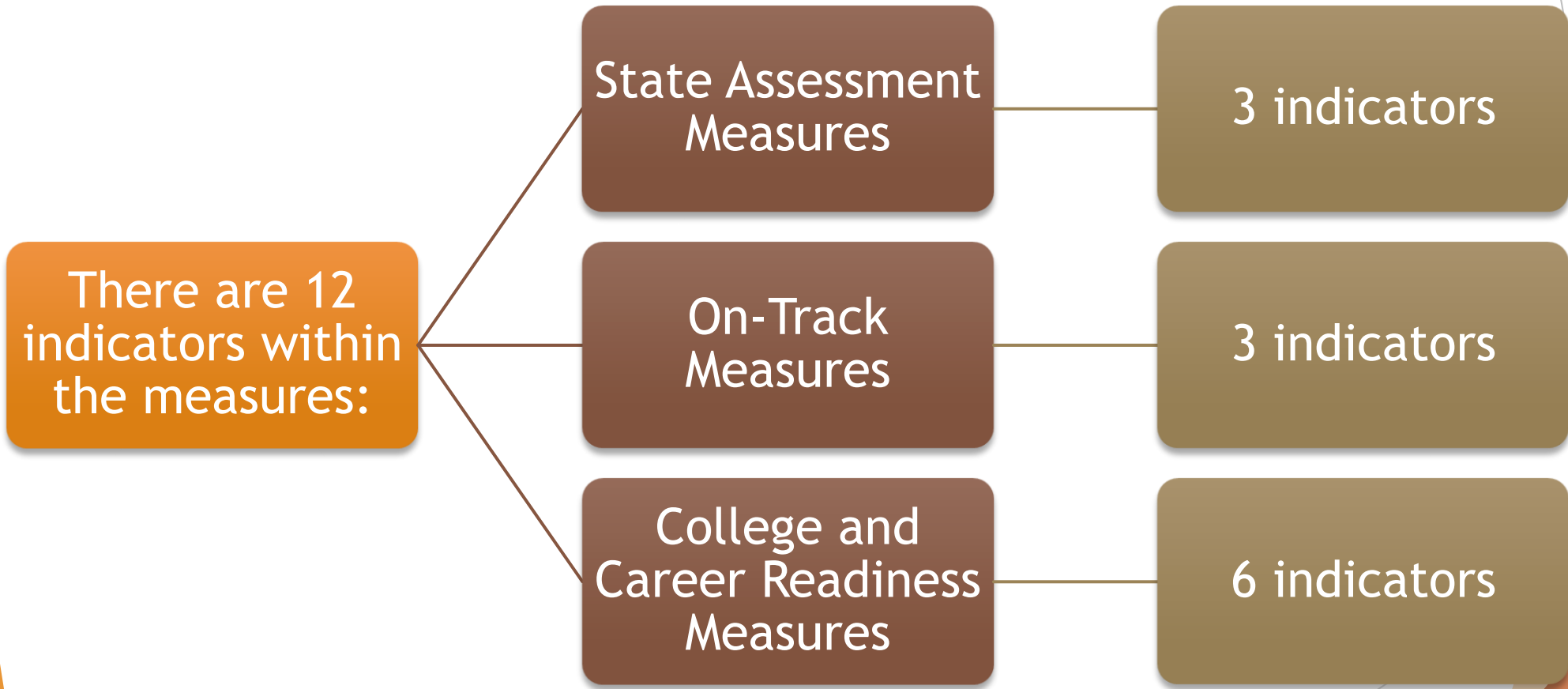


Future Ready Index

Pennsylvania

Future Ready Index Indicators



State Assessment Measures

Indicator #1

Percent
proficient/advanced
(PASA/PSSA/Keystone)

Indicator #2

Academic Growth
Standards (PVAAS)

Indicator #3

Percent advanced on
PASA/PSSA/Keystone

On Track Measures

Indicator #1

Chronic
Absenteeism

Indicator #2

English
Language
Learner
Proficiency

Indicator #3

Early Indicators
of Success

College and Career Measures

Indicator #1

Graduation Rate

Indicator #2

Career Standards

Indicator #3

Industry-based
Learning Standards

Indicator #4

Advanced on Industry-
based Competency
Assessment

Indicator #5

Rigorous Course of
Study

Indicator #6

Postsecondary
Transition to School,
Work or Military

Four Methods of Scoring the Measures

2030 Goals
and Targets

Academic
Growth
Standard

Performance
Standard

Informational

Scoring Method 1: 2030 Goal and Targets

STEP 1

Set the Statewide 2030 Goal

- Pennsylvania's goal for each designated sector is to reduce, by half, the statewide percentage of students not attaining proficiency or meeting the target by the end of the 2029-2030 school year.

STEP 2

Establish Statewide Interim Targets

- Statewide interim targets reflect the annual progress required to meet the Statewide 2030 Goal.

