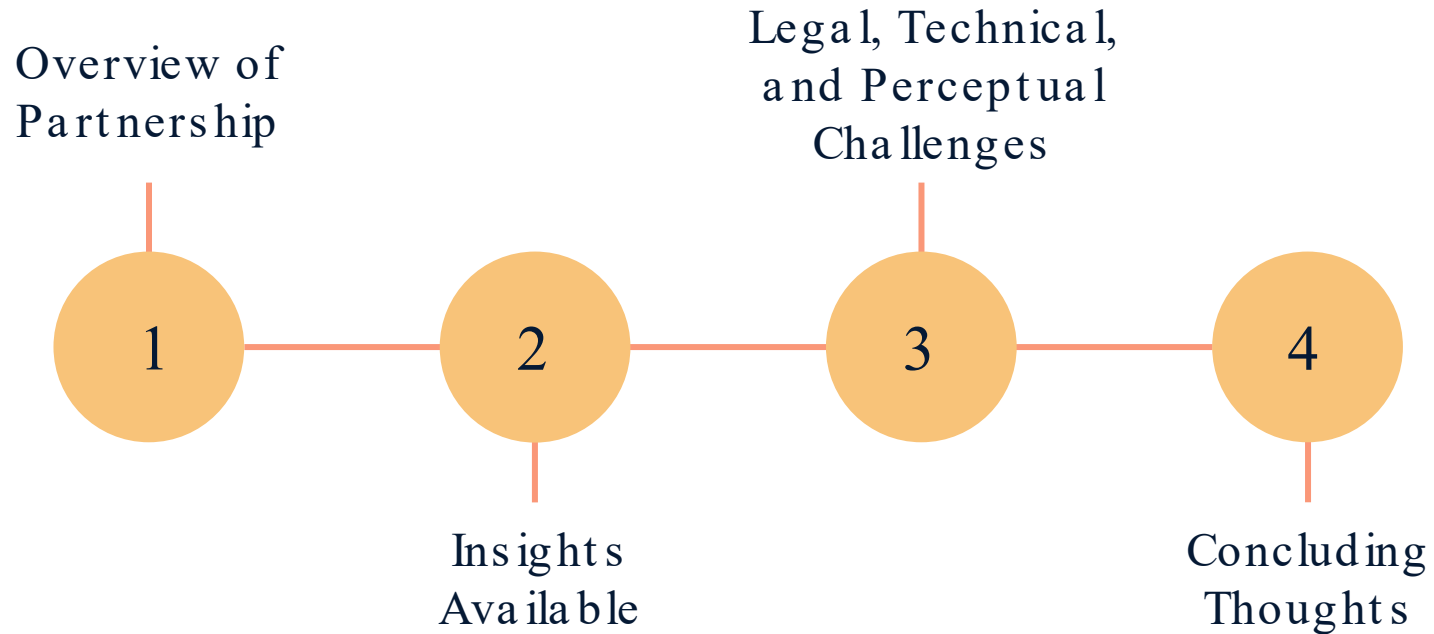


PARTNERSHIP RESEARCH IN EDUCATION WITH BLENDED DATA

May 2023



TODAY'S AGENDA



OVERVIEW OF PARTNERSHIP



Create first-of-its-kind secure linked SLDS-Census administrative data infrastructure to answer important questions about education:

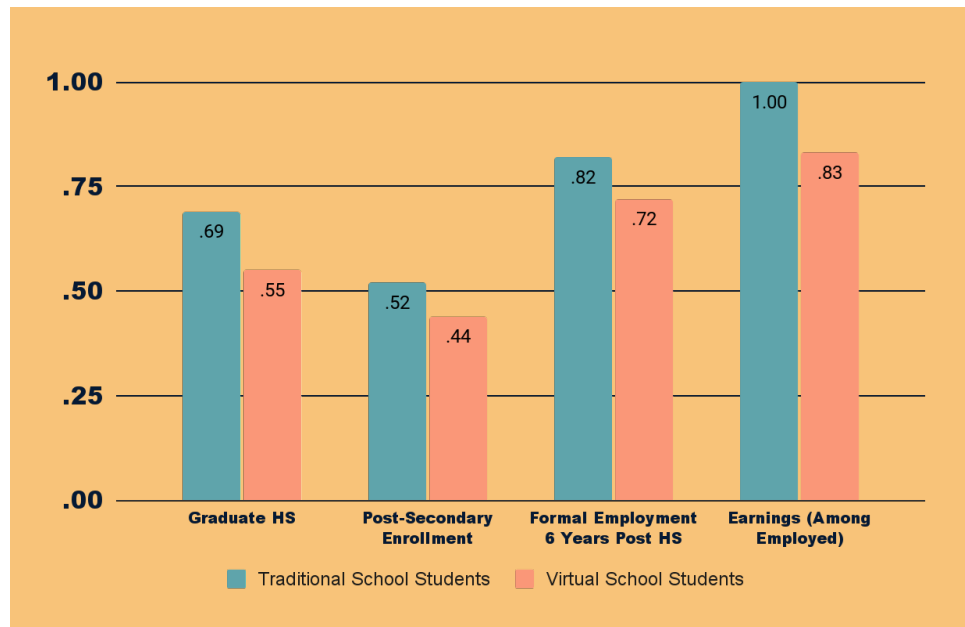
- Understand how students fare as they transition to **early adulthood** (e.g., career outcomes)
- Better measure **students' family background** and its implications for schools
- Trace **educator career trajectories**, both before and after working in public schools

