

# Senate Education: VT Snapshot of Selected Achievement Gaps

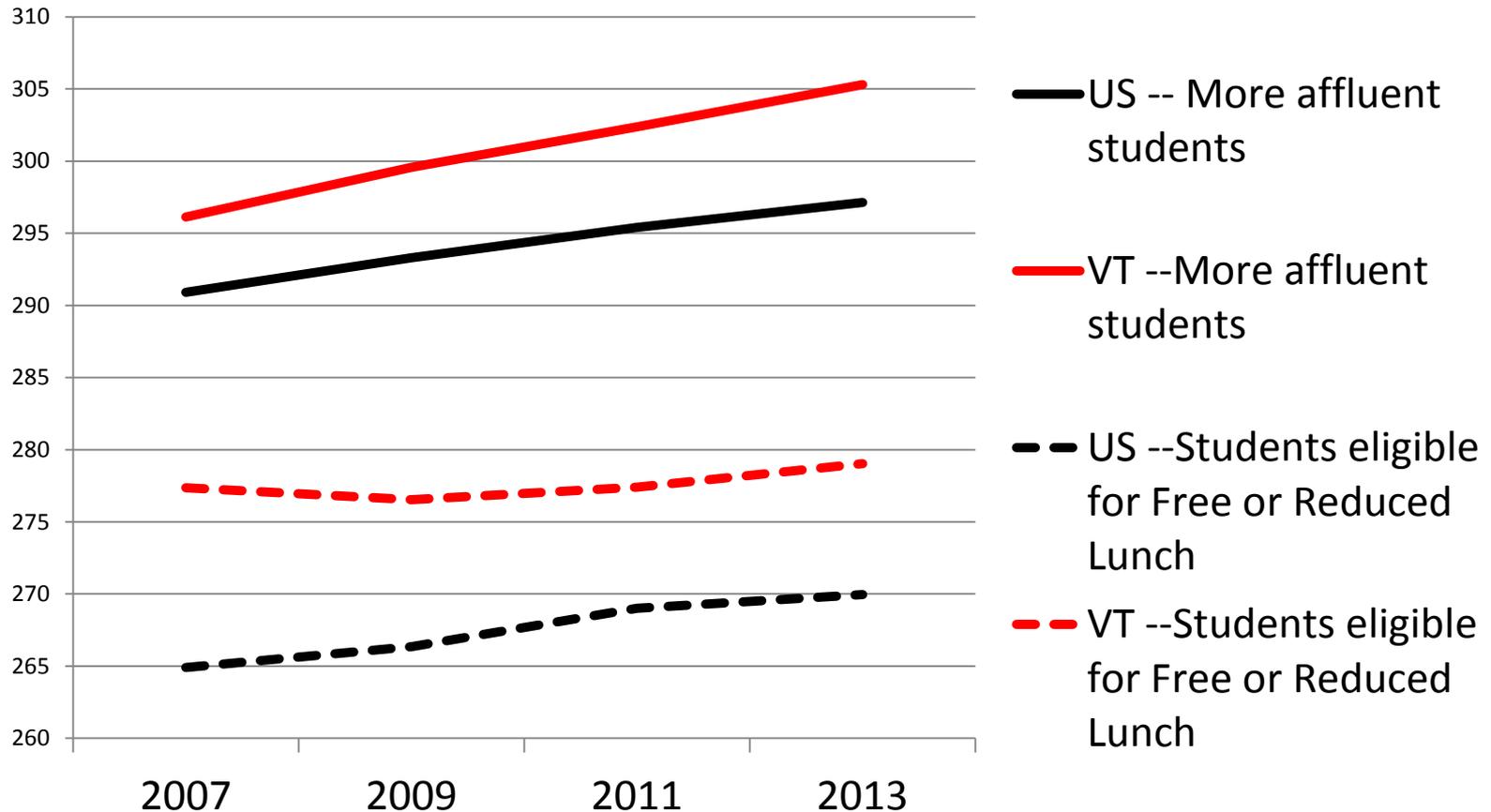
Rebecca Holcombe  
February 13, 2015

# Gap Analysis

- What are our gaps?
- Why do we have them?
- How could we narrow them?

