

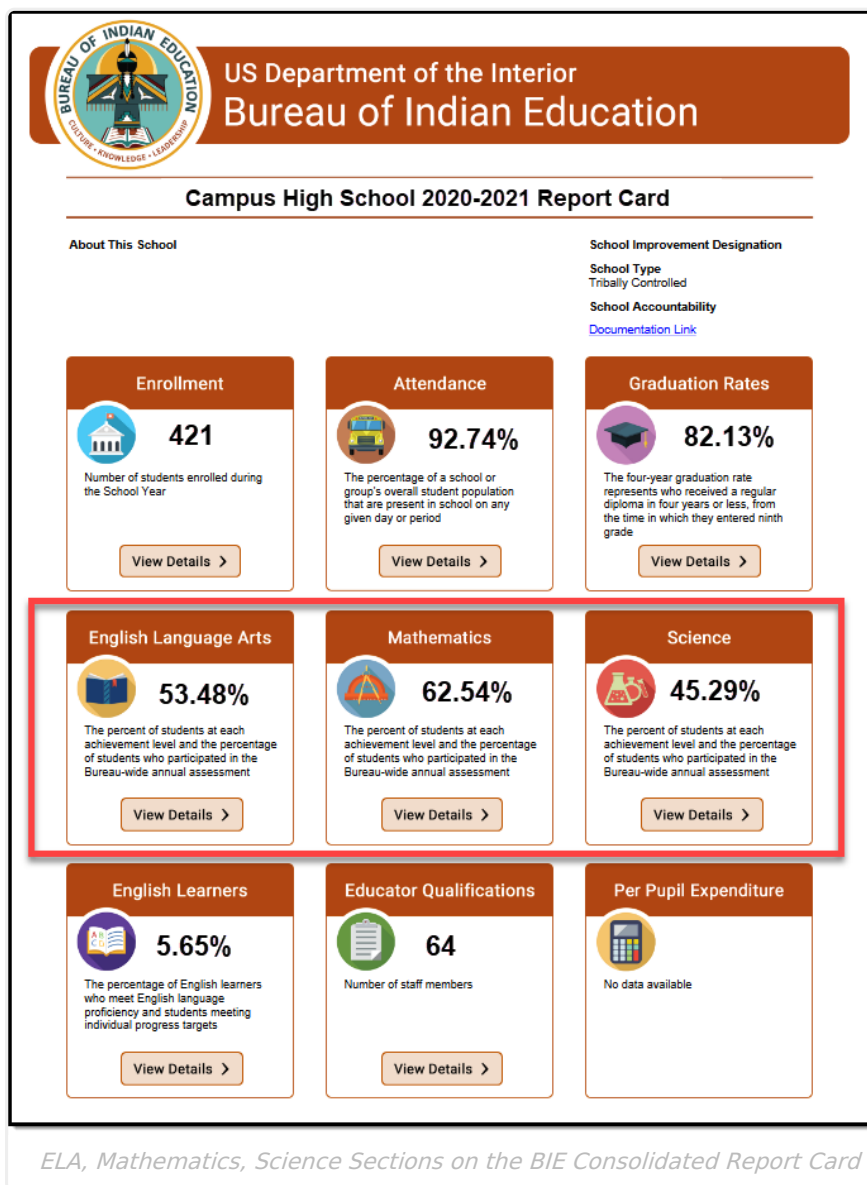
# ELA, Mathematics, Science - BIE Consolidated Report Card

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The English Language Arts, Mathematics, and Science sections of the BIE Consolidated Report Card detail the proficiency levels of BIE students who participated in the Bureau-wide annual assessment. The overall participation goal established by the BIE is a participation rate of 95% or higher for each of the three sections.



**Logic**

These sections of the BIE Consolidated Report Card use student data records stored on the certification table of the [BIE Assessment Data Mart](#). Additional logic can be reviewed in the [Logic](#) section of the BIE Assessment Data Mart article.

