2015 Small Numbers Analysis
Index 1: Student Achievement

ALL DISTRICTS AND CAMPUS TYPES
Small numbers analysis is applied if the Total Tests on assessments across All Subjects in 2015 is between one and nine. There must be at least one test in order for Index 1 to be evaluated.

Are there between one and nine Total Tests on assessments across All Subjects?

NO
Small numbers analysis is not applied.

YES

Is the sum of Total Tests across all subjects in 2015, 2014, and 2013 10 or more?

NO
Index 1 is not evaluated.

YES

Index 1 calculation based on the aggregated three-year uniform average

\[
\frac{2015 \text{ Number of tests at Phase-in Satisfactory Standard} + 2014 \text{ Number of tests at Phase-in Satisfactory Standard} + 2013 \text{ Number of tests at Phase-in Satisfactory Standard}}{2015 \text{ Total Tests} + 2014 \text{ Total Tests} + 2013 \text{ Total Tests}}
\]
2015 Small Numbers Analysis
Index 2: Student Progress

ALL DISTRICTS AND CAMPUS TYPES

Small numbers analysis is applied for the **All Students** student group across all subject areas combined (Reading/ELA, Mathematics, and Writing) if there are between one and nine *Total Tests* in 2015. There must be at least one test in order for Index 2 to be evaluated.

**All Subjects (Reading/ELA, Mathematics, and Writing)**

Are there between one and nine *Total Tests* for the **All Students** student group in all subjects?

**YES**

Is the sum of *Total Tests* for the **All Students** student group in 2015, 2014, and 2013 for all subjects 10 or more?

**YES**

Index 2 calculation based on the aggregated three-year uniform average of *Total Tests* for the **All Students** student group for all subjects.

- 
- 2015 Number of tests that Met or Exceeded Progress for **All Students** in all subjects + 2014 Number of tests that Met or Exceeded Progress for **All Students** in all subjects + 2013 Number of tests that Met or Exceeded Progress for **All Students** in all subjects

__________________________ divided by ______________________

2015 Total Tests for **All Students** in all subjects + 2014 Total Tests for **All Students** in all subjects + 2013 Total Tests for **All Students** in all subjects

and

- 
- 2015 Number of tests that Exceeded Progress for **All Students** in all subjects + 2014 Number of tests that Exceeded Progress for **All Students** in all subjects + 2013 Number of tests that Exceeded Progress for **All Students** in all subjects

__________________________ divided by ______________________

2015 Total Tests for **All Students** in all subjects + 2014 Total Tests for **All Students** in all subjects + 2013 Total Tests for **All Students** in all subjects

**NO**

Small numbers analysis is not applied for Index 2.

**NO**

Index 2 is not evaluated.
Small numbers analysis (SNA) is applied for the Economically Disadvantaged (ED) student group by subject (Reading/ELA, Writing, Science, and Social Studies) if there are between one and nine Total Tests in 2015. There must be at least one test in order for Index 3 to be evaluated. Note, for 2015, no SNA will be applied to mathematics.

Reading/ELA

Are there between one and nine Total Tests for the Economically Disadvantaged student group in Reading/ELA?

Yes → Is the sum of Total Tests for the Economically Disadvantaged student group in 2015, 2014, and 2013 for Reading/ELA 10 or more?

Yes → Index 3 calculation based on the aggregated three-year uniform average of Total Tests for the Economically Disadvantaged student group in Reading/ELA.

NO → Small numbers analysis is not applied for ED in Reading/ELA.

NO → Economically Disadvantaged student group for Reading/ELA not used for Index 3 calculation.

Repeat for Writing, Science, and Social Studies

SNA for ED in Writing

SNA for ED in Science

SNA for ED in Social Studies
Index 4 Target Determination
For Non-AEA (Standard) Districts and Campuses

Campus Type: Elementary – Based on STAAR component Only
- Are there STAAR results for 10 or more students?
  - YES: Index 4 Target = 12
  - NO: Index 4 not evaluated

Campus Type: Middle Schools – Based on STAAR component Only
- Are there STAAR results for 10 or more students?
  - YES: Index 4 Target = 13
  - NO: Index 4 not evaluated

District or Campus Type of High School or K-12 – Based on all four Index 4 components (STAAR, Graduation, Graduation Plan, and College and Career Readiness), when available
- Are there STAAR results for 10 or more students?
  - YES: Are all three of the other Index 4 components available for use?
    - YES: High School and K-12 Campuses
      - Index 4 Target = 57 (based on all four Index 4 components)
    - NO: High School and K-12 Campuses
      - Index 4 Target = 21 (based on STAAR component only)
  - NO: Index 4 not evaluated

Districts
- Index 4 Target = 57 (based on all four Index 4 components)
- Index 4 Target = 13 (based on STAAR component only)

* A district or charter comprised of only one campus that shares the same 2015 performance data with that campus must meet the index target required for the campus in order to demonstrate acceptable performance.
2015 Small Numbers Analysis
Index 4: Postsecondary Readiness
Part One - STAAR Component

ALL DISTRICTS AND CAMPUS TYPES
Small numbers analysis is applied if the Total Students Tested in 2015 is between one and nine. There must be at least one student tested in order for Index 4 STAAR component to be evaluated.

