cases have relatively lower weight and low probability cases have relatively higher weight) and re-adjust so the average sample weight is 1.
- For the cross sectional weight, if the family responded to Wave 2, divide each case's Wave 2 weight by the probability of Wave 3 response, given a response in Wave 2. If the family did not respond to Wave 2, divide each case's Wave 1 weight by the probability of Wave 3 response, given a response at Wave 1, and re-adjust so they average sample weight is 1<sup>1</sup>.
- Adjust total weights for each strata so that the proportion for each selection stratum is the same as it was following Wave 1 weighting.
- (If necessary) Top and bottom code extreme weights and recalibrate stratum to have correct proportions.
- Adjust all weights so that average values are appropriate, i.e. mean value of 1 for the sample weights, mean value of (population size/sample size) for population weights.

<sup>&</sup>lt;sup>1</sup> Note that although the process is identical for the cross-sectional and longitudinal weights for Wave 2 respondents, weights for each case are relative to the rest of the sample. So the Wave 3 cross-sectional weights will be different from the longitudinal weights due the presence of Wave 2 non-respondents in the Wave 3 sample.

## **Estimating Wave 3 response probabilities**

The first step in determining the Wave 3 weights involved identifying variables that may predict non-response, to include in the logistic regression. These variables were chosen on the basis of the following criteria:

- 1) **Little missing data.** Logistic regression can only be used for variables with no missing data, hence any missing data has to be imputed. If a large amount of data is missing, then this imputation will introduce further sources of error.
- 2) **Likelihood of explanation of non-response.** In Wave 1 response rate was shown to be strongly related to social class and cultural background (Soloff et al., 2005). Other factors which might predict non-response include those that predict whether a child is likely to move home (e.g. housing tenure) and those that show dedication to the study (e.g. completion of self-complete questionnaires). Preference was given to variables likely to persist over time, meaning they would still be relevant and influential at subsequent waves.
- 3) Coverage of topics included in the survey. To ensure the results of the study across topics are reliable, it is important that response bias be tested for and corrected in the major areas covered by the study. This means that a mix of variables from the main topic areas of the study (i.e. family functioning, child functioning, sociodemographics, education, childcare and health) were included.

Appendix A shows the descriptive statistics of those variables chosen. Missing values were replaced with median values (or modal values for categorical variables).

### Wave 3 response given Wave 1 (B cohort)

Table 1 shows the results of the logistic regression results predicting Wave 3 response given a response to Wave 1 for the B cohort. The final model achieved an R-square of .0.12, and a max-rescaled R-square of .214. While some of the unexplained variance is likely to be due to factors intervening in the four years between Waves, low R-square can be indicative of data missing at random. Higher R-square would be a troubling indication of bias. Response was more likely to occur where:

- Parent 1 or Parent 2 self-complete questionnaire was returned;
- Parent 1 was older:
- Parent 1 was born in Australia;
- the study child was not Indigenous;
- Parent 1 had completed year 12;
- Parent 1 regularly attends a religious service;
- the family had a higher rating of prosperity;
- the family lived in a home or longer;
- the home is being paid off;
- more residents in the postcode are living in advantaged neighbourhoods;
- fewer people in the postcode were Indigenous;
- more residents of the postcode had completed year 12; and
- more residents of the postcode were born in Australia.

 $\begin{tabular}{ll} Table 1. Results of regression modelling Wave 3 response for Wave 1 respondents for the B-cohort \\ \end{tabular}$ 

		95% W		
Wave 1 characteristic	<b>Odds Ratio</b>	<b>Confidence Limits</b>		
Parent 1 Self-complete returned	1.471*	1.079	2.007	
Time-Use Diary returned	1.93*	1.469	2.535	
Parent 2 Self-complete returned	1.437*	1.086	1.902	
Parent 2 present	0.931	0.646	1.34	
Parent 1 male	0.631	0.32	1.247	
Parent 1 age	1.227*	1.101	1.368	
Parent 1 born overseas	0.707*	0.538	0.93	
Parent 1 speaks only English at home	1.45	0.987	2.132	
Study Child Indigenous	0.646*	0.458	0.91	
Study Child weight at birth	1.07	0.979	1.17	
Study Child multiple birth	1.345	0.754	2.402	
Parent 1 rating of Study Child health	1.016	0.929	1.112	
Special Health Care needs	1.019	0.706	1.471	
Parent rating of own sleep quality	0.959	0.877	1.048	
Study Child attends child care	0.984	0.793	1.22	
Parent 1 has children living elsewhere	0.94	0.687	1.284	
Parent 1 rating of parent self-efficacy	1.063	0.967	1.169	
Parent 1 self-efficacy scale	0.993	0.901	1.095	
Parent 1 parental warmth scale	0.919	0.833	1.014	
Parent 1 hostile parenting scale	1.044	0.954	1.142	
School completion				
Year 11 v Year 12	0.792*	0.6	1.045	
Year 10 v Year 12	0.733*	0.576	0.932	
Year 9 or below/still at school v Year 12	0.729*	0.516	1.03	
Parent 1 has bachelor degree	1.028	0.802	1.318	
Parent 1 currently studying	0.965	0.714	1.303	
Parent 1 first language was English	1.211	0.811	1.808	
Parent 1 has a parent that was born overseas	0.884	0.707	1.104	
Parent 1 regularly attends religious services	1.272*	1.004	1.61	
Parent 1 work status				
Part-time work v full-time work	1.018	0.725	1.429	
Maternity leave v full-time work	1.336	0.828	2.155	
Unemployed v full-time work	0.827	0.492	1.39	
Not in the labour force v full-time work	0.918	0.652	1.293	
Highest occupational prestige rating of parent	0.951	0.858	1.054	
Parent receives income from wages	1.259	0.965	1.641	
Parent receives income from profit from business	1.043	0.789	1.38	
Parent receives income from rent	1.327	0.894	1.971	
Parent receives income from dividends or interest	1.128	0.829	1.534	
Parent receives income from Government pension/allowance	0.98	0.774	1.241	
Log combined parental income	1.067	0.968	1.175	

		95% Wald	
Wave 1 characteristic	<b>Odds Ratio</b>	Confide	nce Limits
Rating of family prosperity	1.134*	1.027	1.252
Family hardship scale	0.914	0.832	1.003
Length of time in lived in current home	1.178*	1.049	1.324
Number of homes Study Child has lived in since birth	0.992	0.911	1.08
Housing tenure			
Owned outright v being paid off	0.786*	0.531	1.163
Rented v being paid off	0.701*	0.562	0.875
Other v being paid off	0.796*	0.541	1.171
Neighbourhood livability	0.944	0.861	1.035
Neighbourhood facilities	1.062	0.961	1.175
Number of people living in household	1.026	0.892	1.181
Number of siblings living with Study Child	0.943	0.81	1.098
SEIFA disadvantage/advantage	0.772*	0.614	0.969
Proportion of residents of postcode aged 0 to 4	0.974	0.857	1.106
Proportion of residents of postcode of Indigenous background	0.872*	0.796	0.956
Proportion of residents of postcode completed year 12	1.299*	1.026	1.645
Proportion of residents of postcode employed	1.16	0.979	1.375
Proportion of residents of postcode in families with incomes			
higher than \$1,000/week	1.123	0.884	1.428
Proportion of residents of postcode speak only English at home	0.94	0.794	1.114
Proportion of residents of postcode born in Australia	1.276*	1.05	1.551

<sup>\*</sup> p < .05

#### Note:

- (a) For dichotomous variables the odds ratio represents the ratio of probabilities of a change from 'no' to 'yes'. For example, if Parent 1 returned a self-complete questionnaire, the family was 1.85 times more likely to respond to Wave 2 when adjusting for all other factors entered into the equation.
- (b) For continuous variables the odds ratio represents a change from the mean value to one standard deviation above the mean.
- (c) An odds ratio of 1 effectively means that the predictor is having no effect on the outcome, so if the upper and lower band of the confidence intervals are either both higher or both lower than 1, the predictor can be said to be significant at the .05 level.

## Wave 3 response given Wave 2 (B cohort)

Table 2 shows the results of the logistic regression predicting Wave 3 response given a response to Wave 2 for the B cohort. The final model achieved an R-square of .09, and a max-rescaled R-square of .214.

Response was more likely to occur where:

- a Parent 1 self-complete questionnaire was returned;
- there was a Parent 2;
- Parent 1 was older;
- Parent 1 was born in Australia;
- the study child was non-Indigenous; and
- study child participated in more out of home activities.

Table 2. Results of regression modelling Wave 3 response for Wave 2 respondents for the B-cohort

		95%	Wald
Wave 2 characteristic	<b>Odds Ratio</b>	Confide	nce Limits
Parent 1 Self-complete returned	2.078*	1.003	4.307
Time-Use Diary returned	1.562	0.767	3.18
Parent 2 Self-complete returned	1.55	0.978	2.455
Parent 2 present	1.759*	1.142	2.709
Parent 1 male	0.477	0.237	0.962
Parent 1 age	1.172*	1.032	1.331
Parent 1 born overseas	0.609*	0.419	0.885
Parent 1 speaks only English at home	1.565	0.91	2.69
Study Child Indigenous	0.581*	0.367	0.92
Study Child weight at birth	0.981	0.868	1.109
Study Child multiple birth	1.288	0.583	2.845
Parent 1 rating of Study Child health	1.024	0.903	1.161
Number of serves of fruit and vegetables	0.956	0.845	1.08
Special Health Care needs	1.011	0.683	1.497
Study Child attends child care other than main school/pre-			
school or day care	1.218	0.917	1.617
Parent 1's rating of own sleep quality	1.123	0.989	1.275
Home activities index	0.933	0.819	1.063
Out of home activities index	1.183*	1.037	1.351
Amount of TV watched by SC each week	0.898	0.8	1.009
Parent 1 rating of parent self-efficacy	1.071	0.948	1.211
Parent 1 parental warmth scale	1.093	0.952	1.254
Parent 1 inductive reasoning scale	0.996	0.87	1.14
Parent 1 hostile parenting scale	1.074	0.922	1.251
Parent 1 BITSEA Problems	0.958	0.843	1.088
Parent 1 BITSEA Competencies	1.072	0.943	1.218
P1 K6	1.069	0.952	1.2

Wave 2 characteristic C		95% Wald Confidence Limits	
Parent 1 School completion	Odds Ratio	Connuc	icc Limits
Year 11 v Year 12	0.75	0.514	1.095
Year 10 v Year 12	0.752	0.543	1.042
Year 9 or below/still at school v Year 12	1.051	0.634	1.743
Parent 1 has bachelor degree	0.926	0.661	1.298
Parent 1 currently studying	1.06	0.727	1.546
Parent 1 first language was English	1.022	0.589	1.771
Parent 1 has a parent that was born overseas	0.903	0.664	1.227
Parent 1 work status		0.00.	
Part-time work v full-time work	1.231	0.845	1.794
Maternity leave v full-time work	0.705	0.343	1.45
Unemployed v full-time work	1.408	0.681	2.909
Not in the labour force v full-time work	0.903	0.604	1.35
Highest occupational prestige rating of parent	0.958	0.835	1.098
Parent receives income from wages	0.943	0.64	1.389
Parent receives income from profit from business	1.007	0.681	1.488
Parent receives income from Government pension/allowance	0.994	0.712	1.387
Log household income	1.099	0.963	1.254
Rating of family prosperity	1.087	0.955	1.238
Family hardship scale	0.968	0.872	1.076
Length of time lived in current home	0.997	0.843	1.179
Number of homes Study Child has lived in since birth	1.063	0.903	1.252
Housing tenure			
Owned outright v being paid off	0.965	0.596	1.562
Rented v being paid off	0.731	0.536	0.997
Other v being paid off	0.823	0.455	1.487
BMI z-score	1.05	0.95	1.16
Number of people living in household	0.994	0.808	1.223
Number of siblings living with Study Child	1.044	0.85	1.283
SEIFA disadvantage/advantage	1.119	0.808	1.55
Proportion of residents of postcode aged 0 to 4	1.074	0.913	1.263
Proportion of residents of postcode of Indigenous background	0.959	0.842	1.093
Proportion of residents of postcode completed Year 12	0.943	0.709	1.254
Proportion of residents of postcode employed	1.247	0.962	1.617
Proportion of residents of postcode in families with incomes			
higher than \$1,000/week	1.302	0.873	1.943
Proportion of residents of postcode speak only English at home	1.02	0.786	1.325
Proportion of residents of postcode born in Australia	0.869	0.667	1.133

### Wave 3 response given Wave 1 (K cohort)

Table 3 shows the results of the logistic regression predicting Wave 3 response given a response to Wave 1 for the K-cohort. The final model achieved an R-square of .12, and a max-rescaled R-square of .22.