► [Click here to expand...](#)

## Calculations:

### Participation Calculation

The participation rate is based on the number of students who are enrolled within the school for the entire testing window and take the annual assessment. If a student is enrolled with the school during the entire testing window and does not complete one or more items, the student will be included in the non-participation calculation.

$$(\text{Sum of students who participated in a Regular Assessment} / \text{Sum of All Students}) * 100$$

$$(\text{Sum of students who participated in an Alternate Assessment} / \text{Sum of All Students}) * 100$$

$$(\text{Sum of students who did not participate in any assessment} / \text{Sum of All Students}) * 100$$

### Proficiency Calculation

Proficiency indicates what level of understanding students have reached based on a standard assessment and is broken down by student demographic subgroups.

#### Individual School Calculation:

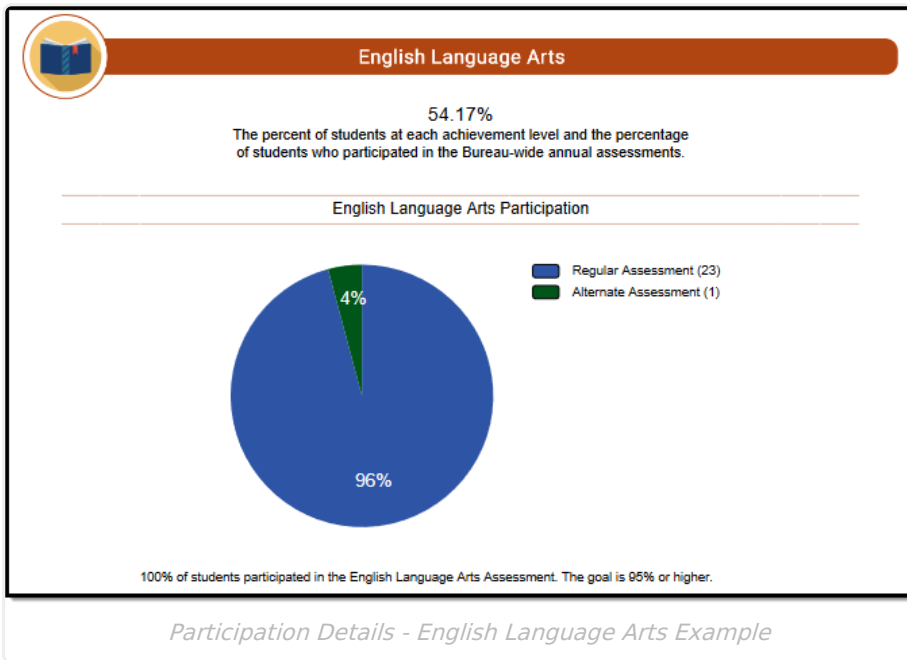
$$(\text{Sum of students in subgroup} / \text{Sum of 'All Students'}) * 100$$

#### BIE Calculation:

$$(\text{Sum of students in subgroup (across all BIE schools)} / \text{Sum of 'All Students' (across all BIE schools)}) * 100$$

## Participation

Participation reflects the number of students who have participated in the Bureau-wide annual assessment. Students who do not take the assessment are counted as a non-participant in the participation calculation.



