

# How to Read the 2011-2012 High School Report Card Detail Sheets

The 2011-2012 School Report Card Detail Sheets provide the data, formulas, and calculations used to produce the Overall School Rating. This How to Read guide explains the contents of each section of the Report Card Detail Sheets.

## Section 1: School Rating Summary Data

### School Rating Summary Data

The **Achievement Index** is based on test results from OAKS Reading and Math and on improvement data. The actual data and calculations are on pages 2 and 3 of the detail sheet.

The **Graduation Rate** uses four-year and five-year cohort graduation rates. See the actual data and calculation on page 4 of the detail sheet. Your school is rated on graduation if it was rated on graduation on AMOs. If your school was rated on attendance on AMOs then a 2010-11 and 2011-12 combined Attendance Rate is used in place of Graduation Rate.

Summary Data	Rating / Comments
<b>Achievement Index</b> <i>See pages 2 and 3</i>	<b>Outstanding</b>
<b>Graduation Rate</b> <i>See page 4</i>	<b>Outstanding</b>
<b>Participation Rate</b> <i>See page 4</i>	<b>In Need of Improvement</b>
<i>Overall School Rating</i>	<b>In Need of Improvement</b>

The **Participation Rate** based on the participation rate for OAKS Reading and Math for the last two years, disaggregated by subgroup. See page 4 of the detail sheet for the data and calculations.

The **Overall School Rating** is determined by a formula based on the ratings for the Achievement Index and the Improvement Index, the Graduation Rate, and the Participation Rate.

The overall rating for a school is generally equal to its Achievement Rating. However, if the Attendance/Graduation or Participation Rating is lower than the Achievement Rating, the overall school rating is the lower of the Attendance/Graduation and Participation rating. The table below gives a summary of the overall rating system.

Overall Rating	Achievement Rating	Lower of the Attendance/Graduation and Participation Ratings
Outstanding	Outstanding	Outstanding
Satisfactory	Outstanding	Satisfactory
Satisfactory	Satisfactory	Satisfactory or Outstanding
In Need of Improvement	In Need of Improvement	<i>Any Rating</i>
In Need of Improvement	<i>Any Rating</i>	In Need of Improvement

See the [Report Card Policy](#) web page for documents with a complete explanation of the formula that determines Overall School Rating.

## Section 2: School Performance Data

### School Performance Data

This data is provided for your convenience. It matches the data in your school's AMO Report.

2010-2011 and 2011-2012 Combined	Reading	Math
% Meets	54.1	47.3
% Exceeds	39.1	29.2
% Meets or Exceeds	93.2	76.5
% Meets, Exceeds, or Meets Growth	93.2	76.5

A more detailed breakdown of this data is found in the "Improvement in Student Performance" section of the Report Card. Note that high school students do not receive individual growth targets.

The **Achievement Index rating** is raised by one category if a school has shown improvement in test scores from the previous year, as explained in section 4.

## Section 3: Achievement Index Rating

The **Achievement Index** is the average of the Reading Index and the Math Index.

### Achievement Index Rating: Outstanding

$$\text{School Achievement Index} = (\text{Reading Index} + \text{Math Index}) / 2$$

$$= (88.7 + 67.0) / 2 = 77.9$$

Rating	In Need of Improvement	Satisfactory	Outstanding
Index Score	Less than 50.0	50.0 to 74.9	75.0 or higher

The **Achievement Index** rating is determined by these cut scores.

In order to promote closing the achievement gap, the **Achievement Index** assigns extra weight to the success of students in disadvantaged subgroups.

Students in these subgroups do not receive additional weight in the index.

See the next page for an explanation of the calculations.

### Reading and Math Achievement Index Data

	2010-2011					2011-2012						
	Meets or Exceeds		Does Not Meet			# Tests	Meets or Exceeds		Does Not Meet			# Tests
	Exceeds	Meets	Meets Growth Target				Exceeds	Meets	Meets Growth Target			
			Yes	No	NA	Yes			No	NA		
All Students	108	204	0	0	25	337	158	164	0	0	21	343
Economically Disadvantaged	12	46	0	0	10		21	47	0	0	10	78
Limited English Proficient	*	*	*	*	*		*	*	*	*	*	*
Students with Disabilities	3	9	0	0	8		14	0	0	8	25	
Amer Ind/Alskn Ntv	*	*	*	*	*		*	*	*	*	*	*
Black (not of Hispanic origin)	5	43	0	0	0							
Hispanic	2	8	0	0	0							
Asian/Pacific Islander	5	7	0	0	0							
Asian	5	7	0	0	0							
Pacific Islander	*	*	*	*	*		*	*	*	*	*	*
White (not of Hispanic origin)	88	132	0	0	0							
Multi-Racial/Multi-Ethnic	8	12	0	0	0							
Column Totals (excluding Asian/PI, White, Multi)	130	312	0	0	0							
Weight	100	100	100	0	0		100	100	100	0	0	
Weighted Counts	13000	31200	0	0	0		19500	27000	0	0	0	
Yearly Index	(13000 + 31200 + 0) / 504 = 87.7						(19500 + 27000 + 0) / 519 = 89.6					
Reading Index	(87.7 + 89.6) / 2 = 88.7											