Response was more likely to occur where:

- a Parent 2 self-complete questionnaire was returned;
- Parent 1 was female;
- Parent 1 is older;
- the study child is not Indigenous;
- Parent 1 employed more consistent parenting;
- Parent 1 has a bachelor degree; and
- Parent 1 receives dividends or interest;

Table 3. Results of regression modelling Wave 3 response for Wave 1 respondents for the K-cohort

		95% Wald	
Wave 1 characteristic	<b>Odds Ratio</b>	Confide	nce Limits
Parent 1 Self-complete returned	1.229	0.913	1.653
Time-Use Diary returned	2.143*	1.653	2.779
Parent 2 Self-complete returned	1.685*	1.262	2.25
Parent 2 present	0.922	0.636	1.336
Parent 1 male	0.613*	0.378	0.991
Parent 1 age	1.141*	1.032	1.261
Parent 1 born overseas	0.761	0.564	1.027
Parent 1 speaks only English at home	1.742*	1.18	2.571
Study Child Indigenous	0.543*	0.367	0.804
Study Child weight at birth	0.964	0.878	1.059
Study Child multiple birth	0.851	0.48	1.509
Parent 1 rating of Study Child health	0.96	0.872	1.057
Number of serves of fruit and vegetables	0.946	0.862	1.039
Special Health Care needs	0.972	0.734	1.286
Parental impact (of worry over child) scale	1.034	0.935	1.144
Study child's enjoyment of physical activity	0.94	0.856	1.032
Study Child attends child care other than main school/pre-			
school/daycare	1.062	0.864	1.306
Hours in main school, pre-school or day care	0.971	0.883	1.067
Home activities index	0.936	0.848	1.032
Out of home activities index	0.961	0.871	1.062
Parent 1 has children living elsewhere	1.126	0.833	1.523
Parent 1 rating of parent self-efficacy	0.927	0.843	1.02
Parent 1 parental warmth scale	0.984	0.882	1.097
Parent 1 inductive reasoning scale	0.999	0.901	1.108
Parent 1 angry parenting scale	1	0.897	1.114
Parent 1 consistent parenting scale	1.13*	1.026	1.244

9		95%	Wald	
Wave 1 characteristic	<b>Odds Ratio</b>	<b>Confidence Limits</b>		
Parent 1 SDQ prosocial	1	0.901	1.111	
Parent 1 SDQ hyperactivity	0.946	0.847	1.057	
Parent 1 SDQ emotional symptoms	0.993	0.9	1.096	
Parent 1 SDQ conduct problems	1.04	0.928	1.167	
Parent 1 SDQ peer problems	0.953	0.86	1.055	
School completion				
Year 11 v Year 12	0.904	0.681	1.2	
Year 10 v Year 12	0.734	0.574	0.939	
Year 9 or below/still at school v Year 12	0.481	0.349	0.662	
Parent 1 has bachelor degree	1.545*	1.164	2.051	
Parent 1 currently studying	1.106	0.84	1.454	
Parent 1 first language was English	0.905	0.603	1.36	
Parent 1 has a parent that was born overseas	1.11	0.868	1.419	
Parent 1 regularly attends religious services	0.907	0.719	1.146	
Parent 1 work status				
Part-time work v full-time work	1.004	0.757	1.334	
Unemployed v full-time work	0.774	0.486	1.233	
Not in the labour force v full-time work	0.935	0.691	1.266	
Highest occupational prestige rating of parent	0.999	0.896	1.114	
Parent receives income from wages	1.293	0.98	1.706	
Parent receives income from profit from business	1.313	0.98	1.759	
Parent receives income from rent	0.784	0.544	1.132	
Parent receives income from dividends or interest	1.614*	1.161	2.244	
Parent receives income from Government				
pension/allowance	1.145	0.887	1.477	
Log combined parental income	1.035	0.926	1.157	
Rating of family prosperity	1.032	0.928	1.147	
Family hardship scale	0.917	0.832	1.012	
Length of time in lived in current home	1.121	0.98	1.283	
Number of homes Study Child has lived in since birth	0.98	0.864	1.112	
Housing tenure				
Owned outright v being paid off	0.864	0.608	1.229	
Rented v being paid off	0.818	0.65	1.031	
Other v being paid off	0.926	0.571	1.501	
Neighbourhood livability	0.946	0.857	1.045	
Neighbourhood facilities	1.062	0.954	1.181	
Who Am I? test	1.082	0.982	1.192	
Number of people living in household	0.969	0.813	1.155	
Number of siblings living with Study Child	1.033	0.87	1.226	
SEIFA disadvantage/advantage	0.873	0.691	1.102	
Proportion of residents of postcode aged 0 to 4	0.819*	0.72	0.931	
Proportion of residents of postcode of Indigenous				
background	1.056	0.945	1.181	

Wave 1 characteristic	<b>Odds Ratio</b>	Confide	nce Limits
Proportion of residents of postcode completed Year 12	0.83	0.647	1.065
Proportion of residents of postcode employed	0.981	0.825	1.167
Proportion of residents of postcode in families with incomes			
higher than \$1,000/week	0.791	0.615	1.016
Proportion of residents of postcode speak only English at			
home	1.046	0.881	1.243
Proportion of residents of postcode born in Australia	0.984	0.805	1.203

<sup>\*</sup>p<.05

### Wave 3 response given Wave 2 (K cohort)

Table 4 shows the results of the logistic regression predicting Wave 3 response given a response to Wave 2 for the K-cohort. The final model achieved an R-square of .12, and a max-rescaled R-square of .22.

Response was more likely to occur where:

- a Parent 1 self-complete or Parent 2 self-complete questionnaire was returned;
- Parent 1 was older;
- Parent 1 speaks only English at home;
- the parents participated less in home activities with their child (e.g. reading stories, involving the child in chores);
- Parent reported a more angry parenting style;
- Parent 1 reported fewer mental health problems on the K-6 scale; and
- Parent 1 had a bachelor degree or had completed Year 12 at high school (relative to those that did not finish Year 10).

Table 4. Results of regression modelling Wave 3 response for Wave 2 respondents for the K-cohort

		95% Wald	
Wave 2 characteristic	<b>Odds Ratio</b>	Confide	nce Limits
Parent 1 Self-complete returned	2.291*	1.102	4.762
Time-Use Diary returned	1.143	0.553	2.363
Parent 2 Self-complete returned	1.846*	1.133	3.008
Parent 2 present	1.032	0.625	1.704
Parent 1 male	0.562	0.305	1.035
Parent 1 age	1.16*	1.007	1.335
Parent 1 born overseas	0.681	0.436	1.064
Parent 1 speaks only English at home	2.16*	1.189	3.924
Study Child Indigenous	0.348	0.207	0.585
Study Child weight at birth	0.922	0.797	1.066
Study Child multiple birth	0.762	0.328	1.771
Parent 1 rating of Study Child health	1.082	0.938	1.248

		95% Wald		
Wave 2 characteristic	<b>Odds Ratio</b>	<b>Confidence Limits</b>		
Number of serves of fruit and vegetables	1.024	0.891	1.176	
Special Health Care needs	0.77	0.518	1.145	
Parent 1's rating of own sleep quality	1.037	0.901	1.193	
Gross motor coordination scale	1.061	0.928	1.213	
Study Child attends child care other than main school/pre-				
school or day care	1.039	0.743	1.454	
School Grade				
Grade 1 v Other	1.615	0.925	2.819	
Grade 2 v Other	1.23	0.678	2.232	
School type				
Catholic v Government	0.809	0.564	1.16	
Independent v Government	0.851	0.512	1.417	
Not in school v Government	0.63	0.067	5.965	
Parent 1's education expectation for child	1.071	0.93	1.233	
School social capital scale	1.04	0.904	1.196	
Home activities index	0.844*	0.733	0.973	
Out of home activities index	1.06	0.91	1.234	
Amount of TV watched by SC each week	1.059	0.921	1.216	
Parent 1 rating of parent self-efficacy	1.043	0.903	1.204	
Parent 1 parental warmth scale	1.125	0.955	1.325	
Parent 1 inductive reasoning scale	0.92	0.788	1.074	
Parent 1 angry parenting scale	1.209*	1.016	1.44	
Parent 1 consistent parenting scale	1.096	0.944	1.271	
Parent 1 hostile parenting scale	0.942	0.786	1.128	
Parent 1 SDQ prosocial	1.023	0.881	1.189	
Parent 1 SDQ hyperactivity	0.96	0.812	1.135	
Parent 1 SDQ emotional symptoms	0.89	0.767	1.033	
Parent 1 consistent parenting scale	1.149	0.963	1.37	
Parent 1 SDQ peer problems	0.915	0.787	1.063	
P1 K6	0.858*	0.744	0.989	
School completion				
Year 11 v Year 12	0.814*	0.531	1.25	
Year 10 v Year 12	0.627*	0.435	0.906	
Year 9 or below/still at school v Year 12	0.419*	0.262	0.671	
Parent 1 has bachelor degree	1.533*	1.008	2.331	
Parent 1 currently studying	0.832	0.576	1.201	
Parent 1 first language was English	0.946	0.509	1.759	
Parent 1 has a parent that was born overseas	1.046	0.718	1.525	
Part-time work v full-time work	1.146	0.771	1.702	
Maternity leave v full-time work	2.292	0.293	17.95	
Unemployed v full-time work	0.682	0.323	1.44	
Not in the labour force v full-time work	0.995	0.625	1.584	
Highest occupational prestige rating of parent	1.056	0.901	1.237	

