How to Read the 2009-2010 High School Report Card Detail Sheets

The 2009-2010 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

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** is the average of the rates from the past two years. See the actual data and calculation on page 4 of the detail sheet. If your school had fewer than 20 graduates and dropouts in 2007-08 and 2008-09 combined, **Attendance Rate** is used in place of Graduation Rate.

The **Participation Rate** is the total participation rate for this year's OAKS Math, Reading, Writing, and Science. 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, as well as the school's AYP Status.

School Rating Summary Data

Summary Data		Rating / Comments
Achievement Index See pages 2 and 3	66.7	Satisfactory
Graduation Rate See page 4	98.7	Outstanding
Participation Rate See page 4	98.0	Outstanding
AYP Status	MET	*If the AYP Status is Met, the Overall School Rating cannot be lower than Satisfactory.*
Overall School Rating		Satisfactory

The formula that determines the Overall School Rating begins with the Achievement Index rating. Next, it looks at the Improvement Index; a rating of "Improved" raises the Achievement Index rating by one category. Finally, the Achievement Index rating is raised or lowered based on the ratings of the Other Indicators and on AYP Status. Here are two possible scenarios:

Example 1	
Achievement Index	Satisfactory
Graduation Rate	Satisfactory
Participation Rate	Outstanding
AYP Status	Not Met
Overall Rating	**Satisfactory**

Example 2	
Achievement Index	Satisfactory
Graduation Rate	Satisfactory
Participation Rate	In Need of Improvement
AYP Status	Met
Overall Rating	**Satisfactory**

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 AYP Report.

2008-2009 and 2009-2010 Combined	Reading	Math
% Meets	50.0	40.9
% Exceeds	20.5	11.4
% Meets or Exceeds	70.5	52.3
% Meets, Exceeds, or Meets Growth	70.5	52.3

This data is provided for your convenience. A more detailed breakdown of this data is found in the "Improvement in Student Performance" section of the Report Card. Note that 10th graders do not receive growth targets.

The **Achievement Index** rating is raised by one category if a school has improved since the previous year, as explained below in section 4.

Section 3: Achievement Index Rating

Achievement Index Rating
Satisfactory

School Achievement Index = (Reading Index + Math Index) / 2
= (74.1 + 59.3) / 2 = 66.7

Rating	In Need of Improvement	Satisfactory	Outstanding
Index Score	Less than 50.0	50.0 to 79.9	80.0 or Higher

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

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

The **Achievement Index** rating is determined by these cut scores. The rating is raised by one category if the school is classified as Improved.

Reading and Math Achievement Index Data

Reading	2008-2009						2009-2010					
	Meets or Exceeds		Does Not Meet			# Tests	Meets or Exceeds		Does Not Meet			# Tests
			Meets Growth Target						Meets Growth Target			
	Exceeds	Meets	Yes	No	NA		Exceeds	Meets	Yes	No	NA	
All Students	22	192	0	0	240		31	222	0	0	177	430
Economically Disadvantaged	3	106	0	0	191	300		146	0	0	164	325
Limited English Proficient	0	22	0	0	93	115		11	0	0	82	93
Students with Disabilities	1	6	0	0	40							
Amer Ind/Alskn Ntv	*	*	*	*	*							
Black (not of Hispanic origin)	0	6	0	0	7							
Hispanic	1	54	0	0	131	186	2	85	0	0	117	204
Asian/Pacific Islander	1	9	0	0	10	20	0	6	0	0	7	13
White (not of Hispanic origin)	18	106	0	0	75	199	26	120	0	0	42	188
Multi-Racial/Multi-Ethnic	2	16	0	0	13	31	3	10	0	0	8	21
Column Totals (excluding White, Asian, Multi)	27	387	0	0	706	1120	50	479	0	0	571	1100
Weight	133	100	100	0	0		133	100	100	0	0	
Weighted Counts	3591	38700	0				6650	47900	0			
Yearly Index	(3591 + 38700 + 0) / 1120 = 37.8						(6650 + 47900 + 0) / 1100 = 49.6					
Reading Index	(37.8 + 49.6) / 2 = 43.7											

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

10th graders do not receive growth targets.

See the next page for an explanation of the calculations.

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

> For a complete explanation of weight, see the Report Card Policy web page for the Report Card Policy Manuals.

Math	2008-2009						2009-2010					
	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	87	159	0	0	153	399	68	202	0	0	117	387
Economically Disadvantaged	12	29	0	0	58	99	13	49	0	0	66	128
Limited English Proficient	*	*	*	*	*	*	*	*	*	*	*	*
Students with Disabilities	7	8	0	0	32	47	3	12	0	0	23	38
Amer Ind/Alskn Ntv	0	4	0	0	3	7	*	*	*	*	*	*
Black (not of Hispanic origin)	0	3	0	0	3	6	*	*	*	*	*	*
Hispanic	1	11	0	0	5	17	2	18	0	0	18	38
Asian/Pacific Islander	7	1	0	0	6	14	6	8	0	0	3	17
White (not of Hispanic origin)	70	129	0	0	126	325	56	158	0	0	87	301
Multi-Racial/Multi-Ethnic	4	6	0	0	5	15	4	15	0	0	6	25
Column Totals (excluding White, Asian, Multi)	107	214	0	0	257	578	86	284	0	0	230	600
Weight	133	100	100	0	0		133	100	100	0	0	
Weighted Counts	14231	21400	0				11438	28400	0			
Yearly Index	(14231 + 21400 + 0) / 578 = 61.6						(11438 + 28400 + 0) / 600 = 66.4					
Math Index	(61.6 + 66.4) / 2 = 64											

> Weighted Count is the product of Column Total times Weight.