Are there between one and nine Total Students Tested?

YES

Is the sum of Total Students Tested in 2015 and 2014 10 or more?

YES

STAAR Component of Index 4 is not evaluated.

NO

Small numbers analysis is not applied.

Index 4 STAAR Component calculation based on the aggregated two-year uniform average

\[
\frac{2015 \text{ Number of students meeting Postsecondary Readiness Standard in two or more subject areas (or one subject area if only one subject was tested)}}{2015 \text{ Total number of students with test results in two or more subject areas (or one subject area if only one subject was tested)}} + \frac{2014 \text{ Number meeting Postsecondary Readiness Standard in two or more subject areas (or one subject area if only one subject was tested)}}{2014 \text{ Total number of students with test results in two or more subject areas (or one subject area if only one subject was tested)}}
\]
Graduation Rate: Small numbers analysis is applied to the All Students student group if the Total in Class for the 4-year (Class of 2014) or 5-year (Class of 2013) is fewer than 10 students.

Class of 2014 4-year Graduation Rates

Are there fewer than 10 students in the Total in Class for the 4-year rate? NO

Was a 4-year graduation rate calculated? NO

Eliminate the Class of 2014 4-year rate from analysis. Go to the 5-year graduation rate section.

YES

Is the sum of Total in Class for the 2014, 2013, and 2012 4-year rate 10 or more? NO

Calculate a 4-year graduation rate based on aggregated three year uniform average of All Students.

Number of Graduates in Class of 2014, 2013, and 2012 divided by

Total in Class of 2014, 2013, and 2012 (Graduates, Continuers, GED Recipients, and Dropouts)

Class of 2013 5-year Graduation Rates

Are there fewer than 10 students in the Total in Class for the 5-year rate? NO

Small numbers analysis is not applied, use the 5-year rate.

YES

Was a 5-year graduation rate calculated? NO

Eliminate the Class of 2013 5-year rate from analysis. Check if Annual Dropout Rate can be used (see page 7).

YES

Is the sum of Total in Class for the 2013, 2012, and 2011 5-year rate 10 or more? NO

Calculate a 5-year graduation rate based on aggregated three-year uniform average of All Students.

Number of Graduates in Class of 2013, 2012, and 2011 divided by

Total in Class of 2013, 2012, and 2011 (Graduates, Continuers, GED Recipients, and Dropouts)
2015 Small Numbers Analysis
Index 4: Postsecondary Readiness
Part Two - Graduation Rate Component (Annual Dropouts)

ALL DISTRICTS AND CAMPUS TYPES
Annual Dropout Rate (Gr 9–12): Small numbers analysis is applied to the All Students student group if the Number of 9–12 Graders in the 2013–14 school year is fewer than 10 and if no Graduation Rate is calculated.

Was a Graduation Rate calculated for Index 4?

YES
Do not use the Annual Dropout Rate for Index 4.

NO
Are there fewer than 10 in the Number of 9–12 Graders for All Students in the 2013–14 school year?

NO
Small numbers analysis not applied, use Annual Dropout Rate.

YES
Was an Annual Dropout rate calculated?

NO
Graduation component is not evaluated.

YES
Is the sum of the Number of 9–12 Graders for All Students in the 2013–14, 2012–13, and 2011–12 school years 10 or more?

NO
Index 4 is evaluated on STAAR component only. See page 4 for Index 4 target determination.

YES
Calculate an Annual Dropout Rate based on aggregated three-year uniform average of All Students.

\[
\frac{\text{Number of 9–12 Graders (All Students) who dropped out during the 2013–14, 2012–13, and 2011–12 school years}}{\text{Number of 9–12 Graders (All Students) in the 2013–14, 2012–13, and 2011–12 school years}}
\]
Recommended High School Program/Distinguished Achievement Program (RHSP/DAP)

Longitudinal Rates: Small numbers analysis is applied to the All Students student group if the Number of Total Graduates in the Class of 2014 is fewer than 10.

