



**SIRS-106 Elementary/Middle-Level Achievement Accountability Report  
Level 2 Reporting (L2RPT)  
Report Guide**

Last updated: July 17, 2019

**Change Log**

July 17, 2019

Clarification that not tested students are counted as Level 1 for Weighted Performance Index if 95% of continuously enrolled tested and not tested students is used as the denominator.

**About the Reports**

The *SIRS-106 Elementary/Middle-Level Achievement Accountability Report* allows districts and schools to view data they reported in the Student Information Repository System (SIRS) that will be used to determine Participation Rate as well as Performance and Progress for making elementary/middle-level accountability determinations under New York State's State Plan to comply with the Every Student Succeeds Act (ESSA). For more information about the State Plan, the New York State accountability system, and how each of the accountability measures is used to determine school and district accountability statuses, please visit: [Office of Accountability – Every Student Succeeds Act \(ESSA\)](#).

This report does not need to be certified; however, it should be reviewed. The underlying data used to create this report are in the SIRS-302 Tested/Not Tested Confirmation All Assessments Report, which is required to be certified.

This report includes a **summary report** that includes elementary/middle-level ELA and mathematics participation rates; and ELA, math, and science Performance Indices aggregated by student subgroup. This report also includes a **detail report** that includes student-level demographic and assessment data for students in the summary reports.

**Assessment Participation:** At the elementary/middle level, students reported in SIRS as enrolled in grades 3-8 (or ungraded age equivalent to grades 3-8) in the reporting year are used to determine a school's or district's participation rate in English and mathematics for accountability purposes. Students with valid scores on a New York State Testing Program (NYSTP) grades 3-8 ELA or math test, New York State English as a Second Language Achievement Test (NYSESLAT) for students in U.S. schools for less than one year, a Regents math test taken in lieu of the grade 7 or 8 NYSTP in math, or the New York State Alternate Assessment (NYSAA) (if eligible) earned in the reporting year are counted as tested for participation purposes.

**Performance:** At the elementary/middle level, Performance is determined using two different groups of students: 1) continuously enrolled tested students (used to calculate a Core Subject Index), and 2) the greater of continuously enrolled tested students and 95% of

continuously enrolled students (used to calculate a Weighted Average Index). These indices are determined in English for students in grades 3-8 (and ungraded age equivalent students) combined, math for students in grades 3-8 (and ungraded age equivalent students) combined, and science for students in grades 4 and 8 (and ungraded age equivalent students) combined. Assessments used to determine these indices are the NYSTP grades 3-8 ELA and math tests, Regents math tests taken in lieu of the grade 7 or 8 NYSTP in math, Regents science tests taken in lieu of the grade 8 science test, and the New York State Alternate Assessment (NYSAA) (if eligible).

### **SUMMARY REPORT**

Reference to the SIRS report in which source data used to determine these numbers are shown below, if applicable.

#### **Participation (English and Math)**

- (a) *Participation Rate Enroll*** = Students who were enrolled during the test administration period. SIRS-302
- (b) *Tested*** = Students in (a) with a valid score on an approved assessment. SIRS-302
- (c) *Not Tested*** = Students in (a) with no valid score on an approved assessment. All students show as "Not Tested" until scores are returned from the testing vendor. SIRS-302
- (d) *Estimated Participation Rate*** =  $((b) \div (a)) \times 100$   
Estimated Participation Rates include current year data only. If a group does not meet the participation criterion, two years of data will be combined when final participation rates are calculated.

#### **Performance (English and Math)**

- (e) *Continuously Enrolled Tested & Not Tested*** = Students enrolled on Basic Educational Data System (BEDS) day (usually the first Wednesday in October of the reporting year) *AND* during the test administration period with or without a valid score on an assessment appropriate to their grade (or age, if ungraded). SIRS-302
- (f) *95% of Continuously Enrolled Tested & Not Tested*** =  $(e) \times 0.95$
- (g) *Continuously Enrolled & Tested*** = Students enrolled on Basic Educational Data System (BEDS) day (usually the first Wednesday in October of the reporting year) *AND* during the test administration period with a valid score on an assessment appropriate to their grade (or age, if ungraded). SIRS-302
- (h) *Greater of f and g*** = Higher number from (f) and (g).
- (i-l) *Level 1, Level 2, Level 3, Level 4*** = Students in (e) with valid scores on appropriate assessments are assigned an accountability level based on their score. There are four levels: Level 1, Level 2, Level 3, and Level 4. Data for 3-8 ELA and math are suppressed until data are returned from the vendor. SIRS-302
- (m) *Estimated Weighted Average Index*** = Index calculated using the greater of continuously enrolled tested students and 95% of continuously enrolled tested and not tested students as the denominator. The formula used to calculate this index is:  
 $((\text{Level 2} + 2 \times \text{Level 3} + 2.5 \times \text{Level 4}) \div \text{the greater of continuously enrolled tested students and 95\% of continuously enrolled tested and not tested students}) \times 100$

or

$$((j + 2*k + 2.5*i) \div h) * 100$$

**NOTE:** If 95% of continuously enrolled tested and not tested students is used as the denominator, not tested students are counted as Level 1 in the numerator.

