## Reading, Mathematics, Writing, Science, and History / Government

1. SOE is awarded at the grade and building levels. The percentage requirements for each grade are the same as those applied at the building level, e.g., the percentage requirements for grades 3 through 6 must be met at the building level for elementary schools to achieve the SOE; those of grades 7 and 8 are required for middle schools to achieve SOE, etc. In buildings with only one tested grade, only a building award will be given.
2. To receive an SOE award at the grade or building level, the building must make AYP in the "All Students" group; subgroups are not considered in calculating SOE.
3. To receive a SOE award at the grade or building level, the building must have an accredited QPA status.
4. SOE for writing will be at the building level only (criteria on page 3).
5. The Standard of Excellence calculator can be found at http://www.ksde.org/Default.aspx?tabid=2379 . Note: This is not an official KSDE calculator and is for estimation purposes only; results may differ from final Standard of Excellence calculations. Caution: The final SOE determinations count the students in each performance category *after* reclassification. When using initial results, take into consideration that the reclassification of students exceeding the 1% and 2% caps has not been included. CAUTION: Performance category numbers from the "Performance by Grade" report will include the reclassified cases after reclassification closes on July 12th. If, during the reclassification window (June 1st through July 12th), the district changes the students who have been automatically selected for reclassification, the SOE calculations could vary at the individual grade and building level.

## Grade and Building Requirements for Reading

| Reading | Minimum Percentage of Students Required in *Exemplary* | Maximum Percentage of Students Allowed in *Academic Warning* |
|---|---|---|
| Grades 3,4,5,6 | At least 25% | Not more than 5% |
| Grades 7 and 8 | At least 20% | Not more than 10% |
| High School | At least 15% | Not more than 10% |

In addition, the following are the minimum expected percentages for (1) *Exceeds Standard* or Above, (2) *Meets Standard* or Above, and (3) *Approaches Standard* or Above:

| Reading | Expected Percentage of Students Classified as *Exceeds Standard* or Above | Expected Percentage of Students Classified as *Meets Standard* or Above | Expected Percentage of Students Classified as *Approaches Standard* or Above |
|---|---|---|---|
| Grades 3,4,5,6 | 60% | 80% | 95% |
| Grade 7 and 8 | 55% | 75% | 90% |
| High School | 50% | 70% | 90% |

## Provisions for Small Schools

The percentages listed above in the *Exemplary* and *Academic Warning* categories are requirements, but when there are fewer than 20 students with valid assessments and 5% of students are allowed in the *Academic Warning* category, the grade or building will be allowed at least one student in that category. When the number of valid assessments is less than 10 and 10% of students are allowed in the *Academic Warning* category, at least one student will be allowed in that category. When the number is less than 7 and 15% of students are allowed in the *Academic Warning* category, again, at least one student will be allowed.

***These special provisions above for small schools apply to all subjects.***

## Mathematics

| Mathematics | Minimum Percentage of Students Required in Exemplary | Maximum Percentage of Students Allowed in Academic Warning |
|---|---|---|
| Grade 3,4,5,6 | At least 25% | Not more than 5% |
| Grade 7 and 8 | At least 25% | Not more than 10% |
| High School | At least 15% | Not more than 15% |

In addition, the following are the minimum expected percentages for (1) *Exceeds Standard* or Above, (2) *Meets Standard* or Above, and (3) *Approaches Standard* or Above:

| Mathematics | Expected Percentage of Students Classified as *Exceeds Standard* or Above | Expected Percentage of Students Classified as *Meets Standard* or Above | Expected Percentage of Students Classified as *Approaches Standard* or Above |
|---|---|---|---|
| Grade 3,4,5,6 | 60% | 80% | 95% |
| Grade 7 and 8 | 60% | 80% | 90% |
| High School | 40% | 70% | 85% |

## Writing

| Writing | Minimum Percentage of Students Required in Exemplary | Maximum Percentage of Students Allowed in Academic Warning |
|---|---|---|
| Grade 5 | At least 15% | Not more than 10 % |
| Grade 8 | At least 20% | Not more than 5% |
| High School | At least 20% | Not more than 10% |

In addition, the following are the minimum expected percentages for (1) *Exceeds Standard* or Above, (2) *Meets Standard* or Above, and (3) *Approaches Standard* or Above:

| Writing | Expected Percentage of Students Classified as *Exceeds Standard* or Above | Expected Percentage of Students Classified as *Meets Standard* or Above | Expected Percentage of Students Classified as *Approaches Standard* or Above |
|---|---|---|---|
| Grade 5 | 50% | 80% | 90% |
| Grade 8 | 60% | 80% | 95% |
| High School | 60% | 80% | 90% |

## Science

| Science | Minimum Percentage of Students Required in Exemplary | Maximum Percentage of Students Allowed in Academic Warning |
|---|---|---|
| Grade 4 | At least 25% | Not more than 5 % |
| Grade 7 | At least 25% | Not more than 10% |
| High School | At least 15% | Not more than 10% |

In addition, the following are the minimum expected percentages for (1) *Exceeds Standard* or Above, (2) *Meets Standard* or Above, and (3) *Approaches Standard* or Above

| **Science** | **Expected Percentage of Students Classified as *Exceeds Standard* or Above** | **Expected Percentage of Students Classified as *Meets Standard* or Above** | **Expected Percentage of Students Classified as *Approaches Standard* or Above** |
|---|---|---|---|
| Grade 4 | 65% | 80% | 95% |
| Grade 7 | 60% | 80% | 90% |
| High School | 50% | 70% | 90% |

