



KWIC Data and CAC Cost Estimation Model: How does it work?

ECAC Membership Meeting
June 12, 2014



Cost Model Overview

- ECAC Finance Work Group
- Built using the four ECAC priority areas:
 - ✓ Early Learning
 - ✓ Healthy Children
 - ✓ Infrastructure and Governance
 - ✓ Strong Families
- Added – Home Visiting



Cost Model Overview

The Cost Model:

- Provides “base” fiscal information on programs and services
- Allows the user to increase and decrease population
- Provides a starting point for developing a fiscal analysis



Focus: Early Learning Priority – Universal Prekindergarten

- KWIC Data by Categories:
 - ✓ Region
 - ✓ County
 - ✓ School District
 - ✓ School
- KWIC Data:
 - ✓ Total number of four year olds
 - ✓ Total number of prekindergarten enrollment



ECAC Cost Estimation Model

- Estimate cost by:
 - ✓ Total number of four year olds
 - ✓ Total number of prekindergarten enrollment
 - ✓ Cost of Quality



KWIC Data by Category: Region and County

Counties within Capital Region

(by NYS Regents State Aid Proposal)

Albany	Saratoga
Columbia	Schenectady
Green	Warren
Rensselaer	Washington



KWIC Data by Category: School Districts within a County

School Districts within Albany County

Albany City SD	Menands Union Free SD
Bern-Knox Westerlo CSD	North Colonie CSD
Bethlehem CSD	Green Island Union Free SD
Ravena-Coeymans-Selkirk CSD	Guilderland CSD
Cohoes City SD	Voorheesville CSD
South Colonie CSD	Watervliet City SD



ECAC Cost Model Resources

- New York State Early Childhood Cost Estimation Model Technical Manual
- New York Early Childhood Return on Investment Methodology and Technical Manual
- New York Early Childhood Cost of Quality Methodology
- A look at the New York State's Early Childhood Cost Estimation Model Briefs for
 - ✓ Investing in Early Childhood;
 - ✓ New York's Early Childhood Home Visiting Programs;
 - ✓ New York Early Childhood Return on Investment



KWIC Data: By Capital Region

- Total number of four year olds
- Prekindergarten Enrollment

Region	Total # 4-Year Olds	Prekindergarten Enrollment
Capital District	11,833	2,741



KWIC Data: By County

- Total number of four year olds
- Prekindergarten Enrollment

Region	County	Total # 4-Year Olds	Prekindergarten Enrollment
Capital Region	Albany County	3,108	1,029
Capital Region	Saratoga County	2,598	491
Capital Region	Warren	662	109



KWIC Data: By School District

- Total number of four year olds
- Prekindergarten Enrollment

Region	County	School District	Total # 4-Year Olds	Prekindergarten Enrollment
Capital	Albany	Albany City SD	1,001	591
Capital	Saratoga	Saratoga Springs City SD	494	128
Capital	Warren	Lake George CSD	53	0



Cost Model Demonstration