

Update on the Washington Achievement Index

**Board of Directors Meeting
March 4, 2013**

Jack B. Monpas-Huber, Ph.D.
Director of Assessment and Student Information



Background of the Washington Achievement Index

- Original Legislative mandate: SBE to “adopt objective, systematic criteria” to identify successful schools/districts and those needing more help
- Realize AYP’ s shortcomings, need to create a better system
- State provides most of the education funding
- Supports legislative efforts to revise funding system
- 2009 Legislature passed ESHB 2261 – SBE must develop:
 1. An **Accountability Index** to identify schools/districts for recognition and additional state support
 2. A proposal for **voluntary state support** and assistance
 3. A proposal for a system for challenged schools/districts that don’ t improve through the voluntary system (“**Required Action**” formally authorized by the Legislature this year)

Basic structure of the Achievement Index

Five outcomes

Results from 4 assessments (reading, writing, math, science) aggregated together from all grades and all students, extended graduation rate, minimum N=10

	Outcomes					
Indicators	Reading	Writing	Math	Science	Extended G.R.	Average
Non low-income achievement						
Low income achievement						
Achievement vs. peers						
Improvement						
Average						Index*

* Index is simple average of the 20 “inner” cells

Four indicators

1. *Achievement by non low-income students (proficiency, ext. grad rate)*
2. *Achievement by low-income students (eligible for FRL)*
3. *Achievement vs. peers (Learning Index and ext. grad rate controlling for ELL, low income, SPED, gifted, mobility)*
4. *Improvement (change in Learning Index from previous year)*

Creates 5x4 matrix with 20 outcomes

Basic structure of the Achievement Index

Achievement (e.g., percent meeting standard) and other data (grad. rate) are assigned a rating based on this scale (see Appendix):

TIER	INDEX RANGE
Exemplary	7.00-5.50
Very Good	5.49-5.00
Good	4.99-4.00
Fair	3.99-2.50
Struggling	2.49-1.00

The 2012 Achievement Index and School Letter Grades

Entity	2012 Overall Index	Index Tier	Letter Grade
Lake Forest Park Elementary	6.12	Exemplary	A
Ridgecrest Elementary	5.81	Exemplary	A
Meridian Park Elementary	5.56	Exemplary	A
Shorewood High School	5.55	Exemplary	A
Einstein Middle School	5.50	Exemplary	A
Parkwood Elementary	5.38	Very Good	B
Kellogg Middle School	5.19	Very Good	B
Briarcrest Elementary	5.00	Very Good	B
Brookside Elementary	4.75	Good	C
Cascade K-8 Community School	4.67	Good	C
Syre Elementary	4.56	Good	C
Highland Terrace Elementary	4.53	Good	C
Echo Lake Elementary	4.12	Good	C
Shorecrest High School	4.90	Good	C

Achievement Awards based on the Index

Overall Excellence

Elementary schools	•Overall two-year average is in top five percent
Middle & Junior High schools	•Must have at least 10 cells of the matrix rated each year and fewer than 10 percent students designated as gifted
High schools	
Comprehensive schools	•Income/ethnicity gap less than 2.5

Schools with significant gifted populations	•Schools that have more than 10 percent gifted student population and a two-year average for the peers rating of at least 6.00 receive recognition
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Source: OSPI

<http://www.k12.wa.us/EducationAwards/WashingtonAchievement/HowSelected.aspx>

Achievement Awards based on the Index

Special Recognition

Language Arts	•Overall two-year average is at least 6.00
Math	•At least two of the four cells in the column are rated each year
Science	•Fewer than 10 percent gifted
Extended Graduation Rate	

Improvement	•Overall (column) two-year average is at least 6.00 and at least two of the five cells in the column are rated each year
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Closing Achievement Gaps	<u>For race/ethnicity</u>
	<ul style="list-style-type: none">•Minority percent must be at least 20•Two-year average for both non-minority and minority at least 4.25•Race/ethnicity gap for both 2009 and 2010 must be no greater than 0
	<u>For income level</u>
	<ul style="list-style-type: none">•Low income percent must be at least 20•Two-year average for both non low income and low income at least 4.25•Income gap for both 2009 and 2010 no greater than 0

Source: OSPI

<http://www.k12.wa.us/EducationAwards/WashingtonAchievement/HowSelected.aspx>

Shoreline award winners, 2009 to 2012 (predicted)