		95% Wald		
Wave 2 characteristic	<b>Odds Ratio</b>	Confide	nce Limits	
Parent receives income from wages	0.884	0.563	1.39	
Parent receives income from profit from business	1.419	0.899	2.239	
Parent receives income from Government				
pension/allowance	1.114	0.76	1.632	
Log household income	1.093	0.911	1.312	
Rating of family prosperity	1.047	0.901	1.218	
Family hardship scale	0.98	0.867	1.108	
Length of time lived in current home	1.034	0.826	1.294	
Number of homes Study Child has lived in since birth	0.975	0.783	1.215	
Housing tenure				
Owned outright v being paid off	1.46	0.801	2.662	
Rented v being paid off	0.757	0.535	1.071	
Other v being paid off	0.867	0.419	1.793	
BMI z-score	1.09	0.954	1.246	
PPVT	1.075	0.927	1.247	
Matrix Reasoning	0.989	0.853	1.146	
Child self- report of school adjustment	0.956	0.832	1.099	
Number of people living in household	1.271	0.944	1.713	
Number of siblings living with Study Child	0.811	0.611	1.077	
SEIFA disadvantage/advantage	1.021	0.7	1.49	
Proportion of residents of postcode aged 0 to 4	0.894	0.75	1.067	
Proportion of residents of postcode of Indigenous				
background	1.071	0.913	1.256	
Proportion of residents of postcode completed Year 12	0.871	0.626	1.213	
Proportion of residents of postcode employed	1.157	0.847	1.579	
Proportion of residents of postcode in families with incomes				
higher than \$1,000/week	1.091	0.688	1.731	
Proportion of residents of postcode speak only English at				
home	1.193	0.909	1.566	
Proportion of residents of postcode born in Australia	0.9	0.68	1.19	

## Calculating Wave 3 weights

The probability estimates obtained though the logistic regression process (as shown in Tables 1-4) were used to adjust the existing weights to create longitudinal and cross-sectional weights, using the process outlined on page 7. At this point the average longitudinal weight of responding cases for the B-cohort was 1.06 and for the K-cohort it was 1.09. The average cross-sectional weight was 1.10 for the B-cohort and 1.07 for the K-cohort. Accordingly, all weights were divided by these figures to prevent the weights artificially inflating the sample size.

The weights were then readjusted so that the state by gender by met/xmet totals were calibrated to the population benchmarks used for the Wave 1 weights. These benchmarks were calculated from the ABS Estimated Resident Population for March 2004, with proportions for part of state from the June 2003 ERP. The number of out-of scope children was calculated using the Medicare Australia sampling frame. The adjustment factors were calculated as the proportion obtained from the sample using the adjusted weights multiplied by the benchmark proportion. For example, if x% of children in the benchmark population were males resident in Brisbane, but when the adjusted weight was applied to the Wave 3 cross-sectional sample the proportion became y%, then to accurately maintain the benchmark proportions, the weight for each male case selected from the Brisbane stratum was multiple by x%/y%.

The multiplication factors for all the strata for both cohorts can be seen in Table 5.

Table 5. Adjustment factors for strata totals

		ВСо	hort		K Cohort			
	N	Met		Xmet		Met X		met
	Male	Female	Male	Female	Male	Female	Male	Female
			C	ross Section	ıal			
NSW	0.93	0.98	1.15	1.14	1.01	1.10	0.89	0.90
VIC	0.91	0.95	1.09	1.03	1.05	0.99	0.98	0.94
QLD	1.02	1.04	1.08	1.03	1.07	1.01	0.93	0.95
SA	0.96	0.92	1.02	1.11	0.97	1.00	0.90	0.99
WA	1.01	0.96	1.14	1.10	1.03	1.07	0.98	0.92
TAS	0.95	0.85	1.02	0.98	1.08	1.13	1.03	0.95
NT	0.88	0.89	1.13	0.85	1.22	1.19	0.91	1.35
ACT	0.83	0.94			1.06	1.03		
			]	Longitudina	al			
NSW	0.97	1.03	1.03	1.01	1.03	1.10	0.88	0.88
VIC	0.98	1.02	1.06	0.98	1.07	1.03	0.99	0.94
QLD	0.97	0.99	1.01	0.98	1.05	1.00	0.92	0.95
SA	1.04	1.04	0.96	1.03	0.95	0.98	0.95	1.05
WA	1.01	0.95	1.05	1.01	1.05	1.03	0.96	0.88
TAS	1.03	0.87	0.91	0.98	1.05	1.09	0.98	0.92
NT	1.06	0.99	1.17	1.05	1.20	1.20	0.92	1.29
ACT	0.91	0.99			1.02	1.03		

For the B cohort, the above adjustments resulted in a weighting variable with a range of 0.24 to 7.68 for the cross sectional population and from 0.24 to 7.64 for the longitudinal population. It was decided to bottom code any weight below 0.33 and top code any weight above 2.5 so that no case would have too little or too much influence on any analysis.

The bottom-coding affected 0.9% of cases for the cross sectional population and 0.9% of cases for the longitudinal population, while the top-coding affected 1.7% of cases for the cross sectional population and 1.7% of cases for the longitudinal population.

The average weight was adjusted slightly down by this process to .982 for the cross sectional population and .983 for the longitudinal population. This was subsequently recorrected to make the average weight 1. The final distribution of weights can be seen in Figure 1.

For the K cohort, the above adjustments resulted in a weighting variable with a range of 0.08 to 6.9 for the cross sectional population and from 0.08 to 6.1 for the longitudinal population. It was decided to bottom code any weight below 0.33 and top code any weight above 2.5 so that no case would have too little or too much influence on any analysis.

The bottom-coding affected 0.8% of cases for the cross sectional population and 0.8% of cases for the longitudinal population, while the top-coding affected 1.4% of cases for the cross sectional population and 1.3% of cases for the longitudinal population.

The average weight was adjusted slightly down by this process to .990 for the cross sectional population and .991 for the longitudinal population, and this was subsequently re-corrected to make the average weight 1. The final distribution of weights can be seen in Figure 1.

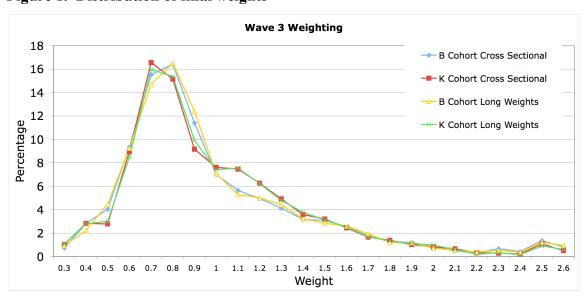


Figure 1. Distribution of final weights

## Non-response to instruments

Table 6 shows the response rates for the various Wave 2 and 3 instruments for the relevant wave and as a proportion of the Wave 1 interviewed sample, where appropriate.

**Table 6. Non-response to instruments** 

	Eligible (a)	Responding	% Wave 1	Response rate (%)(b)
		B-cohort		
Wave 2 (Issue	ed sample=5045)			
Interview	4606	4606	90.2	100.0
P1D	4606	4504	88.2	97.8
P1L	4606	3536	69.2	76.8
P2SC	4099	3128	na	76.3
PLE	400	96	na	24.0
НВС	767	533	na	69.5
CBC	1713	1143	na	66.7
TUD	4606	3512	68.8	76.2
Wave 3 (Issue	ed sample=4969)			
Interview	4386	4386	85.9	100.0
P1D	4386	3831	75.0	87.3
P2SC	3900	2753	na	70.6
PLE	409	272	na	66.5
Teach	4114	3395	na	82.5
TUD	4386	2964	58.0	67.6
		K-cohort		
Wave 2 (Issue	ed sample=4915)			
Interview	4464	4464	89.6	100.0
P1D	4464	4358	87.5	97.6
P1L	4464	3495	70.1	78.3
P2SC	3804	2949	na	77.5
PLE	612	199	na	32.5
Teach	4447	3632	na	81.7
TUD	4464	3487	70.0	78.1
Wave 3 (Issue	ed sample=4831)			
Interview	4331	4331	86.9	100.0
P1D	4331	3807	76.4	87.9
P2SC	3707	2680	53.8	72.3
PLE	606	403	na	66.5
Teach	4275	3643	na	85.2
TUD	4331	2975	59.7	68.7

na – Not appropriate to compare with Wave 1; (a) The number of cases where the study child had a Parent 1, Parent 2, PLE seen at least once a year, teacher, or (Wave 2 B only) at least 8 hours a week of childcare; (b) The number of instruments that were returned divided by the number of possible cases expressed as a percentage.

Note: P1D - Parent 1 During-Interview Questionnaire; P1L - Parent 1 Leave-Behind Questionnaire; P2SC - Parent 2 Self-Complete Questionnaire; PLE - Parent Living Elsewhere Questionnaire; Teach - Teacher Questionnaire; TUD - Time Use Diary

### Parent 1 self-complete forms

In Wave 2, the Parent 1 self-complete questions were split across 2 forms: one that "had" to be completed while the interviewer was in the home (P1D) and the other to be ideally also completed while the interviewer was in the home, but could be left behind (P1L). The relatively poor response to the P1L form (77-78% of the interviewed sample) led to a slightly smaller set of self-complete questions being combined into one form for Wave 3, and a request for this to be completed while the interviewer was in the home. The response rate did increase to 88-89% for Wave 3.

### Parent 2 self-complete forms

The response rate in Wave 3 (71-72%) was lower than for Wave 2 (76%). This may have been due to the higher proportion of Parent 1 forms being done "in the home" (if Parent 1 did not need to return a form, there may have been less incentive for Parent 2 to return the form) or respondent fatigue issues.

### Teacher self-complete forms

The teacher forms continue to achieve good response rates (over 80%). These forms are sent to the school principal to pass to the teacher. Much of the non-response is due to either these forms not being passed to the teacher, or children changing schools.

### Parent Living Elsewhere (PLE) instrument

Due to the poor response in Wave 2 to the mail-out questionnaire, a change in methodology was introduced in Wave 3. Where Parent 1 provided contact details, the PLEs were telephoned by interviewers and asked to complete a computer assisted telephone interview.

The response from PLEs was very positive. Most of the non-response was due to Parent 1 not providing the contact information, or the contact information not being adequate. (Of the 856 PLEs that interviewers attempted to contact, only 53 (6%) refused.)

## Instrument response rate by characteristics of families

Based on Wave 1 characteristics, the response rates to the other instruments in Wave 3 were only marginally different from the full responding sample for most of the subpopulations. Larger differences in response rates are described below.

### B cohort (Table 7)

The following differences in response were observed:

- The Indigenous children were under-represented across all forms, with their response rate 10-28% lower than the non-Indigenous
- There were lower response rates for both the Parent 1 and Parent 2 forms if Parent 1 spoke a language other than English at home: these forms had a response rate 10% lower than the full sample.

