

Washington State Board of Education
System Performance Accountability (SPA)
April 13, 2010

Achievement Gap Recognition

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Existing Recognition (6 areas)

- Recognition given for *Overall Outstanding Performance* using norm-referenced system
 - Top 5% of Index, by grade band (elementary, middle, high, comp.)
- *Special Recognition* given using criteria-referenced system
 - 2-year average of 6.00 in language arts, math, science, ext. grad. rate, gifted (among peers)

	Outcomes					
Indicator	Reading	Writing	Math	Science	Ext. Grad. Rate	Average
<i>Non-low inc. achievement</i>						
<i>Low inc. ach.</i>						
<i>Ach. vs. peers</i>						6.00* for gifted
<i>Improvement</i>						
Average	6.00*	6.00*	6.00*	6.00*	6.00*	Top 5%*

* Minimum 2-year average rating to earn recognition

INDEX

Recognition Results

174 schools recognized in 233 areas

(48 schools received multiple recognition)

Grade Band	# in top 5%	Index cut-off	Total awards
Elementary	53	5.280	70
Middle	19	4.875	26
High	20	4.910	52
Multiple	16	4.735	26
Total	108		174

Special Recognition

Lang. Arts	36
Math	10
Science	24
Grad. rate	35
Gifted	20
Total	125

Achievement Gap Recognition

- Criteria used this year were too stringent, so no schools were recognized
- OSPI/SBE want to give recognition for closing the achievement gap next school year
- Four options to consider
 - Options 1 and 2 use the Accountability Index matrix
 - Options 3 and 4 use modified matrix for subgroups
 - Options are either criteria-based or norm-based (top 5%)
- Other options are possible
(can also change details of proposed options)

Options 1 and 2

- Look at difference in average of non-low income and low income rows (see yellow cells)
- Same minimum criteria apply to both options
 - 2-year average for each row must be at least 4.00
 - At least 2 of 5 cells in the row must be rated each year
 - Accountability Index must be at least 4.00 each year
 - Must be fewer than 10% students designated as gifted each year

	Outcomes					
Indicator	Reading	Writing	Math	Science	Ext. Grad. Rate	Average
Non-low inc. achievement						Compare ↕
Low inc. ach.						
Ach. vs. peers						
Improvement						
Average						

Options 1 and 2

- **Option 1 (criterion-referenced)**

For any school that has a difference between the row averages of less than 1 in both years

30 schools would have been recognized in 2009 (18 elementary, 2 middle, 7 high, 3 comprehensive); 1.4% of schools statewide

- **Option 2 (norm-referenced)**

When a school's 2-year average in the non-low income and low income rows puts it in top 5%, given for each of the four grade levels—elem., middle/jr., high and comprehensive (the smaller the difference, the higher the rank)

108 schools recognized (same number as Outstanding Overall Performance award because both are based on the top 5%)

Options 3 and 4

- Look at difference in average of lower performing groups (Amer. Indian, Black, Hispanic, Pac. Is.) and higher performing groups (Asian, White)
- Same minimum criteria apply to both options
 - 2-year average for each row must be at least 3.50
 - At least 4 of 9 cells in the row must be rated each year
 - Must be fewer than 10% students designated as gifted each year

Results for Hypothetical School

Subgroup	READING			MATH			EXT. GRAD. RATE			Average rating	Change from previous year
	Met Std. (All stud.)	Peers	Improve.	Met Std. (All stud.)	Peers	Improve.	Met Std. (All stud.)	Peers	Improve.		
American Indian	4	4	4	1	5	4	1	4	4	3.44	0.33
Black	3	3	3	1	3	5	1	3	2	2.67	-1.00
Hispanic	3	4	4	1	4	4	1	4	4	3.22	-0.11
Pacific Islander	4	4	4	1	5	4	1	4	4	3.44	0.22
Average	3.5	3.75	3.75	1	4.25	4	1	3.75	3.5	3.17	-0.17
White	5	4	4	3	3	4	3	4	4	3.78	-0.22
Asian	6	4	5	4	5	4	5	4	6	4.78	0.56
Average	5.50	4.00	4.50	3.50	4.00	4.00	4.00	4.00	5.00	4.28	0.17

Options 3 and 4

- **Option 3 (criterion-referenced)**

Give recognition to any school that has less than a .50 difference between the row averages in two consecutive years

- **Option 4 (norm-referenced)**

Give recognition to schools whose difference in the 2-year average of the combined group rows puts them in top 5%, given for each of the four grade levels—elem., middle/jr., high and comprehensive

(the smaller the difference, the higher the rank)

No results computed yet for this matrix, so number of schools to be recognized is unknown

Advantages and Disadvantages

Options 1 and 2

- + Uses the same Index matrix as the other awards
- + Recognizes the achievement gap is driven primarily by differences in socioeconomic status
- Does not highlight the gap among racial/ethnic groups

Options 3 and 4

- + Focuses on gap between racial/ethnic groups
- Options are more complicated because they rely on a different matrix than the other awards
- Performance of higher-income students of color may result in schools getting awards simply because they have a similar socioeconomic status

Advantages and Disadvantages

Criterion-referenced system

- + No competition for award, supports cooperation among schools and districts
- Fewer schools recognized

Norm-referenced system

- + More schools recognized
- Could create competition