Year	School	Overall Excellence Awards	Special Recognition Awards
2009	Kellogg Middle School	Overall Excellence	Language Arts
2010	Parkwood Elementary	Overall Excellence	Closing Achievement Gaps
	Einstein Middle School	Overall Excellence	
	Home Education Exchange		Improvement
	Handicapped Contractual Services		Improvement
2011	Parkwood Elementary	Overall Excellence	Closing Achievement Gaps
	Shorewood High School		Extended Graduation Rate
Year	School	Overall Excellence Awards	Special Recognition Awards
2012 (Predicted)	Shorewood High School	Overall Excellence	
	Lake Forest Park Elementary		Closing Achievement Gaps (Income)
	Briarcrest Elementary		Closing Achievement Gaps (race/ethnicity)
	Highland Terrace Elementary		Closing Achievement Gaps (race/ethnicity)
	Parkwood Elementary		Closing Achievement Gaps (race/ethnicity)
	Kellogg Middle School		Closing Achievement Gaps (race/ethnicity)
	Shorecrest High School		Closing Achievement Gaps (race/ethnicity)
	Lake Forest Park Elementary		Improvement
	Ridgecrest Elementary		Improvement
	Brookside Elementary		Science
	Highland Terrace Elementary		Science
	Lake Forest Park Elementary		Science
	Meridian Park Elementary		Science
	Parkwood Elementary		Science
Lake Forest Park Elementary		Writing	

To be announced in mid-March

History of the Washington Achievement Index in Shoreline schools

Overall Index scores by school, 2008 to 2012

Sorted alpha by school

School	Average Index Score					5-year average	Change	
	2008	2009	2010	2011	2012		(2012-2008) difference	Mean annual change
Briarcrest	4.31	4.56	3.25	3.94	5.00	4.21	0.69	0.17
Brookside	4.13	4.94	3.94	5.75	4.75	4.70	0.62	0.16
Cascade K-8	3.60	3.40	3.60	3.00	4.67	3.65	1.07	0.27
Echo Lake	3.06	3.44	3.94	4.31	4.12	3.77	1.06	0.27
Highland Terrace	4.86	4.71	4.44	5.20	4.53	4.75	-0.33	-0.08
Lake Forest Park	4.75	3.40	2.81	5.25	6.12	4.47	1.37	0.34
Meridian Park	4.12	4.25	4.19	3.88	5.56	4.40	1.44	0.36
Parkwood	5.00	4.75	5.12	5.44	5.38	5.14	0.38	0.10
Ridgecrest	3.75	3.94	2.69	4.56	5.81	4.15	2.06	0.52
Syre	4.38	4.31	3.73	4.29	4.56	4.25	0.18	0.04
Einstein	3.44	5.00	5.12	4.88	5.50	4.79	2.06	0.52
Kellogg	4.88	5.94	3.88	4.56	5.19	4.89	0.31	0.08
Shorecrest	4.65	3.85	4.75	5.55	4.90	4.74	0.25	0.06
Shorewood	4.89	4.00	4.40	5.53	5.55	4.87	0.66	0.17

TIER	INDEX RANGE
Exemplary	7.00-5.50
Very Good	5.49-5.00
Good	4.99-4.00
Fair	3.99-2.50
Struggling	2.49-1.00

Source: OSPI, <https://eds.ospi.k12.wa.us/WAI>

History of the Washington Achievement Index in Shoreline schools

Overall Index scores by school, 2008 to 2012

Sorted by first Index score (2008)

School	Average Index Score					5-year average	Change	
	2008	2009	2010	2011	2012		(2012-2008) difference	Mean annual change
Echo Lake	3.06	3.44	3.94	4.31	4.12	3.77	1.06	0.27
Einstein	3.44	5.00	5.12	4.88	5.50	4.79	2.06	0.52
Cascade K-8	3.60	3.40	3.60	3.00	4.67	3.65	1.07	0.27
Ridgecrest	3.75	3.94	2.69	4.56	5.81	4.15	2.06	0.52
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Syre	4.38	4.31	3.73	4.29	4.56	4.25	0.18	0.04
Shorecrest	4.65	3.85	4.75	5.55	4.90	4.74	0.25	0.06
Lake Forest Park	4.75	3.40	2.81	5.25	6.12	4.47	1.37	0.34
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Shorewood	4.89	4.00	4.40	5.53	5.55	4.87	0.66	0.17
Parkwood	5.00	4.75	5.12	5.44	5.38	5.14	0.38	0.10

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History of the Washington Achievement Index in Shoreline schools