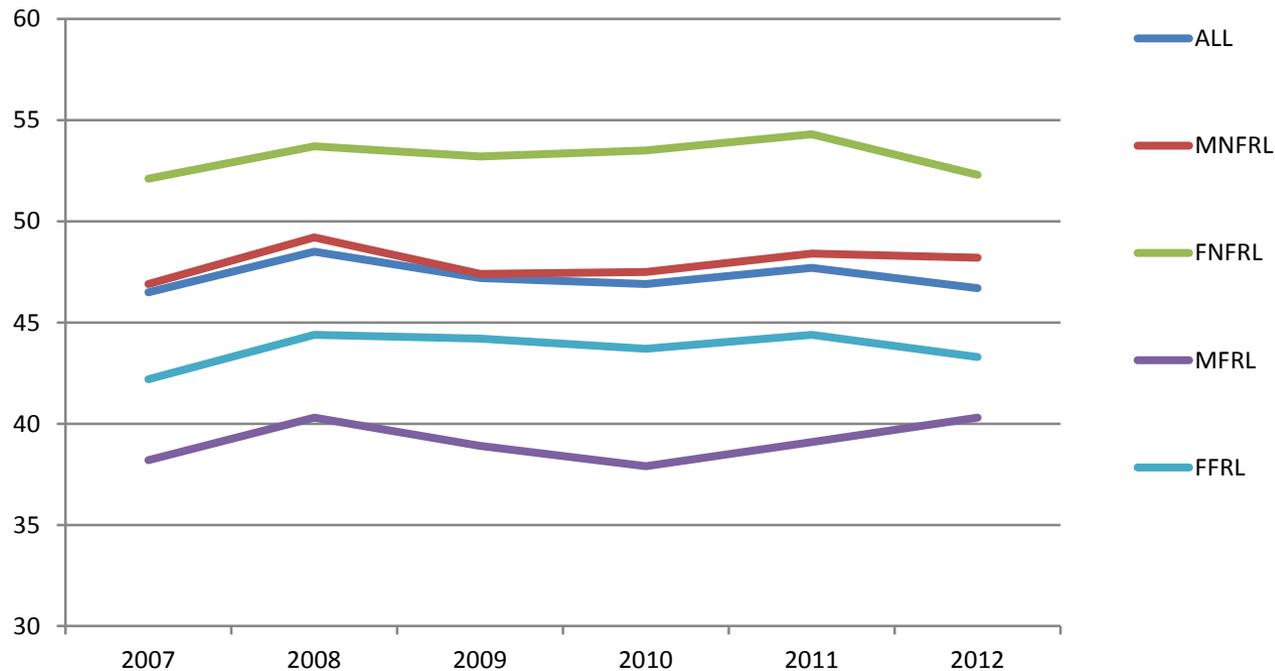


# Leading Indicator: Test Scores for Economically Disadvantaged and More Advantaged Children



# Leading Indicator: NECAP Reading Scores and the Interaction of Poverty and Gender

NECAP Grade 7 Reading Results by Gender and Family Income

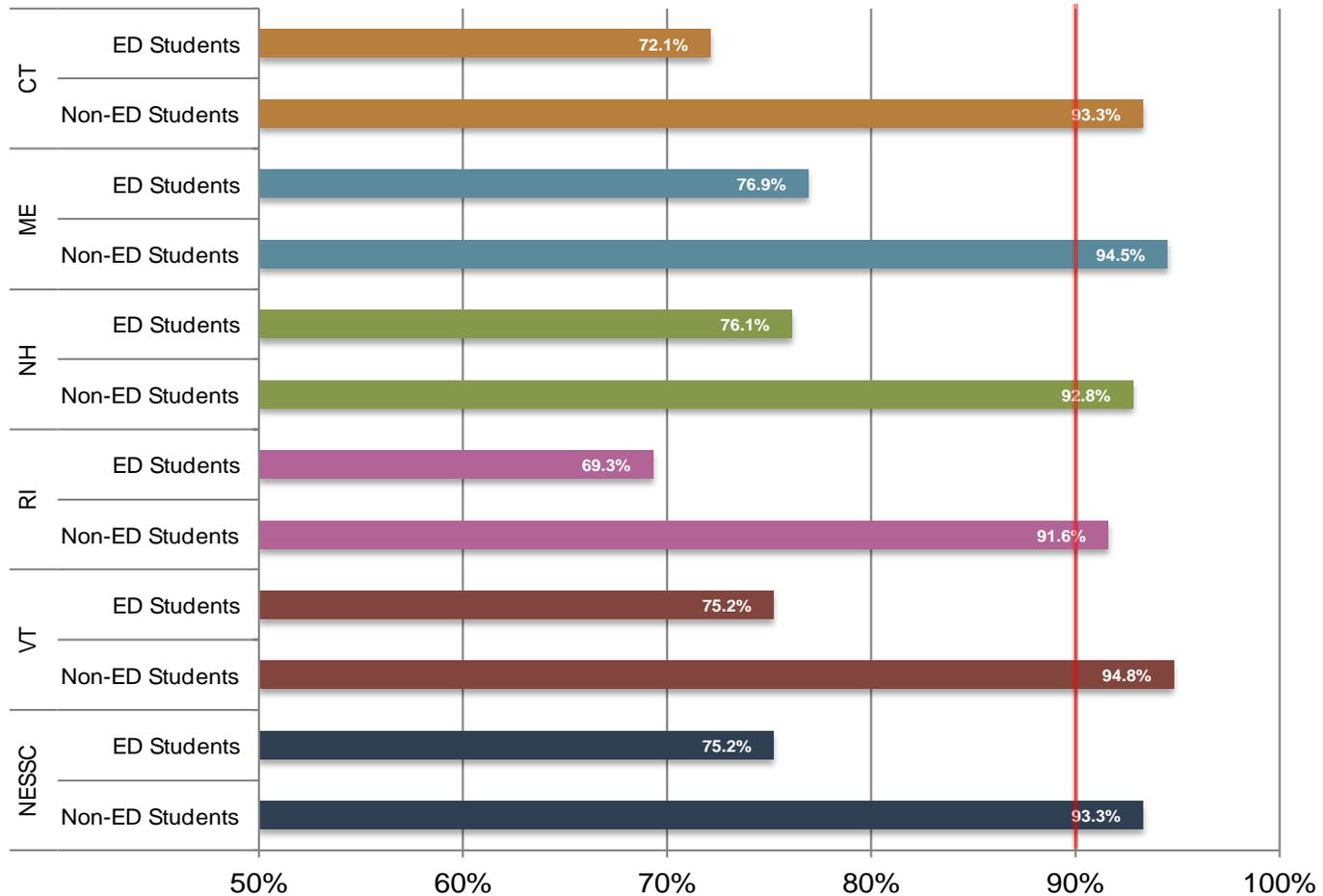


Poverty and Gender:  
To improve equity in outcomes, we  
need to look at the interaction of  
poverty and gender (and race)

All = All Assessed Students  
MNFRL = Male Not Free/Reduced Lunch  
FNFRL = Female Not Free/Reduced Lunch  
MFRL = Male Free/Reduced Lunch  
FFRL = Female Free/Reduced Lunch

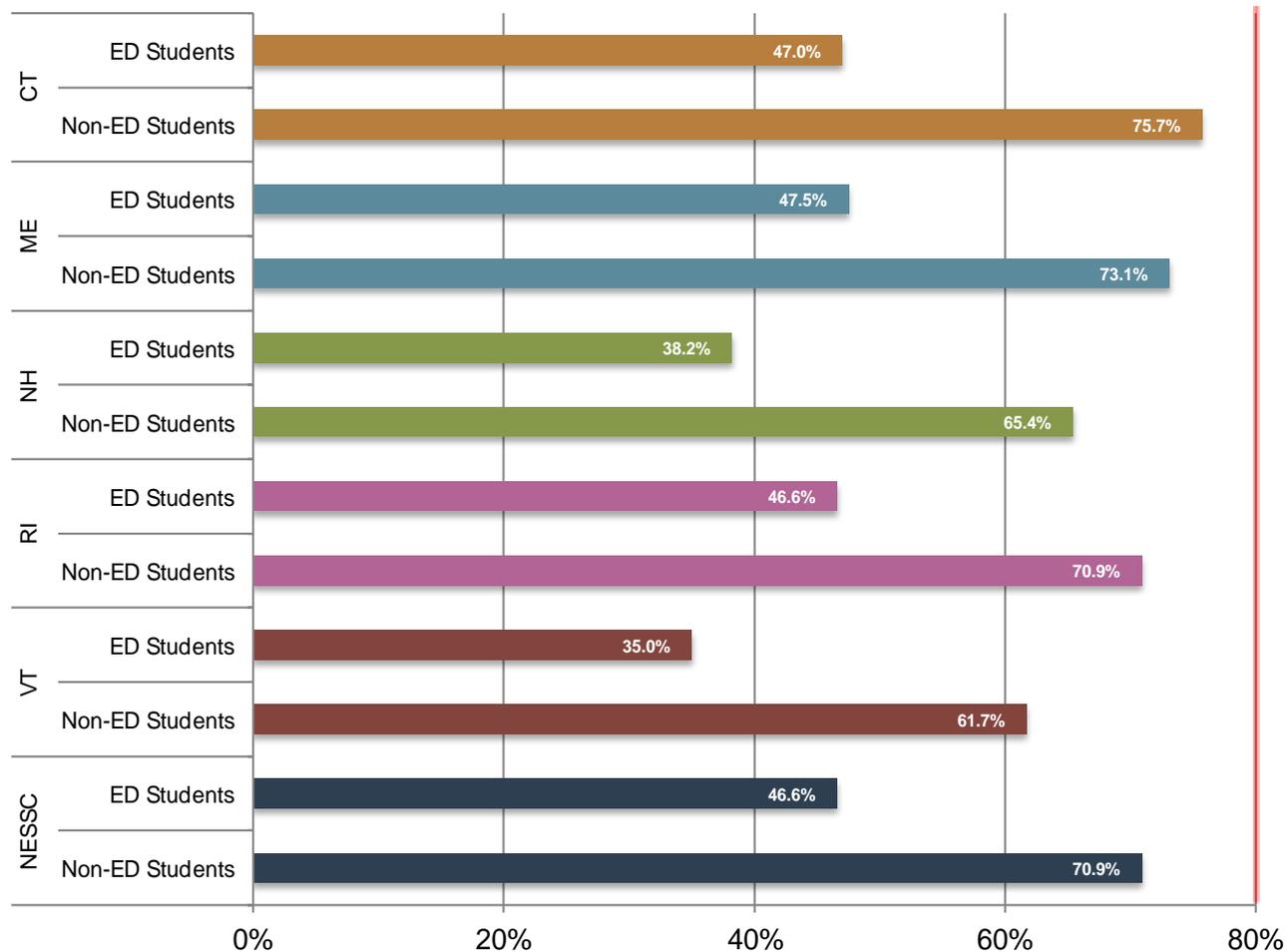
# Leading Indicator: Graduation Rates for Economically Disadvantaged and More Advantaged Children