High school students do not receive growth targets. If your school has students in grades 4 to 8 they can receive growth targets if they tested in the previous year.

The **Achievement Index** uses the same weighting of student subgroups for reading and math.

**Math**

	2010-2011						2011-2012					
	Meets or Exceeds		Does Not Meet			# Tests	Meets or Exceeds		Does Not Meet			# Tests
	Exceeds	Meets	Meets Growth Target				Exceeds	Meets	Meets Growth Target			
			Yes	No	NA	Yes			No	NA		
All Students	117	148	0	0	68	333	84	178	0	0	94	356
Economically Disadvantaged	12	29	0	0	26	67	6	36	0	0	40	82
Limited English Proficient	*	*	*	*	*	*	*	*	*	*	*	*
Students with Disabilities	3	2	0	0	11	16	2	7	0	0	20	29
Amer Ind/Alskn Ntv	*	*	*	*	*	*	*	*	*	*	*	*
Black (not of Hispanic origin)	3	24	0	0	37	64	0	25	0	0	32	57
Hispanic	4	7	0	0	3	14	2	7	0	0	9	18
Asian/Pacific Islander	3	7	0	0	3	13	5	8	0	0	2	15
Asian	3	7	0	0	2	12	5	8	0	0	2	15
Pacific Islander	*	*	*	*	*	*	--	--	--	--	--	--
White (not of Hispanic origin)	95	103	0	0	21	219	69	125	0	0	47	241
Multi-Racial/Multi-Ethnic	12	6	0	0	2	20	7	11	0	0	4	22
Column Totals (excluding PL, White, Multi)	139	211	0	0	149	499	95	255	0	0	198	548
Weight	100	100	100	0	0		100	100	100	0	0	
Weighted Counts	13900	21100	0	0	0		9500	25500	0	0	0	
Yearly Index	$(13900 + 21100 + 0) / 499 = 70.1$						$(9500 + 25500 + 0) / 548 = 63.9$					
Math Index	$(70.1 + 63.9) / 2 = 67.0$											

For a complete explanation of weight, see the [Report Card Policy](#) web page for the Report Card Policy Manuals.

Weighted Count is the product of Column Total times Weight. This year the weight for exceeds was reduced from 133 down to 100.

The Weighted Counts are added together and then divided by the total number of tests (excluding the subgroups shaded gray) to produce the Yearly Index.

The two Yearly Indices are averaged to produce the Math (or Reading) Index.

### Section 4: Improvement Data

A school rated as **Improved** has its Achievement Index rating raised by one category.

### Improvement Data (High School only)

The **Improvement Index** is the difference between this year's Performance Index and last year's Performance Index. This year the cutoff for improvement has been lowered to 3.3 due to the removal of the extra weight for exceeds.

Improvement: Not Improved		
Improvement Index = 2011-2012 Performance Index - 2010-2011 Performance Index = 91.2 - 90.9 = 0.3		
Rating	Not Improved	Improved
Improvement Index	Less than 3.3	3.3 or higher

A combined Improvement Index of at least 3.3 raises the Achievement Index rating by one category

The **Performance Index** weights outcomes by performance level. This year the weight for exceeds was reduced from 133 down to 100.

### Reading Knowledge and Skills Grade 11

Exceeds  
Meets  
Nearly Meets  
Low  
Very Low

Weights	2010-2011		2011-2012	
	Counts	Weighted	Counts	Weighted
100	108	10800	158	15800
100	204	20400	164	16400
67	9	603	7	469
33	11	363	14	462
0	5	0	0	0
<b>Totals</b>	<b>337</b>	<b>32166</b>	<b>343</b>	<b>33131</b>
<b>Index</b>	<b>32166 / 337 = 95.4</b>		<b>33131 / 343 = 96.6</b>	

