

STUDENT GROWTH PERCENTILES

The Student Growth Percentiles (SGP) for applicable teachers are provided in EDS.

TEACHERS AND STUDENTS INCLUDED IN THE SGP

The teachers who receive the Student Growth Percentiles are those with

- 4th-8th grade students in math or reading
- At least 10 students

The students included in a teacher’s SGP are those who

- Were assigned to the teacher in Infinite Campus
- Were included for at least 100 days (*does not have to be consecutive days*)
- Have KPREP reading and/or math results for two consecutive years

What about “contributing professionals?”

Beyond regular classroom teachers, contributing professionals are defined as teachers who work with students in grades 4-8 in reading and/or math. These teachers have students assigned to them in Infinite Campus and are usually teachers of special education students or English Language Learners.

Information summarized from the PGES newsletter, Nov. 5, 2014

CALCULATING THE TEACHER’S SGP

A teacher’s SGP is actually a **median** score of all the students’ growth percentiles.

- A median score is calculated from the teacher’s list of students’ growth percentiles. (*The **median** is the **middle** value in the list of numbers.*)
- For an even number of students, the median is figured by averaging the two middle numbers.

KASC Example

Note: This is a simplified example for teaching purposes.

Teacher A	
Student	SGP
1	99
2	95
3	87
4	86
5	79
6	71
7	70
8	69
9	69
10	67
11	45
12	32
13	12

median

Teacher B	
Student	SGP
1	98
2	66
3	65
4	50
5	45
6	32
7	25
8	24
9	23
10	22
11	10
12	5

With an even number, the median is figured by averaging the two middle numbers.

$$(32+25) / 2 = 28.5$$

28.5 median

- KDE uses up to **three years of data**. The data available now is taken from 2011-12, 2012-13, and 2013-14. If a teacher does not have three years of data, then the data available is used.

CLASSIFYING THE TEACHER'S SGP AS LOW, EXPECTED, OR HIGH

- ❑ KDE used the SGPs for all reading and math 4th-8th teachers and found the median score was 47. Using this information, cut scores were set at the following:

Growth Percentile	Cut Scores
High	Above 65
Expected	30-65
Low Growth	Less than 30

SGP & SGG AND TEACHERS' STUDENT GROWTH RATINGS

The *Student Growth Rating* includes

- ❑ SGP, or Student Growth Percentile (provided by the state)
- ❑ SGG, or Student Growth Goal (decided locally)

The district's Certified Evaluation Plan (CEP) outlines the calculation of the *Student Growth Rating*.

The *Professional Practice Rating* and *Student Growth Rating* are combined to determine the **Overall Performance Category** for every teacher.

PROFESSIONAL PRACTICE RATING <small>Uses the Framework for Teaching as a rubric, with ratings influenced by various sources of evidence</small>	+ STUDENT GROWTH RATING <small>Uses a combination of the SGG and the SGP</small>	= OVERALL PERFORMANCE CATEGORY
Exemplary	High OR Expected	EXEMPLARY
	Low	DEVELOPING
Accomplished	High	EXEMPLARY
	Expected	ACCOMPLISHED
	Low	DEVELOPING
Developing	High	ACCOMPLISHED
	Expected OR Low	DEVELOPING
Ineffective	High	DEVELOPING
	Expected OR Low	INEFFECTIVE

Kentucky Department of Education chart with KASC explanation included