- When Parent 1 had an income of at least \$1000 pw, the PLE was more likely to take part in an interview (response rate of 66%) than when the Parent 1 had an income below \$1000 per week (response rate 40%).
- Similarly, if Parent 1 was employed the PLE was more likely to take part in an interview (response rate 55%) than if Parent 1 was not employed (response rate 40%)
- The highest response rate for the P1 form was in Tasmania (93%) and the lowest was in New South Wales and Western Australia (85%).
- Tasmania had the highest response rate to the P2 form (81%), while Victoria had the lowest (68%).
- Teachers in Tasmania had the highest response rate to their questionnaire (89%) and teachers in the Northern Territory had the lowest response rate (78%)

## K cohort (Table 8)

The following differences in response were observed:

- The Indigenous children are under-represented across all forms, with a response rate 8-29% lower than the non-Indigenous sample.
- There were lower response rates for Parent 1, Parent 2 and PLE forms if Parent 1 spoke a language other than English at home; these forms had a response rate about 8% lower than the full sample.
- When Parent 1 had an income of at least \$1000 pw, the PLE was more likely to take part in an interview (response rate of 67%) than when the Parent 1 had an income below \$1000 per week (response rate 40%).
- Similarly, if Parent 1 was employed, the PLE was more likely to take part in an interview (response rate 54%) than if Parent 1 was not employed (response rate 40%).
- The highest response rate for the P1 self-complete form was in Tasmania (96%) and the lowest was in the ACT (76%).
- Tasmania had the highest response rate to the P2 form (79%), while the NT had the lowest (65%).
- The highest response was to the teacher questionnaires was from Tasmania and the ACT (87%); the lowest was in WA (83%).

 $\label{thm:convergence} \begin{tabular}{ll} Table 7. B Cohort non-response to forms for subpopulations in Wave 3 based on Wave 1 characteristics \end{tabular}$ 

B Cohort						
Response rate % (N)	F2F	P1D	P2SC	PLE	Teach	TUD
Full sample	88.3	87.3	70.6	46.0	82.5	67.6
	(4969)	(4386)	(3900)	(591)	(4114)	(4386)
Study child Indigenous	67.1	77.2	54.9	24.6	72.9	40.3
	(222)	(149)	(102)	(57)	(118)	(149)
Study child non-Indigenous	89.3	87.7	71.0	48.3	82.8	68.5
	(4747)	(4237)	(3798)	(534)	(3996)	(4237)
Parent 1 LOTE spoken	77.8	75.1	60.3	45.2	76.9	57.6
	(531)	(413)	(375)	(42)	(363)	(413)
Parent 1 English only	89.5	88.6	71.7	46.1	83.1	68.6
	(4438)	(3973)	(3525)	(549)	(3751)	(3973)
Parent 1 Employed	92.3 (2468)	89.2 (2279)	72.6 (2092)	54.9 (237)	83.6 (2189)	71.1 (2279)
Parent 1 Not Employed	84.3	85.3	68.2	39.9	81.2	63.7
	(2491)	(2099)	(1800)	(353)	(1917)	(2099)
Parental Income <\$1000	84.2	85.6	68.1	39.5	80.6	63.7
	(2689)	(2263)	(1894)	(443)	(2095)	(2263)
Parental Income >=\$1000	93.1	89.2	73.0	65.5	84.5	71.7
	(2280)	(2123)	(2006)	(148)	(2019)	(2123)
NSW	86.8	85.3	68.8	47.9	83.4	66.3
	(1571)	(1363)	(1231)	(165)	(1254)	(1363)
VIC	87.7	85.8	68.4	41.0	82.9	66.0
	(1213)	(1064)	(949)	(134)	(1038)	(1064)
QLD	89.9	89.9	70.8	48.8	78.5	66.7
	(1031)	(927)	(797)	(166)	(813)	(927)
WA	86.6	87.0	72.8	47.9	85.4	69.8
	(516)	(447)	(401)	(48)	(438)	(447)
SA	89.7 (341)	90.5 (306)	73.1 (268)	46.8 (47)	83.7 (300)	71.2 (306)
Tas	95.4	93.3	81.4	30.0	88.8	72.1
	(109)	(104)	(97)	(10)	(98)	(104)
ACT	97.1	89.2	81.1	33.3	82.0	77.5
	(105)	(102)	(95)	(9)	(100)	(102)
NT	88.0	93.2	79.0	50.0	78.1	78.1
	(83)	(73)	(62)	(12)	(73)	(73)
Capital City	88.3	86.0	70.7	44.0	82.3	68.3
	(3118)	(2753)	(2465)	(336)	(2606)	(2753)
Rest Of State	88.2	89.6	70.4	48.6	83.0	66.3
	(1851)	(1633)	(1435)	(255)	(1508)	(1633)
Study child male	88.6	87.6	70.9	48.5	82.5	68.5
	(2545)	(2255)	(2012)	(301)	(2110)	(2255)
Study child female	87.9 (2424)	87.1 (2131)	70.2 (1888)	43.4 (290)	82.6 (2004)	66.6 (2131)

Table 8. K Cohort non-response to forms for subpopulations in Wave 3 based on Wave 1 characteristics

K Cohort					
F2F	P1D	P2SC	PLE	Teach	TUD
89.7 (4831)	87.9 (4331)	72.3 (3707)	46.9 (859)	85.2 (4275)	68.7 (4331)
67.4	76.6	58.3	19.6	77.2	46.8 (124)
90.5	88.2	72.6	48.8	85.5	69.3 (4207)
79.9	81.1	64.2	37.5	84.6	65.7 (466)
91.0	88.7	73.3	47.7	85.3	69.1 (3865)
92.6	89.6	75.2	53.9	85.2	72.2 (2574)
85.7	85.4	67.7	39.5	85.2	63.6 (1751)
85.2	85.5	67.8	39.8	84.0	63.2 (2079)
94.1	90.1	75.7	67.0	86.3	73.8 (2252)
88.8	88.3	70.8	49.4	83.1	68.7 (1357)
89.7	85.1	72.1	50.5	85.9	69.0 (1071)
89.3	89.8	72.3	42.2	87.6	67.9 (862)
89.5	90.5	75.5	39.7	82.7	73.0 (444)
90.5	90.5	76.5	41.5	84.1	68.0 (294)
94.7	96.0	79.4	45.5	88.5	71.0 (124)
96.4	75.7	64.9	50.0	87.0	61.7 (107)
90.0	77.8	64.8	63.6	88.9	56.9 (72)
89.6	87.1	72.6	46.7	85.5	69.8 (2685)
89.8	89.2	71.7	47.2	83.8	66.9 (1646)
89.9	87.6	72.1	47.8	86.2	69.2 (2212)
(2461) 89.4	88.2	72.5	(439) 46.0	84.2	68.1
	89.7 (4831) 67.4 (184) 90.5 (4647) 79.9 (583) 91.0 (4248) 92.6 (2780) 85.7 (2044) 85.2 (2439) 94.1 (2450) 88.8 (1529) 89.7 (1194) 89.3 (965) 89.5 (496) 90.5 (325) 94.7 (131) 96.4 (111) 90.0 (80) 89.8 (1833)	89.7       87.9         (4831)       (4331)         67.4       76.6         (184)       (124)         90.5       88.2         (4647)       (4207)         79.9       81.1         (583)       (466)         91.0       88.7         (4248)       (3865)         92.6       89.6         (2780)       (2574)         85.7       85.4         (2044)       (1751)         85.2       85.5         (2439)       (2079)         94.1       90.1         (2450)       (2252)         88.8       88.3         (1529)       (1357)         89.7       85.1         (1194)       (1071)         89.3       89.8         (965)       (862)         89.5       90.5         (325)       (294)         94.7       96.0         (131)       (124)         96.4       75.7         (111)       (107)         90.0       77.8         (80)       (72)         89.6       87.1         (2998) <t< td=""><td>89.7         87.9         72.3           (4831)         (4331)         (3707)           67.4         76.6         58.3           (184)         (124)         (84)           90.5         88.2         72.6           (4647)         (4207)         (3623)           79.9         81.1         64.2           (583)         (466)         (411)           91.0         88.7         73.3           (4248)         (3865)         (3296)           92.6         89.6         75.2           (2780)         (2574)         (2269)           85.7         85.4         67.7           (2044)         (1751)         (1436)           85.2         85.5         67.8           (2439)         (2079)         (1610)           94.1         90.1         75.7           (2450)         (2252)         (2097)           88.8         88.3         70.8           (1529)         (1357)         (1158)           89.7         85.1         72.1           (1194)         (1071)         (913)           89.3         89.8         72.3           (965)</td><td>89.7         87.9         72.3         46.9           (4831)         (4331)         (3707)         (859)           67.4         76.6         58.3         19.6           (184)         (124)         (84)         (56)           90.5         88.2         72.6         48.8           (4647)         (4207)         (3623)         (803)           79.9         81.1         64.2         37.5           (583)         (466)         (411)         (64)           91.0         88.7         73.3         47.7           (4248)         (3865)         (3296)         (795)           92.6         89.6         75.2         53.9           (2780)         (2574)         (2269)         (440)           85.7         85.4         67.7         39.5           (2044)         (1751)         (1436)         (415)           85.2         85.5         67.8         39.8           (2439)         (2079)         (1610)         (635)           94.1         90.1         75.7         67.0           (2450)         (2252)         (2097)         (224)           88.8         88.3         <td< td=""><td>89.7         87.9         72.3         46.9         85.2           (4831)         (4331)         (3707)         (859)         (4275)           67.4         76.6         58.3         19.6         77.2           (184)         (124)         (84)         (56)         (123)           90.5         88.2         72.6         48.8         85.5           (4647)         (4207)         (3623)         (803)         (4152)           79.9         81.1         64.2         37.5         84.6           (583)         (466)         (411)         (64)         (456)           91.0         88.7         73.3         47.7         85.3           (4248)         (3865)         (3296)         (795)         (3819)           92.6         89.6         75.2         53.9         85.2           (2780)         (2574)         (2269)         (440)         (2547)           85.7         85.4         67.7         39.5         85.2           (2044)         (1751)         (1436)         (415)         (1722)           85.2         85.5         67.8         39.8         84.0           (2439)         (2079)</td></td<></td></t<>	89.7         87.9         72.3           (4831)         (4331)         (3707)           67.4         76.6         58.3           (184)         (124)         (84)           90.5         88.2         72.6           (4647)         (4207)         (3623)           79.9         81.1         64.2           (583)         (466)         (411)           91.0         88.7         73.3           (4248)         (3865)         (3296)           92.6         89.6         75.2           (2780)         (2574)         (2269)           85.7         85.4         67.7           (2044)         (1751)         (1436)           85.2         85.5         67.8           (2439)         (2079)         (1610)           94.1         90.1         75.7           (2450)         (2252)         (2097)           88.8         88.3         70.8           (1529)         (1357)         (1158)           89.7         85.1         72.1           (1194)         (1071)         (913)           89.3         89.8         72.3           (965)	89.7         87.9         72.3         46.9           (4831)         (4331)         (3707)         (859)           67.4         76.6         58.3         19.6           (184)         (124)         (84)         (56)           90.5         88.2         72.6         48.8           (4647)         (4207)         (3623)         (803)           79.9         81.1         64.2         37.5           (583)         (466)         (411)         (64)           91.0         88.7         73.3         47.7           (4248)         (3865)         (3296)         (795)           92.6         89.6         75.2         53.9           (2780)         (2574)         (2269)         (440)           85.7         85.4         67.7         39.5           (2044)         (1751)         (1436)         (415)           85.2         85.5         67.8         39.8           (2439)         (2079)         (1610)         (635)           94.1         90.1         75.7         67.0           (2450)         (2252)         (2097)         (224)           88.8         88.3 <td< td=""><td>89.7         87.9         72.3         46.9         85.2           (4831)         (4331)         (3707)         (859)         (4275)           67.4         76.6         58.3         19.6         77.2           (184)         (124)         (84)         (56)         (123)           90.5         88.2         72.6         48.8         85.5           (4647)         (4207)         (3623)         (803)         (4152)           79.9         81.1         64.2         37.5         84.6           (583)         (466)         (411)         (64)         (456)           91.0         88.7         73.3         47.7         85.3           (4248)         (3865)         (3296)         (795)         (3819)           92.6         89.6         75.2         53.9         85.2           (2780)         (2574)         (2269)         (440)         (2547)           85.7         85.4         67.7         39.5         85.2           (2044)         (1751)         (1436)         (415)         (1722)           85.2         85.5         67.8         39.8         84.0           (2439)         (2079)</td></td<>	89.7         87.9         72.3         46.9         85.2           (4831)         (4331)         (3707)         (859)         (4275)           67.4         76.6         58.3         19.6         77.2           (184)         (124)         (84)         (56)         (123)           90.5         88.2         72.6         48.8         85.5           (4647)         (4207)         (3623)         (803)         (4152)           79.9         81.1         64.2         37.5         84.6           (583)         (466)         (411)         (64)         (456)           91.0         88.7         73.3         47.7         85.3           (4248)         (3865)         (3296)         (795)         (3819)           92.6         89.6         75.2         53.9         85.2           (2780)         (2574)         (2269)         (440)         (2547)           85.7         85.4         67.7         39.5         85.2           (2044)         (1751)         (1436)         (415)         (1722)           85.2         85.5         67.8         39.8         84.0           (2439)         (2079)

