The Washington State Board of Education

An education system where students are engaged in personalized education pathways that prepare them for civic engagement, careers, postsecondary education, and lifelong learning.

2022-23 School Recognition

Overview, Business Rules, and Technical Documentation

May 15, 2024

If you have questions about the methodology, calculations, and school identifications, please contact Dr. Andrew J. Parr via email: andrew.parr@k12.wa.us.

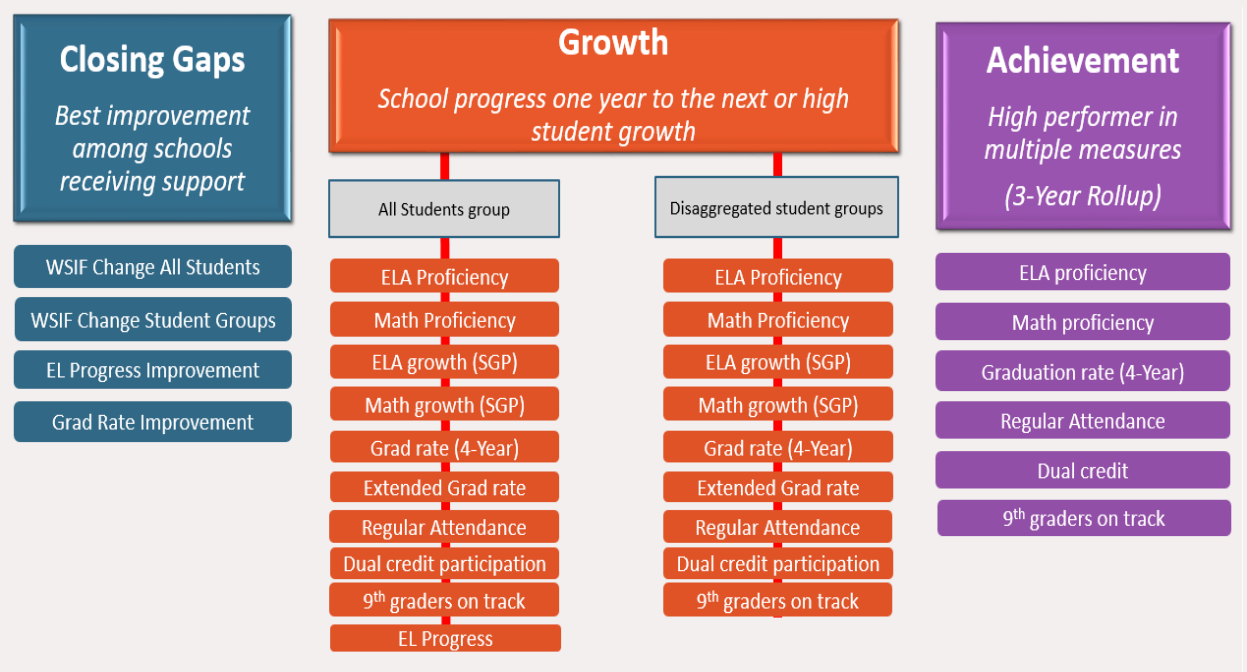
2022-23 SCHOOL RECOGNITION

Overview of the State School Recognition System

Since the spring 2018, the State Board of Education (SBE), Educational Opportunity Gap Accountability Oversight Committee (EOGOAC), and the Office of the Superintendent of Public Instruction (OSPI) have been collaborating on redesigning the Washington system of school recognition. In the spring 2019 and spring 2020 schools were recognized based on the metrics in the state accountability system as used in the Washington School Improvement Framework (WSIF).

The spring 2020 school recognition followed an approved methodology (Figure 1) providing schools with the opportunity to be identified for recognition on the basis of a high performing student group as well as the All Students group. The methodology developed by the workgroup was adopted by the SBE at the January 2020 board meeting, and was presented to the Board and collaborating partner meetings in the following March. The approved methodology relied on the three-year WSIFs from one year to the next, and the annual WSIF data from the two most recent years.

Figure 1: shows the simplified school recognition methodology for the 2018-19 school year.



Data from which to identify schools for recognition should have come entirely from the 2020-21, 2021-22, and the 2022-23 school years. Because of the data availability issues related to the COVID pandemic, the winter 2024 WSIF scores were derived from the five most recent school years (Figure 2).

Figure 2: shows the data elements used for the winter 2024 WSIF.