- **Are there fewer than 10 Total Graduates for All Students in the Class of 2014?**
  - **NO:** Small numbers analysis is not applied, use longitudinal RHSP/DAP Rate.
  - **YES:**
    - **Was an longitudinal RHSP/DAP rate calculated for the Class of 2014?**
      - **NO:** Longitudinal RHSP/DAP Graduation Rate for Class of 2014 is not used.
      - **YES:**
        - **Is the sum of the Total Graduates for the Classes of 2014, 2013, and 2012 for All Students 10 or more?**
          - **NO:**
            - Check if Annual RHSP/DAP Graduation rate is available.
          - **YES:**
            - Calculate a longitudinal RHSP/DAP Graduation Rate based on aggregated three-year uniform average of All Students from the Classes 2014, 2013, and 2012.

\[
\text{Number of longitudinal RHSP/DAP Graduates for the Classes of 2014, 2013, and 2012} \div \text{Total Graduates (All Students) for the Classes of 2014, 2013, and 2012}
\]
Recommended High School Program/Distinguished Achievement Program (RHSP/DAP) Annual Rates: Small numbers analysis is applied to the All Students student group if the Number of Total Graduates in the 2013–14 school year is fewer than 10 and there is no longitudinal RHSP/DAP rate available.

Are there fewer than 10 Total Graduates for All Students in the 2013–14 School Year?

YES

Was an annual RHSP/DAP rate calculated for the 2013–14 school year?

NO

Annual RHSP/DAP Graduation Rate for the 2013–14 school year is not used. The Graduation Plan Component is not evaluated.

YES

Is the sum of the Total Graduates for the 2013–14, 2012–13, and 2011–12 school years for All Students 10 or more?

NO

Evaluate the district or campus on the STAAR component only. See page 4 for Index 4 target determination.

YES

Calculate an annual RHSP/DAP Graduation Rate based on aggregated three year uniform average of All Students from the 2013–14, 2012–13, and 2011–12 school years.

Two-year averages for the College and Career Readiness component of Index 4 cannot be calculated because only one year of data is available in 2015.
Index 4 Target Determination
For AEA Districts and Campuses

Are both the STAAR component and Graduation Rate/Annual Dropout Rate component available for use?

YES

Index 4 Target (with bonus points) = 33

NO

Is the Graduation Rate/Annual Dropout Rate component available for use?

YES

Index 4 Target (with bonus points) = 45

NO

Do not evaluate Index 4.
2015 Small Numbers Analysis
Index 4: Postsecondary Readiness
Part One - STAAR Component

AEA DISTRICTS AND CAMPUSES
Small numbers analysis is applied if the Total Students Tested in 2015 is between one and nine. There must be at least one student tested in order for Index 4 STAAR component to be evaluated.

Are there between one and nine Total Students Tested?

**NO**

Small numbers analysis is not applied.

**YES**

Is the sum of Total Students Tested in 2015 and 2014 10 or more?

**NO**

STAAR Component of Index 4 is not evaluated.

**YES**

Index 4 STAAR Component calculation based on the aggregated two-year uniform average

\[
\frac{2015 \text{ Number of students meeting Postsecondary Readiness Standard in two or more subject areas (or one subject area if only one subject was tested)} + 2014 \text{ Number meeting Postsecondary Readiness Standard in two or more subject areas (or one subject area if only one subject was tested)}}{2015 \text{ Total number of students with test results in two or more subject areas (or one subject area if only one subject was tested)} + 2014 \text{ Total number of students with test results in two or more subject areas (or one subject area if only one subject was tested)}}
\]
Graduation, Continuers, and GED Rate: Small numbers analysis is applied to the All Students student group if the Total in Class for the 4-year (Class of 2014), 5-year (Class of 2013), or 6-year (Class of 2012) is fewer than 10 students. AEA campuses use Graduation, Continuers, and GED rates for Index 4.

Class of 2014
4-Year Graduation, Continuers, and GED Rate

Are there fewer than 10 students in the Total in Class for the 4-year rate? NO

Small numbers analysis is not applied, use the 4-year rate.

YES

Was a 4-year Graduation, Continuers, and GED rate calculated?

NO

Eliminate the Class of 2014 4-year rate from analysis.

YES

Is the sum of Total in Class for the 2014, 2013, and 2012 4-year rate 10 or more?

NO

Go to the 5-year Graduation, Continuers, and GED rate section (see next column).

YES

Calculate a 4-year Graduation, Continuers, and GED rate based on aggregated three-year uniform average of All Students.

Number of Graduates, Continuers, and GED Recipients in Class of 2014, 2013, and 2012 divided by ______________

Total in Class of 2014, 2013, and 2012 (Graduates, Continuers, GED Recipients, and Dropouts)

Class of 2013
5-Year Graduation, Continuers, and GED Rate

Are there fewer than 10 students in the Total in Class for the 5-year rate? NO

Small numbers analysis is not applied, use the 5-year rate.

YES

Was a 5-year Graduation, Continuers, and GED rate calculated?

NO

Eliminate the Class of 2013 5-year rate from analysis.

YES

Is the sum of Total in Class for the 2013, 2012, and 2011 5-year rate 10 or more?

