

Achievement and Accountability Workgroup

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April 10, 2012

Revised Index Prototype

Proficiency:
% of students meeting state standards

All Students

Opportunity Gaps

Growth:
Student Growth Percentiles (SGP)

All Students

Opportunity Gaps

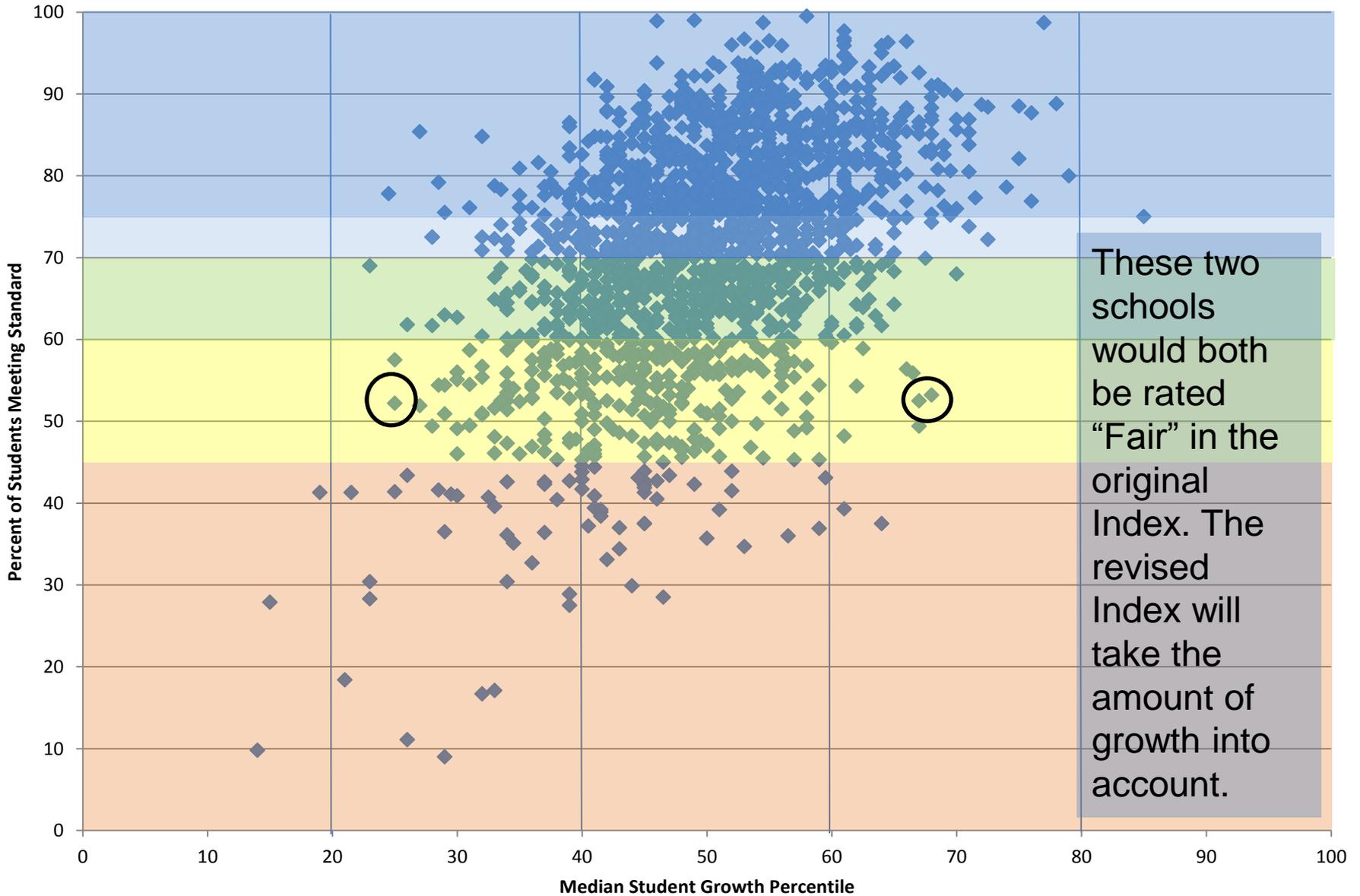
Career and College Readiness:
Graduation Rates, 11th Grade Assessments, Dual Credit / Industry Certification