ESSA Accountability Term		School Year				
Indicator	**Measure**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**
Student Academic Achievement	ELA Proficiency	√	N/A	N/A	√	√
	Math Proficiency	√	N/A	N/A	√	√
Other Academic Achievement	ELA SGP	√	N/A	N/A	N/A	√
	Math SGP	√	N/A	N/A	N/A	√
Graduation Rate	4-Year Adjusted Cohort			√	√	√
	Extended Cohorts			√	√	√
School Quality or Student Success (SQSS)	Regular Attendance		Adjusted (Sept-Feb)	N/A	√	√
	Ninth Grade on-Track			√	√	√
	Dual Credit			√	√	√
English Language Proficiency (ELP) Progress	ELP Progress					WIDA (2022 to 2023)

From an OSPI document on the identification of schools from the winter 2023 WSIF on the OSPI website.

2022-23 State School Recognition System

Overview of the Recognition Routes

The currently approved school recognition methodology follows the overarching approach of identifying schools through any of three routes shown on Figure 1: Closing Gaps, Growth, and Achievement. Each of the routes relies on multiple measures.

- Closing Gaps: recognizes schools previously identified for ESSA Comprehensive or Targeted Supports demonstrating substantial improvements for the school or student groups for which the school was identified and meeting other requirements.
- Growth: recognizes schools where the All Students group or other student groups are making the largest annual gains on multiple WSIF measures and meeting other eligibility requirements including the High/Low Gap measure for the All Students group.
- Achievement: recognizes the highest achieving schools on ELA and math proficiency, high school graduation rate, and the School Quality and Student Success (SQSS) measures, and meeting the winter 2024 WSIF performance requirement (all student performing at 6.0 or higher on the winter 2024 WISF, which is higher than the state average).

CLOSING GAPS ROUTE

Schools identified for Targeted (Tiers 1 and 2) or Comprehensive (Tier 3) support in the winter 2023 WSIF version are preliminarily identified for recognition when any of the following criteria are met. Also, a school must meet the assessment participation requirements in ELA and math for the spring 2022 and spring 2023 statewide assessments.

a. For Comprehensive supports schools, the All Students group must post a gain of at least 0.6765 decile points (top 20 percent threshold cut) from the winter 2023 WSIF to the winter 2024 WSIF, score above the 2.19 threshold identification score, and no student group may post a decline from the winter 2023 to the winter 2024 WSIF.
b. For Targeted support schools, all of the school's student groups with a 2023 WSIF score less than 2.19 must not decline from the winter 2023 WSIF to the winter 2024 WSIF. In addition, at least two-thirds of the identified student groups must post an increase of at least 0.6765 decile points from the winter 2023 WSIF to the winter 2024 WSIF. Also, no new student groups may fall below the 2.19 threshold cut and at least one student group previously identified for Targeted Support must move above the 2.19 threshold cut.
c. Schools identified in the winter 2023 WSIF version for Tier 2: Targeted-Low EL Progress supports must post an EL Progress rate higher than the winter 2023 WSIF threshold cut (13.4 percent) for EL Progress identification. In addition, the school must not place in the bottom decile on the EL Progress measure, and not be identified for Targeted EL Progress supports in the most recent WSIF version.
d. Schools identified in the winter 2023 WSIF version for Tier 3: Comprehensive Low Grad Rate must post a four-year graduation rate of at least 66.7 percent for the class of 2023.

GROWTH ROUTE

ALL STUDENTS GROUP

The currently approved methodology for the Growth route for the All Students group is unchanged from the Phase 1 recognition methodology, except that the identification threshold is higher. All schools are eligible to be identified on the basis of posting the largest gains in annual performance on any of a number of different measures that include proficiency rates, student growth percentiles, four-year graduation rate, extended graduation rate, EL Progress rate, and each SQSS measure. The measures are generally defined (Table A1) as follows:

- The change in the ELA and math proficiency rates is sufficiently large to place the school in the top 10 percent of schools, and the school meets additional participation requirements.
- The student growth percentiles (SGPs) in ELA and math are sufficiently large to place the school in the top 10 percent of schools, and the school meets additional participation requirements.
- The change in the four-year graduation rate is sufficiently large to place the school in the top 10 percent of schools.

- The extended graduation rate measure from the winter 2024 WSIF is amongst the top 10 percent of schools.
- The annual percentage of English learner students making progress is among the top 10 percent of schools.
- The annual change in the school performance on the regular attendance measure is sufficiently large to place the school in the top 10 percent of schools.
- The annual change in the school performance on the 9th grade on-track measure is sufficiently large to place the school in the top 10 percent of schools.
- The annual change in the school performance on the dual credit completion measure is sufficiently large to place the school in the top 10 percent of schools.