Overall Index scores by school, 2008 to 2012

Sorted by total gain (2008 to 2012) in Index score

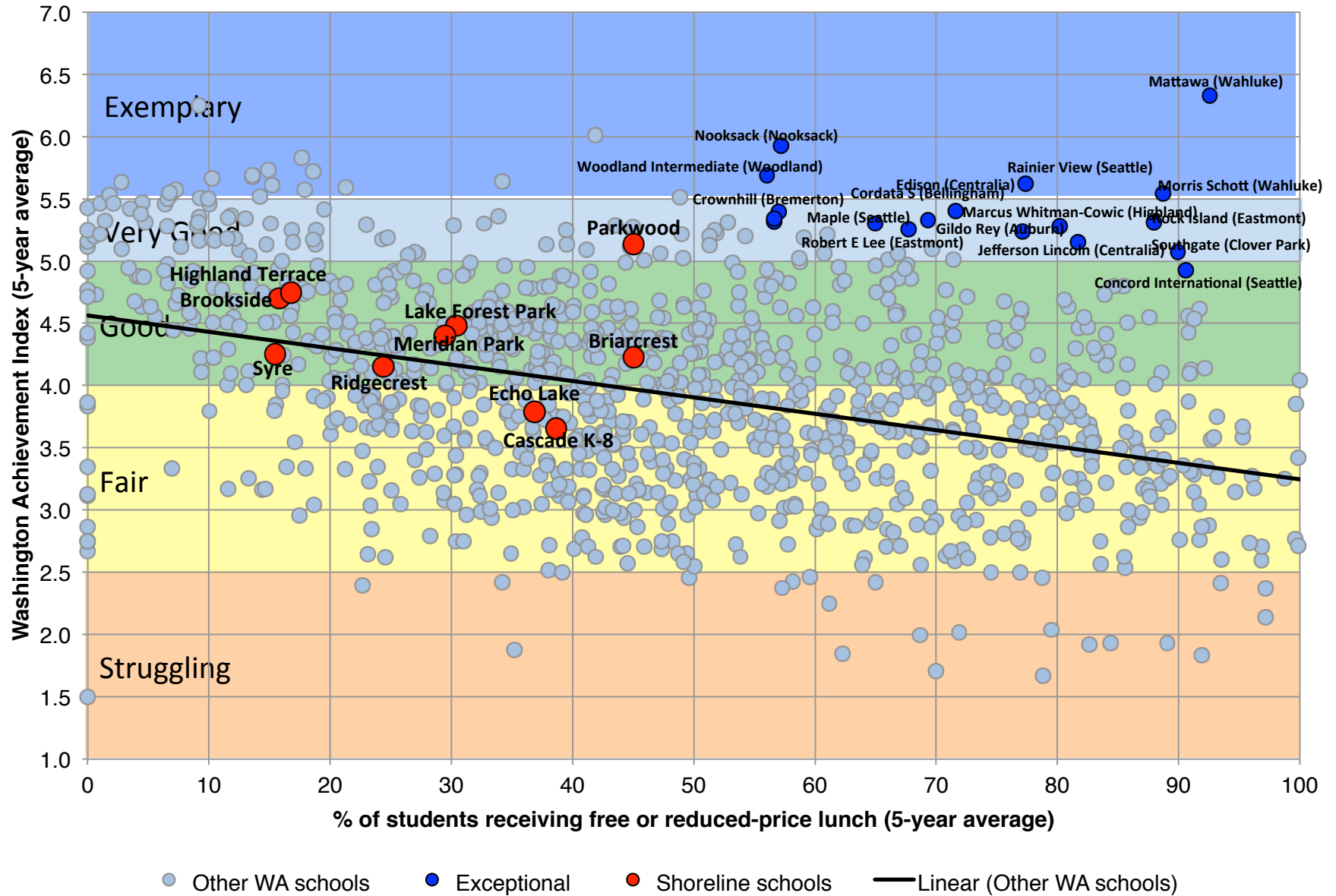
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Shorecrest	4.65	3.85	4.75	5.55	4.90	4.74	0.25	0.06