2013 Graduation Rates: Economically Disadvantaged Students



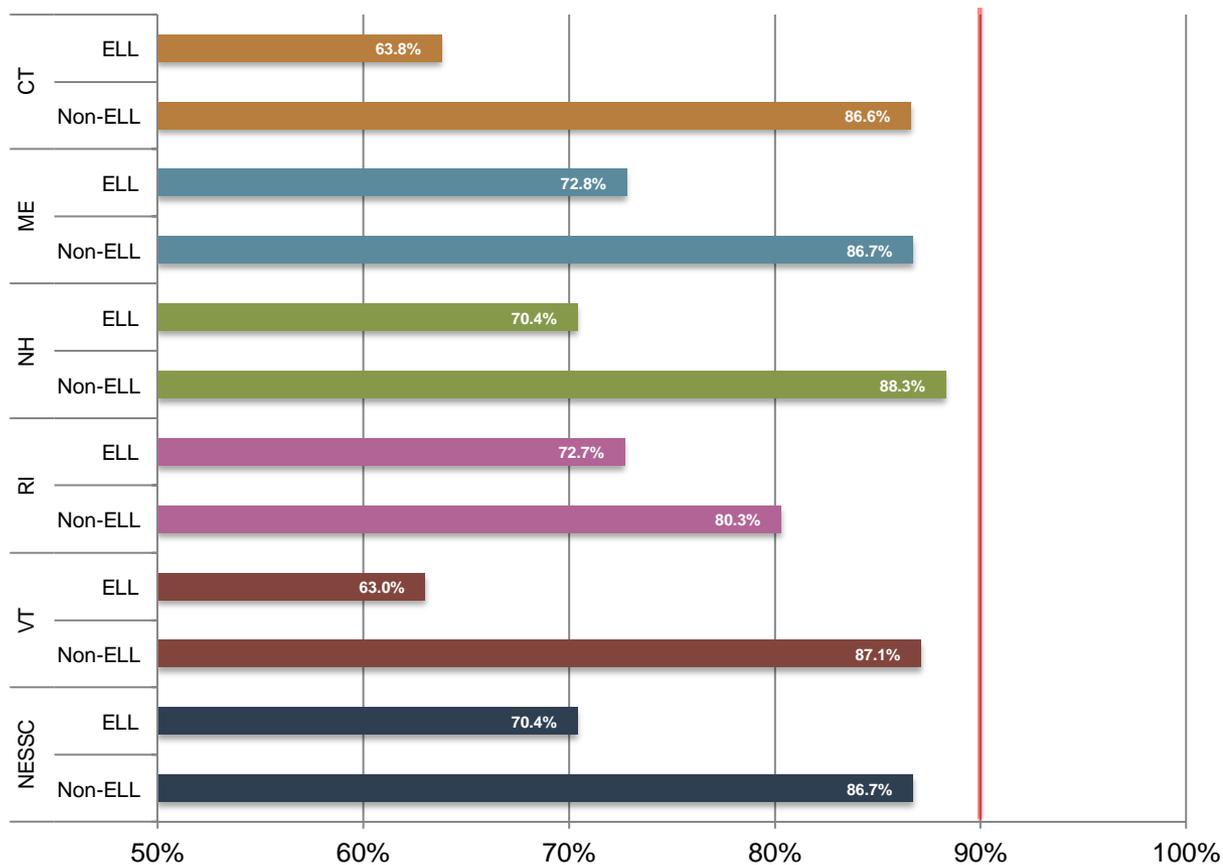
# Lagging Indicator: College Enrollment for Economically Disadvantaged / Advantaged Children