To identify a school under the Growth route for the All Students group, the school must have posted outcomes (year-to-year changes) in the top 10 percent of schools on at least 60 percent of the reportable measures for which the group at the school was eligible. The school will not be identified if the only top performing measure was the regular attendance metric. The school must also meet the assessment participation requirements in ELA and math for the spring 2022 and spring 2023 statewide assessments and the school must have been open for at least the two most recent years. Finally, the school must have met the requirement of reducing the WSIF High/Low Gap from the winter 2023 WSIF to the winter 2024 WSIF.

STUDENT GROUPS

For a school to be identified under the Growth route for a student group, at least one student group at the school must have posted outcomes in the top 10 percent of schools on at least 60 percent of the measures for which the student group at the school was eligible. A student group at a school will not be identified if the only top performing measure was the regular attendance metric. The school must also meet the assessment participation requirement in ELA and math for the spring 2022 and spring 2023 statewide assessments.

ACHIEVEMENT ROUTE

The approved methodology for the Achievement route is unchanged from the Phase 1 recognition methodology. All schools are eligible to be identified through the achievement route on the basis of placing among the highest performers on ELA and math proficiency, four-year high school graduation rate, and SQSS measures. A school qualifies for recognition under the Achievement route if at least two of the following criteria are met.

a. The All Students group at the school performed in the top 20 percent of schools on the three-year proficiency rate for the ELA assessment.
b. The All Students group at the school performed in the top 20 percent of schools on the three-year proficiency rate for the math assessment.
c. The All Students group at the school performed in the top 20 percent of schools on the four-year high school graduation rate aggregated over three years.
d. The All Students group at the school performed in the top 20 percent of schools on the dual credit completion rate.

e. The All Students group at the school performed in the top 20 percent of schools on the 9th graders on-track rate.
f. The All Students group at the school performed in the top 20 percent of schools on the regular attenders rate.

To be identified for recognition under the achievement route, the All Students group and all other reportable student groups must have posted a winter 2024 WSIF rating of 6.00 or higher. The school is also required to meet the ESSA participation requirements on the winter 2024 WSIF and the school must have been open for at least the two most recent years.

BUSINESS RULES AND OTHER DETAILS

High/Low Gap Eligibility

Data Source: winter 2023 WSIF and the winter 2024 WSIF, final school (decile) scores or ratings for race/ethnicity student groups and the program-based student groups. The final school (decile) score for a group requires a minimum of 20 student records (aggregated over three years) and the reporting of a minimum number of measures or indicators depending on school level

Overarching Idea: to determine whether the gap between the highest and lowest performing groups on the WSIF at a school is being reduced from one year to the next.

Eligibility Requirements: applied to the Growth route for the All Students group. The gap between the highest and lowest groups on the WSIF must be declining and neither the highest nor the lowest group may post a decline on the WSIF from one year to the next

Calculations:

- Compute winter 2023 Hi/Low Gap: Identify the highest and lowest performing groups on the winter 2023 WSIF and compute the WSIF gap as the winter 2023 highest WSIF score minus the winter 2023 lowest WSIF score.
- Compute winter 2024 Hi/Low Gap: Identify the highest and lowest performing groups on the winter 2024 WSIF and compute the WSIF gap as winter 2024 highest WSIF score minus the winter 2024 lowest WSIF score.
- Compute the change in the Hi/Low Gap as the winter 2024 Hi/Low Gap minus the winter 2023 Hi/Low Gap. Three outcomes are possible:
    - A positive value means the 2024 Hi/Low Gap increased from the winter 2023 Hi/Low Gap, so the All Students group for the school would not qualify for recognition via the Growth route.
    - A value of zero means the winter 2024 Hi/Low Gap was unchanged from the winter 2023 Hi/Low Gap, so the All Students group for the school would not qualify for recognition via the Growth route because the gap was not reduced.

    - A negative value means the winter 2024 Hi/Low Gap decreased from the winter 2023 Hi/Low Gap, so the All Students group for the school could qualify for recognition via the Growth route provided other criteria are met.
- Compute the change in the minimum (MIN or lowest) from the winter 2023 WSIF to the winter 2024 WSIF as the 2024 MIN minus the 2023 MIN. If the computed value is positive or zero, the MIN value increased or was unchanged, so the school could be recognized if other criteria are met.
- Compute the change in the maximum (MAX or highest) from the winter 2023 WSIF to the winter 2024 WSIF as the 2024 MAX minus the 2023 MAX. If the computed value is positive or zero, the MAX value increased or was unchanged, so the school could be recognized if other criteria are met.