All Students

Opportunity Gaps

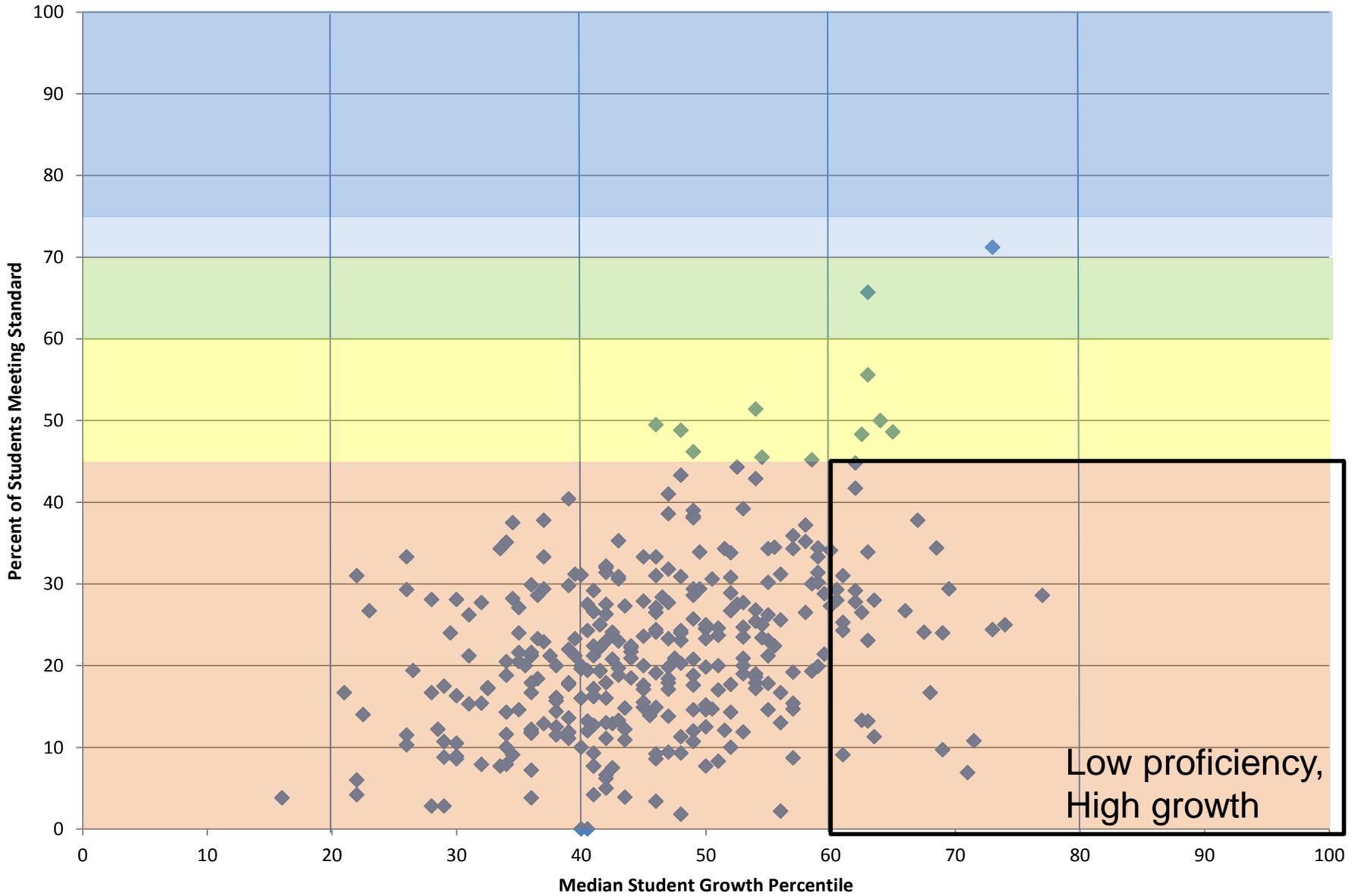
Growth Overview – Washington Data

All - Reading Proficiency and Growth



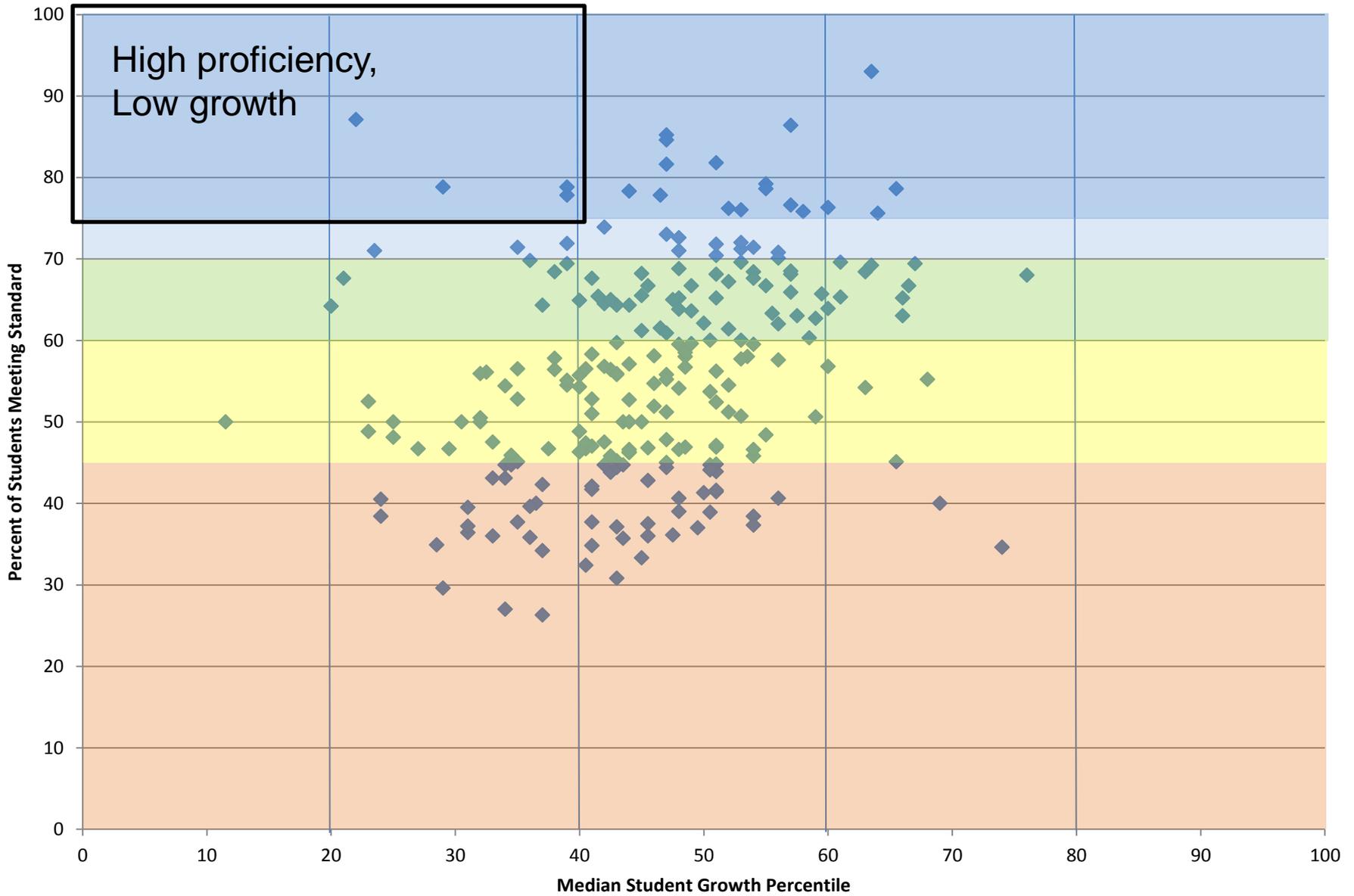
These two schools would both be rated "Fair" in the original Index. The revised Index will take the amount of growth into account.