2013 College Enrollment: Economically Disadvantaged Students

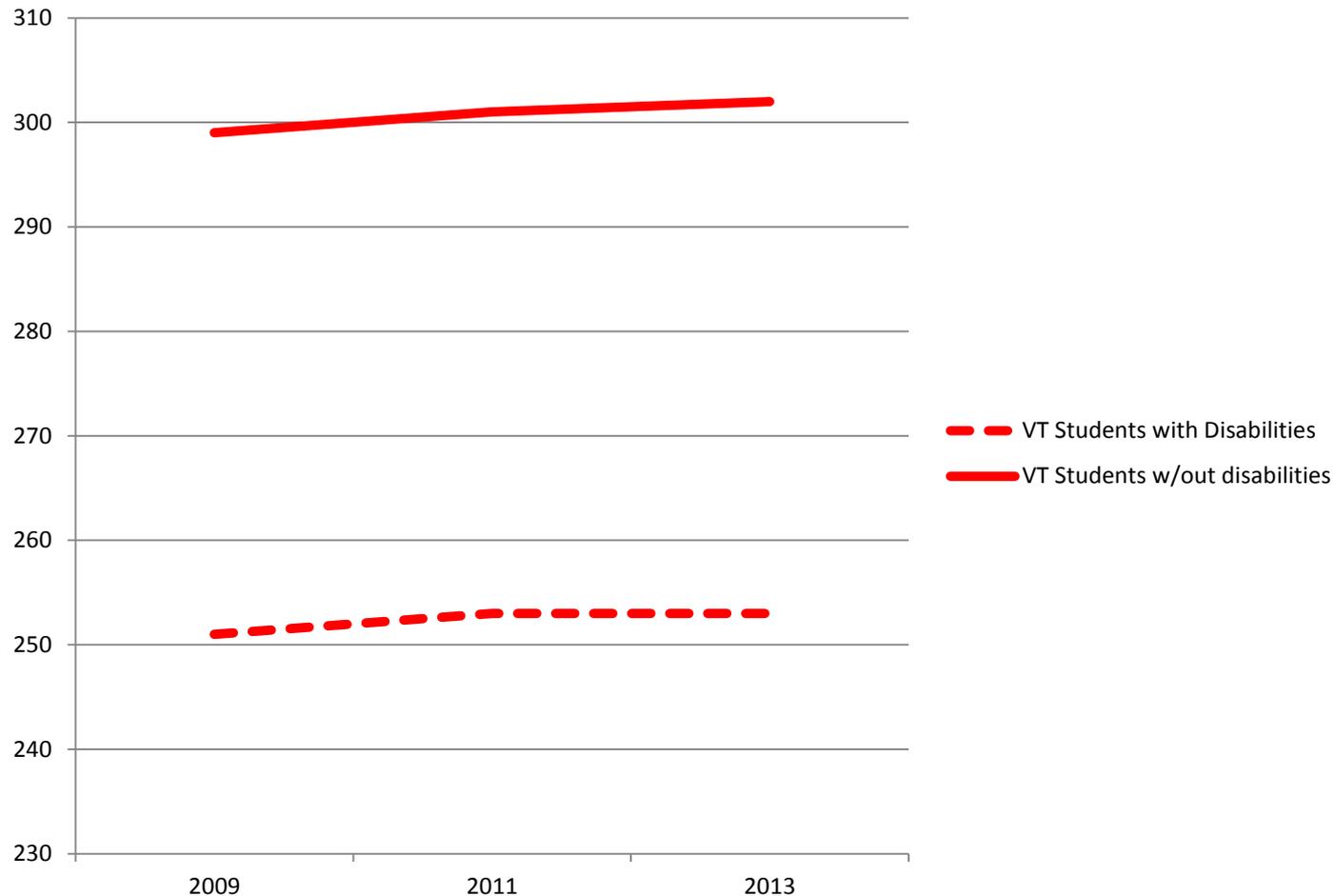


# Leading Indicator: Graduation Rates for English Language Learners / Non-ELLs

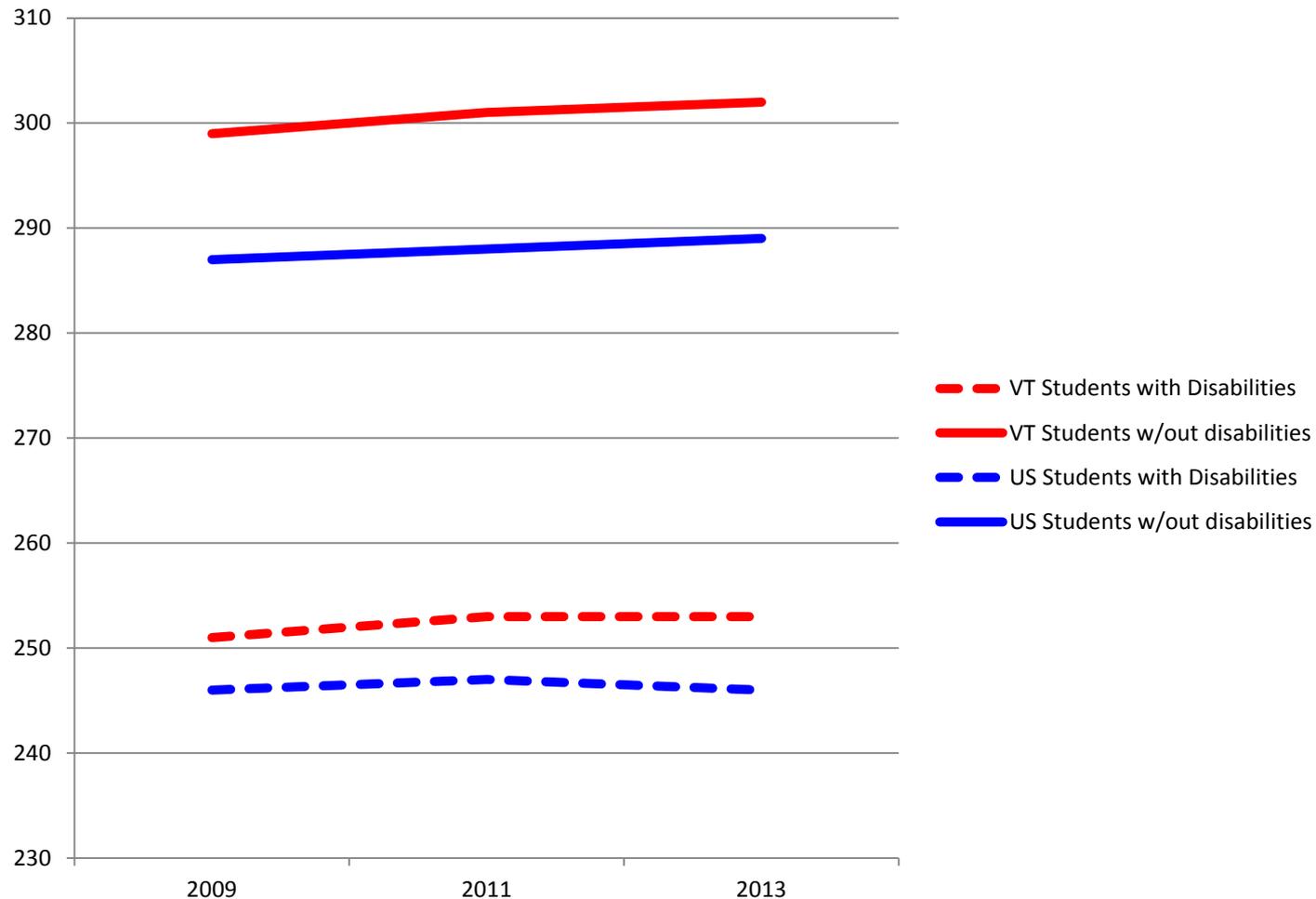
2013 Graduation Rates: English-Language Learners