Participation Rate Eligibility

Data Sources: winter 2024 WSIF (3-year rollup) and the 2022 and 2023 annual unsuppressed WSIF files from SBE/OSPI data sharing agreement.
Overarching Idea: to determine whether or not schools and student groups met the participation requirements on the statewide assessments.
ESSA Participation Eligibility Requirements: the All Students group must meet ESSA assessment participation requirements for both the ELA and math as reported in the 3-year WSIF. All schools must meet this requirement for recognition.
Annual Participation Eligibility Requirements: A separate participation calculation is derived separately for ELA and math from the unsuppressed annual files for use in the Growth proficiency rate change calculations.

Change in WSIF Scores for Closing Gap Calculations

Data Source: winter 2023 WSIF and the winter 2024 WSIF, final decile scores or ratings for race/ethnicity student groups and the program-based student groups. The final decile score for a group requires a minimum of 20 student records (aggregated over three years) and the reporting of a minimum number of measures or indicators depending on school level
Overarching Idea: to determine whether a student group met the minimum improvement in WSIF decile points for possible recognition.
Eligibility Requirements: applied to the Closing Gaps route for the Comprehensive and Targeted Support schools. The change in the WSIF score from the winter 2023 WSIF to the winter 2024 WSIF for a Targeted student group must be in the top 20 percent of schools.
Prerequisite Knowledge: to make the recognition identification, the support tier must be known and the student groups leading to Targeted Support identification must also be known.
Calculations:
Determine whether the All Students group at a **Tier 3: Comprehensive Support** school made a sufficient gain and met other criteria to be preliminarily recognized for recognition.

Determine whether an identified student group at a **Tier 1 or Tier 2: Targeted Support** school made a sufficient gain and met other criteria to be preliminarily identified for recognition.

Improvement in Graduation Rate for Closing Gap Calculations

Identify whether or not a **Tier 3: Comprehensive Low Grad** School made an improvement in graduation rate that is now above the 67 percent threshold cut point. Remove flag if participation requirement not met.

Improvement in EL Progress Rate for Closing Gap Calculations

Identify whether or not a **Tier 2: Targeted EL Progress** School made an improvement in the EL Progress rate that is now above the threshold cut point. Remove flag is participation requirement not met.

Change in Performance for the Growth Route

Data Sources: 2022 and 2023 annual unsuppressed WSIF files from SBE/OSPI data sharing agreement.
Overarching Idea: to determine whether the change in performance for the All Students group and student groups are in the top 10 percent of schools on reportable measures, provided participation requirements are met on certain measures.
Eligibility Requirements: at least 60 percent of the reportable measures for a student group at a school is in the top 10 percent of all schools for that group.
Other Important Information: For the ELA and math proficiency rate changes, a participation rate of less than 95 percent in 2022 or 2023 will result in "no harm", as the record will be removed from the numerator and denominator calculations. A student group must have at least 10 valid records in both years to result in a reportable value. The top 10 percent threshold cut points for each measure are included in Tables 1 and 2. A school will be not be identified for recognition via the Growth route if the regular attendance measure is the only reportable measure. A school must have been open for the two most recent years as indicated by information in the annual unsuppressed data files.
Calculations:
Calculations:
Determine the **number and percentage** of measures in the top ten percent of schools for the All Students group.

- Compute the total number of measures reportable for the All Students group.
- Compute the total number of measures in the top 10 percent of schools for the All Students group
- Calculate the percent of reportable measures in the top 10 percent for the All Students group.
- Repeat for all seven race/ethnicity and all three program (EL, FRL, and SWD) student groups student groups

Achievement Route

Data Sources: Washington School Improvement Framework (winter 2024 WSIF) suppressed public file with data aggregated over three years.
Overarching Idea: to determine whether or not the performance for the All Students group is in the top 20 percent of schools on two or more of the measures.
Eligibility Requirements: at least two of the six possible measures for the All Students group at a school are in the top 20 percent of all schools.
Other Important Information: The All Students group must have at least 20 valid records to result in a reportable value. The top 20 percent threshold cut points for each measure are included in the business rules below. In addition to meeting the participation requirements, all reportable student groups at the school must school must have achieved a WSIF rating of at least 6.00 on the winter 2024 WSIF. A school must have been open for the two most recent years per the public data file.
Calculations:

- Determine whether the All Students group **ELA proficiency rate** is in the top 20 percent of schools
- Determine whether the All Students group **math proficiency rate** is in the top 20 percent of schools
- Determine whether the All Students group **four-year graduation rate** is in the top 20 percent of schools
- Determine whether the All Students group **Regular Attendance rate** is in the top 20 percent of schools
- Determine whether the All Students group **9th Grade On-Track rate** is in the top 20 percent of schools
- Determine whether the All Students group **Dual Credit Completion rate** is in the top 20 percent of schools
- Determine whether all reportable student groups posted a **score of at least 6.00** on the winter 2024 WSIF as a qualifying criteria.