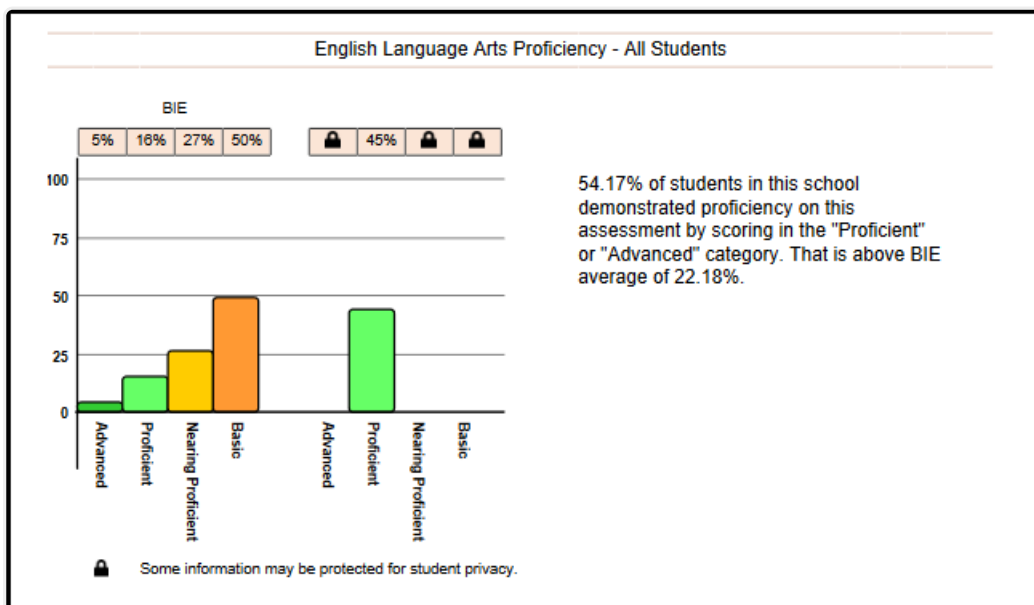
Element	Description	Location
The participation goal for each assessment area is 95% or higher.		
<b>Did Not Participate</b>	<p>Reflects the percentage of students whose participation status was "did not participate".</p> <p>If a student is enrolled within the school during the entire testing window and does not complete one or more items, the student will be counted as a nonparticipant. Students must be enrolled within the school for the entire testing window and take the annual assessment to be considered as participated and included in the participation calculation.</p>	<p><b>Data Mart:</b> BIE Assessment Data Mart</p> <p><b>Data Table:</b> BIEDMAssessmentCertification</p> <p><b>Element:</b> testType of ELA testType of MTH testType of SCI participationStatus</p>
<b>Regular Assessment</b>	<p>Reflects the percentage of students whose participation status indicates they took a regular assessment.</p>	<p><b>Data Mart:</b> BIE Assessment Data Mart</p> <p><b>Data Table:</b> BIEDMAssessmentCertification</p> <p><b>Element:</b> testType of ELA testType of MTH testType of SCI</p>

Element	Description	Location
<b>Alternate Assessment</b>	Reflects the percentage of students whose participation status indicates they took an alternate assessment.	<b>Data Mart:</b> BIE Assessment Data Mart <b>Data Table:</b> BIEDMAssessmentCertification <b>Element:</b> testType of ELA testType of MTH testType of SCI

## Proficiency

Proficiency reflects the level of understanding students have reached based on a standard assessment. Proficiency levels include: Advanced, Proficient, Nearing Proficient, and Basic. Students comprising the Proficient and Advanced percentages have demonstrated an understanding at or above the standard for their grade level.