ELL - Reading Proficiency and Growth



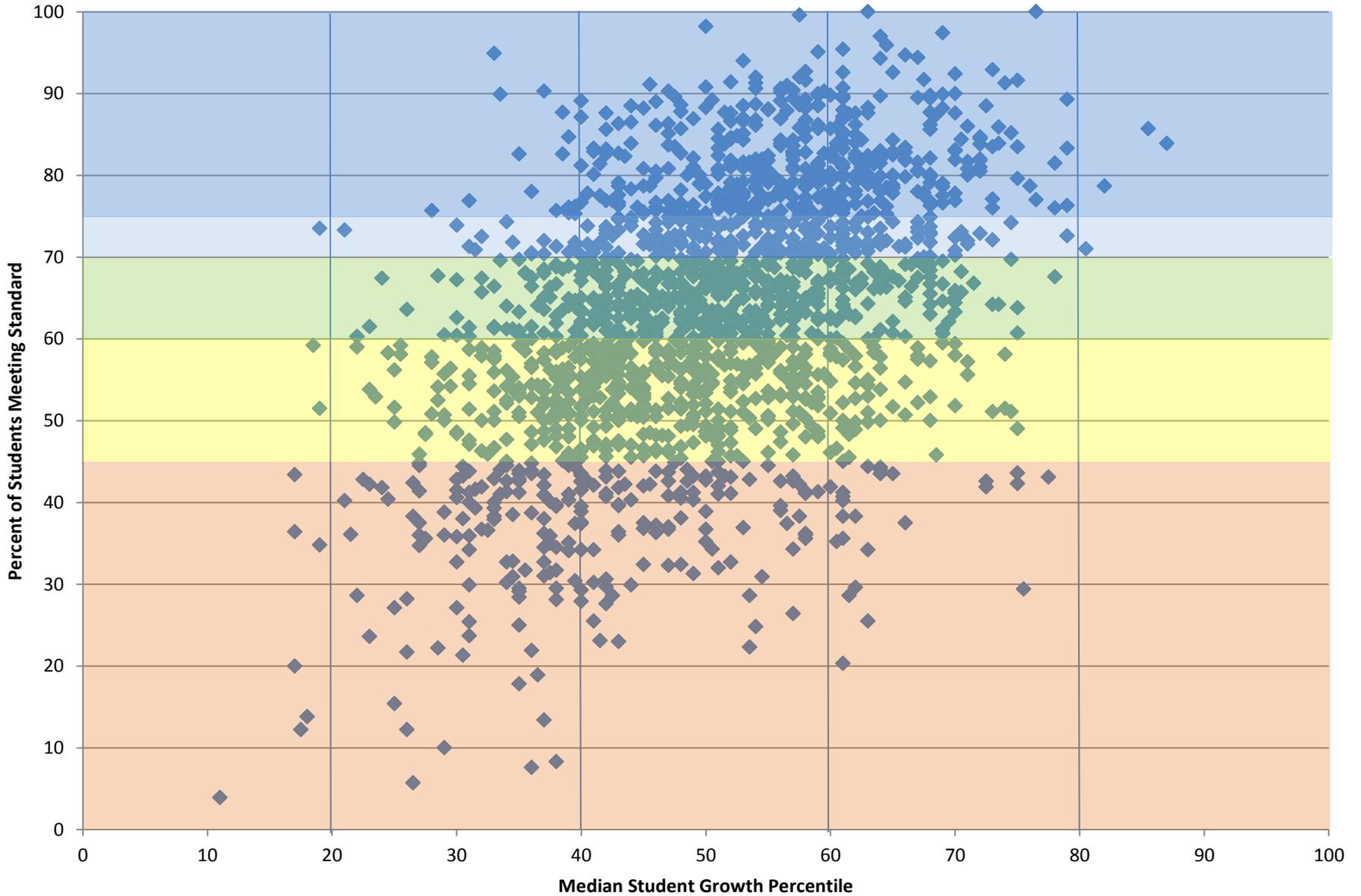
Low proficiency,
High growth

Black - Reading Proficiency and Growth

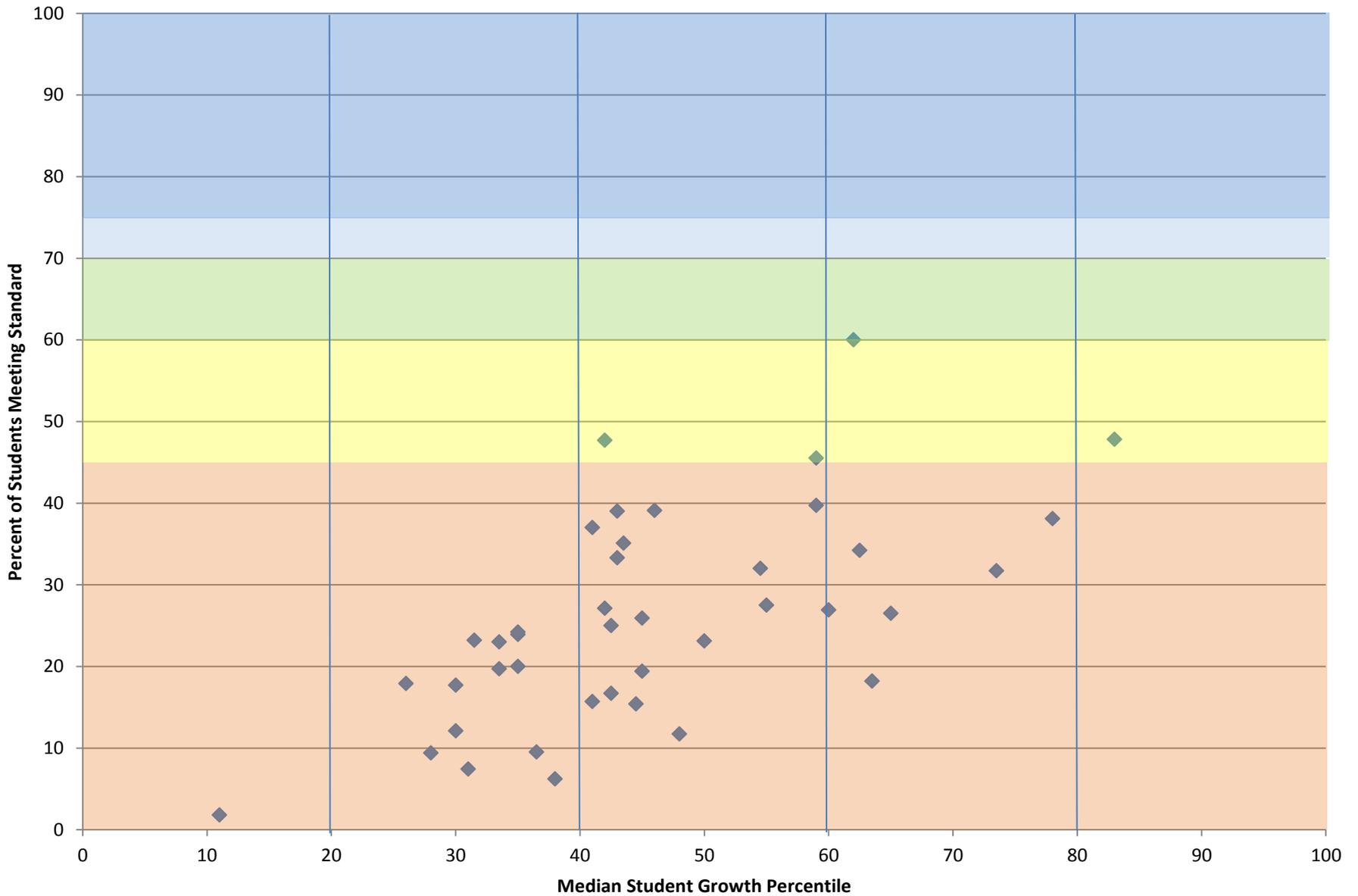


High proficiency,
