# How to Read the 2009-2010 School Report Card Detail Sheets Elementary and Middle Schools

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 Detail Sheets.

Section 1:  School Rating Summary Data

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

The **Attendance Rate** is the average of the attendance rates from the past two years for all students.  See the actual data and calculation on page 3 of the detail sheet.

## School Rating Summary Data

| Summary Data | | Rating / Comments |
|---|---|---|
| Achievement Index<br>See page 2 | 80.2 | Satisfactory |
| Attendance Rate<br>See page 3 | 95.1 | Outstanding |
| Participation Rate<br>See page 3 | 99.4 | Outstanding |
| AYP Status | MET | *If the AYP Status is Met, the Overall School Rating cannot be lower than Satisfactory.* |
| *Overall School Rating* | | Satisfactory |

The **Participation Rate** is the total participation rate for this year's OAKS Math, Reading, Writing, and Science.  See page 3 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, the Attendance Rate, and the Participation Rate, as well as the school's AYP Status.

The formula that determines the Overall School Rating begins with the Achievement Index rating and then raises it or lowers it based on the Other Indicators and AYP Status.  Here are two possible scenarios:

| Example 1 | |
|---|---|
| Achievement Index | Satisfactory |
| Attendance Rate | Satisfactory |
| Participation Rate | Outstanding |
| AYP Status | Not Met |
| **Overall Rating** | **Satisfactory** |

| Example 2 | |
|---|---|
| Achievement Index | In Need of Improvement |
| Attendance Rate | Satisfactory |
| Participation Rate | Outstanding |
| 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 | 56.6 | 54.1 |
| % Exceeds | 29.5 | 31.9 |
| % Meets or Exceeds | 86.1 | 86.1 |
| % Meets, Exceeds, or Meets Growth | 90.0 | 89.8 |

This data is provided for your convenience. A more detailed breakdown of this data is in the "Improvement in Student Performance" section of the Report Card. Note that 3rd graders and students without a test in the prior year do not have growth targets.

## Section 3: Achievement Index Rating

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

### Achievement Index Rating
### Satisfactory

School Achievement Index = ( Reading Index + Math Index ) / 2
= ( 83.7 + 76.6 ) / 2 = 80.2

| Rating | Needs Improvement | Satisfactory | Outstanding |
|---|---|---|---|
| Index Score | Less than 60.0 | 60.0 to 89.9 | 90.0 or Higher |

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.

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

## 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 |
| | Exceeds | Meets | Meets Growth Target | | | | Exceeds | Meets | Meets Growth Target | | | |
| | | | Yes | No | NA | | | | Yes | No | NA | |
| All Students | 35 | 114 | 4 | 27 | 27 | 207 | 21 | 100 | 11 | 38 | 20 | 190 |
| Economically Disadvantaged | 22 | 88 | 3 | 27 | 26 | 166 | 12 | 81 | 11 | 37 | 20 | 161 |
| Limited English Proficient | 8 | 44 | 1 | 16 | 18 | 87 | 3 | 29 | 6 | 22 | 11 | 71 |
| Students with Disabilities | 7 | 18 | 2 | 8 | 9 | 44 | 4 | 18 | 4 | 12 | 8 | 46 |
| Amer Ind/Alskn Ntv | * | * | * | * | * | * | * | * | * | * | * | * |
| Black (not of Hispanic origin) | 4 | 7 | 0 | 3 | 1 | 15 | 1 | 7 | 1 | 2 | 3 | 14 |
| Hispanic | 9 | 38 | 0 | 17 | 17 | 81 | 6 | 39 | 6 | 25 | 11 | 87 |
| Asian/Pacific Islander | 2 | 19 | 2 | 2 | 2 | 27 | 0 | 13 | 2 | 3 | 0 | 18 |
| White (not of Hispanic origin) | 16 | 34 | 0 | 2 | 3 | 55 | 13 | 32 | 2 | 4 | 4 | 55 |
| Multi-Racial/Multi-Ethnic | 4 | 12 | 2 | 2 | 1 | 21 | 0 | 8 | 0 | 2 | 1 | 11 |
| Column Totals (excluding White, Asian, Multi) | 85 | 312 | 10 | 99 | 99 | 605 | 47 | 274 | 39 | 137 | 73 | 570 |
| Weight | 133 | 100 | 100 | 0 | 0 | | 133 | 100 | 100 | 0 | 0 | |
| Weighted Counts | 11305 | 31200 | 1000 | | | | 6251 | 27400 | 3900 | | | |
| Yearly Index | ( 11305 + 31200 + 1000 ) / 605 = 71.9 | | | | | | ( 6251 + 27400 + 3900 ) / 570 = 65.9 | | | | | |
| Reading Index | ( 71.9 + 65.9 ) / 2 = 68.9 | | | | | | | | | | | |