Appendix A: Descriptive statistics for predictor variables of non-response by response status and cohort

Population: Families	B-c	ohort	K-cohort	
interviewed Wave 1	Wave 3 non-respondents	Wave 3 Respondents	Wave 3 non-respondents	Wave 3 Respondents
Wave 1 characteristics	$\frac{1}{(N=721)}$	(N=4386)	(N=652)	(N=4331)
Parent 1 Self-complet	e returned			
Yes	64.08%	88.44%	64.72%	87.90%
No	35.92%	11.56%	35.28%	12.10%
N	721	4386	652	4331
Time-Use Diary return	ned			
Yes	51.60%	81.46%	45.25%	79.27%
No	48.40%	18.54%	54.75%	20.73%
N	721	4386	652	4331
Parent 2 Self-complet	e returned			
Yes	44.66%	76.93%	38.65%	72.41%
No	34.95%	15.55%	34.82%	15.49%
No par	rent 2 20.39%	7.52%	26.53%	12.10%
N	721	4386	652	4331
Parent 1 gender				
Femal	e 98.20%	98.61%	95.71%	97.32%
Male	1.80%	1.39%	4.29%	2.68%
N	721	4386	652	4331
Parent 1 age				
Mean	28.9	31.35	33.3	35
SD	6.2	5.3	6.3	5.3
N	720	4386	652	4329
Parent 1 country of bi	rth			
Austra	dia 69.35%	79.71%	66.26%	76.50%
Other	30.7%	20.3%	33.7%	23.5%
N	721	4386	652	4331
Parent 1 LOTE spoke	n at home			
Englis	h 74.34%	87.41%	72.09%	86.26%
Other	25.66%	12.59%	27.91%	13.74%
N	721	4386	652	4331
Study Child indigenor	us status			
ATSI	11.23%	3.40%	9.66%	2.86%
Not A	TSI 88.77%	96.60%	90.34%	97.14%
N	721	4386	652	4331
Study Child birthweig	ht			
Mean	3333.48	3422.61	3362.72	3404.71

Population: Families	B-co	ohort	K-co	K-cohort		
interviewed Wave 1	Wave 3 non-respondents	Wave 3 Respondents	Wave 3 non-respondents	Wave 3 Respondents		
Wave 1 characteristics	(N=721)	(N=4386)	(N=652)	(N=4331)		
SD	573.37	567.17	589.25	589.07		
N N	709	4363	620	4277		
Study Child multiple birth	705	1505	020	1277		
No	97.78%	96.60%	97.24%	97.18%		
Yes	2.22%	3.40%	2.76%	2.82%		
N	720	4385	652	4330		
Parent 1 rating of Study Chile						
Mean	1.6	1.5	1.7	1.6		
SD	0.8	0.8	0.8	0.8		
N	720	4386	651	4331		
Number of serves of fruit and	l vegetables					
Mean	na	na	1.7	1.7		
SD	na	na	0.5	0.5		
N	na	na	571	3806		
Special Health Care needs						
Yes	6.36%	6.02%	14.51%	12.97%		
No	93.64%	93.98%	85.49%	87.03%		
N	708	4321	641	4293		
Parental impact (of worry over	er child) scale					
Mean	na	na	1.6	1.5		
SD	na	na	1	0.9		
N	na	na	652	4330		
Study child's enjoyment of p	hysical activity					
Mean	na	na	4.6	4.6		
$\operatorname{SD}$	na	na	0.8	0.8		
N	na	na	652	4330		
Parent rating of own sleep qu	-	2.2	2.2	2.2		
Mean	2.3	2.2	2.3	2.2		
SD	0.8	0.8	0.9	0.9		
N	720	4382	652	4330		
Study Child attends child care	e (apart from ma	un school, pre-s	chool, day care	for K-cohort)		
Yes	31.90%	36.53%	25.92%	31.49%		
No	68.10%	63.47%	74.08%	68.51%		
N	721	4386	652	4331		
Hours in main school, pre-sch	_	,				
Mean	na	na	18.3	17.4		
SD	na	na	9.6	9		
N	na	na	585	4166		

Population: Families	B-co	ohort	K-co	ohort
interviewed Wave 1	Wave 3 non-	Wave 3	Wave 3 non-	Wave 3
	respondents	Respondents	respondents	Respondents
Wave 1 characteristics	(N=721)	(N=4386)	(N=652)	(N=4331)
Home activities index				
Mean	na	na	1.7	1.7
$\operatorname{SD}$	na	na	0.6	0.5
N	na	na	649	4324
Out of home activities index				
Mean	na	na	3.4	3.6
$\operatorname{SD}$	na	na	1.5	1.5
N	na	na	642	4279
Parent 1 has children living e	lsewhere			
Yes	21.09%	7.69%	30.56%	14.02%
No	78.91%	92.31%	69.44%	85.98%
N	716	4381	648	4321
Parent 1 rating of parent self-	efficacy			
Mean	4.1	4.1	4	3.9
SD	0.92	0.86	0.9	0.9
N	710	4370	649	4319
Parent 1 self-efficacy scale				
Mean	8.49	8.47	na	na
SD	1.36	1.2	na	na
N	714	4379	na	na
Parent 1 parental warmth scal	le			
Mean	4.6	4.5	4.5	4.4
SD	0.4	0.4	0.5	0.5
N	714	4379	650	4322
Parent 1 inductive reasoning	scale			
Mean	na	na	4.3	4.3
SD	na	na	0.7	0.6
N	na	na	650	4321
Parent 1 angry parenting scale	e			
Mean	na	na	2.2	2.2
SD	na	na	0.6	0.6
N	na	na	650	4321
Parent 1 consistent parenting				
Mean	na	na	3.8	4.1
SD	na	na	0.8	0.7
N	na	na	649	4320
Parent 1 hostile parenting sca				
Mean	1.9	1.9	na	na

Population: Families	B-co	ohort	K-cohort		
interviewed Wave 1	Wave 3 non-respondents	Wave 3 Respondents	Wave 3 non-respondents	Wave 3 Respondents	
Wave 1 characteristics	(N=721)	(N=4386)	(N=652)	(N=4331)	
SD	1.14	1.14	na	na	
N	712	4377	na	na	
Parent 1 SDQ prosocial					
Mean	na	na	7.7	7.8	
SD	na	na	1.9	1.8	
N	na	na	648	4321	
Parent 1 SDQ hyperactivity					
Mean	na	na	4	3.4	
SD	na	na	2.3	2.3	
N	na	na	648	4321	
Parent 1 SDQ emotional sym	ptoms				
Mean	na	na	2	1.7	
SD	na	na	1.8	1.7	
N	na	na	648	4320	
Parent 1 SDQ conduct proble					
Mean	na	na	2.9	2.4	
SD	na	na	2.1	2	
N	na	na	648	4321	
Parent 1 SDQ peer problems	- IIu	iiu	0.10	1321	
Mean	na	na	2	1.6	
SD	na	na	1.6	1.5	
N	na	na	648	4321	
Parent 1 school completion	- Hu	- IIu	0.10	1321	
Year 12	50.14%	69.42%	40.83%	60.75%	
Year 11	14.07%	10.79%	15.56%	13.28%	
Year 10	23.96%	15.90%	26.19%	20.63%	
Year 9 or below/not	11.84%	3.90%	17.41%	5.34%	
completed	11.04/0	3.7070	17.7170	3.5470	
N	718	4385	649	4329	
Parent 1 has bachelors degree					
Yes	20.36%	34.93%	13.91%	30.32%	
No	79.64%	65.07%	86.09%	69.68%	
N	717	4383	647	4324	
Parent 1 currently studying	, 1 ,				
Yes	9.74%	9.33%	13.25%	12.82%	
No	90.26%	90.67%	86.75%	87.18%	
N	719	4383	649	4329	
Language first spoken by P1	/1/	7,00	U <del>1</del> 7	7347	
English	74.69%	86.56%	72.22%	83.70%	
Engusii	74.0370	00.3070	14.44/0	03.7070	

Population: Families	B-co	ohort	K-cohort		
interviewed Wave 1	Wave 3 non-	Wave 3	Wave 3 non-	Wave 3	
	respondents	Respondents	respondents	Respondents	
Wave 1 characteristics	(N=721)	(N=4386)	(N=652)	(N=4331)	
Other	25.31%	13.44%	27.78%	16.30%	
N	719	4384	648	4326	
Parent 1 has parent born over					
Yes	52.29%	42.92%	46.91%	45.58%	
No	47.71%	57.08%	53.09%	54.42%	
N	719	4380	648	4326	
Parent 1 regularly attends reli	igious services				
Yes	18.36%	20.44%	26.08%	23.69%	
No	81.64%	79.56%	73.92%	76.31%	
N	719	4378	648	4314	
Parent 1 work status					
Employed, full-time	9.33%	10.83%	17.57%	20.95%	
Employed, part-time	20.89%	31.09%	25.42%	38.57%	
Employed, maternity	4.87%	10.14%	na*	na*	
leave					
Unemployed	5.15%	2.92%	6.78%	3.33%	
Not in the labour force	59.75%	45.02%	50.23%	37.16%	
N	718	4378	649	4325	
Highest occupational prestige	e rating (1st digit	of ASCO code)	of parent		
Mean	5.4	4.6	5.6	4.8	
SD	2.5	2.5	2.5	2.4	
N	649	4225	584	4202	
Parent receives income from	wages				
Yes	25.53%	34.84%	37.00%	49.34%	
No	74.47%	65.16%	63.00%	50.66%	
N	713	4340	646	4301	
Parent receives income from					
Yes	6.87%	10.62%	7.12%	13.39%	
No	93.13%	89.38%	92.88%	86.61%	
N	713	4340	646	4301	
Parent receives income from					
Yes	3.51%	7.56%	4.18%	9.02%	
No	96.49%	92.44%	95.82%	90.98%	
No N	713	4340	93.82%	4301	
Parent receives income from			040	7,701	
Yes	6.17%	16.08%	5.73%	19.39%	
Y es No	93.83%	83.92%	3.73% 94.27%	19.39% 80.61%	
N	713	4340	646	4301	

