The Growing Divide in Educational Access & Outcomes

NYS Overview
My Goals

• A Touch of History

• Layers of the system and parts of the State
  • PreK & Early Care
  • 3rd & 8th Grade
  • College Readiness

• Tools for your use!
  • https://nces.ed.gov/programs/maped/
  • http://NYEducationData.org
  • http://pad.human.cornell.edu,

• Key Questions
A Touch of History

A Bill for the More General Diffusion of Knowledge, 1784

• Twenty of the best geniuses will be raked from the rubbish annually...

• We hope to avail the state of those talents which nature has sown as liberally among the poor as the rich... Bid defiance to the means of corruption.

• Thomas Jefferson’s proposal for the Commonwealth of Virginia
NYS School District Needs Index
2013

Needs Index
1 NYC
2 Big Four
3 Small City
4 Poor Rural
5 Average Wealth
6 High Wealth

Generated by: Eric R. Schultz
Date: 12.17.15
Projection Information: NAD_1983_StatePlane_New_York_Central_FIPS_3102_Feet
Classification Information: Jenks Natural Breaks
Source: NYS Dept. of Ed., CaRDI, NYS Rural Schools Association, NYS Center for Rural Schools
New York State Taxable Property Value per Pupil, 1993/94-2014/15

What does this impact?
Property Wealth Per Pupil by Rural Category & Year

New Rural Breakdown!
Annual Rate of Enrollment Change by Rural Category and Year

- Non-Rural
- Poor Rural
- Average Rural
- Wealthy Rural
MapEd

- NCES link
Why PreK/Earlycare?

Access to childcare is essential to families and communities.

- Well-being of children
- Community vitality (2015 *Urban Institute* report)
- (Re)entry to workforce for parents
- Attraction for in-migration.

Our prior research,

- “Colliding Worlds” (Education Policy, 2011)
- “Community-Aware” public policy (EPAA, 2016)
### Tables 7-9  Stepwise Random-effects GLS Regression Tables for Capacities

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1,912 Observations in 657 School Districts (groups), *** p ≤ .001, ** p ≤ .01, * p ≤ .05, ^ decile units

~Locale comparison group is Suburban Districts
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Early Care/PreK Takeaways

• Capacity to serve families varies by locale and wealth
  • Urban communities have more capacity
  • High-need rural areas have the least capacity
  • PreK capacity does not vary by student poverty
• Capacity is increasing over time
• Above and beyond enrollment...
  • Increasing minority enrollment is associated with Toddler and PreK capacity
  • Large cities have the greatest capacity
  • High-need rural communities have the least capacity for infants
• Above and beyond enrollment and locale...
  • Increased school district spending is associated with greater capacity
College Ready?

APM vs Free/Reduced-Price Lunch

Percentage Free/Reduced-Price Lunch
- 0% - 27%
- 28% - 46%
- 47% - 95%

Percentage APM
- 0% - 33%
- 34% - 43%
- 44% - 57%
- 58% - 89%

Source: Cornell University (CARD, NYS Center for Rural Schools), US Census Bureau (TIGER Files), NYS Dept. of Ed.
Projection Information: NAD_1983_StatePlane_New_York_Central_FIPS_3102_Feet

Generated by Eric R. Schultz
Date: 4.21.15

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College Readiness and Minority Enrollment

Percentage College Ready

Deciles of % Minority Enrollment

2011
2012
2013
2014
Let’s look closer.

- [http://NYEducationData.org](http://NYEducationData.org)
- Demographics
- Performance
- College Readiness
- Opioids?

In which region would you rather live?
Let’s look at a Typical Small City with A-Typical Leadership