### Math Knowledge and Skills Grade 11

Exceeds  
Meets  
Nearly Meets  
Low  
Very Low

Weights	2010-2011		2011-2012	
	Counts	Weighted	Counts	Weighted
100	117	11700	84	8400
100	148	14800	178	17800
67	9	603	39	2613
33	51	1683	51	1683
0	8	0	4	0
<b>Totals</b>	<b>333</b>	<b>28786</b>	<b>356</b>	<b>30496</b>
<b>Index</b>	<b>28786 / 333 = 86.4</b>		<b>30496 / 356 = 85.7</b>	

The yearly **Performance Index** is calculated by averaging the year's Reading Performance Index and Math Performance Index.

$$2010-2011 \text{ Performance Index} = (\text{Reading } 2010-2011 + \text{Math } 2010-2011) / 2$$

$$(95.4 + 86.4) / 2 = 90.9$$

$$2011-2012 \text{ Performance Index} = (\text{Reading } 2011-2012 + \text{Math } 2011-2012) / 2$$

$$(96.6 + 85.7) / 2 = 91.2$$

## Section 5: Additional Indicators

### Graduation Rate

The yearly graduation rates match the data in your school's AMO Report.

**Graduation Rate** is used as an Additional Indicator if your school was rated on graduation on its AMO report. If not, Attendance Rate is used as an Additional Indicator, as described below.

### Graduation Rates

Cohort Graduation Rate	Prior Year	Current Year	Best Rate
Four-Year Rate	78.6	82.3	82.3
Five-Year Rate	80.6	86.0	86.0

The Best Rate is the higher of the two year average or the current rate.

The "Best Rate" is the higher of the two year average or the most recent rate.

### Graduation: Outstanding

The Graduation Rating is the higher of the ratings for the four-year and five-year best rates.

Graduation Rating	In Need of Improvement	Satisfactory	Outstanding
Four-Year Best Rate	Less than 67.0	67.0 to 71.9	72.0 or higher
Five-Year Best Rate	Less than 72.0	72.0 to 76.9	77.0 or higher

The **Graduation** rating is determined by these criteria. Schools receive the higher of the ratings for the four and five year rates.

Attendance Rate

**Attendance Rate** is used as an Additional Indicator if your school was rated on attendance on its AMO report.

The yearly attendance rates match the data in your school's AMO Report.

**Attendance Rate**

School Year	Rate
2010-2011	95.5
2011-2012	95.3

<b>Attendance: Outstanding</b>			
Two-year Average Attendance = (Attendance Rate 2010-2011 + Attendance Rate 2011-2012) / 2 = ( 95.5 + 95.3 ) / 2 = 95.4			
Rating	In Need of Improvement	Satisfactory	Outstanding
Attendance Rate	Less than 89.0	89.0 to 91.9	92.0 or Higher

The **Attendance Rate** is the average of the rates from the past two years.

The **Attendance** rating is determined by these cut scores.

The **Participation Rate** is based on the last two years of OAKS Reading and Math assessments.

Cells marked with a "--" are not included in the calculations.

**Participation Rate**

2010-2011 and 2011-2012 Participation in Statewide Assessments

Subgroup	Reading	Math
All Students	100%	100%
Economically Disadvantaged	100%	100%
Limited English Proficient	99%	100%
Students with Disabilities	99%	100%
American Indian/Alaskan Native	--	--
Hispanic	100%	100%
Asian/Pacific Islander	--	100%
White	100%	100%
Multi-Racial/Multi-Ethnic	--	--

The **Participation Rate** is calculated by dividing the number of participants in OAKS by the sum of participants and non-participants.

Participation targets can be met using the two-year average or the most recent year. Subgroups with fewer than 40 eligible students in 2010-2011 and 2011-2012 combined are not rated, and are designated "--".

<b>Participation: Outstanding</b>		
Number of subgroups missing the 95% participation target = 0		
Participation Rating	In Need of Improvement	Outstanding
Number of subgroups missing participation targets	1 or more	0

Missing one or more participation targets results in a rating of "In Need of Improvement."

## Section 6: Notes

### Notes

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#### Overall School Rating

There are no notes.

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#### Achievement Index Rating

1- Achievement Index Rating has been raised due to improvement.

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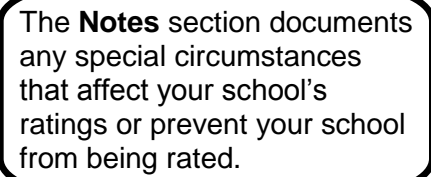
#### Improvement

There are no notes.

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#### Additional Indicators

2- Graduation and Participation rates that do not meet minimum requirements may limit a school's overall rating.



The **Notes** section documents any special circumstances that affect your school's ratings or prevent your school from being rated.