# How to Read the 2008-2009 High School Report Card Detail Sheets

The 2008-2009 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, and Writing. 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<br>See pages 2 and 3 | 66.7 | Satisfactory |
| Graduation Rate<br>See page 4 | 98.7 | Outstanding |
| Participation Rate<br>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.

| 2007-08 and 2008-09 Combined | Reading | Math |
|---|---|---|
| % Meets | 49.8 | 38.1 |
| % Exceeds | 9.7 | 6.2 |
| % Meets or Exceeds | 59.4 | 44.3 |
| % Meets, Exceeds, or Meets Growth | 59.4 | 44.3 |

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

The **Achievement Index** is the average of the Reading Index and the Math Index. Note that Extended Assessments are included in calculating the index.

## 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 |

In order to promote closing the achievement gap, the **Achievement Index** assigns extra weight to the success of students in subgroups whose achievement is below the statewide average.

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

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.

| Reading | 2007-08 | | | | | | 2008-09 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 32 | 72 | 0 | 0 | 28 | | 41 | 78 | 0 | 0 | 40 | 159 |
| Economically Disadvantaged | 2 | 23 | 0 | 0 | 15 | 40 | | 23 | 0 | 0 | 30 | 58 |
| Limited English Proficient | 0 | 0 | 0 | 0 | 1 | 1 | | | | | | |
| Students with Disabilities | 1 | 2 | 0 | 0 | 9 | | | | | | | |
| Amer Ind/Alskn Ntv | 1 | 3 | 0 | 0 | 1 | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Hispanic | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 3 | 5 |
| Asian/Pacific Islander | 1 | 1 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 1 |
| White | 29 | 66 | 0 | 0 | 25 | 120 | 41 | 72 | 0 | 0 | 37 | 150 |
| Multi-Racial/Multi-Ethnic | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 |
| Column Totals (excluding White, Asian, Multi) | 36 | 101 | 0 | 0 | 55 | 192 | 47 | 107 | 0 | 0 | 86 | 240 |
| Weight | 133 | 100 | 100 | 0 | 0 | | 133 | 100 | 100 | 0 | 0 | |
| Weighted Counts | 4788 | 10100 | 0 | | | | 6251 | 10700 | 0 | | | |
| Yearly Index | ( 4788 + 10100 + 0 ) / 192 = 77.5 | | | | | | ( 6251 + 10700 + 0 ) / 240 = 70.6 | | | | | |
| Reading Index | ( 77.5 + 70.6 ) / 2 = 74.1 | | | | | | | | | | | |

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 | 2007-08 | | | | | | 2008-09 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 26 | 54 | 0 | 0 | 52 | 132 | 22 | 79 | 0 | 0 | 56 | 157 |
| Economically Disadvantaged | 3 | 14 | 0 | 0 | 23 | 40 | 2 | 22 | 0 | 0 | 32 | 56 |
| Limited English Proficient | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Students with Disabilities | 2 | 3 | 0 | 0 | 8 | 13 | 0 | 1 | 0 | 0 | 13 | 14 |
| Amer Ind/Alskn Ntv | 1 | 1 | 0 | 0 | 3 | 5 | 0 | 2 | 0 | 0 | 0 | 2 |
| African American | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hispanic | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 3 | 0 | 0 | 2 | 5 |
| Asian/Pacific Islander | 2 | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 1 |
| White | 23 | 51 | 0 | 0 | 46 | 120 | 22 | 72 | 0 | 0 | 54 | 148 |
| Multi-Racial/Multi-Ethnic | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 |
| Column Totals (excluding White, Asian, Multi) | 32 | 72 | 0 | 0 | 89 | 193 | 24 | 107 | 0 | 0 | 104 | 235 |
| Weight | 133 | 100 | 100 | 0 | 0 | | 133 | 100 | 100 | 0 | 0 | |
| Weighted Counts | 4256 | 7200 | 0 | | | 11456 | 3192 | 10700 | 0 | | | 13892 |
| Yearly Index | ( 4256 + 7200 + 0 ) / 193 = 59.4 | | | | | | ( 3192 + 10700 + 0 ) / 235 = 59.1 | | | | | |
| Math Index | ( 59.4 + 59.1 ) / 2 = 59.3 | | | | | | | | | | | |

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)

### Improvement: Not Improved

Improvement Index = 2008-09 Performance Index - 2007-08 Performance Index
= 76.2 - 74.7 = 1.5

| 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 **Improvement Index** is the difference between this year's Performance Index and last year's Performance Index. Note that Extended Assessments are included in calculating the index.

