



NIEER

NATIONAL INSTITUTE FOR EARLY EDUCATION RESEARCH

# Research Findings With Policy Implications to Improve Teaching

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## What do we know about effective teaching?

Teachers matter, but it is difficult to identify what matters or what teaching practices matter

Intentional teaching with individualization--small groups and one-on-one--produce much better outcomes for children -- we need to explain in detail what this means

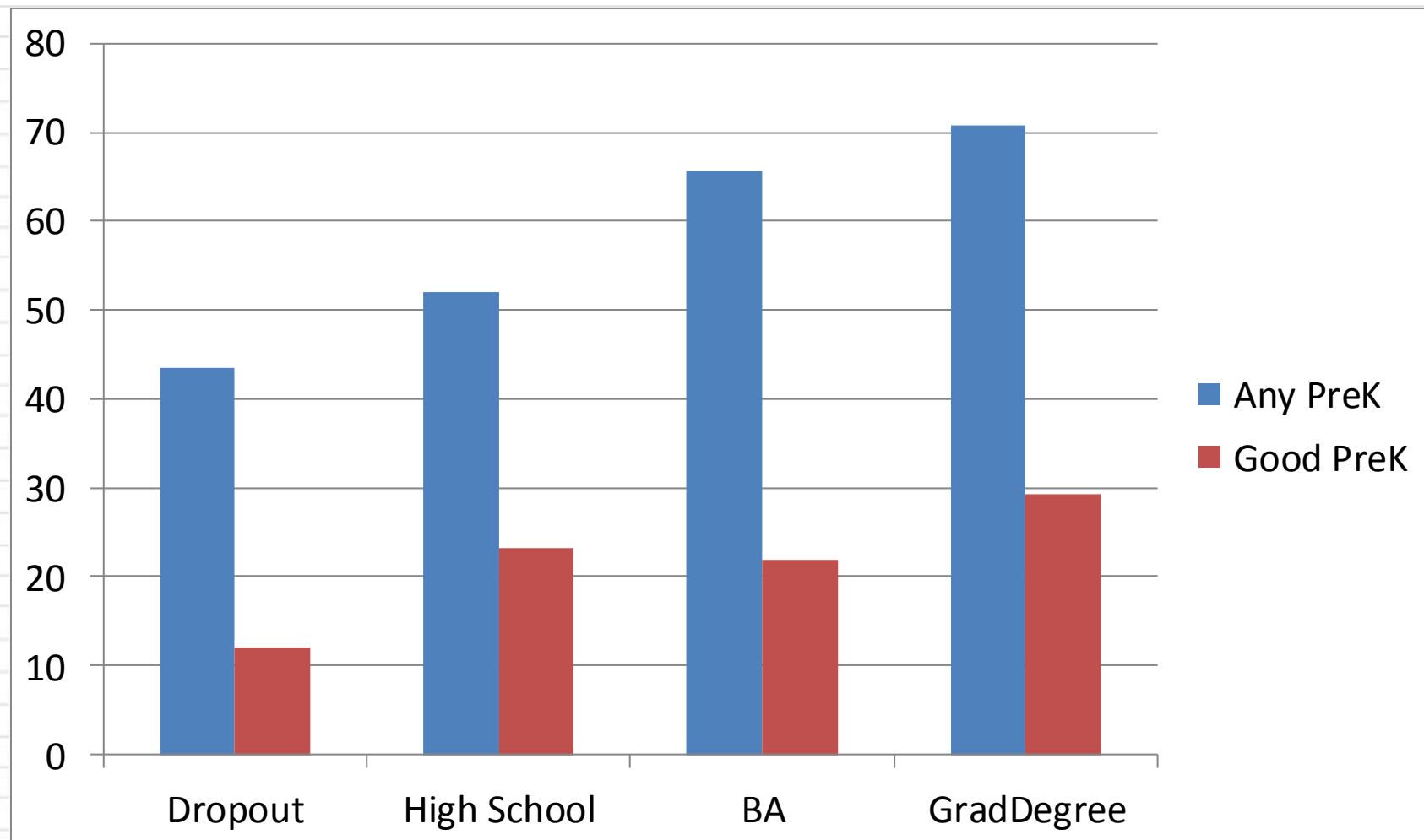
Teaching is improved by planning and reflection that includes feedback on from expert coaches or supervisors

Most teaching in preschool programs is not highly effective

Effective teaching is *not* just about teachers



## Good Preschool is the Exception Regardless of Parental Education (ECLS-B)





## Teaching should be measured in multiple ways and responds to multiple policies

- Randomized trial of class size reduction in Chicago Public Schools: Jessica Francis
  - Children's test scores improve with smaller class size even though there is no change in ECERS-R and CLASS
- Preschool suspensions and expulsions from public school pre-K: Min Youn
  - lower in states that meet more of the 10 benchmarks
  - lower when teachers are required to have a BA
- Preschool workforce(s)



## EARLY CHILDHOOD WORKFORCES (also K-3, infant toddler)

	Head Start	Public Pre-K	Private
Number	44,973	65,000+	115,000?
Salary	\$29,650	\$40,000	\$25,000
Health ins.	91%	92%	50%
Retirement	76%	80%	33%
%at least AA	93%	93%	65%
%at least BA	62%	87%	47%
EC Major	63%	53%	51%
Licensed	41%	76%	28%
Experience	11 years	12 years	11 years



## CURRICULUM

	Head Start	Public Pre-K	Private
None	2%	7%	11%
Local	11%	18%	41%
Purchased	87%	75%	48%



## LESSON PLANNING and FEEDBACK

Sector	Head Start	Public Pre-K	Private
Daily	11%	26%	15%
Weekly	83%	66%	60%
Less or never	6%	8%	25%
Informal Obs.	94%	85%	75%



## ACTIVITIES: DAILY or NEARLY EVERYDAY

Sector	Head Start	Public Pre-K	Private
Blocks	97%	94%	92%
Free play	97%	96%	93%
Explore sci.	81%	68%	64%
Ability groups	57%	48%	51%
Flash cards	40%	35%	51%
Worksheets	6%	7%	21%
<30m WGI	57%	46%	40%