# Leading Indicator: Test Scores for VT Students with Disabilities /Students Without Disabilities



# Leading Indicator: Test Scores for VT vs. US Students with Disabilities

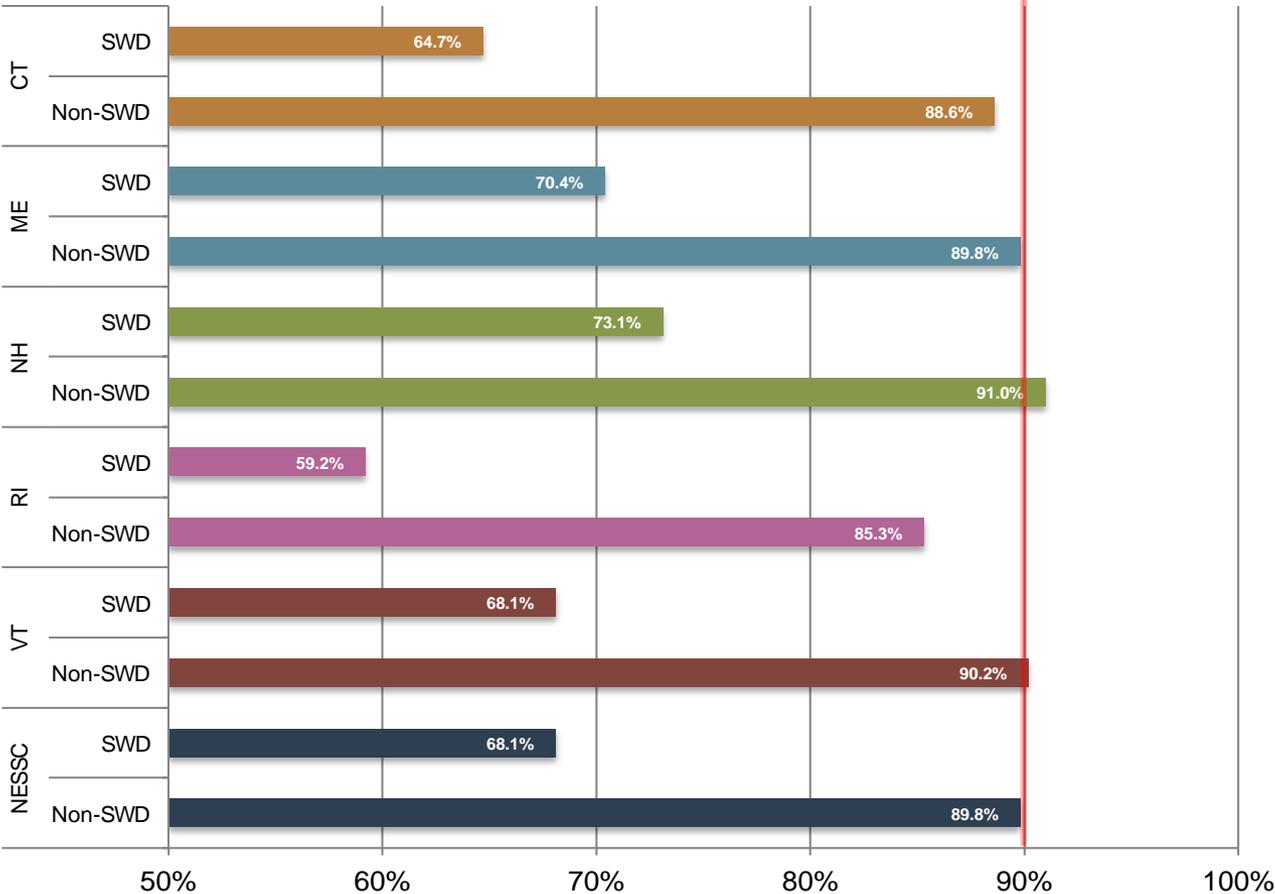


# Leading Indicator: Test Scores for VT vs. MA Students with Disabilities



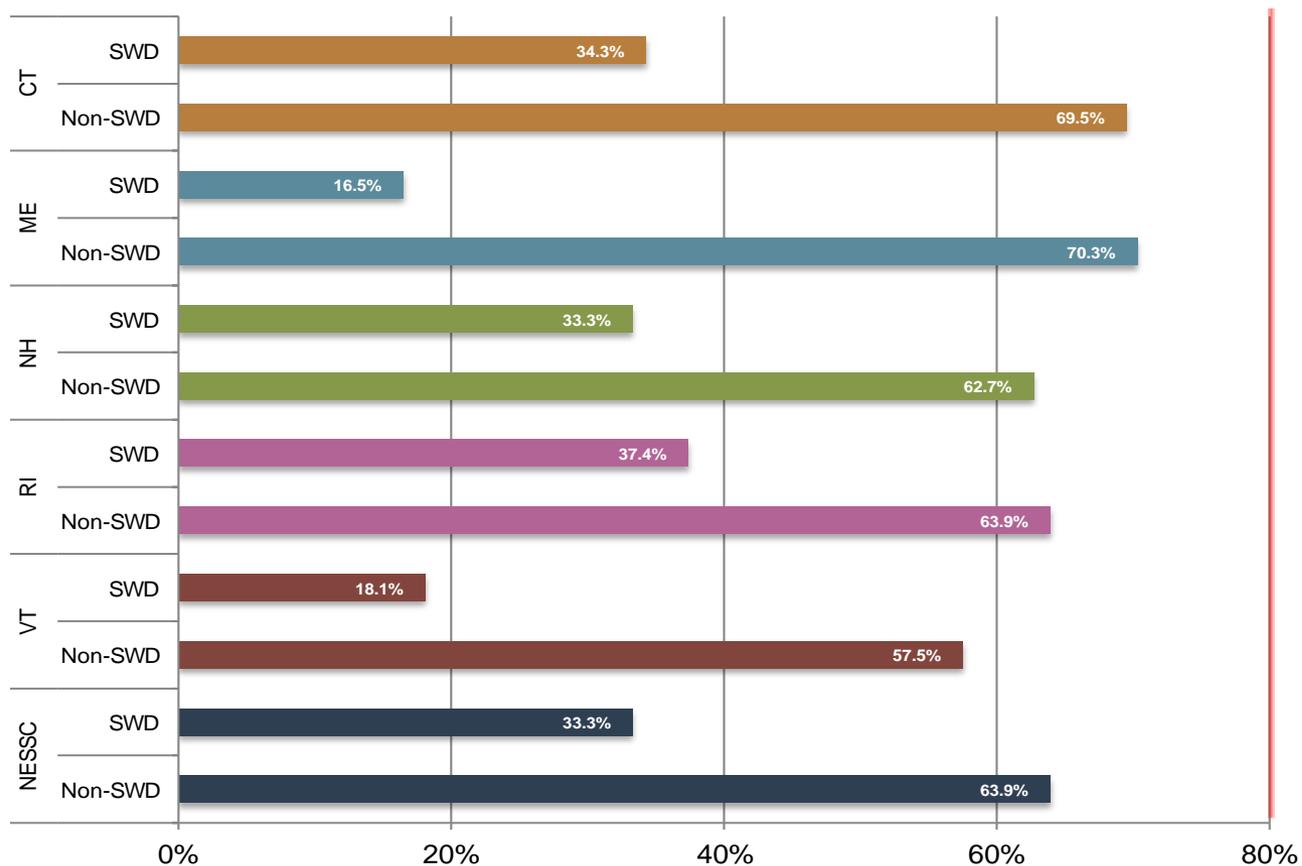
# Leading Indicator: Graduation Rates for Students With and Without Disabilities