## History-Government

| **History / Government** | **Minimum Percentage of Students Required in Exemplary** | **Maximum Percentage of Students Allowed in Academic Warning** |
|---|---|---|
| Grade 6 | At least 25% | Not more than 5 % |
| Grade 8 | At least 25% | Not more than 10% |
| High School | At least 20% | Not more than 10% |

In addition, the following are the minimum expected percentages for (1) *Exceeds Standard* or Above, (2) *Meets Standard* or Above, and (3) *Approaches Standard* or Above:

| **History / Government** | **Expected Percentage of Students Classified as *Exceeds Standard* or Above** | **Expected Percentage of Students Classified as *Meets Standard* or Above** | **Expected Percentage of Students Classified as *Approaches Standard* or Above** |
|---|---|---|---|
| Grade 6 | 65% | 85% | 95% |
| Grade 8 | 65% | 80% | 90% |
| High School | 50% | 70% | 90% |

## The Standard of Excellence Model

- At least a certain percentage of students are required in the *Exemplary* performance level. This value is the “expected” percentage of students when computing the index score.

- No more than a certain percentage of students are allowed in the *Academic Warning* performance level.

- The model compares the "expected" cumulative percentages in the tables above with the actual cumulative percentage of students in the building.

- A building Index determines how the building distribution compares to the "expected" distribution.

## Example: Grade 7 Mathematics

**Note: The Standard of Excellence calculator can be found at http://www.ksde.org/Default.aspx?tabid=2379 .**

1. At least 25% of students in *Exemplary*.
2. No more than 10% of students in *Academic Warning*.
3. Expected Distribution for a School of Excellence:
   Percentage of students at *Exceeds Standard* or above = or > 60%
   Percentage at *Meets Standard* or above = or > 80%
   Percentage at *Approaches Standard* or above = or > 90%

## The Equation

Index = (4 x (percentage of students in Exemplary minus expected percentage of students in *Exemplary*)) PLUS

(3 x (percentage of students in *Exceeds Standard* or Above minus expected percentage of students in *Exceeds Standard* or Above)) PLUS

(2 x (percentage of students in *Meets Standard* or Above minus expected percentage of students in *Meets Standard* or Above)) PLUS

(1 x (percentage of students in *Approaches Standard* or Above minus expected percentage of students in *Approaches Standard* or Above))

## Interpretation of Index Score

The grade or building can meet the Standard of Excellence in several ways. They MUST, however, have …

1. At least the required percentage in *Exemplary*.
2. No more than the allowed percentage in *Academic Warning*.
3. Have a building index greater than or equal to 0.

If Index is 0, then the building has just exactly met this requirement.
If Index is < 0, then the building did *not* meet this requirement.
If Index is > 0, then building met and exceeded this requirement.

## Building-Level Standard of Excellence

For the building level standard of excellence, the percentage requirements are applied in exactly the same way as they are at the grade level. If the highest grade served in the building is 6th or below, the criteria for grades 6 or below are applied to the building; if the highest grade served is 7th or 8th, the requirements for these grades are applied to the building; if the highest grade served is grade 9 or higher, then these same grade requirements are applied to the building.

- The criteria for grade 8 math, reading, and writing will be applied to a K-8 bldg; the criteria for HS will be applied to a 7-12 building.
- The criteria for grade 7 science will be applied to a K-8 building.
- The criteria for grade 8 history / government will be applied to K-8 building.

## Find Your Grade and School Data

To find the counts and percentages of students in each performance level for each grade, go to KSDE's web applications (http://www.ksde.org/). Scroll down and on the right side, select "Authenticated Applications".

1. Enter your user name and password.
2. Then select "AYP / QPA Accountability,"
3. then "AYP / QPA Reports,"
4. then the "Performance by Grade" report.

Note the selections at the top of the page. Select the subject. Be sure to use the *All Students* group. The population should be *Students with Valid Assessments Enrolled by Sept. 20th*. The table will give you the counts and percentages of students in each performance category. The official KSDE SOE determinations will be made *after* reclassifications have been made. (If the percentage of students taking the alternate or KAMM have exceeded federal limits and been reclassified as *approaching standard,* then the reclassified status is used in calculating SOE.)

## Standard of Excellence Calculator

An Excel spreadsheet calculator for estimating Standard of Excellence is available on the www.ksde.org web site > Assessment/Testing. Scroll down to the Assessment Documents and Resources section > click on the 2011 SOE Calculator. Note: This is not an official KSDE calculator and is for estimation purposes only; results may differ from final Standard of Excellence calculations. Caution: The final SOE determinations count the students in each performance category *after* reclassification. When using initial results, take into consideration that the reclassification of students exceeding the 1% and 2% caps has not been included. CAUTION: Performance category numbers from the "Performance by Grade" report will include the reclassified cases after reclassification closes on July 12th. If, during the reclassification window (June 1st through July 12th), the district changes the students who have been automatically selected for

reclassification, the SOE calculations could vary at the individual grade and building level.

## Rounding Conventions

The KSDE model calculates the exact percentages then rounds these percentages to the nearest tenth before deciding if a particular grade or building has met a specific percentage requirement. For example, let's say a particular 4th grade has exactly 24.9445 percent of its students who scored at exemplary in reading, but the 5th grade had exactly 24.9525 percent of its students who scored at exemplary. The model would round the 4th grade percentage to 24.9 percent and the 5th grade to 25.0. The 4th grade would *not* meet the 25 percent required for the category but the 5th grade would. Whenever there are dividing lines, some grades, or some schools, will find themselves just below the line.