interviewed Wave 1 Wave 1 characteristics	Wave 3 non-	Wave 3	Wave 3 non-	
Wave 1 characteristics				Wave 3
Wave 1 characteristics	respondents	Respondents	respondents	Respondents
	(N=721)	(N=4386)	(N=652)	(N=4331)
Parent receives income from C	Government per	nsion/allowance		
Yes	80.08%	70.55%	79.88%	71.19%
No	19.92%	29.45%	20.12%	28.81%
N	713	4340	646	4301
Log combined parental income	e			
Mean	6.5	6.9	6.6	6.9
SD	0.8	0.8	0.7	0.7
N	634	4018	573	3911
Financial hardship scale				
Mean	1.3	0.8	1.4	0.8
SD	1.6	1.2	1.6	1.2
N	715	4380	642	4327
Rating of family prosperity				
Mean	3.3	3.2	3.4	3.2
SD	0.9	0.8	0.9	0.8
N	717	4382	648	4326
Length of time in lived in curr	ent home			
Mean	32.9	43.7	45.5	56.7
SD	38.6	46.4	43.2	54.7
N	716	4383	648	4329
Number of homes Study Child				
Mean	1.3	1.2	2.1	1.9
SD	0.5	0.4	0.9	0.8
N	717	4386	645	4329
Housing tenure				
Being paid off	36.96%	60.12%	42.81%	60.78%
Owned outright	5.16%	7.67%	8.04%	11.46%
Rented	47.98%	25.76%	44.20%	24.10%
Other	9.90%	6.46%	4.95%	3.65%
N	717	4383	647	4327
Neighbourhood liveability	/ 1 /	1505	O T /	1341
Mean	2.1	2	2.1	2
SD	0.5	0.5	0.5	0.5
N	717	4386	646	4330
Neighbourhood facilities	/ 1 /	-TJ00	UTU	7,300
Mean	2	2	2	2
SD	0.7	0.7	0.6	0.7
N N	0.7 717	4386	0.6 646	4329

Population: Families	B-co	ohort	K-co	ohort		
interviewed Wave 1	Wave 3 non-	Wave 3	Wave 3 non-	Wave 3		
	respondents	Respondents	respondents	Respondents		
Wave 1 characteristics	(N=721)	(N=4386)	(N=652)	(N=4331)		
Who Am I? test						
Mean	na	na	62.5	64.3		
SD	na	na	8.1	8.1		
N	na	na	614	4266		
Number of people living in household						
Mean	4.2	4	4.6	4.5		
SD	1.5	1.2	1.5	1.2		
N	721	4386	652	4331		
Number of siblings living with	th Study Child					
Mean	1	1	1.6	1.5		
SD	1.2	1.1	1.3	1		
N	721	4386	652	4331		
SEIFA disadvantage						
Mean	983.9	1006.7	984.4	1006.1		
SD	74.4	68.5	79	68.4		
N	721	4386	652	4331		
Proportion of residents of pos	stcode aged 0 to	4				
Mean	7	6.8	7.2	6.9		
SD	1.7	1.6	1.7	1.6		
N	721	4386	652	4331		
Proportion of residents of pos	stcode of ATSI b	ackground				
Mean	2.5	2	2.3	2.1		
SD	4.2	3.4	3.9	3.6		
N	721	4386	652	4331		
Proportion of residents of pos	stcode completed	d year 12				
Mean	38.5	40.2	38.4	40		
SD	12.4	12.9	12.3	12.9		
N	721	4386	652	4331		
Proportion of residents of pos	stcode employed					
Mean	57	59	57.7	58.9		
SD	8.5	8.1	8.6	8.1		
N	721	4386	652	4331		
Proportion of residents of pos	stcode in familie	s with incomes	higher than \$1,0	000/week		
Mean	55	52.2	55	52.4		
SD	14.3	14.4	14.3	14.6		
N	721	4386	652	4331		
Proportion of residents of pos	stcode speak onl	y English at hor	ne			
Mean	81.9	85.7	82.2	85.8		

Population: Families	B-co	hort	K-cohort		
interviewed Wave 1	Wave 3 non-respondents	Wave 3 Respondents	Wave 3 non-respondents	Wave 3 Respondents	
Wave 1 characteristics	(N=721)	(N=4386)	(N=652)	(N=4331)	
SD	19.1	15.3	18.8	15	
N	721	4386	652	4331	
Proportion of residents of pos	tcode born in A	ustralia			
Mean	75.1	77.6	75.7	77.8	
$\operatorname{SD}$	14	11.9	13.3	11.8	
N	721	4386	652	4331	

Population: Families	B-co	hort	K-cohort		
interviewed Wave 2	Wave 3 non-respondents	Wave 3 Respondents	Wave 3 non-respondents	Wave 3 Respondents	
Wave 2 characteristics	(N=353)	(N=4253)	(N=268)	(N=4196)	
Parent 1 Self-complete returned					
Yes	41.1%	79.7%	42.5%	80.6%	
No	58.9%	20.3%	57.5%	19.4%	
N	353	4253	268	4196	
Time-Use Diary returned					
Yes	40.2%	78.8%	42.2%	79.8%	
No	59.8%	21.2%	57.8%	20.2%	
N	353	4253	268	4196	
Parent 2 Self-complete returned					
Yes	29.5%	71.1%	28.4%	68.5%	
No	42.5%	19.3%	42.2%	17.7%	
No parent 2	28.1%	9.6%	29.5%	13.9%	
N	353	4253	268	4196	
Parent 1 gender					
Female	96.6%	98.3%	93.7%	96.8%	
Male	3.4%	1.7%	6.3%	3.2%	
N	353	4253	268	4196	
Parent 1 age					
Mean	31.4	33.5	35.3	37.1	
SD	6.4	5.3	6.5	5.4	
N	352	4253	268	4194	
Parent 1 country of birth					
Australia	68.6%	79.7%	63.8%	77.0%	
Other	31.4%	20.3%	36.2%	23.0%	
N	353	4253	268	4195	
Parent 1 LOTE spoken at home					