See the next page for an explanation of the calculations.

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

3rd graders and students without a test in the prior year do not receive growth targets.

For a complete explanation of weight, see the <u>Report Card Policy</u> 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 | 109 | 155 | 4 | 11 | 10 | 289 | 117 | 139 | 6 | 15 | 18 | 295 |
| Economically Disadvantaged | 37 | 87 | 3 | 10 | 7 | 144 | 37 | 80 | 6 | 11 | 15 | 149 |
| Limited English Proficient | 10 | 25 | 1 | 5 | 5 | 46 | 8 | 33 | 5 | 3 | 7 | 56 |
| Students with Disabilities | 6 | 19 | 2 | 2 | 3 | 32 | 5 | 13 | 0 | 4 | 6 | 28 |
| Amer Ind/Alskn Ntv | -- | -- | -- | -- | -- | -- | * | * | * | * | * | * |
| Black (not of Hispanic origin) | 3 | 3 | 1 | 0 | 1 | 8 | -- | -- | -- | -- | -- | -- |
| Hispanic | 15 | 34 | 2 | 5 | 6 | 62 | 15 | 45 | 4 | 5 | 6 | 75 |
| Asian/Pacific Islander | 4 | 3 | 0 | 0 | 0 | 7 | 3 | 2 | 0 | 0 | 1 | 6 |
| White (not of Hispanic origin) | 81 | 112 | 1 | 6 | 3 | 203 | 93 | 89 | 2 | 10 | 9 | 203 |
| Multi-Racial/Multi-Ethnic | 6 | 3 | 0 | 0 | 0 | 9 | 6 | 3 | 0 | 0 | 1 | 10 |
| Column Totals (excluding White, Asian, Multi) | 180 | 323 | 13 | 33 | 32 | 581 | 182 | 310 | 21 | 38 | 53 | 604 |
| Weight | 133 | 100 | 100 | 0 | 0 | | 133 | 100 | 100 | 0 | 0 | |
| Weighted Counts | 23940 | 32300 | 1300 | | | | 24206 | 31000 | 2100 | | | |
| Yearly Index | ( 23940 + 32300 + 1300 ) / 581 = 99 | | | | | | ( 24206 + 31000 + 2100 ) / 604 = 94.9 | | | | | |
| Math Index | ( 99 + 94.9 ) / 2 = 97 | | | | | | | | | | | |

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: Additional Indicators

### *Attendance Rate*

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

| School Year | Rate |
|---|---|
| 2008-2009 | 94.2 |
| 2009-2010 | 94.3 |

## 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** is the average of the rates from the past two years.

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

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 | 32 | 0 | 32 | 0 | | | | |
| 4 | 33 | 0 | 33 | 0 | 33 | 0 | | |
| 5 | 25 | 0 | 25 | 0 | | | 25 | 0 |
| | 37 | 0 | 37 | 0 | | | | |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 8 | 0 | 0 | 0 | 0 | | | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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)
= 312 / (312 + 0) = 100

| 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.

Section 5: Notes

## Notes

### Overall School Rating

There are no notes.

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

### Achievement Index Rating

There are no notes.

### Additional Indicators

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