2013 Graduation Rates: Students with Disabilities



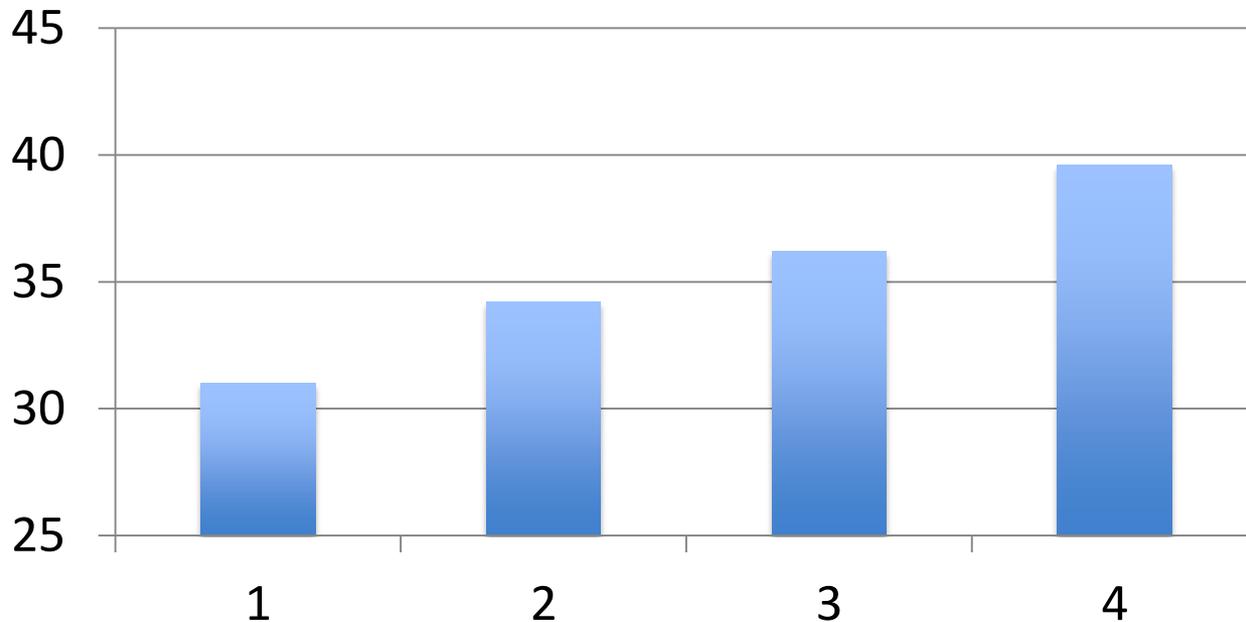
# Lagging Indicator: College Enrollment for Students With and Without Disabilities