Low growth

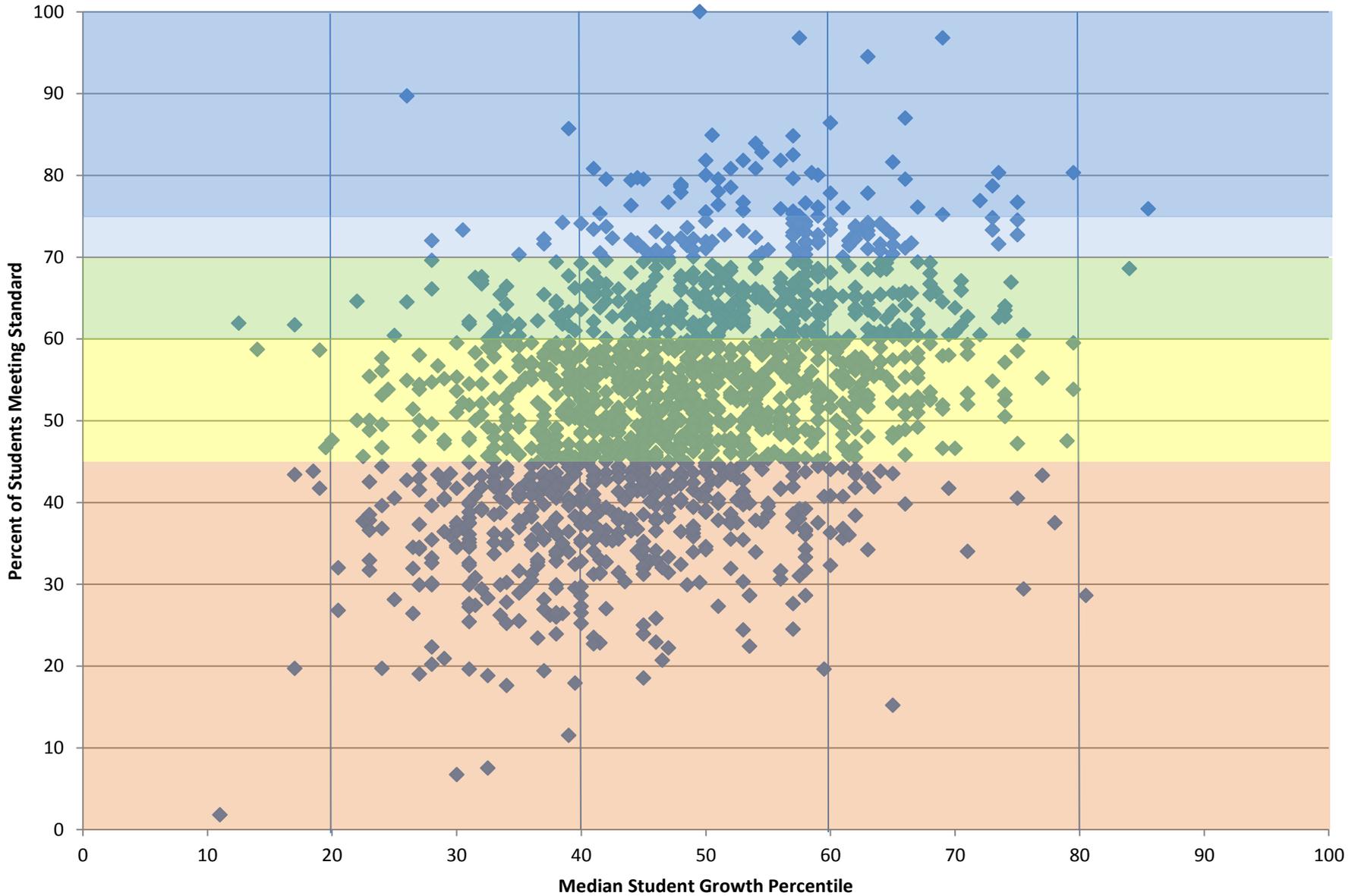
All - Math Proficiency and Growth



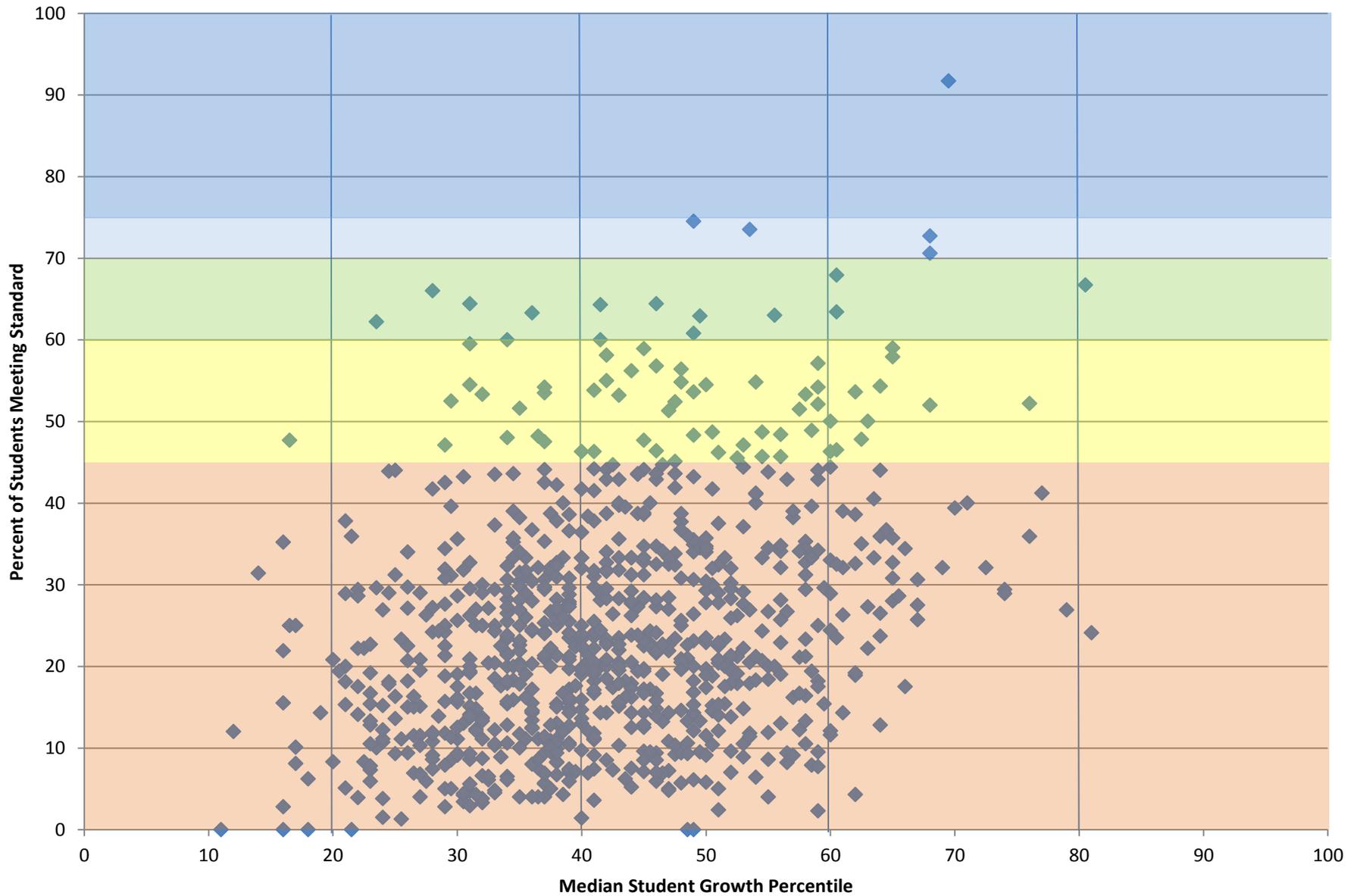
American Indian and Alaska Native - Math Proficiency and Growth



