

# Annual Measurable Objectives (AMO) Calculation Guide

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A school's Annual Measureable Objectives (AMOs) are comprised of three major categories:

1. **Mathematics.**
2. **Reading/Language Arts.**
3. **Additional School Indicator (Attendance or Graduation Rate).**

The AMOs are provided for each of the accountability subgroups and for all students combined. This guide defines each AMO and describes how they are calculated. In all instances a subgroup must have at least 10 students in order to calculate an AMO.

The AMO subgroups are:

- All students
- Special Education students (IEP)
- Limited English Proficiency students (ELL)<sup>1</sup>
- Regular Education students (i.e., not IEP or ELL)
- The major racial/ethnic categories
  - Black or African-American
  - Native American or Alaska Native
  - Hispanic/Latino
  - Asian
  - White
  - Two or more races
- Economically Disadvantaged

## **Mathematics**

In order to meet AMOs for Mathematics, schools must meet both a participation benchmark and performance benchmark. Mathematics AMOs include all federally required math assessments (i.e., grades 3 through 8 mathematics and Algebra I).

### **Participation**

To meet the participation benchmark, schools must have a participation rate at least 95%. The participation rate is determined by dividing the number of students with a valid score divided

by the number of students enrolled in a grade or course that culminates in a federally required mathematics test (minus any approved exemptions).

### **Performance**

To meet the performance benchmark, a school must either receive an AMO score of 70 or higher or close the gap between 80 (the maximum score possible) and the school's AMO score from last year by at least 15% (see **Appendix A** for how the AMO score is calculated).

## **Reading/Language Arts**

In order to meet AMOs for Reading/Language Arts, schools must meet both a participation benchmark and performance benchmark. Reading/Language Arts AMOs include all federally required math assessments (i.e., grades 3 through 8 reading and English II).

### **Participation**

To meet the participation benchmark, schools must have a participation rate at least 95%. The participation rate is determined by dividing the number of students with a valid score divided by the number of students enrolled in a grade or course that culminates in a federally required mathematics test (minus any approved exemptions).

### **Performance**

To meet the performance benchmark, a school must either receive an AMO score of 70 or higher or close the gap between 80 (the maximum score possible) and the school's AMO score from last year by at least 15% (see **Appendix A** for how the AMO score is calculated).

## **Additional School Indicator**

The additional school indicator is the graduation rate for high schools and the attendance rate for all other schools (or PK – 8 districts).

### **Graduation Rate**

The Graduation Index is calculated using the Federal Four Year Adjusted Cohort Rate. This is the same Graduation Rate that is used in the A - F Report Card. Because Oklahoma includes summer graduates in the calculation, graduation rate will be lagged one year for accountability purposes.

The formula for calculating the graduation rate can be found here:

[http://ok.gov/sde/sites/ok.gov.sde/files/documents/files/AtoF\\_Report\\_Card\\_Technical\\_Guide\\_8-28-2014.pdf#page=29](http://ok.gov/sde/sites/ok.gov.sde/files/documents/files/AtoF_Report_Card_Technical_Guide_8-28-2014.pdf#page=29)

To meet the graduation AMO benchmark, a school must either have a graduation rate greater than or equal to 87.0% or close the gap between 100% and the school's previously reported graduation rate by 10%.

### **Attendance Index**

The Attendance Index is calculated by dividing the total daily attendance (ADA) by the total daily membership (ADM) reported to the Office of State Aid. The Attendance Index is only calculated for the "all" students group (i.e., each subgroup does *not* have their own index).

To meet the attendance AMO benchmark, a school must have an attendance rate of greater than or equal to 95%.

## **Appendix A**

### **Calculation of the AMO Performance Score**

Points are assigned to each assessment with a valid score based on the following scale (only Full Academic Year students are included):

- Advanced = 3 points
- Proficient = 3 points
- Limited Knowledge = 2 points
- Unsatisfactory = 1 point.<sup>2</sup>

The points are then summed and divided by the total number of exams. The result is converted to a scaled score ranging from 20 to 80 via the following formula:

$$20 + ((\text{Average Points} - 1) * 30)$$

Any decimal result is rounded up to the nearest whole number

For more information or questions about the AMO calculations, please contact:

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<sup>2</sup> Federal guidelines limit the number of OAAP tests that can count as proficient or advanced for accountability purposes to 1% of the total number of students tested within a district. Any exams over this limit must be counted as “Limited Knowledge.”