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 10

| | Weights | 2007-08 | | 2008-09 | |
|---|---|---|---|---|---|
| | | Counts | Weighted | Counts | Weighted |
| Exceeds | 133 | 23 | 3059 | 22 | 2926 |
| Meets | 100 | 117 | 11700 | 115 | 11500 |
| Nearly Meets | 67 | 29 | 1943 | 40 | 2680 |
| Low | 33 | 55 | 1815 | 49 | 1617 |
| Very Low | 0 | 8 | 0 | 8 | 0 |
| Totals | | 232 | 18517 | 234 | 18723 |
| Index | | 18517 / 232 = 79.8 | | 18723 / 234 = 80.0 | |

**Math Knowledge and Skills**
Grade 10

| | Weights | 2007-08 | | 2008-09 | |
|---|---|---|---|---|---|
| | | Counts | Weighted | Counts | Weighted |
| Exceeds | 133 | 16 | 2128 | 13 | 1729 |
| Meets | 100 | 84 | 8400 | 94 | 9400 |
| Nearly Meets | 67 | 41 | 2747 | 50 | 3350 |
| Low | 33 | 86 | 2838 | 76 | 2508 |
| Very Low | 0 | 5 | 0 | 2 | 0 |
| Totals | | 232 | 16113 | 235 | 16987 |
| Index | | 16113 / 232 = 69.5 | | 16987 / 235 = 72.3 | |

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

2007-08 Performance Index = (Reading 2007-08 + Math 2007-08) / 2
( 79.8 + 69.5 ) / 2 = 74.7

2008-09 Performance Index = (Reading 2008-09 + Math 2008-09) / 2
( 80.0 + 72.3 ) / 2 = 76.2

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 Rate

| School Year | Rate |
|---|---|
| 2007-2008 | 85.9 |
| 2008-2009 | 79.6 |

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

| **Graduation: Outstanding** | | | |
|---|---|---|---|
| Two-year Average Graduation Rate = (Graduation Rate 2007-08 + Graduation Rate 2008-09) / 2 = ( 85.9 + 79.6 ) / 2 = 82.8 | | | |
| Rating | In Need of Improvement | Satisfactory | Outstanding |
| Graduation 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.

## Attendance Rate

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

| School Year | Rate |
|---|---|
| 2007-2008 | 94.9 |
| 2008-2009 | 94.8 |

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

### Attendance: Outstanding

Two-year Average Attendance = (Attendance Rate 2007-08 + Attendance Rate 2008-09) / 2
= ( 94.9 + 94.8 ) / 2 = 94.9

| 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 2008-09, OAKS Science participation rates are displayed for information only. However, they will be used to calculate the 2009-10 **Participation Rate**.

## Participation Rate

### 2008-09 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 | | |
| 5 | | | | | | | 0 | 0 |
| 6 | | | | | | | | |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 8 | 0 | 0 | 0 | 0 | | | 0 | 0 |
| 10 | 248 | 4 | 249 | 3 | 243 | 8 | 247 | 5 |

Cells shaded gray are not included in the calculations.

* Science is included for display purposes only. Science will be included in Participation for 2009-10.

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

### Participation: Outstanding

Participation in Statewide Assessments = Participants / (Participants + Non-Participants)
= 740 / (740 + 15) = 98.0

| 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
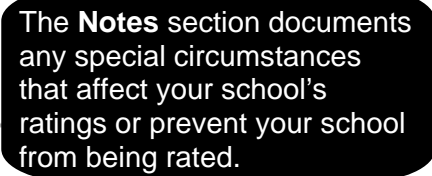
There are no notes.

### 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.