Low Income - Math Proficiency and Growth



Special Education - Math Proficiency and Growth



Draft Index Scoring System

% Met Standard	Grad Rate	Median SGP	Index Score
90-100	95-100	90-100	10
80-89.9	90-94.9	80-89.9	9
70-79.9	85-89.9	70-79.9	8
60-69.9	80-84.9	60-69.9	7
50-59.9	75-79.9	50-59.9	6
40-49.9	70-74.9	40-49.9	5
30-39.9	65-69.9	30-39.9	4
20-29.9	60-64.9	20-29.9	3
10-19.9	55-59.9	10-19.9	2
1-9.9	<55	1-9.9	1

Overall Index Draft

		Reading	Writing	Math	Science	Average
Proficiency	All Students	6.8	7.1	6.7	5.4	6.5
	Opportunity Gaps	5.0	5.2	4.8	3.9	4.9

		Reading	Math	Average
Growth	All Students	6.1	4.7	5.4
	Opportunity Gaps	5.0	5.0	5.0

		Grad Rates	Dual/Ind Cert	11th Grade Assessments	CCR Overall
College and Career Readiness	All Students	7.8			7.8
	Opportunity Gaps	6.5			6.5

Overall Index Rating	6.01
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Proficiency Detail - % Met Standard

Proficiency					
Student Groups	Reading	Writing	Math	Science	Average
All	67.8	70.8	67.3	53.9	64.95
Asian					
White	71.3	72.7	70.7	56.3	67.75
American Indian/Alaska Native					
Pacific Islander/Native Hawaiian					
Black/African American					
Hispanic	70	71.4	65		68.80
Two or more Races	69.6	73.9	60.9	56.5	65.23
Limited English	4.8	9.5	19	9.5	10.70
Special Education	40	38.6	31.7	38.3	37.15
Low Income	64.4	66.5	62	51.5	61.10
Opportunity Gaps	49.76	51.98	47.72	38.95	48.60

Proficiency Detail - Ratings

Proficiency					
Student Groups	Reading	Writing	Math	Science	Average
All	6.8	7.1	6.7	5.4	6.5
Asian					
White	7.1	7.3	7.1	5.6	6.8
American Indian/Alaska Native					
Pacific Islander/Native Hawaiian					
Black/African American					
Hispanic	7.0	7.1	6.5	NA	6.9
Two or more Races	7.0	7.4	6.1	5.7	6.6
Limited English	0.5	1.0	1.9	1.0	1.1
Special Education	4.0	3.9	3.2	3.8	3.7
Low Income	6.4	6.7	6.2	5.2	6.1
Opportunity Gaps (simple average)	5.0	5.2	4.8	3.9	4.9

Growth Detail

Student Groups	Median Student Growth Percentiles			
	Median SGP-Reading	Reading Rating	Median SGP - Math	Math Rating
All	61	6.1	47	4.7
Asian	64	6.4	60	6
White	57	5.7	51	5.1
American Indian/Alaska Native				
Pacific Islander/Native Hawaiian				
Black/African American	42	4.2	52	5.2
Hispanic	53	5.3	37	3.7
Two or more Races				
Limited English			71	7.1
Special Education	55.5	5.6	40	4
Low Income	48	4.8	48	4.8
Opportunity Gaps		5.0		5.0

Career and College Readiness Detail

College and Career Readiness					
Student Groups	4 year Graduation	5 year Graduation	Rating	Dual Credit/Industry Certification	11th Grade Career and College Readiness
All	76.6	78.2	7.8		
Asian	82.9	85.2	8.5		
White	80	81.3	8.1		
American Indian/Alaska Native	56.5	58.8	5.9		
Pacific Islander/Native Hawaiian	66.2	65.7	6.6		
Black/African American	65.4	68.6	6.9		
Hispanic	64.5	66.4	6.6		
Two or more Races	73.6	72.9	7.4		
Limited English	52.5	56.6	5.7		
Special Education	56.6	60.7	6.1		
Low Income	65.2	66.8	6.7		
Opportunity Gaps			6.5		