Parent 1 LOTE spoken at home

Wave 2 characteristics         (N=353)         (N=4253)         (N=268)         (N=4196)           English Other         26.1%         87.6%         69.4%         86.5%           Other         26.1%         12.4%         30.6%         13.5%           N         353         4253         268         4196           Study Child indigenous status         ATSI         11.3%         3.3%         11.6%         2.9%           Not ATSI         88.7%         96.7%         88.4%         97.1%           No         353         4253         268         4194           Study Child birthweight         Mean         3382.5         3418.2         3373.3         3407.3           SD         573.1         591.5         583.1         589.5           N         347         4242         255         4144           Study Child multiple birth         No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           No         353 <th>Population: Families</th> <th>B-co</th> <th colspan="2">B-cohort</th> <th colspan="2">K-cohort</th>	Population: Families	B-co	B-cohort		K-cohort	
Wave 2 characteristics         (N=353)         (N=4253)         (N=268)         (N=4196)           English Other         26.1%         87.6%         69.4%         86.5%           Other         26.1%         12.4%         30.6%         13.5%           N         353         4253         268         4196           Study Child indigenous status         ATSI         11.3%         3.3%         11.6%         2.9%           Not ATSI         88.7%         96.7%         88.4%         97.1%           No         353         4253         268         4194           Study Child birthweight         Mean         3382.5         3418.2         3373.3         3407.3           SD         573.1         591.5         583.1         589.5           N         347         4242         255         4144           Study Child multiple birth         No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           No         353 <th>interviewed Wave 2</th> <th>Wave 3 non-</th> <th>Wave 3</th> <th>Wave 3 non-</th> <th>Wave 3</th>	interviewed Wave 2	Wave 3 non-	Wave 3	Wave 3 non-	Wave 3	
English		respondents	Respondents	respondents	Respondents	
Other N         26.1% 353         12.4% 4253         30.6% 268         13.5% 4196           Study Child indigenous status ATS1 Not ATS1 88.7% 96.7% 88.4% 97.1% Not ATSI 88.7% 96.7% 88.4% 97.1% Not ATSI Not ATSI 88.7% 96.7% 88.4% 97.1% Not ATSI Not AT	Wave 2 characteristics	(N=353)	(N=4253)	(N=268)	(N=4196)	
N         353         4253         268         4196           Study Child indigenous status         11.3%         3.3%         11.6%         2.9%           Not ATSI         88.7%         96.7%         88.4%         97.1%           No         353         4253         268         4194           Study Child birthweight           Mean         3382.5         3418.2         3373.3         3407.3           SD         573.1         591.5         583.1         589.5           N         347         4242         255         4144           Study Child multiple birth           No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           Yes         2.3%         3.5%         3.0%         2.8%           No         353         4253         268         4195           Name of Study Child health           Mean         1.7         1.7         1.7         1.6           SD         0.8         0.8         0.8         0.7         0.8           SD         1.5         1.4         1.5	English	73.9%	87.6%	69.4%	86.5%	
Study Child indigenous status         ATSI         11.3%         3.3%         11.6%         2.9%           Not ATSI         88.7%         96.7%         88.4%         97.1%           No         353         4253         268         4194           Study Child birthweight           Mean         3382.5         3418.2         3373.3         3407.3           SD         573.1         591.5         583.1         589.5           N         347         4242         255         4144           Study Child multiple birth           No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           Yes         2.3%         3.5%         3.0%         2.8%           Mean         1.7         1.7         1.7         1.6           SD         0.8         0.8         0.7         0.8           N         353         4253         268         4196           Number of serves of fruit and vegetables           Mean         3.1         3.1         3.0         3.1 <tr< td=""><td>Other</td><td>26.1%</td><td>12.4%</td><td>30.6%</td><td>13.5%</td></tr<>	Other	26.1%	12.4%	30.6%	13.5%	
ATSI         11.3%         3.3%         11.6%         2.9%           Not ATSI         88.7%         96.7%         88.4%         97.1%           N         353         4253         268         4194           Study Child birthweight           Mean         3382.5         3418.2         3373.3         3407.3           SD         573.1         591.5         583.1         589.5           N         347         4242         255         4144           Study Child multiple birth           No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           Yes         2.3%         3.5%         3.0%         2.8%           Parent 1 rating of Study Child health         Mean         1.7         1.7         1.7         1.6           SD         0.8         0.8         0.7         0.8           N         353         4253         268         4196           Number of serves of fruit and vegetables           Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1	N	353	4253	268	4196	
Not ATSI         88.7%         96.7%         88.4%         97.1%           N         353         4253         268         4194           Study Child birthweight         Mean         3382.5         3418.2         3373.3         3407.3           SD         573.1         591.5         583.1         589.5           N         347         4242         255         4144           Study Child multiple birth         No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           Yes         2.3%         3.5%         3.0%         2.8%           N         353         4253         268         4195           Parent 1 rating of Study Child health         N         353         4253         268         4195           Parent 1 rating of Study Child health         N         353         4253         268         4196           Number of serves of fruit and vegetables         Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1.5         1.4           Yes         11.5         1.4         1.5         1.4      <	Study Child indigenous status					
N         353         4253         268         4194           Study Child birthweight         Mean         3382.5         3418.2         3373.3         3407.3           SD         573.1         591.5         583.1         589.5           N         347         4242         255         4144           Study Child multiple birth           No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           Yes         2.3%         3.5%         3.0%         2.8%           N         353         4253         268         4195           Parent 1 rating of Study Child health         1.7         1.7         1.6         1.6         1.6         1.8 </td <td>ATSI</td> <td>11.3%</td> <td>3.3%</td> <td>11.6%</td> <td>2.9%</td>	ATSI	11.3%	3.3%	11.6%	2.9%	
Study Child birthweight           Mean         3382.5         3418.2         3373.3         3407.3           SD         573.1         591.5         583.1         589.5           N         347         4242         255         4144           Study Child multiple birth           No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           N         353         4253         268         4195           Parent 1 rating of Study Child health           Mean         1.7         1.7         1.7         1.6           SD         0.8         0.8         0.7         0.8           N         353         4253         268         4196           Number of serves of fruit and vegetables           Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1.5         1.4           N         353         4252         267         4195           Special Health Care needs           Yes         11.2%         11.3%         16.7%         14.6% </td <td>Not ATSI</td> <td>88.7%</td> <td>96.7%</td> <td>88.4%</td> <td>97.1%</td>	Not ATSI	88.7%	96.7%	88.4%	97.1%	
Mean SD SD 573.1         3418.2 591.5 583.1         3407.3 589.5 589.5 589.5 589.1           N 347         4242         255         4144           Study Child multiple birth No 97.7% 96.5% 97.0% 97.2% Yes 2.3% 3.5% 3.0% 2.8% No 353         3.5% 3.0% 2.8% 4195           Parent 1 rating of Study Child health Mean 1.7 1.7 1.7 1.7 1.6 SD 0.8 0.8 0.8 0.7 0.8 No 353 4253 268 4196           Number of serves of fruit and vegetables Mean 3.1 3.1 3.0 3.1 SD 1.5 1.4 1.5 1.4 No 353 4252 267 4195           Special Health Care needs Yes 11.2% 11.3% 16.7% 14.6% No 88.8% 88.7% 83.3% 85.4% No 353 4253 258 4057           Gross motor coordinaton Mean na na 1.8 1.8 SD na na na 0.4 0.4 0.4 No na na 268 4194           Parent rating of own sleep quality Mean 2.7 2.8 2.7 2.6 SD 1.1 1.1 1.1 1.4 1.1 No 353 4253 268 4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort) Yes 60.6% 71.2% 33.2% 35.8%	N	353	4253	268	4194	
SD         573.1         591.5         583.1         589.5           N         347         4242         255         4144           Study Child multiple birth           No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           N         353         4253         268         4195           Parent 1 rating of Study Child health         Mean         1.7         1.7         1.7         1.6           SD         0.8         0.8         0.7         0.8           No         353         4253         268         4196           Number of serves of fruit and vegetables           Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1.5         1.4           Na         353         4252         267         4195           Special Health Care needs           Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           No         353         4253         258 <t< td=""><td>Study Child birthweight</td><td></td><td></td><td></td><td></td></t<>	Study Child birthweight					
No         347         4242         255         4144           Study Child multiple birth No         97.7%         96.5%         97.0%         97.2% yes           Yes         2.3%         3.5%         3.0%         2.8% yes           No         353         4253         268         4195           Parent 1 rating of Study Child health Mean         1.7         1.7         1.7         1.6 SD         0.8         0.8         0.7         0.8 OB         0.8         0.7         0.8 OB         0.	Mean	3382.5	3418.2	3373.3	3407.3	
No   97.7%   96.5%   97.0%   97.2%   Yes   2.3%   3.5%   3.0%   2.8%   No   353   4253   268   4195   268   268   268	SD	573.1	591.5	583.1	589.5	
No         97.7%         96.5%         97.0%         97.2%           Yes         2.3%         3.5%         3.0%         2.8%           N         353         4253         268         4195           Parent 1 rating of Study Child health           Mean         1.7         1.7         1.7         1.6           SD         0.8         0.8         0.7         0.8           N         353         4253         268         4196           Number of serves of fruit and vegetables           Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1.5         1.4           Na         353         4252         267         4195           Special Health Care needs           Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           No         353         4253         258         4057           Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         2.	N	347	4242	255	4144	
Yes         2.3%         3.5%         3.0%         2.8%           N         353         4253         268         4195           Parent 1 rating of Study Child health           Mean         1.7         1.7         1.7         1.6           SD         0.8         0.8         0.7         0.8           N         353         4253         268         4196           Number of serves of fruit and vegetables           Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1.5         1.4           No         353         4252         267         4195           Special Health Care needs           Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           No         353         4253         258         4057           Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         2.6	Study Child multiple birth					
N         353         4253         268         4195           Parent 1 rating of Study Child health           Mean         1.7         1.7         1.7         1.6         SD         0.8         0.8         0.7         0.8         0.8         0.7         0.8         0.8         0.0         0.8         4.96         0.0         0.8         4.253         268         4196         0.0         0.0         3.1         3.1         3.0         3.1         3.1         3.0         3.1         3.1         3.0         3.1         3.1         3.0         3.1         3.1         3.0         3.1         4.0         3.0         3.1         3.0         3.1         4.0         3.0         3.1         3.0         3.1         3.0         3.1         4.0         3.0         3.1         3.0         3.1         4.0         3.0         3.1         3.0         3.1         4.0         3.0         3.1         3.0         3.1         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0	No	97.7%	96.5%	97.0%	97.2%	
Parent 1 rating of Study Child health           Mean         1.7         1.7         1.7         0.8           SD         0.8         0.8         0.7         0.8           N         353         4253         268         4196           Number of serves of fruit and vegetables           Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1.5         1.4           N         353         4252         267         4195           Special Health Care needs           Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           No         353         4253         258         4057           Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         2.6         4194           Parent rating of own sleep quality         2.7         2.8         2.7         2.6           SD         1.1	Yes	2.3%	3.5%	3.0%	2.8%	
Mean SD         1.7 0.8         1.7 0.8         1.7 0.8           N         353         4253         268         4196           Number of serves of fruit and vegetables           Mean         3.1 3.1 3.0 3.0 3.1         3.0 3.1           SD         1.5 1.4 1.5 1.4         1.5 1.4           N         353 4252 267 4195           Special Health Care needs           Yes         11.2% 11.3% 16.7% 14.6% No 88.8% 88.7% 83.3% 85.4% No 353 4253 258 4057           Gross motor coordinaton         Nean na 1.8 1.8 1.8 1.8 1.8 1.8 No No na na 268 4194           Parent rating of own sleep quality         Nean na 268 4194           Parent rating of own sleep quality         Nean 2.7 2.8 2.7 2.6 SD 1.1 1.1 1.4 1.1 1.4 1.1 No 353 4253 268 4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)         Yes         60.6% 71.2% 33.2% 35.8% 35.8%	N	353	4253	268	4195	
SD         0.8         0.8         0.7         0.8           Number of serves of fruit and vegetables         Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1.5         1.4           N         353         4252         267         4195           Special Health Care needs         Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           No         353         4253         258         4057           Gross motor coordinaton         Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         2.6         4194           Parent rating of own sleep quality         Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4194           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)         Yes         60.6%         71.2% <td>Parent 1 rating of Study Child h</td> <td>ealth</td> <td></td> <td></td> <td></td>	Parent 1 rating of Study Child h	ealth				
Number of serves of fruit and vegetables         Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1.5         1.4           N         353         4252         267         4195           Special Health Care needs           Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           No         353         4253         258         4057           Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality           Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8% <td>Mean</td> <td>1.7</td> <td>1.7</td> <td>1.7</td> <td>1.6</td>	Mean	1.7	1.7	1.7	1.6	
Number of serves of fruit and vegetables           Mean         3.1         3.1         3.0         3.1           SD         1.5         1.4         1.5         1.4           No         353         4252         267         4195           Special Health Care needs           Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           No         353         4253         258         4057           Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality           Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%	SD	0.8	0.8	0.7	0.8	
Mean SD 1.5         1.4 1.5         1.4 1.5           N 353         4252         267         4195           Special Health Care needs           Yes 11.2% 11.3% 16.7% 14.6% No 88.8% 88.7% 83.3% 85.4% No 353 4253 258 4057           Special Health Care needs         88.8% 88.7% 83.3% 85.4	N	353	4253	268	4196	
Mean SD 1.5         1.4 1.5         1.4 1.5         1.4 1.5 1.4           N 353         4252         267         4195           Special Health Care needs           Yes 11.2% 11.3% 16.7% 14.6% No 88.8% 88.7% 83.3% 85.4% No 353 4253 258 4057           Sometian coordinaton         No 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	Number of serves of fruit and v	egetables				
N         353         4252         267         4195           Special Health Care needs           Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           No         353         4253         258         4057           Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality           Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8%	Mean	3.1	3.1	3.0	3.1	
Special Health Care needs           Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           N         353         4253         258         4057           Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality           Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8%	SD	1.5	1.4	1.5	1.4	
Yes         11.2%         11.3%         16.7%         14.6%           No         88.8%         88.7%         83.3%         85.4%           N         353         4253         258         4057           Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality           Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8%	N	353	4252	267	4195	
No         88.8%         88.7%         83.3%         85.4%           N         353         4253         258         4057           Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality         Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8%	Special Health Care needs					
N         353         4253         258         4057           Gross motor coordinaton         Mean         na         na         1.8         1.8           Mean         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality         Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)         Yes         60.6%         71.2%         33.2%         35.8%	Yes	11.2%	11.3%	16.7%	14.6%	
Gross motor coordinaton           Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality         Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)         Yes         60.6%         71.2%         33.2%         35.8%	No	88.8%	88.7%	83.3%	85.4%	
Mean         na         na         1.8         1.8           SD         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality         Wean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8%	N	353	4253	258	4057	
SD         na         na         0.4         0.4           N         na         na         268         4194           Parent rating of own sleep quality           Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8%	Gross motor coordinaton					
N         na         na         268         4194           Parent rating of own sleep quality           Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8%	Mean	na	na	1.8	1.8	
Parent rating of own sleep quality         Mean       2.7       2.8       2.7       2.6         SD       1.1       1.1       1.4       1.1         N       353       4253       268       4195         Study Child attends child care (apart from main school, pre-school, day care for K-cohort)         Yes       60.6%       71.2%       33.2%       35.8%	SD	na	na	0.4	0.4	
Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8%	N	na	na	268	4194	
Mean         2.7         2.8         2.7         2.6           SD         1.1         1.1         1.4         1.1           N         353         4253         268         4195           Study Child attends child care (apart from main school, pre-school, day care for K-cohort)           Yes         60.6%         71.2%         33.2%         35.8%	Parent rating of own sleep quali	ity				
N 353 4253 268 4195 Study Child attends child care (apart from main school, pre-school, day care for K-cohort)  Yes 60.6% 71.2% 33.2% 35.8%			2.8	2.7	2.6	
Study Child attends child care (apart from main school, pre-school, day care for K-cohort)  Yes 60.6% 71.2% 33.2% 35.8%	SD	1.1	1.1	1.4	1.1	
Yes 60.6% 71.2% 33.2% 35.8%	N	353	4253	268	4195	
	Study Child attends child care (	apart from main	school, pre-sch	ool, day care fo	or K-cohort)	
	-		_	-		
IND 37470 /AA70 DDA*/0 DZ /*/a	No	39.4%	28.8%	66.8%	64.2%	