2013 College Enrollment: Students with Disabilities

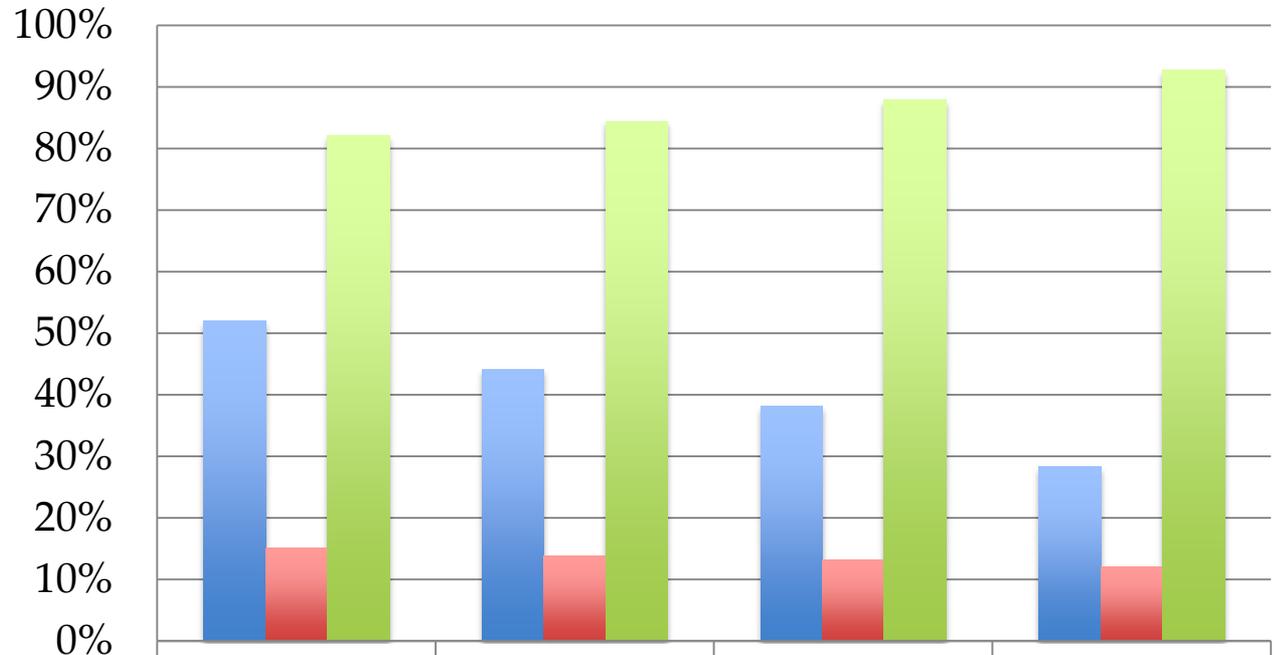


# Average HS Math NECAP score associated with each quartile of schools

**Average Math Scale Score Associated With Each Quartile of HS Math Mean Scores**

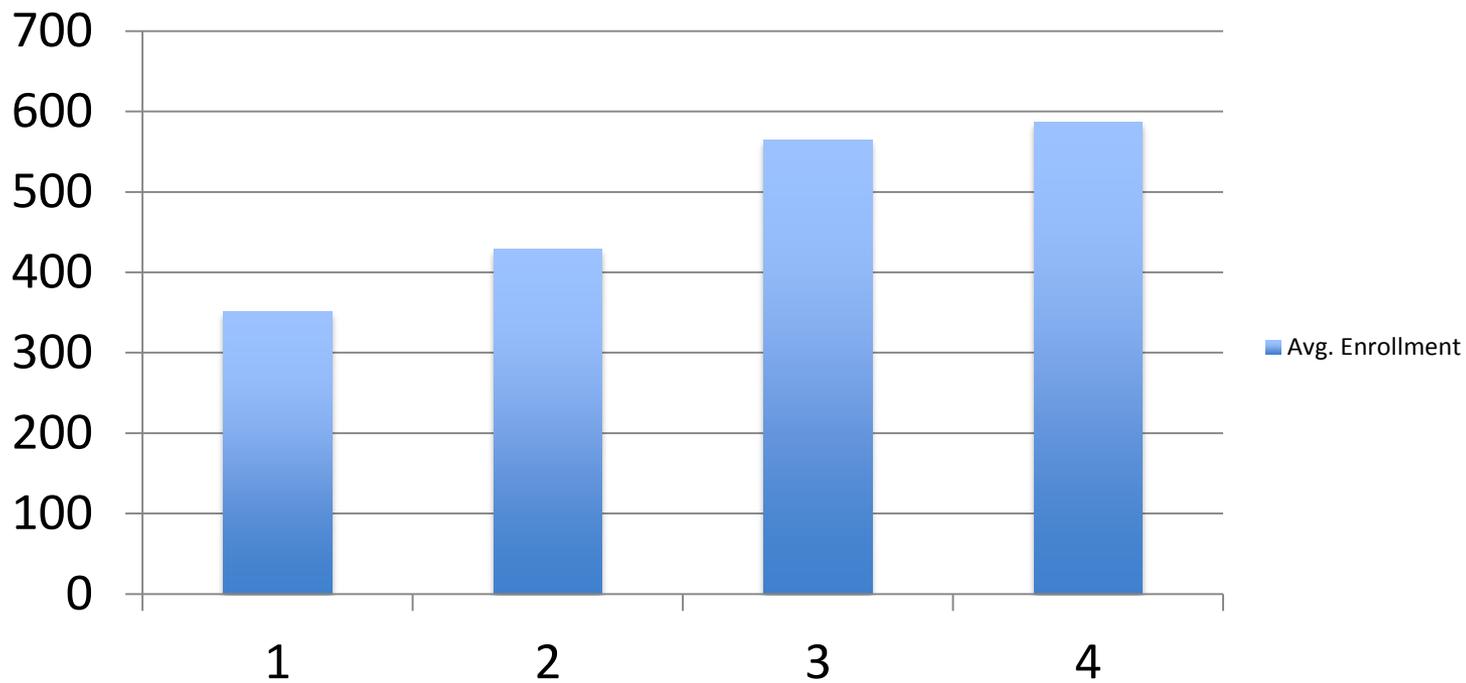


# School Characteristics by Quartile of HS Math NECAP Scores

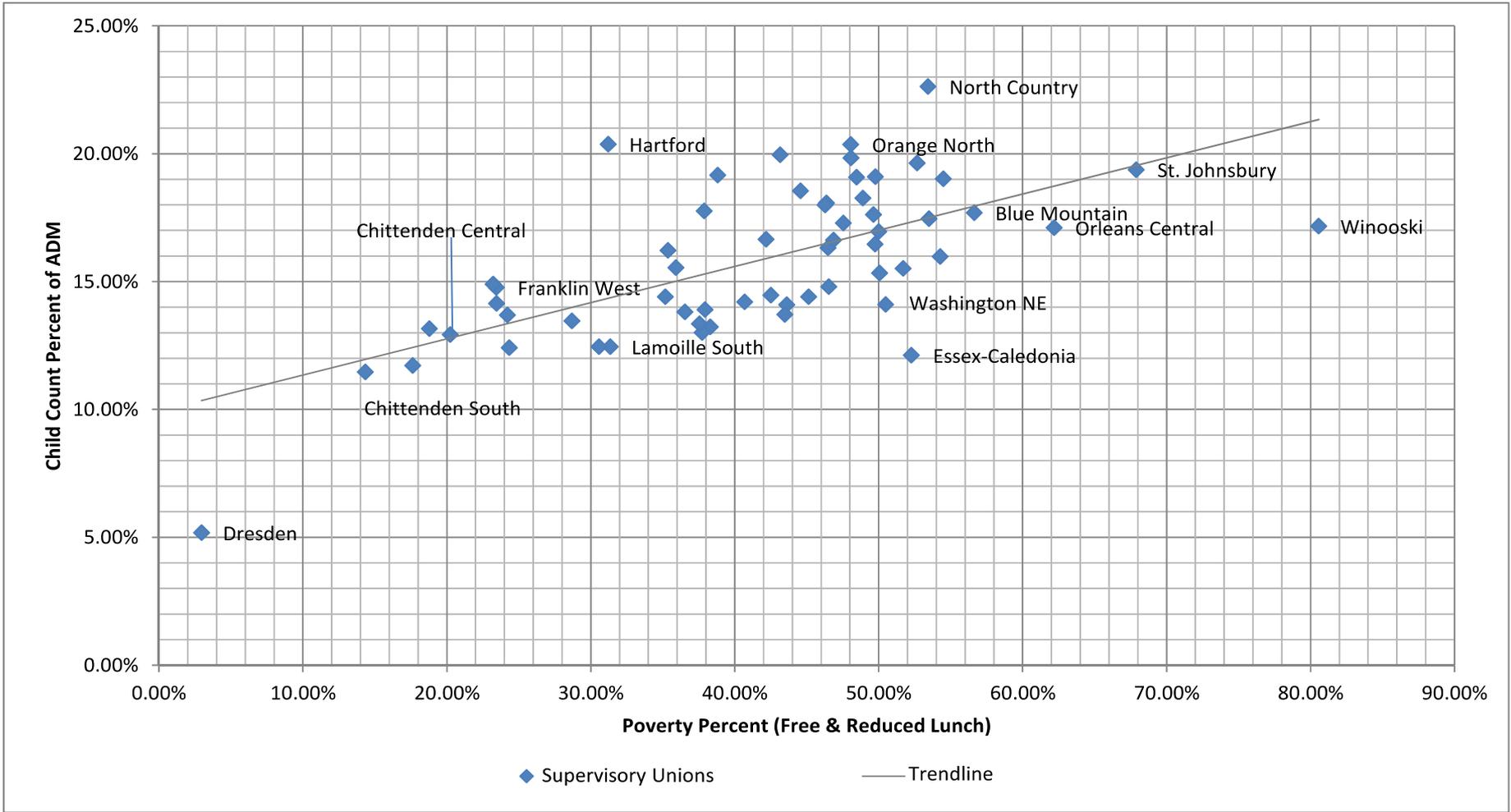


	1	2	3	4
■ Avg. % FRL	52%	44%	38%	28%
■ Avg. % SPED	15%	14%	13%	12%
■ Grad Rate	82.12%	84.46%	87.87%	92.69%

## Avg. Enrollment by Quartile of Math NECAP Scores



# Vermont Child Count December 1, 2013 Poverty Percent



Correlation Coefficient for Child Count % and Poverty %: 0.647

Poverty % Range for Child Count: 2.96% to 80.57%

Poverty % Mean: 41.42%

# Current VT Patterns:

1. The highest scoring schools have the lowest mean %FRL.
2. The highest scoring schools serve fewer students identified with disabilities.
3. Students who test well are more likely to graduate.
4. The highest scoring schools, on average, are larger.