Syre	4.38	4.31	3.73	4.29	4.56	4.25	0.18	0.04
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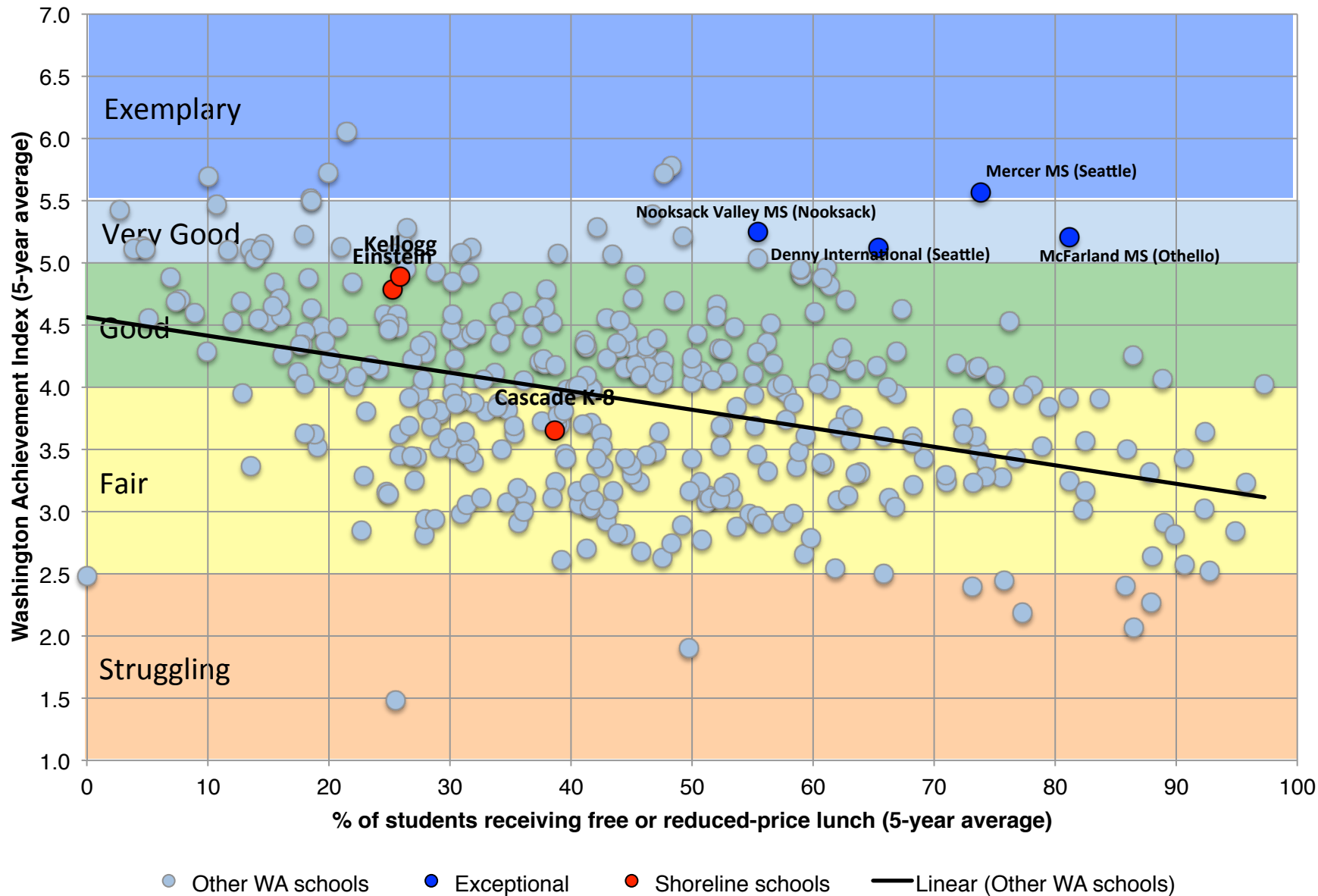
Comparisons to similar schools on Washington Achievement Index: Elementary