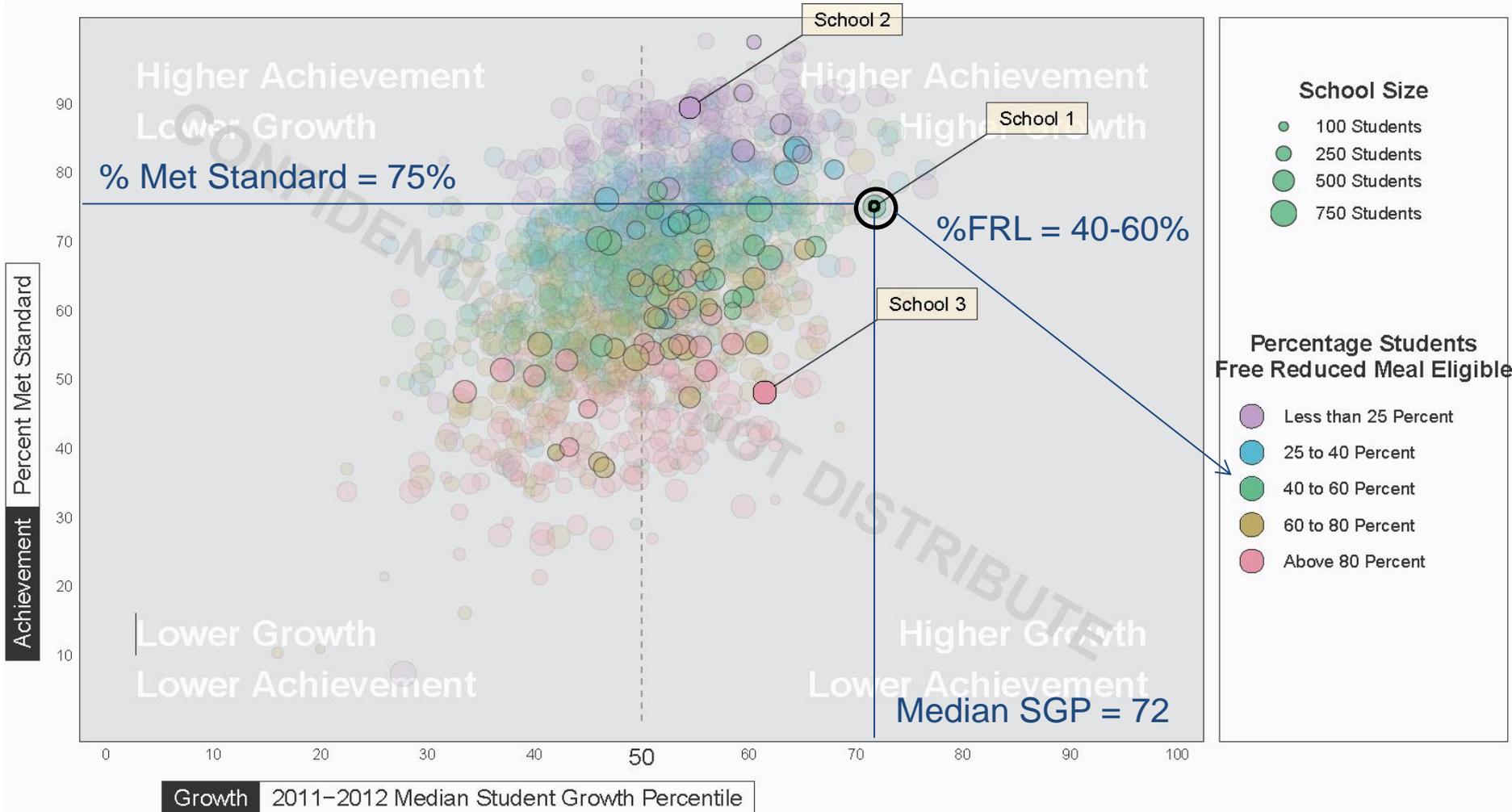
Data Exercise

Part 1A: Data orientation exercise – Primary schools

Information	School 1	School 2	School 3
% FRL (pg. 1, range, legend)			
% LEP (pg. 3, range, legend)			
Median growth percentile (pg. 1, estimate, x-axis)			
Percent met standard (pg. 1, estimate, y-axis)			
Tier label in the current Index (pg. 2, legend)			
Score in 10 point Index – Equal weighting of growth and achievement (pg. 2, estimate, y-axis)			
Score in 10 point Index – Growth weighted more heavily than achievement (pg. 3, estimate, y-axis)			