Population: Families	В-со	hort	K-cohort	
interviewed Wave 2	Wave 3 non-	Wave 3	Wave 3 non-	Wave 3
	respondents	Respondents	respondents	Respondents
Wave 2 characteristics	(N=353)	(N=4253)	(N=268)	(N=4196)
N	353	4253	268	4196
School grade				
Grade 1/Year 1	na	na	62.9%	70.1%
Grade 2/Year 2	na	na	30.0%	24.9%
Other	na	na	7.1%	5.0%
N	na	na	267	4180
School Type				
Government	na	na	72.8%	66.9%
Catholic	na	na	18.7%	21.7%
Independent	na	na	8.2%	11.0%
Not in school	na	na	0.4%	0.4%
N	na	na	268	4196
Parent 1's education expectation	for child			
Leave before finishing secondary school	na	na	2.4%	1.3%
Complete secondary school	na	na	22.4%	14.4%
Complete a trade or vocational training course	na	na	14.5%	15.8%
Go to university and complete a degree	na	na	51.0%	58.1%
Obtain post-graduate qualifications at university	na	na	9.8%	10.4%
N			255	4064
School social capital				
Mean	na	na	3.4	3.8
SD	na	na	1.3	1.2
N	na	na	267	4180
Home activities index				
Mean	1.8	2.0	1.4	1.4
SD	0.6	0.6	0.6	0.5
N	353	4253	268	4196
Out of home activities index				
Mean	2.0	2.3	2.5	2.8
SD	1.1	1.1	1.2	1.2
N	353	4253	268	4196
Amount of TV watched by the st				
Mean	16.7	15.7	14.2	16.1
IVICUII	10.7	13.7	17,4	10.1

Population: Families	B-co	hort	K-co	ohort
interviewed Wave 2	Wave 3 non-	Wave 3	Wave 3 non-	Wave 3
	respondents	Respondents	respondents	Respondents
Wave 2 characteristics	(N=353)	(N=4253)	(N=268)	(N=4196)
SD	22.8	22.7	20.4	21.7
N	353	4253	268.0	4196
Parent 1 rating of parent self-eff				
Mean	4.0	4.1	4.1	4.1
SD	0.9	0.8	0.9	0.8
N	323	4161	250	4098
Parent 1 parental warmth scale				
Mean	4.5	4.6	4.4	4.4
SD	0.5	0.4	0.5	0.5
N	353	4170	249	4101
Parent 1 inductive reasoning sca	le			
Mean	4.2	4.2	4.3	4.2
SD	0.8	0.7	0.7	0.6
N	353	4170	247	4098
Parent 1 angry parenting scale				
Mean	na	na	2.2	2.2
SD	na	na	0.6	0.6
N	na	na	249	4100
Parent 1 consistent parenting sca	ıle			
Mean	na	na	4.0	4.2
SD	na	na	0.7	0.6
N	na	na	248	4100
Parent 1 hostile parenting scale				
Mean	3.1	3.1	3.2	3.1
SD	1.5	1.3	1.4	1.4
N	142	3372	113	3358
Parent 1 SDQ prosocial				
Mean	na	na	8.1	8.2
SD	na	na	2.0	1.7
N	na	na	248	4094
Parent 1 SDQ hyperactivity				
Mean	na	na	3.7	3.3
SD	na	na	2.5	2.3
N	na	na	246	4094
Parent 1 SDQ emotional sympto	ms			
Mean	na	na	1.9	1.6

Population: Families	B-cohort		K-cohort	
interviewed Wave 2	Wave 3 non-	Wave 3	Wave 3 non-	Wave 3
	respondents	Respondents	respondents	Respondents
Wave 2 characteristics	(N=353)	(N=4253)	(N=268)	(N=4196)
N	na	na	248	4094
Parent 1 SDQ conduct problems				
Mean	na	na	1.6	1.4
SD	na	na	1.5	1.5
N	na	na	247	4094
Parent 1 SDQ peer problems				
Mean	na	na	2.0	1.5
SD	na	na	1.7	1.6
N	na	na	247	4094
Parent 1 BITSEA problems				
Mean	31.6	30.2	na	na
SD	5.1	4.5	na	na
N	325	4157	na	na
Parent 1 BITSEA competencies				
Mean	28.0	28.7	na	na
SD	2.9	2.6	na	na
N	323	4152	na	na
Parent 1 K6				
Mean	4.4	4.5	4.4	4.5
SD	0.7	0.5	0.7	0.6
N	325	4168	248	4102
Parent 1 school completion				
Year 12	52.4%	70.2%	40.3%	60.8%
Year 11	14.3%	10.6%	14.6%	13.3%
Year 10	24.2%	15.7%	28.4%	20.7%
Year 9 or below/not	9.1%	3.6%	16.8%	5.2%
completed				
N	353	4253	2.68	4193
Parent 1 has bachelors degree				
Yes	22.4%	34.9%	14.6%	30.3%
No	77.6%	65.1%	85.5%	69.8%
N	353	4250	268	4188
Parent 1 currently studying				
Yes	11.3%	10.6%	16.9%	13.4%
No	88.7%	89.4%	83.2%	86.6%
N	353	4253	267	4196
Language first spoken by P1				
English	75.1%	86.7%	70.9%	84.0%
Č				

Population: Families	B-co	ohort	K-cohort	
interviewed Wave 2	Wave 3 non-	Wave 3	Wave 3 non-	Wave 3
	respondents	Respondents	respondents	Respondents
Wave 2 characteristics	(N=353)	(N=4253)	(N=268)	(N=4196)
Other	24.9%	13.3%	29.1%	16.0%
N	353	4251	268	4191
Parent 1 has parent born overse	eas			
Yes	51.8%	43.0%	53.4%	45.2%
No	48.2%	57.0%	46.6%	54.8%
N	353	4253	268	4190
Parent 1 work status				
Employed, full-time	17.3%	17.1%	25.5%	25.4%
Employed, part-time	23.8%	38.7%	28.5%	41.8%
Employed, maternity	3.1%	4.1%	0.4%	1.1%
leave				
Unemployed	4.0%	2.6%	5.2%	3.0%
Not in the labour force	51.8%	37.5%	40.5%	28.8%
N	353	4253	267	41.96
Highest occupational prestige r	rating (1 <sup>st</sup> digit of	f ASCO code) o	f parent	
Mean	4.6	3.4	4.6	3.5
SD	2.6	2.2	2.8	2.2
N	351	4245	268	4185
Parent receives income from w	ages			
Yes	67.6%	83.1%	73.4%	84.2%
No	32.4%	16.9%	26.6%	15.8%
N	352	4250	267	4194
Parent receives income from pr	ofit from busine	SS		
Yes	13.6%	20.5%	12.0%	22.2%
No	86.4%	79.5%	88.0%	77.9%
N	352	4250	267	4194
Parent receives income from G	overnment pensi	on/allowance		
Yes	79.6%	68.8%	75.7%	63.4%
No	20.5%	31.2%	24.3%	36.6%
N	352	4250	267	4194
Log combined parental income				
Mean	6.9	7.2	3.0	7.2
SD	0.9	0.7	0.8	0.7
N	311	3921	4196	3858
Financial hardship scale				
Mean	0.5	0.3	0.5	0.3
SD	1.0	0.7	0.9	0.7
N	350	4224	266	4174

Population: Families	B-co	hort	ort K-cohort	
interviewed Wave 2	Wave 3 non-respondents	Wave 3 Respondents	Wave 3 non-respondents	Wave 3 Respondents
Wave 2 characteristics	(N=353)	(N=4253)	(N=268)	(N=4196)
Rating of family prosperity				
Mean	3.1	3.0	3.1	3.0
SD	0.9	0.8	0.9	0.8
N	352	4251	266	4196
Length of time in lived in curr	ent home			
Mean	23.8	25.5	44.0	50.3
SD	12.2	11.6	24.9	29.1
N	353	4253	267	4196
Number of homes Study Child	d has lived in sinc	e birth		
Mean	1.8	1.6	2.5	2.2
SD	0.9	0.9	1.2	1.1
N	352	4253	265	4194
Housing tenure				
Being paid off	39.9%	61.8%	47%	63%
Owned outright	6.8%	9.7%	5%	13%
Rented	46.2%	24.3%	44%	22%
Other	7.1%	4.3%	4%	3%
N	353	4251	268	4196
BMI z-score				
Mean	0.5	0.5	0.4	0.4
SD	1.2	1.1	1.0	1.0
N	344	4178	259	4164
PPVT				
Mean	na	na	72.0	74.0
SD	na	na	5.0	5.1
N	na	na	253	4064
Matrix Reasoning				
Mean	na	na	9.7	10.4
SD	na	na	3.0	3.0
N	na	na	260	4153
School adjustment				
Mean	na	na	1.5	1.5
SD	na	na	0.3	0.3
N	na	na	259	4138
Number of people living in ho				
Mean	4.4	4.3	4.6	4.6
SD	1.5	1.1	1.6	1.2
N	353	4253	268	4196

Population: Families	B-co	hort	K-cohort		
interviewed Wave 2	Wave 3 non-	Wave 3	Wave 3 non-	Wave 3	
	respondents	Respondents	respondents	Respondents	
Wave 2 characteristics	(N=353)	(N=4253)	(N=268)	(N=4196)	
Number of siblings living wi	th Study Child				
Mean	1.3	1.3	1.7	1.6	
SD	1.2	1.0	1.4	1.0	
N	353	4253	268	4196	
SEIFA disadvantage					
Mean	989.8	1011.5	988.5	1011.5	
SD	67.3	60.1	81.1	61.2	
N	353	4253	268	4196	
Proportion of residents of pos	stcode aged 0 to 4				
Mean	6.7	6.6	6.9	6.5	
SD	1.2	1.2	1.4	1.3	
N	353	4253	268	4196	
Proportion of residents of pos	stcode of Indigeno	us background			
Mean	3.2	2.3	3.4	2.5	
SD	6.8	4.0	9.2	5.0	
N	353	4253	268	4196	
Proportion of residents of pos				.150	
Mean	43.9	45.6	44.5	45.5	
SD	12.5	13.1	12.7	13.2	
N	353	4253	268	4196	
Proportion of residents of pos					
Mean	60.2	62.0	60.7	61.9	
SD	7.5	7.2	7.5	7.3	
N	353	4253	268	4196	
Proportion of residents of pos	stcode in families v	with incomes hi	gher than \$1,00	0/week	
Mean	4.4	4.3	4.6	4.6	
SD	1.5	1.1	1.6	1.2	
N	353	4253	268	4196	
Proportion of residents of pos	stcode speak only	English at home	;		
Mean	1.3	1.3	1.7	1.6	
SD	1.2	1.0	1.4	1.0	
N	353	4253	268	4196	
Proportion of residents of pos					
Mean	989.8	1011.5	988.5	1011.5	
SD	67.3	60.1	81.1	61.2	
N	353	4253	268	4196	