

Introduction to the ECLS-B

Module Objectives

- Introduce the Early Childhood Longitudinal Study, Birth Cohort (ECLS-B) and describe the study's
 - Target population
 - Sample and study design
 - Years of data collection
 - Study respondents
 - Methods of data collection
- Highlight the topics for which data are collected and available for analysis

ECLS-B Sample

Nationally representative sample of children born in the United States in 2001

- Sample drawn from a frame comprising of U.S. birth certificates
- Initial sample of about 14,000 birth certificates

ECLS-B Sample (Continued)

Oversamples of particular subgroups

- Low birth weight
- Very low birth weight
- Twins
- American Indian/Alaska Native
- Chinese
- Other Asian/Pacific Islander

Target Population

- All children born in the United States in the year 2001 except the following
 - Children born to mothers younger than 15 years of age
 - Children who died or moved abroad before the 9-month data collection
 - Children who were adopted prior to the 9-month data collection
- Over time, target population excludes children who die or move abroad

ECLS-B Study Design

Data are available for a variety of points in time

- Birth
- 9 months
- 2 years
- Preschool (4 years)
- Kindergarten (5 years)
- First-time kindergartners and kindergarten repeaters (6 years)

ECLS-B Study Design (Continued)

Data were collected from a variety of sources

Children

- Mothers and fathers
- Early care and education providers
- Teachers
- Schools

Data were collected through a variety of methods

- Direct assessment
- Videotape and audiotape
- Self-administered questionnaires
- In-person and telephone interviews
- Observations

The Kindergarten Collections

In the kindergarten 2006 collection (2006-07 school year), data were collected from all children

- About 75 percent were in kindergarten or higher, either enrolled in school or being homeschooled for the equivalent grades
- About 25 percent were not yet in kindergarten or higher

The Kindergarten Collections (Continued)

- In the kindergarten 2007 collection (2007-08 school year), data were collected from a subgroup of children
 - Children who were in kindergarten or higher for the first time
 - Children who were in kindergarten in the 2006 collection and were repeating kindergarten in the 2007-08 school year
 - Twins of children in these two groups
- To analyze the birth cohort at kindergarten entry, data from both kindergarten collections must be used
- Data are not representative of all kindergartners

Participation Across Time

- The basis for participation in each round of data collection was a complete parent interview
- Cases with a complete parent interview in the prior round were contacted for continued participation in the subsequent round
 - The one exception is that all American Indian/Alaska Native children were followed to the extent possible in order to preserve this sample
- The study followed the child

Collection Years, Sample Sizes, and Response Rates

Round	Collection year	Sample size [†]	Weighted response rate*
9 Months	2001-02	10,700	74.1%
2 Years	2003-04	9,800	93.1%
Preschool (4 years)	2005-06	8,900	90.8%
Kindergarten (5 years)	2006-07	7,000	91.8%
Kindergarten (first-time and repeaters only)	2007-08	1,900	92.5%

† Unweighted sample sizes rounded to the nearest fifty

* Response rates are based on the number of sample cases eligible to participate in a given round of data collection