NO

Go to the 6-year Graduation, Continuers, and GED rate section (see next column).

YES

Calculate a 5-year Graduation, Continuers, and GED rate based on aggregated three-year uniform average of All Students.

Number of Graduates, Continuers, and GED Recipients in Class of 2013, 2012, and 2011 divided by ______________

Total in Class of 2013, 2012, and 2011 (Graduates, Continuers, GED Recipients, and Dropouts)

Class of 2012
6-Year Graduation, Continuers, and GED Rate

Are there fewer than 10 students in the Total in Class for the 6-year rate? NO

Small numbers analysis is not applied, use the 6-year rate.

YES

Was a 6-year Graduation, Continuers, and GED rate calculated?

NO

Eliminate the Class of 2012 6-year rate from analysis.

YES

Is the sum of Total in Class for the 2012, 2011, and 2010 6-year rate 10 or more?

NO

Go to the Annual Dropout rate section (see page 14).

YES

Calculate a 6-year Graduation, Continuers, and GED rate based on aggregated three-year uniform average of All Students.

Number of Graduates, Continuers, and GED Recipients in Class of 2012, 2011, and 2010 divided by ______________

Total in Class of 2012, 2011, and 2010 (Graduates, Continuers, GED Recipients, and Dropouts)
Annual Dropout Rate (Gr 9–12): Small numbers analysis is applied to the All Students student group if the Number of 9–12 Graders in the 2013–14 school year is fewer than 10 and if no Graduation Rate is calculated.

Was a Graduation Rate calculated for Index 4?

- **YES**: Do not use the Annual Dropout Rate for Index 4.
- **NO**: Are there fewer than 10 in the Number of 9–12 Graders for All Students in the 2013–14 school year?
  - **NO**: Small numbers analysis not applied, use Annual Dropout Rate.
  - **YES**: Was an Annual Dropout rate calculated?
    - **NO**: Index 4 not evaluated.
    - **YES**: Is the sum of the Number of 9–12 Graders for All Students in the 2013–14, 2012–13, and 2011–12 school years 10 or more?
      - **NO**: Calculate an Annual Dropout Rate based on aggregated three-year uniform average of All Students.
      - **YES**: Number of 9–12 Graders (All Students) who dropped out during the 2013–14, 2012–13, and 2011–12 school years
        
        \[
        \frac{\text{Number of 9–12 Graders (All Students) who dropped out}}{\text{Number of 9–12 Graders (All Students) in the 2013–14, 2012–13, and 2011–12 school years}}
        \]
2015 Small Numbers Analysis
Index 4: Postsecondary Readiness
Bonus Points - Recommended High School Program/Distinguished Achievement Program (RHSP/DAP)
Longitudinal Rates
AEA DISTRICTS AND CAMPUSES

Recommended High School Program/Distinguished Achievement Program (RHSP/DAP)
Longitudinal Rates: Small numbers analysis is applied to the All Students student group if the Number of Total Graduates in the Class of 2014 is fewer than 10.

Are there fewer than 10 Total Graduates for All Students in the Class of 2014?

YES

Was an longitudinal RHSP/DAP rate calculated for the Class of 2014?

YES

Is the sum of the Total Graduates for the Classes of 2014, 2013, and 2012 for All Students 10 or more?

YES

Calculate a longitudinal RHSP/DAP Graduation Rate based on aggregated three-year uniform average of All Students from the Classes 2014, 2013 and 2012.

Number of longitudinal RHSP/DAP Graduates for the Classes of 2014, 2013, and 2012 divided by

Total Graduates (All Students) for the Classes of 2014, 2013, and 2012

NO

Small numbers analysis is not applied, use longitudinal RHSP/DAP Rate.

NO

Longitudinal RHSP/DAP Graduation Rate for Class of 2014 is not used.

NO

Check if Annual RHSP/DAP Graduation rate is available (see page 16).
Small numbers analysis is applied to the All Students student group if the Number of Total Graduates in the 2013–14 school year is fewer than 10.

Are there fewer than 10 Total Graduates for All Students in the 2013–14 School Year?

- **NO**: Small numbers analysis is not applied, use Annual RHSP/DAP Rate.
- **YES**: Was an annual RHSP/DAP rate calculated for the 2013–14 school year?
  - **NO**: No Bonus Points are given for Graduation Plan.
  - **YES**: Is the sum of the Total Graduates for the 2013–14, 2012–13, and 2011–12 school years for All Students 10 or more?
    - **NO**: Calculate an annual RHSP/DAP Graduation Rate based on aggregated three-year uniform average of All Students from the 2013–14, 2012–13, and 2011–12 school years.
Two-year averages for the College and Career Readiness component of Index 4 Bonus Points cannot be calculated because only one year of data is available in 2015.
Small numbers analysis is not applied to Excluded Students bonus points for Index 4.