Additional Information

GROWTH ROUTE - THRESHOLD CUT POINTS FOR THE ALL STUDENTS GROUP

Table 1: includes a brief description of the Phase 2 data elements for the Growth route and the top 10 percent threshold cut points for each of the ten possible reportable measures for the All Students group.

Data Element	Data Definition	Threshold Top 10 Percent (All Students Group)
2022 and 2023 ELA Proficiency Rate Change	Change in ELA proficiency rate from 2022 to 2023 if the participation rate was ≥ 95 percent for both years.	7.3131 pp
2022 and 2023 Math Proficiency Rate Change	Change in math proficiency rate from 2022 to 2023 if the participation rate was ≥ 95 percent for both years.	8.0304 pp
2022 ELA SGP	ELA median SGP	62.00
2022 Math SGP	Math median SGP	64.00
2022 and 2023 Four-Year Graduation Rate Change	Change in the Four-Year graduation rate from 2022 to 2023	12.5381 pp
Extended Graduation Rate Change	Change in the graduation rate (Four- to Seven-Year) in the winter 2024 WISF	22.4320 pp
2023 EL Progress	EL Progress rate in the 2023 annual file	63.1579 %
2022 and 2023 Regular Attendance Rate Change	Change in Regular Attendance rate from 2022 to 2023	13.8929 pp
2022 and 2023 9th Graders On-Track	Change in the 9th Graders On-Track rate from 2022 to 2023	12.2008 pp
2022 and 2023 Dual Credit Completion Rate Change	Change in the Dual Credit completion rate from 2022 to 2023	15.2599 pp

*Note" pp = percentage points.

GROWTH ROUTE - THRESHOLD CUT POINTS FOR STUDENT GROUPS

Table 2: shows the threshold values for metric changes for the top 10 percent of schools by student group from the 2022 and 2023 annual files.

	ELA PRO Change	MATH PRO Change	ELA SGP	MATH SGP	GRAD RATE Change	EXT GRAD RATE	DUAL CREDIT Change	ON TRACK Change	REG ATTEN Change
	Top Decile	Top Decile	Top Decile	Top Decile	Top Decile	Top Decile	Top Decile	Top Decile	Top Decile
All Students	7.3131	8.0304	62.00	64.00	12.5381	22.4320	15.2599	12.2008	13.8929
Native American	13.3189	9.8626	56.70	54.50	37.4356	35.8333	20.5897	14.6241	21.7972
Asian	12.0086	15.4458	72.00	74.00	7.1429	16.6667	17.0687	13.3256	11.8468
Black	15.0000	16.1543	66.30	65.00	12.1390	18.8340	21.2613	20.2406	18.8889
Hispanic	12.5039	12.5000	61.00	63.00	12.8113	24.9405	18.2820	16.6242	17.9285
White	8.5383	10.4805	64.50	65.50	13.4163	20.6523	15.1048	12.5794	14.7686
Pacific Islander	17.7846	16.5455	64.30	66.50	15.7143	27.9515	22.3065	16.3333	23.5897
Two or More Races	14.9872	15.9909	69.00	68.00	12.6597	22.5091	18.0554	13.3308	19.2308
English Learner	15.6141	15.8164	57.00	62.00	15.5436	28.7937	19.8983	19.7141	19.8739
Low-Income	9.5604	10.8631	59.50	62.00	16.0832	22.6571	16.4433	13.9947	16.6147
Special Education	11.4707	10.1893	57.00	59.15	17.8571	33.7105	17.4030	18.8215	18.3847

*Note: each change is shown in percentage points change computed as the 2023 value minus the 2022 value. A positive result means the 2023 value was greater than the 2022 value indicating that the group at the school demonstrated improvement on the educational outcome measure. Low Income refers to the students qualifying for the Free and Reduced Price Lunch program. Student Growth Percentiles (SGP) use the year-to-year change in the calculation and the values shown here is the 90th percentile median value for a school.

ACHIEVEMENT ROUTE - THRESHOLD CUT POINTS

Table 3: shows the threshold values for Achievement measures for the top 20 percent of schools for the All Student group from the winter 2024 WSIF.

	ELA Proficiency Rate	Math Proficiency Rate	Four-Year Graduation Rate	Dual Credit Completion Rate	9th Grade On-Track Rate	Regular Attendance Rate
	Top Quintile	Top Quintile	Top Quintile	Top Quintile	Top Quintile	Top Quintile
All Students	69.7152	58.4313	92.4967	69.5834	86.7133	86.0303

Note: all rates are percentages.