NOTABLE INSIGHTS



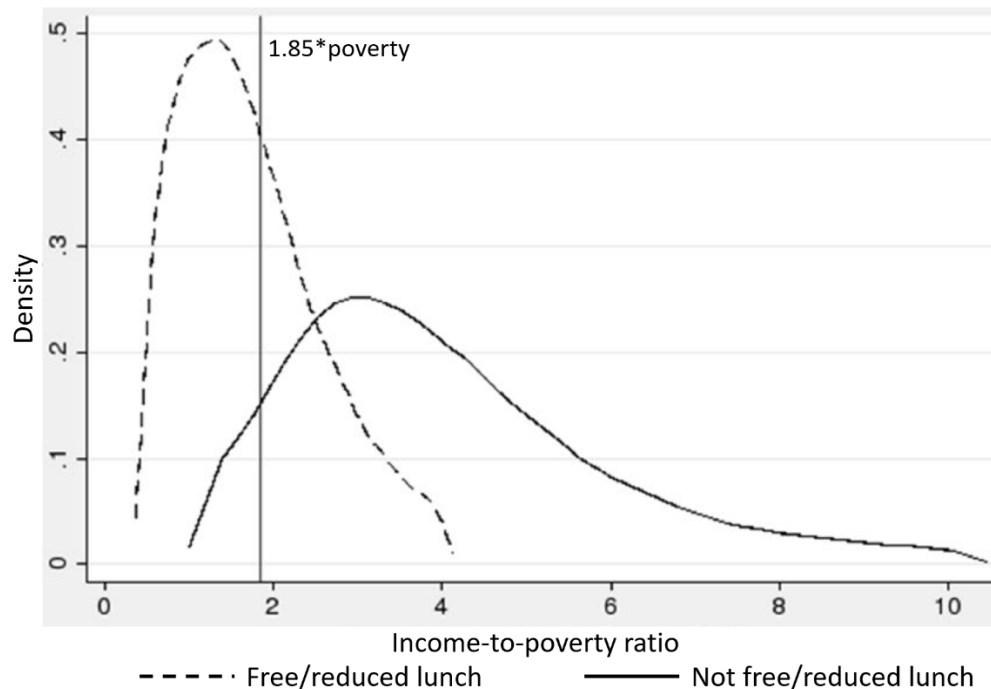
Finding 1: VIRTUAL CHARTER STUDENTS FARE WORSE AS YOUNG ADULTS

- Observationally similar 9th graders in virtual charter vs. traditional schools
- 2005-06 to 2010-11 9th grade cohorts
- Measured IRS outcomes 6 years post-HS
 - formal employment
 - earnings among employed



Finding 2: FRPL IS AN IMPRECISE MEASURE OF POVERTY

- 2013-14 K-12 students matched to IRS-reported household income
- ~35% of students in free/reduced lunch have income > 1.85*poverty
- ~15% of students not in free/reduced lunch have income < 1.85*poverty



Finding 3: TEACHERS WHO LEAVE HAD VERY MIXED LATER EMPLOYMENT OUTCOMES

One year after exit:

**21% lack
formal
employment**

**Only 26% of
employed leavers
earn more than
final earnings as a
teacher**

FINDING 4: 27% OF TEACHERS ARE SUPPLEMENTING THEIR INCOME

	No 1099 income	One+ 1099
One W-2	73%	8%
Two+ W-2's	16%	3%

Challenges for Linked Educational Partnership Research (Legal)

FERPA requires that data sharing help educators

Challenges for Linked Educational Partnership Research (Technical)

Misalignment between work that is of interest to privacy researchers and educational practitioners

Privacy budgets create a first mover advantage

Challenges for Linked Educational Partnership Research (Perceptual)

Confidentiality typically more salient than privacy

Federal government has a credibility problem

Noise infusion and synthetic data are a tough sell

Concluding Thoughts

My privacy affects your life

What input should communities have in their privacy budgets?

Who should own data?

THANKS!

Contact me at:
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