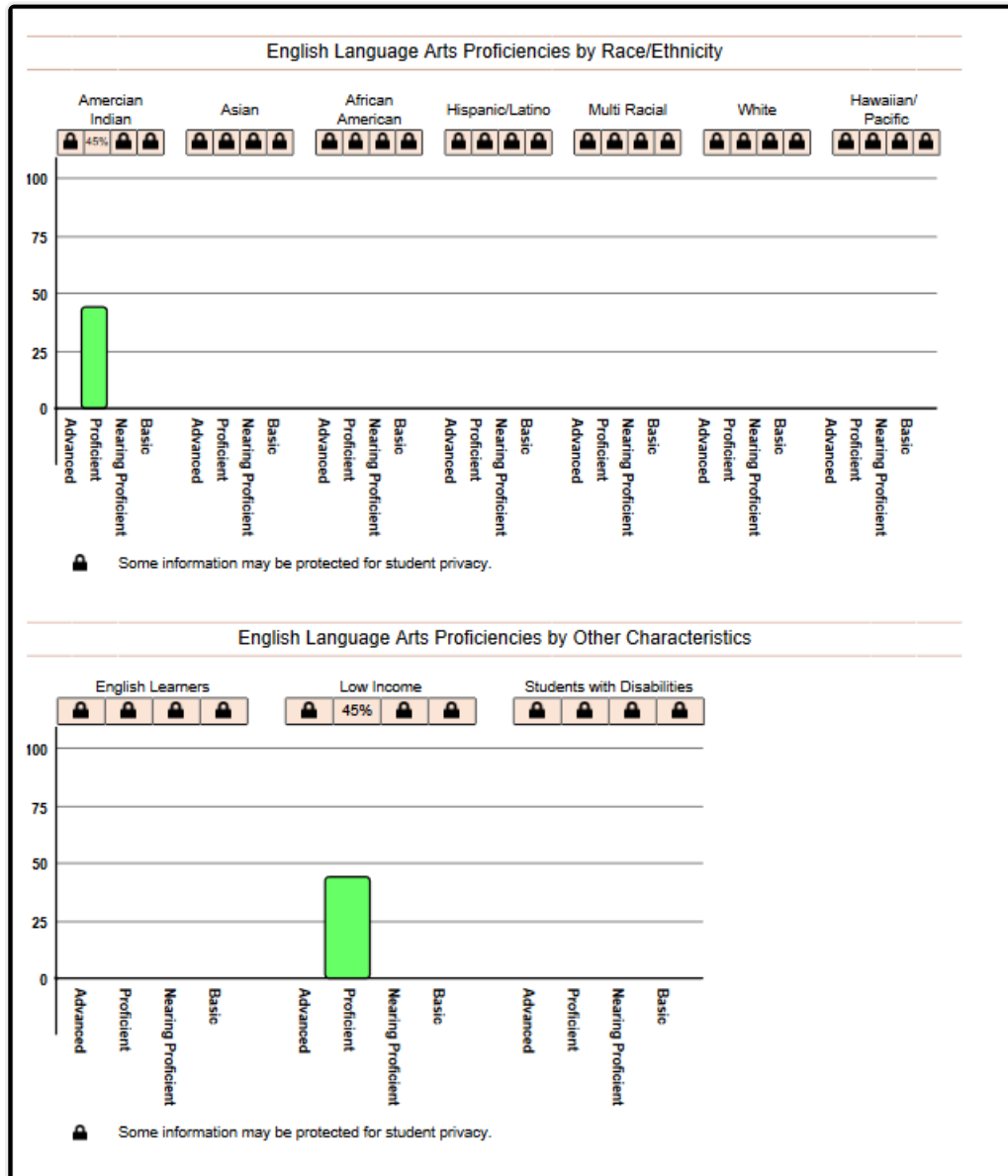
If a demographic subgroup has **ten or fewer** students, a lock icon displays for the subgroup to protect student privacy and prevent student identification.



English Language Arts Proficiency

Skill Level	Description
Advanced	Reflects the percentage of students whose proficiency level is Advanced (Level 4).

Skill Level	Description
Proficient	Reflects the percentage of students whose proficiency level is Proficient (Level 3).
Nearing Proficient	Reflects the percentage of students whose proficiency level is Nearing Proficient (Level 2).
Basic	Reflects the percentage of students whose proficiency level is Basic (Level 1).



English Language Arts Proficiencies- By Race/Ethnicity and Other Characteristics

## Field Descriptions

Demographic data reported for the English Language Arts, Mathematics, and Science sections of the BIE Consolidated Report Card is collected from the BIE Assessment Data Mart. Refer to the [BIE](#)

[Assessment Data Mart Reported Fields](#) section of the [BIE Assessment Data Mart](#) article for additional field information and logic.