> 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.

Improvement: Improved		
Improvement Index = 2009-2010 Performance Index - 2008-2009 Performance Index = 76.8 - 68.4 = 8.4		
Rating	Not Improved	Improved
Improvement Index	Less than 5.0	5.0 or Higher

A combined Improvement Index of at least 5.0 raises the Achievement Index rating by one category.

The **Performance Index** weights outcomes by performance level: students who exceed receive the most weight, followed by students who meet, then those who nearly meet, etc.

Reading Knowledge and Skills
Grade 07, 08, 10

	Weights	2008-2009		2009-2010	
		Counts	Weighted	Counts	Weighted
Exceeds	133	7	931	20	2660
Meets	100	30	3000	26	2600
Nearly Meets	67	16	1072	10	670
Low	33	6	198	6	198
Very Low	0	0	0	0	0
Totals		**59**	**5201**	**62**	**6128**
Index		**5201 / 59 = 88.2**		**6128 / 62 = 98.8**	

Math Knowledge and Skills
Grade 07, 08, 10

	Weights	2008-2009		2009-2010	
		Counts	Weighted	Counts	Weighted
Exceeds	133	21	2793	19	2527
Meets	100	21	2100	29	2900
Nearly Meets	67	7	469	8	536
Low	33	10	330	6	198
Very Low	0	0	0	0	0
Totals		**59**	**5692**	**62**	**6161**
Index		**5692 / 59 = 96.5**		**6161 / 62 = 99.4**	

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

2008-2009 Performance Index = (Reading 2008-2009 + Math 2008-2009) / 2
(88.2 + 96.5) / 2 = 92.4

2009-2010 Performance Index = (Reading 2009-2010 + Math 2009-2010) / 2
(98.8 + 99.4) / 2 = 99.1

Section 5: Additional Indicators

Graduation Rate

Graduation Rate is used as an Other Indicator only if your school had 20 or more graduates and dropouts in 2007-08 and 2008-09 combined. If not, **Attendance Rate** is used as an Other Indicator, as described below.

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

Graduation Rates

School Year	NCES Rate	Cohort Rate
2007-2008	78.1	
2008-2009	87.4	73.9

*The cohort rate is shown for informational purposes only. It will be included in Graduation for 2010-2011.

Cohort Graduation Rates are displayed for informational purposes only. They will be included in the 2010-11 Report Card ratings.

Graduation: Outstanding
Two-year Average NCES Rate **=** (NCES Rate 2007-2008 + NCES Rate 2008-2009) / 2
= (78.1 + 87.4) / 2 = 82.8

Rating	In Need of Improvement	Satisfactory	Outstanding
NCES Rate	Less than 60.0	60.0 to 68.0	68.1 or Higher

The **Graduation Rate** rating is determined by these cut scores.

Attendance Rate

The **Attendance Rate** section only appears if your school had fewer than 20 graduates and dropouts in 2007-08 and 2008-09 combined. If so, **Attendance Rate** is used as an indicator in place of Graduation Rate.

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

Attendance Rate

School Year	Rate
2008-2009	94.2
2009-2010	94.3

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

Attendance: Outstanding

Two-year Average Attendance = (Attendance Rate 2008-2009 + Attendance Rate 2009-2010) / 2
= (94.2 + 94.3) / 2 = 94.3

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** rating is determined by these cut scores.

Participation Rate

The **Participation Rate** is based on this year's OAKS Reading, Math, and Writing.

For 2009-10, OAKS Science participation is included in the **Participation Rate** calculation.

Participation Rate

2009-2010 Participation in Statewide Assessments

Grade	Reading		Math		Writing		Science	
	Partic	Non-Partic	Partic	Non-Partic	Partic	Non-Partic	Partic	Non-Partic
3	0	0	0	0				
4	0	0	0	0	0	0		
			0	0			0	0
6	0	0	0	0				
7	0	0	0	0	0	0		
8	0	0	0	0			0	0
10	245	0	245	0	235	10	215	30

Cells shaded gray are not included in the calculations.

The **Participation Rate** is calculated by dividing the number of participants in OAKS Reading, Math, Writing, and Science by the sum of participants and non-participants.

Participation: Outstanding

Participation in Statewide Assessments = Participants / (Participants + Non-Participants)
= 940 / (940 + 40) = 95.9

Rating	In Need of Improvement	Outstanding
Participation Rate	Less than 94.5	94.5 or Higher

The **Participation Rate** rating is determined by these cut scores.

Notes

Overall School Rating

There are no notes.

Achievement Index Rating

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

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

Improvement

There are no notes.

Additional Indicators

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