



LONGITUDINAL & EARLY CHILDHOOD DATASETS

by

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*Workshop on the Impact of Mobility and Change
on the Lives of Young Children, Schools, and Neighborhoods*

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Slide 2. New Research with Three, Large, Nationally-Representative, Longitudinal, Early Childhood Datasets

ECLS-K, NLSY, PSID

- **Key Design Features**
- **Mobility measures**
- **Child outcome measures**
- **Measures of other causal factors**
- **Research issues and questions**
- **New data needed for mobility research**
- **Strengths and limitations**



Slide 3.
Key Design Features:
ECLS-K

- **Sample: Kindergarten class of 1998-1999**
- **Sample: ECLS-K:11...Class of 2010-11**
- **Data collection for**
 - ... **Kindergarten (twice)**
 - ... **1st grade (twice)**
 - ... **3rd grade (once)**
 - ... **5th grade (once)**
 - ... **8th grade (once)**

Slide 4.

Key Design Features: NLSY-Children

- **Sample: NLSY-Women...ages 14-21 in 1979**
- **Sample: NLSY-Children...born to these women**
- **Data collection...**
 - ... annually 1979-1994, then biennially (1986 for the children)
- **Mother's data collection focuses on**
 - ... employment, education, training
 - ... fertility, health, attitudes
 - ... marriage & cohabitation
 - ... mobility
 - ... crime

Slide 5.

Key Design Features:

PSID-CDS



- **Sample: PSID-Families in 1968 (intergenerational)**
- **Sample: PSID-Child Development Supplement
... children ages 0-12 in 1997**
- **Data collection...**
 - ... families: annually 1968-1997, then biennially**
 - ... children: 1997, 2002/2003, 2007**
- **Family data collection focuses on**
 - ... income, employment**
 - ... expenditures, housing**
 - ... program participation**

Slide 6.

Mobility Measures Reflecting Data Collection Dates



Residential address & school attended...

- ECLS-K 7 points in time (5 grades)
- ECLS-K:11 planning stage
- NLSY..... 11 points in time, *and counting*
- PSID 6 points in time (3 for child data),
and counting

Plus “reason for move”:

- If school change (ECLS-K)
- Residence change (NLSY, PSID)



Slide 7.
Mobility Measures
Between Data Collections

Between-waves data for...

- **Number of moves (ECLS-K, NLSY, PSID)**
- **Number of schools attended (NLSY)**
- **Residential history (PSID) with**
 - ... dates of moves**
 - ... mailing addresses**

Slide 8.

Age Range of Children & Span of Data Per Child

Age range of “children”
during data collection:

ECLS-K... 5-13

NLSY..... 0-30s, *and counting*

PSID..... 0-22, *and counting*

Number of years from beginning to end of
data collection for individual children:

ECLS-K... 9 years

NLSY..... 1 to 21 years, *and counting*

PSID..... 11 years, *and counting*

Slide 9.

CHILD MEASURES

- **Child Care...esp. NLYS, PSID**
- **Early Education...PSID data from ... teacher, including curriculum time use**
- **Cognitive, math, reading**
- **Socioemotional, behavioral**
- **Physical measures, health**
- **TV, computer use**
- **Time Diary (PSID)**
- **Peers (esp. PSID)**

Slide 10.

CHILD MEASURES: TRANSITION TO ADULTHOOD

NLYS and PSID

- **Educational attainment**
- **Employment**
- **Income**
- **Family formation**

Slide 11.

MEASURES OF OTHER CAUSAL FACTORS (1)

- **Parent interview**
 - ... demographics, family circumstances
 - ... home environment
 - ... parent-child interaction
- **Teacher/Principal interviews**
 - ... classroom environment
 - ... school climate
 - ... student profile

Slide 12.

MEASURES OF OTHER CAUSAL FACTORS (2)

- **School Data**

- ... **NCES Common Core of Data**

- ... **NCES Private School Survey**

- **Neighborhood Data**

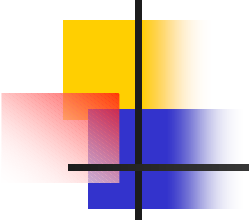
- ... **Census tract**

Slide 13.

RESEARCH ISSUES AND QUESTIONS (1)

**Beyond “Does mobility matter?”
...Focus on process... “How?” and “Why?”**

- **PreK and early school years**
 - ... as a study focus
 - ... as a context for later mobility
- **Multiple outcomes**
- **Changing ecological conditions**
 - ... family composition
 - ... parent employment
 - ... family interaction
 - ... school context and processes
 - ... neighborhood context



Slide 14.
**RESEARCH ISSUES
AND QUESTIONS (2)**

Beyond “Does mobility matter?”

...To focus on specific groups...

- **Race-ethnic**
- **Immigrant families, language**
- **SES**

AND

- **their school and neighborhood contexts**

Slide 15.

NEW DATA NEEDED FOR MOBILITY RESEARCH

Beyond “Number of Moves”

- **Longitudinal analyses at multiple time points**
- **Inter-wave residential histories**
- **Inter-wave schools attended histories**

Slide 16.

STRENGTHS AND LIMITATIONS(1)

Strengths

- **Nationally representative**
- **Longitudinal (many time points)**
- **Many variables measured for**
 - ... **children**
 - ... **schools**
 - ... **families**
 - ... **neighborhoods**
- **Designs allow for sophisticated modeling**

Slide 17.

STRENGTHS AND LIMITATIONS (2)

Limitations

- **Two-year measurement intervals**
- **Small samples for many specific race-ethnic and immigrant groups**
- **Need to augment with additional approaches**
 - ... **qualitative/ethnographic**
 - ... **comparative case studies**
 - ... **place-based experiments**



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