5-year averages of Overall Index scores and school-level SES, 2008 to 2012



Comparisons to similar schools on Washington Achievement Index: Middle School

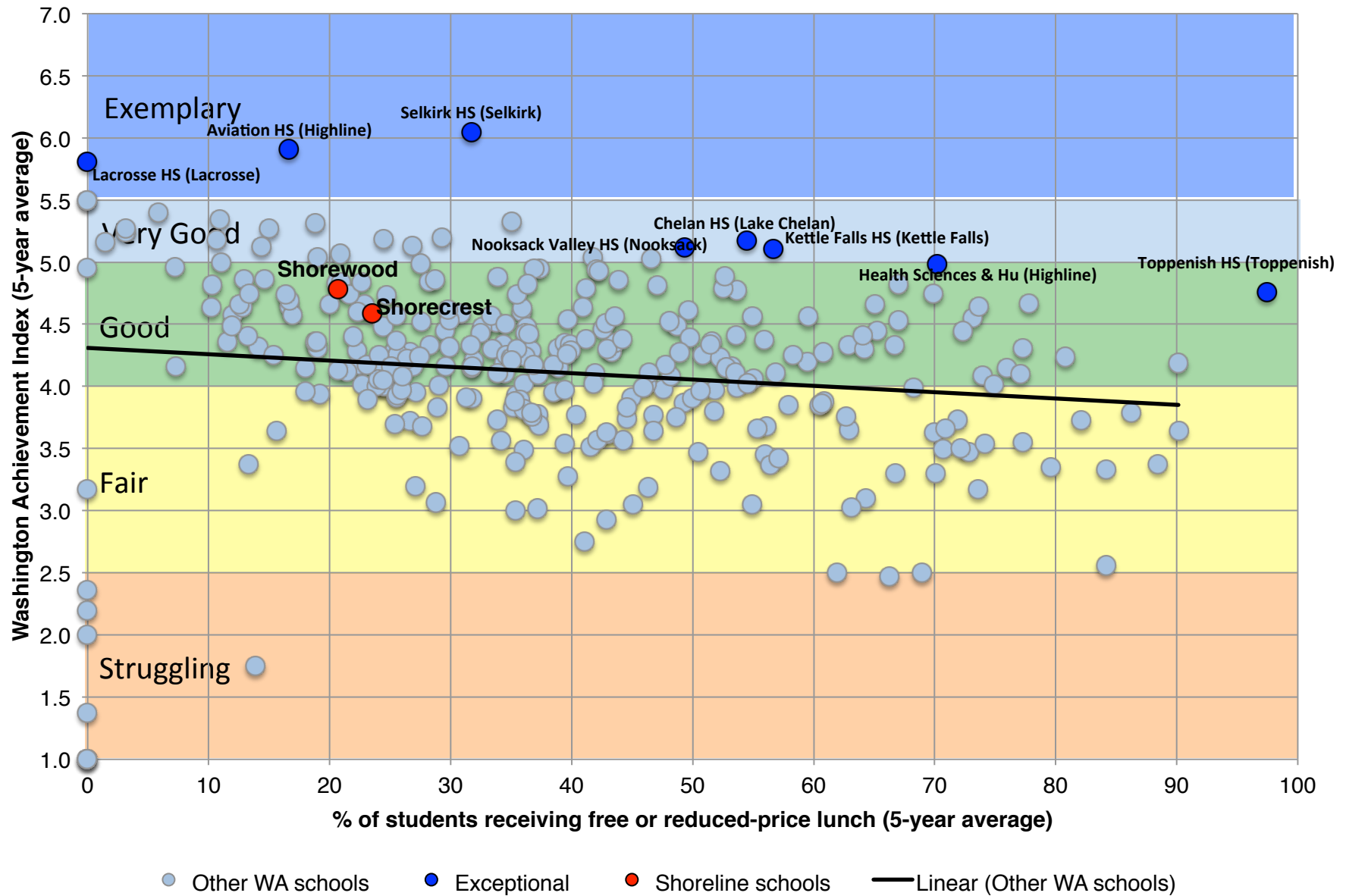
5-year averages of Overall Index scores and school-level SES, 2008 to 2012



Source: OSPI, <https://eds.ospi.k12.wa.us/WAI>

Comparisons to similar schools on Washington Achievement Index: High School

5-year averages of Overall Index scores and school-level SES, 2008 to 2012



Update on State Board work to revise Achievement Index

Background

- ESEA waiver gives SBE one year to develop new state accountability system
- SBE created Achievement & Accountability Workgroup (AAW) to study the issue and advise SBE on the (re)development of the Index
- Materials from their meetings are available at the SBE Web site:
- <http://www.sbe.wa.gov/aaw.php>

Index will continue to include

- Student proficiency
- Proficiency gaps by ESEA student subgroups
- Improvement (may be measured and reported but not calculated in Index)

Likely changes to Index

- Sunset of peers indicator
- Addition of student growth indicator (based on student growth percentiles methodology)
- Addition of language proficiency indicator and former ELL category
- Addition of career & college readiness indicators:
 - 4- and 5-year graduation rates (All and subgroups)
 - % at CCR benchmark on Smarter Balanced assessment (All and subgroups)
 - % earning high school credit in dual credit courses OR receiving industry certification (All and subgroups)

Index Revision Timeline