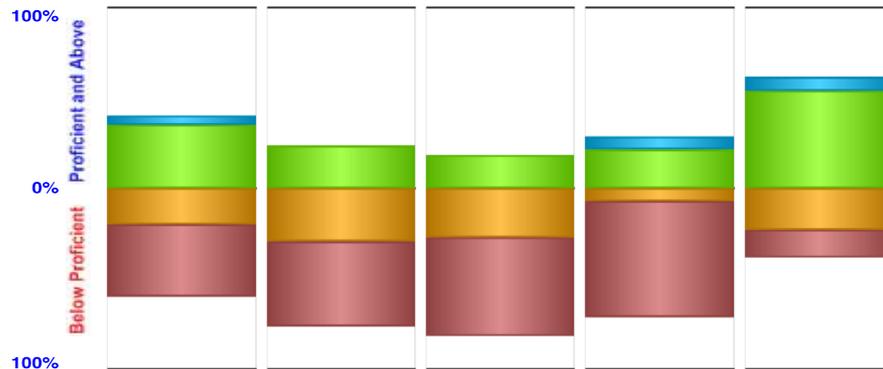
# Appendices

# Why we don't like to use "percent proficient" to talk about school performance:



## NECAP Assessment Report

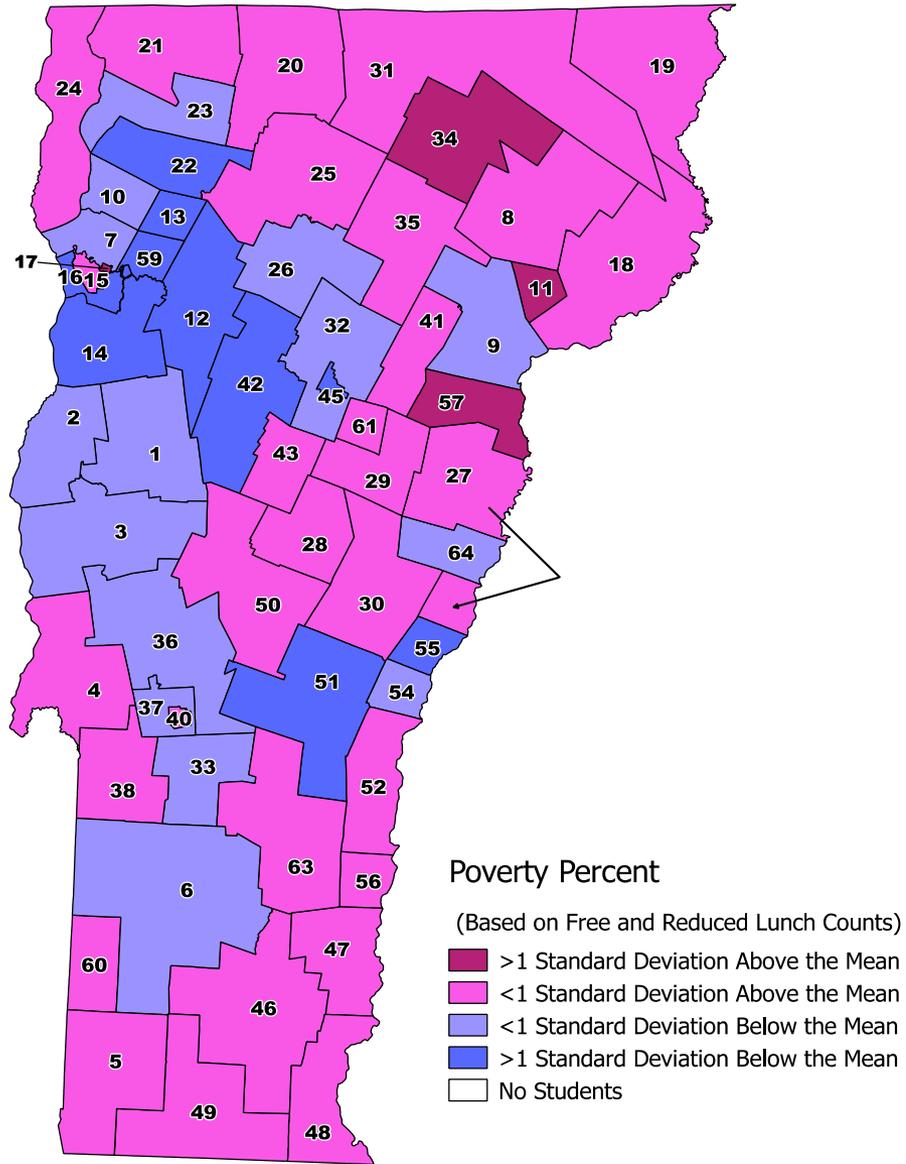
<b>Organization:</b>	Craftsbury Schools
<b>Teaching Year:</b>	2012-2013
<b>Test/Subject:</b>	NECAP Math Grade 11
<b>Breakdown:</b>	Across all the grades tested, how did our students do?
<b>Comparison:</b>	Over Time?



	2009	2010	2011	2012	2013
	All Students				
Number of Students Tested	20	17	11	14	13
Proficient With Distinction	5 %	0 %	0 %	7 %	8 %
Proficient	35 %	24 %	18 %	21 %	54 %
Partially Proficient	20 %	29 %	27 %	7 %	23 %
Substantially Below Proficient	40 %	47 %	55 %	64 %	15 %
<b>Total Proficient and Above</b>	<b>40 %</b>	<b>24 %</b>	<b>18 %</b>	<b>29 %</b>	<b>62 %</b>
<b>Total Below Proficient</b>	<b>60 %</b>	<b>76 %</b>	<b>82 %</b>	<b>71 %</b>	<b>38 %</b>
Average Scaled Score	35.7	31.9	33.1	34.9	41.5



# Poverty Percent by SU (FY14)



## Active SPED Students as Percent of ADM (FY14)