Field Name	Description	Location
<b>Proficiency By Race/Ethnicity</b>		
<b>Race/Ethnicity</b>	<p>Reflects the total percentage of student proficiencies broken down by Race/Ethnicity.</p> <p><b>Data mart logic used:</b> Reports the student's Federal Designation race/ethnicity of their current identity.</p>	<p><b>Data Mart:</b> BIE Assessment Data Mart</p> <p><b>Data Table:</b> BIEDMAssessmentCertification</p> <p><b>Element:</b> testType of ELA, raceEthnicity testType of MTH, raceEthnicity testType of SCI, raceEthnicity</p>
<b>Proficiencies By Other Characteristics</b>		
Reflects the total percentage of student proficiencies broken down by Other Characteristics.		
<b>All Students</b>	<p>Calculated.</p> <p>Students must have an enrollment to a BIE school a NASIS ID to be included.</p>	<p><b>Data Mart:</b> BIE Assessment Data Mart</p> <p><b>Data Table:</b> BIEDMAssessmentCertification</p> <p><b>Element:</b> testType of ELA, total nasisID testType of MTH, total nasisID testType of SCI, total nasisID</p>
<b>English Learners</b>	<p>Calculated to report as a percentage.</p> <p><b>Data mart logic used:</b> Refer to the <a href="#">English Learner</a> description of the <a href="#">BIE Assessment Data Mart</a></p>	<p><b>Data Mart:</b> BIE Assessment Data Mart</p> <p><b>Data Table:</b> BIEDMAssessmentCertification</p> <p><b>Element:</b> testType of ELA, englishLearner testType of MTH, englishLearner testType of SCI, englishLearner</p>

Field Name	Description	Location
<b>Low Income</b>	Calculated to report as a percentage. <b>Data mart logic used:</b> Status of 'Y' always reports.	<b>Data Mart:</b> BIE Assessment Data Mart <b>Data Table:</b> BIEDMAssessmentCertification <b>Element:</b> testType of ELA, disadvantaged testType of MTH, disadvantaged testType of SCI, disadvantaged
<b>Students with Disabilities</b>	Calculated to report as a percentage. <b>Data mart logic used:</b> Reports the code of the student's primary disability from their latest LOCKED BIE IEP or BIE IEP with Transition plan.	<b>Data Mart:</b> BIE Assessment Data Mart <b>Data Table:</b> BIEDMAssessmentCertification <b>Element:</b> testType of ELA, disability testType of MTH, disability testType of SCI, disability
<b>Proficiencies by Residence</b> Reflects the total percentage of student proficiencies broken down by Residence.		
<b>All Students</b>	Calculated. Students must have an enrollment to a BIE school a NASIS ID to be included.	<b>Data Mart:</b> BIE Assessment Data Mart <b>Data Table:</b> BIEDMAssessmentCertification <b>Element:</b> testType of ELA, total nasisID testType of MTH, total nasisID testType of SCI, total nasisID
<b>Foster Students</b>	Calculated. <b>Data mart logic used:</b> Reports Y if the student's Foster Care record(s) fall within the start and end dates of their primary enrollment. Otherwise, N reports.	<b>Data Mart:</b> BIE Assessment Data Mart <b>Data Table:</b> BIEDMAssessmentCertification <b>Element:</b> testType of ELA, fosterCare testType of MTH, fosterCare testType of SCI, fosterCare

Field Name	Description	Location
<b>Homeless</b>	Calculated. <b>Data mart logic used:</b> Reports the student's Homeless Nighttime Residence code.	<b>Data Mart:</b> BIE Assessment Data Mart <b>Data Table:</b> BIEDMAssessmentCertification <b>Element:</b> testType of ELA, homeless testType of MTH, homeless testType of SCI, homeless
<b>Migrant</b>	Does not calculate. The BIE does not have migrant students. <b>Data mart logic used:</b> Reports as N.	<b>Data Mart:</b> BIE Assessment Data Mart <b>Data Table:</b> BIEDMAssessmentCertification <b>Element:</b> testType of ELA, migrant testType of MTH, migrant testType of SCI, migrant
<b>Military Family</b>	Calculated. <b>Data mart logic used:</b> Reports Y if the Military Connected check box is marked on the student's primary enrollment. Otherwise, N reports.	<b>Data Mart:</b> BIE Assessment Data Mart <b>Data Table:</b> BIEDMAssessmentCertification <b>Element:</b> testType of ELA, militaryConnectionStatus testType of MTH, militaryConnectionStatus testType of SCI, militaryConnectionStatus

## Other Sections

The BIE Consolidated Report Card includes the following sections:

- [Summary](#)
- [Enrollment](#)
- [Attendance](#)
- [Graduation Rates](#)
- [English Language Arts, Mathematics, Science](#)
- [English Learners](#)
- [Educator Qualifications](#)