**(n) Estimated Core Subject Index** = Index calculated using continuously enrolled tested students as the denominator. The formula used to calculate this index is:

$$((\text{Level 2} + 2*\text{Level 3} + 2.5*\text{Level 4}) \div \text{continuously enrolled tested students}) * 100$$

or

$$((j + 2*k + 2.5*i) \div g) * 100$$

### **Performance (Science)**

**(a) Continuously Enrolled Tested & Not Tested** = Students enrolled on Basic Educational Data System (BEDS) day (usually the first Wednesday in October of the reporting year) AND during the test administration period with or without a valid score on an assessment appropriate to their grade (or age, if ungraded). SIRS-302

**(b) 95% of Continuously Enrolled Tested & Not Tested** = (a) \* 0.95

**(c) Continuously Enrolled & Tested** = Students enrolled on Basic Educational Data System (BEDS) day (usually the first Wednesday in October of the reporting year) AND during the test administration period with a valid score on an assessment appropriate to their grade (or age, if ungraded). SIRS-302

**(d) Greater of b and c** = Higher number from (b) and (c).

**(e-h) Level 1, Level 2, Level 3, Level 4** = Students in (a) with valid scores on appropriate assessments are assigned an accountability level based on their score. There are four levels: Level 1, Level 2, Level 3, and Level 4. Data for 3-8 ELA and math are suppressed until data are returned from the vendor. SIRS-302

**(i) Estimated Weighted Average Index** = Index calculated using the greater of continuously enrolled tested students and 95% of continuously enrolled tested and not tested students as the denominator. The formula used to calculate this index is:

$$((\text{Level 2} + 2*\text{Level 3} + 2.5*\text{Level 4}) \div \text{the greater of continuously enrolled tested students and 95\% of continuously enrolled tested students}) * 100$$

or

$$((f + 2*g + 2.5*h) \div d) * 100$$

**NOTE:** If 95% of continuously enrolled tested and not tested students is used as the denominator, not tested students are counted as Level 1 in the numerator.

**(j) Estimated Core Subject Index** = Index calculated using continuously enrolled tested students as the denominator. The formula used to calculate this index is:

$$((\text{Level 2} + 2*\text{Level 3} + 2.5*\text{Level 4}) \div \text{continuously enrolled tested students}) * 100$$

or

$$((f + 2*g + 2.5*h) \div c) * 100$$

**Two Year Combinations:** Data in this report are single year data only. If there are fewer than 30 students in a subgroup, when calculating final accountability outcomes, two years of data for that subgroup will be combined.

**Former Students with Disabilities:** If there are 30 or more students with disabilities in the subgroup, when calculating final accountability outcomes, former students with disabilities will be included in the students with disabilities subgroup.

**Former English Language Learners (ELLs):** If there are 30 or more ELLs in the subgroup, when calculating final accountability outcomes, former ELLs will be included in the ELL subgroup.

**Hierarchy of Assessments Chosen if Multiple Taken in Same Subject:**

**ELA:** 3–8 NYSTP assessment in ELA, then (NYSESLAT) (for eligible students and only for Participation), and then 3–8 NYSAA in English (if eligible).

**Math:** 3–8 NYSTP assessment in math, then Regents or Common Core Regents for grades 7 or 8 students (if both are taken, the assessment with the highest performance level, if the levels are the same, the assessment with the highest score, if both levels and scores are the same, then the Common Core Regents), then 3–8 NYSAA in math (if eligible).

**Science:** 4 and 8 Elementary- and Middle-Level Science Tests, then Regents or Common Core Regents for grades 7 or 8 students (if both are taken, the assessment with the highest performance level, if the levels are the same, the assessment with the highest score, if both levels and scores are the same, then the Common Core Regents), then 4 and 8 NYSAA in science (if eligible), and then Grade 8 Middle-Level Science Test taken by the student in 7<sup>th</sup> grade in the previous year (for 8<sup>th</sup> graders with no science score in current year).

**DETAIL REPORT**

This report includes student demographic, assessment, and outcome data as reported in the Student Information Repository System (SIRS).