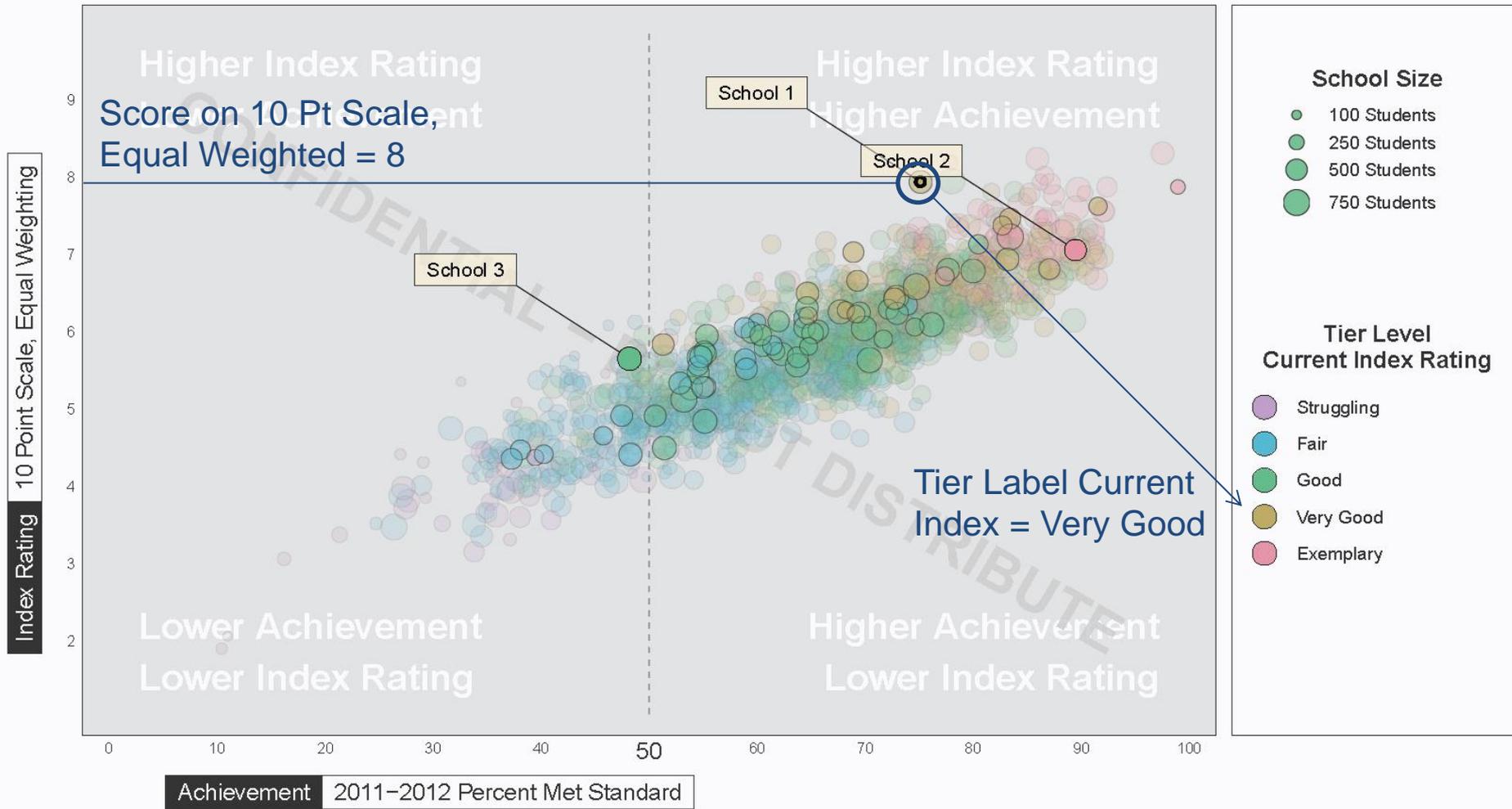
Growth and Achievement

Primary Schools Performance
Index Performance Indicators



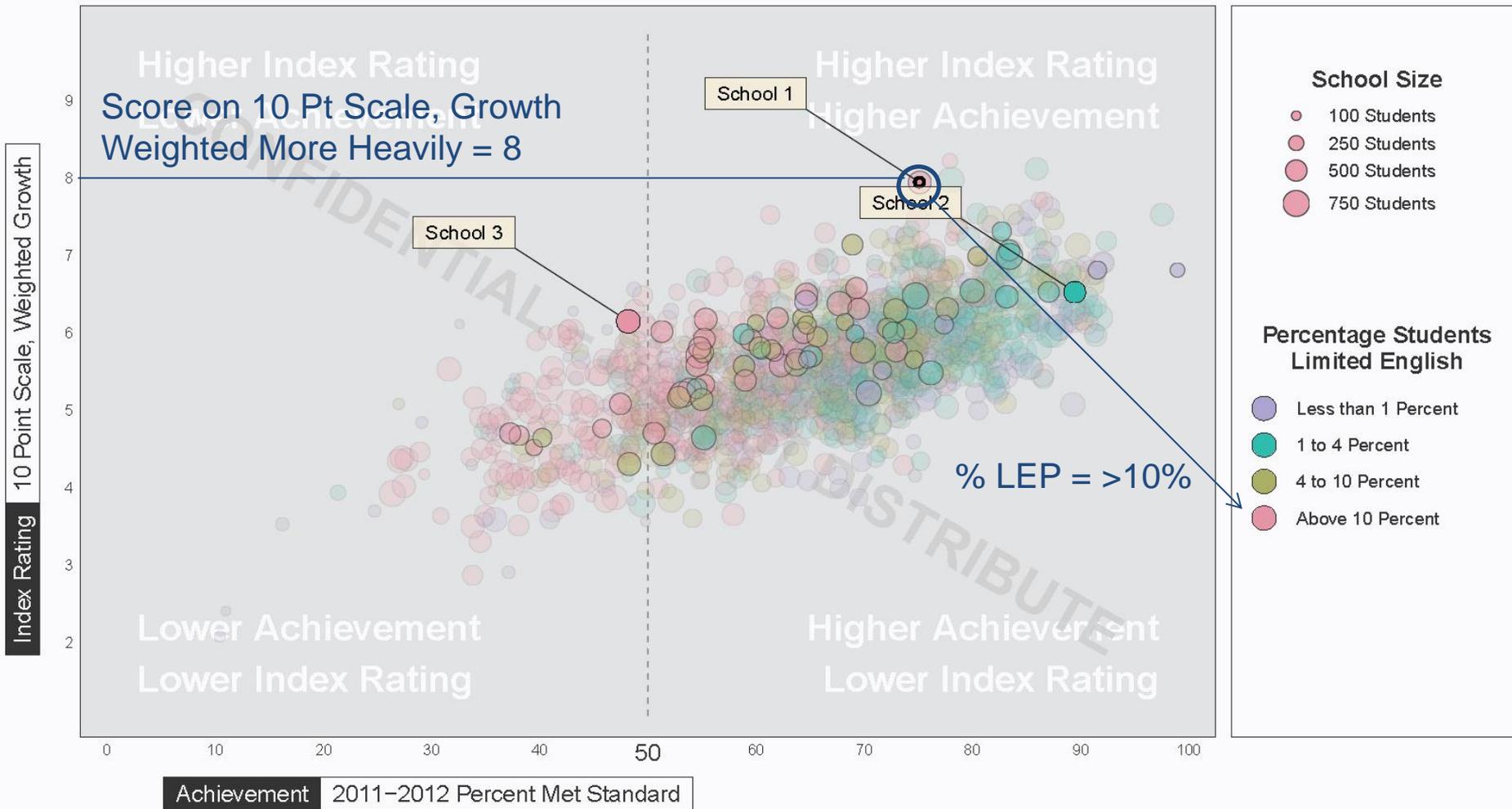
Achievement and Index Rating

Primary Schools Performance
Equal Weight Index Rating



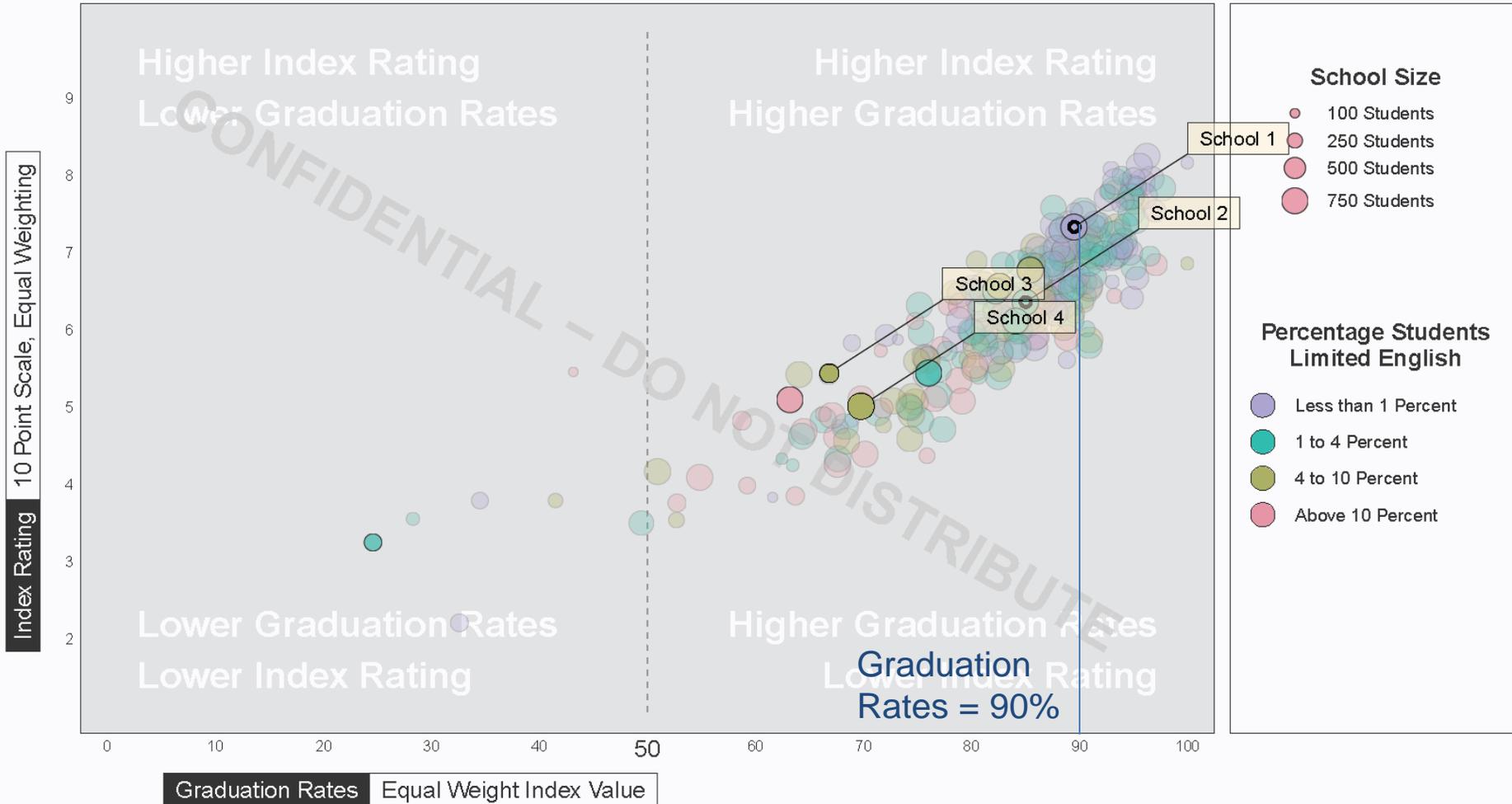
Achievement and Index Rating

Primary Schools Performance
Weighted Index Rating



Graduation Rates and Index

Secondary Schools Performance
Equal Weight Index Rating



Cut Points and Tiers

Current Index:

% Met Standard	Ext Grad Rate	Index Score	Tier (Index Score Range)	2012 Average Elementary	Adjusted Cohort 5-Year Graduation Rate (Class of 2010)
90-100	> 95	7	Exemplary (5.5-7)		
80-89.9	90-95	6			
75-79.9	85-89.9	5			
70-74.9			Very Good (5-5.49)	← Reading 70.5%	
60-69.9	80-84.9	4	Good (4-4.99)	← Science 62.8%	← Grad Rate 78.2%
50-59.9	75-79.9	3	Fair (2.5-3.99)	← Writing 61.4%	
45-49.9	70-74.9	2		← Math 59.4%	
40-44.9					
<40	<70	1	Struggling (1-2.49)		

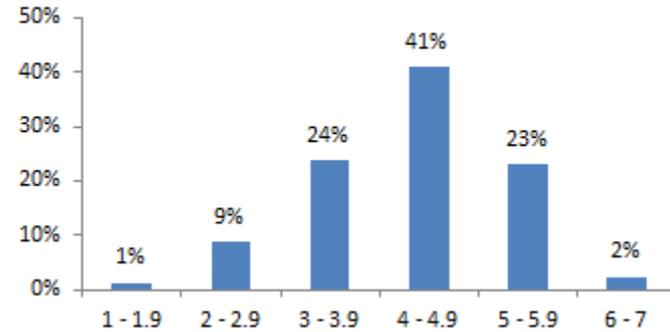
Cut Points and Tiers

Revised
Index:

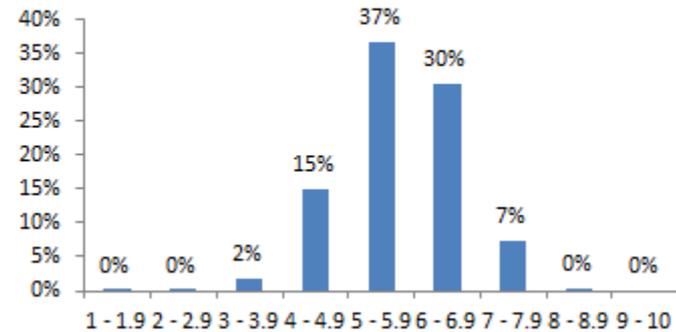
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Distribution of Index Scores – Primary

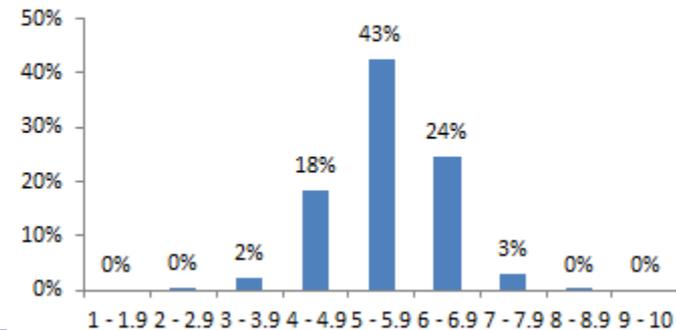
Primary - Current Index



Primary - Equal Weighting

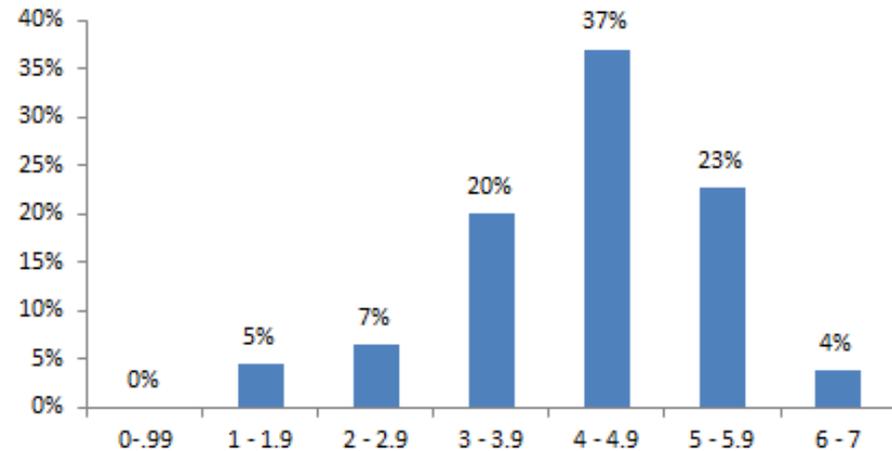


Primary - Heavier Growth

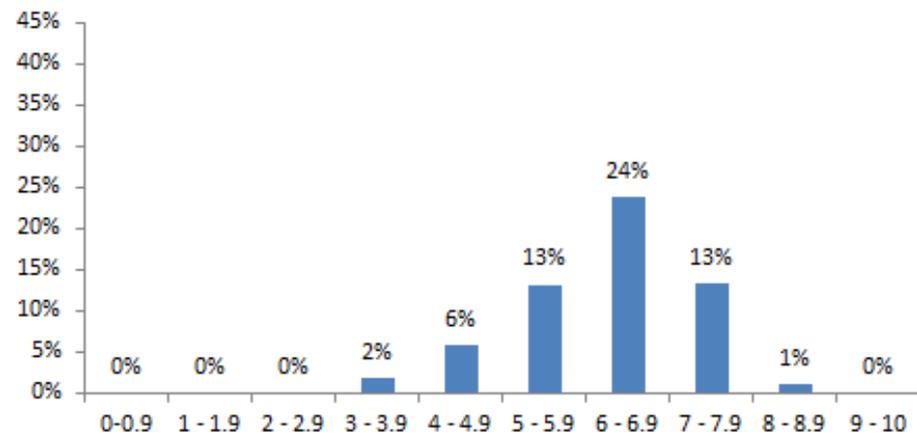


Distribution of Index Scores – Secondary

Secondary - Current Index



Secondary - Proposed Index



Additional Data for State Investments

Such as.....

Parent surveys

Student surveys

Teacher evaluation

SAT/ACT

Others?