

Washington School Improvement Framework: Other Academic Indicator- English Language Arts and Mathematics Growth

How Is It Calculated?

A student growth percentile (SGP) describes a student's growth on assessments compared to other students with similar prior test scores (their academic peers). Although the calculations for SGPs are complex, information can be shared in percentile terms that are familiar to most teachers and parents.

For the WSIF, a school or student group's growth is represented by the middle (median) SGP over the most recent three years of data.

Which Grade Levels Are Included?

Growth achieved by students in grades four through eight are included.

	K	1	2	3	4	5	6	7	8	9	10	11	12
ELA and Math Growth					X	X	X	X	X				

How Is the Score Assigned?

A school's median SGP value is scored from 1 to 10 for each subject, representing that school's performance in comparison to the rest of the state. ELA and Mathematics growth will be reported separately and will be calculated for each student group within a school. ELA and Math are averaged together to create the overall Growth indicator. If one subject is missing, the present subject will be the indicator score.



What Else Is There to Know?

Students must meet a Half-Year Enrollment Requirement to be included.

SGPs require two consecutive test scores to determine a student's academic growth compared to their peers.

High schools don't have SGP data because of the gap between the 8th and 10th grade assessments.

A school must have at least 20 students in the three years of combined data in order to generate a score.

Why Is Growth Included? Why Does It Matter?

Many people are familiar with the four assessment performance levels and the typical school metric of percent meeting standard.

Student Growth Percentiles, and median Student Growth Percentiles, add another tool for looking at performance.

Instead of simply looking at a snapshot of the percent of students meeting standard on statewide tests, the SGP metric looks at the growth of individual students over time.

Additional Resources

For more information about SGPs, visit the [Student Growth Percentiles](#) webpage.

For more information about the Framework, visit the [Every Student Succeeds Act](#) webpage.

For data-related inquiries, email us at AccountabilityData@k12.wa.us