- ❖ **Student ID:** Local unique identifier assigned to the student by the Local Education Agency (LEA) in which the student is enrolled, as reported in the School District Student ID field of most templates.
- ❖ **NYSSIS ID:** Unique statewide student identifier assigned by the New York State Student Identifier (NYSSIS) system.
- ❖ **Student Name:** Student name as reported in the Student Lite template.
- ❖ **Location:** School where the student was enrolled, as indicated by the BEDS of location reported for the student. For students who are placed out-of-district, this may be a school or BOCES outside the district.
- ❖ **Grade:** Instructional (“grade”) level for the student, as determined by the school district and as reported in the Grade Level field of the Student Lite and School Entry/Exit templates. See “Grade Level Codes and Descriptions” in the *SIRS Manual*.
- ❖ **Gender:** Code that indicates the student’s gender (M = Male, F = Female), as reported in the Gender Description field of the Student Lite template.

- ❖ **Ethnicity:** Code that indicates the student's racial or ethnic affiliation (A = Asian, B = Black or African American, H = Hispanic or Latino, I = American Indian or Alaska Native, M = Multiracial, P = Native Hawaiian/Other Pacific Islander, W = White). Students reported with Yes in the Hispanic/Latino Ethnicity Indicator field in the Student Lite template are counted as Hispanic. Students reported with No in the Hispanic/Latino Ethnicity Indicator field are included in the ethnicity group as indicated by the Race Code reported in the Student Lite template. If multiple Race Codes are reported for a non-Hispanic/Latino student, the student is counted in the Multiracial group.
- ❖ **Economically Disadvantaged:** Students reported with program service code 0198 (Poverty – from low-income family) in the Program Service Code field of the Programs Fact template anytime during the school year or as of the date of their last enrollment record. These students are included in the economically disadvantaged accountability subgroup.
- ❖ **ELL Eligible:** Students reported with program service code 0231 (ELL Eligible) in the Program Service Code field of the Programs Fact template. These students are included in the ELL accountability subgroup.
- ❖ **Former ELL:** Students reported anytime in the school year in at least one of the four previous reporting years but not at any time in the current reporting year with program service code 0231 (ELL Eligible) in the Program Service Code field of the Programs Fact template. These students are included in the ELL accountability subgroup for index calculations if the count of ELL students is equal to or greater than 30.
- ❖ **ELL Duration:** Cumulative number of years a student has received ELL Services, as reported in the Duration of ELL field in the Student Lite template.
- ❖ **NYSESLAT Eligible:** Students reported with program service code 0242 in the Program Service Code field of the Programs Fact template, indicating they are ELL students who have been enrolled in United States schools for less than one year and are eligible to take the NYSESLAT in lieu of the NYSTP to fulfill the participation requirement for accountability at the elementary/middle level in ELA.
- ❖ **Disability:** Student disability as reported using the appropriate disability program service code in the Program Service Code field of the Programs Fact template. Student disability is shown if the student was reported with this disability at any time during the school year or as of the date of the student's last enrollment record. If multiple disability codes are reported, the last disability reported is what will be shown. These students are included in the students with disabilities accountability subgroup.
- ❖ **Former Student with a Disability:** Student reported with a disability program service code in the Program Service Code field of the Programs Fact template anytime in the school year in at least one of the two previous reporting years but not at any time in the current reporting year. These students are included in the students with disabilities accountability subgroup for index calculations if the count of students with disabilities is equal to or greater than 30.
- ❖ **NYSAA Eligible:** Student reported with program service code 0220 (Eligible for Alternate Assessment) in the Program Service Code field of the Programs Fact

template, indicating that the student is eligible to take the NYSAA to fulfill the participation and performance requirements for ELA and mathematics accountability.

- ❖ **Subject Area:** Subject (ELA, Mathematics, or Science) for which the student detail information is provided.
- ❖ **Assessment Description:** Name of assessment used to fulfill the participation or performance criterion for accountability, as reported in the Assessment Measure Standard Description in many templates. See Assessment Measure Standard Description in “Chapter 4: Data Elements” in the *SIRS Manual*.
- ❖ **Score:** The raw score for the assessment used to fulfill the participation or performance criterion for accountability, as reported in the Assessment Score field of the Assessment Fact template.
- ❖ **Standard Achieved:**
  - Participation:** Performance level received on the reported assessment used for the participation rate calculation, as reported in the Assessment Standard Met field of the Assessment Fact template.
  - Performance:** Performance level received on the reported assessment used for the index calculations, as reported in the Assessment Standard Met field of the Assessment Fact template.