Components by Round

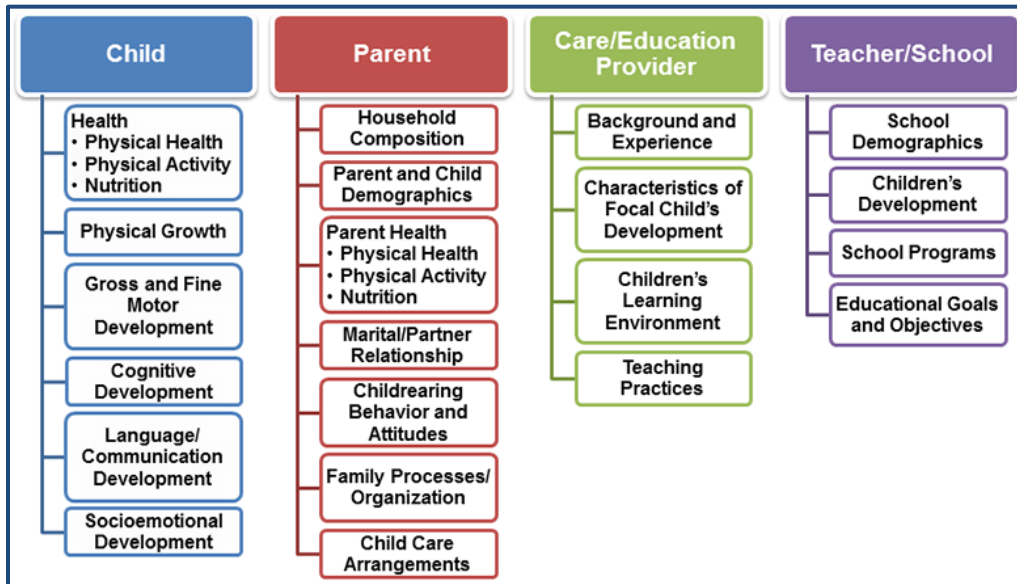
9 months	2 years	Preschool
<ul style="list-style-type: none"> • Child assessments • Parent interview • Parent-child video • Resident and non-resident father questionnaires 	<ul style="list-style-type: none"> • Child assessments • Parent interview • Parent-child video • Resident and non-resident father questionnaires • Early care and education provider telephone interview • Early care and education setting observation 	<ul style="list-style-type: none"> • Child assessments • Parent interview • Parent-child video • Resident father questionnaire • Early care and education provider telephone interview • Early care and education setting observation

Components by Round (Continued)

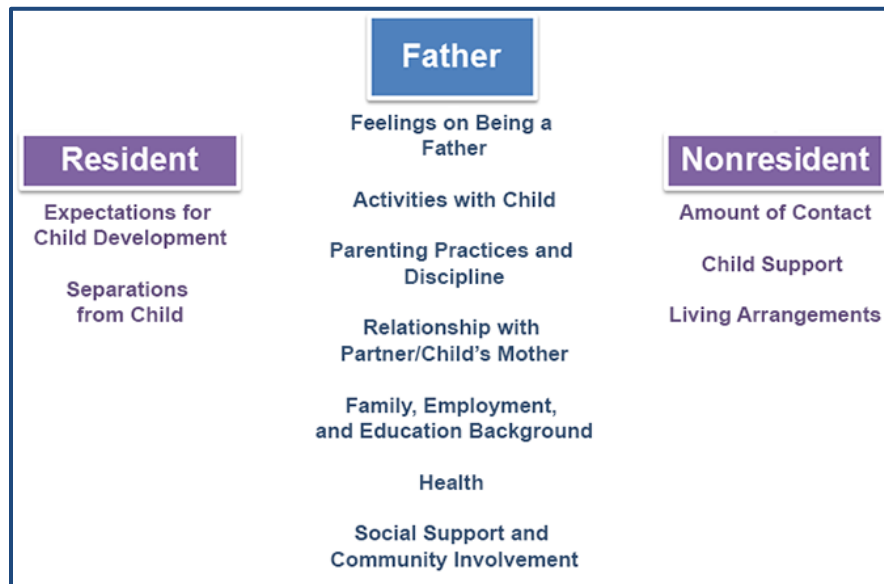
Kindergarten 2006 <i>(all children)</i>	Kindergarten 2007 <i>(first-time K and repeaters only)</i>
<ul style="list-style-type: none"> • Child assessments • Parent interview • Early care and education provider telephone interview • Wrap-around care provider telephone interview • Teacher questionnaire • School characteristics data* 	<ul style="list-style-type: none"> • Child assessments • Parent interview (abbreviated) • Wrap-around care provider telephone interview • Teacher questionnaire • School characteristics data*

* Merged from universe data pertaining to public (Common Core of Data (CCD)) and private (Private School Survey (PSS)) schools

ECLS-B Topics



Father Questionnaire Topics



Parent Interview

- Conducted with a household member who was knowledgeable about the child's care and education
- Order of preference
 - Child's biological mother
 - Child's biological father
 - Another parent or guardian
 - Another household member
- At 9 months, the parent respondent was the mother for 99 percent of the cases

Parent Interview (Continued)

- The parent respondent could change over time
- The parent respondent can be identified [using variables in the data file](#)

Module Summary and Resources

Summary

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Resources

- [Early Childhood Longitudinal Study Birth Cohort \(ECLS-B\)](#)
- [Variables in the data file](#)