STEP 3

Assign Individual School Improvement Targets

- Every public school will be assigned individual annual improvement targets based on: (1) the State's 2030 All-Student Goal; (2) each school's baseline; and (3) the number of years between baseline and 2030.

For example:


Calculation: 100% proficient (by 2030) - Baseline = Gap

Goal: Close half the gap over 13 years

Baseline is 74% $100\% - 74\% = 26\%$ Gap

Goal: Close 13% over thirteen years ($26\% \div 2 = 13\%$)

Interim Target 1% increase per year through 2030

74 %  87%

2017-2018 2029-2030

School Scoring

BLUE

- Meets or Exceeds All-Student Statewide 2030 Goal

GREEN

- Meets Statewide Interim or School Improvement Target

RED

- Does not meet either the Statewide Interim or the School Improvement Target

Scoring Method 2: Academic Growth Standard

- ▶ Tracks a school's impact on the year-to-year achievement scores of student groups using PVAAS.
- ▶ Scoring
 - ▶ **BLUE**: Exceeds the standard demonstrating growth
 - ▶ **GREEN**: Meets the standard demonstrating growth
 - ▶ **RED**: Does not meet the standard demonstrating growth



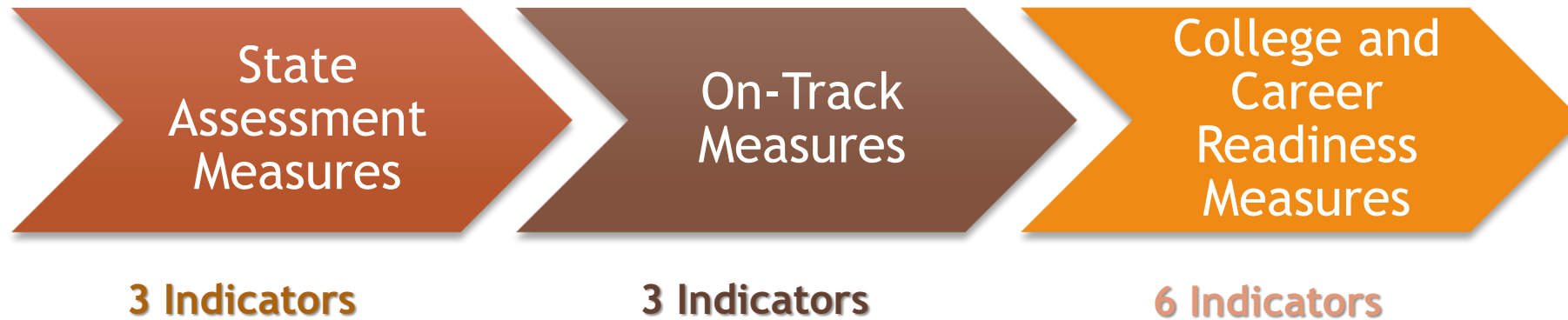
Scoring Method 3: Performance Standard

- ▶ Set using one year of statewide data as a baseline
- ▶ Cut scores are set at the 75th percentile for the 2030 goal and the 25th percentile for the minimal performance standard.
- ▶ Scoring
 - ▶ **BLUE:** Exceeds the Performance Standard (at or above 75%)
 - ▶ **GREEN:** Meets the Performance Standard (25%-74%)
 - ▶ **RED:** Does not meet the Performance Standard (below 25%)
- ▶ Performance standards are norm-referenced for indicators that do not have established ESSA goals (i.e. graduation rate, attendance)

Scoring Method 4: Informational Indicators

- ▶ Informational indicators will be reported only as a percentage of students who attained the target (course enrollment, advanced level of achievement, experience, etc.)
- ▶ State averages will be presented for:
 - ▶ Advanced on State Assessments
 - ▶ Advanced on Industry Competency Assessment
 - ▶ Postsecondary Transition to School, Military, or Work

Back to the 3 Measures...



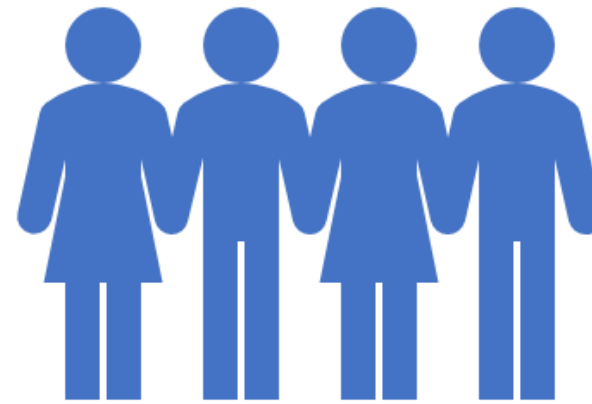
State Assessment Measure Indicator 1

- ▶ The calculation for Percent Proficient/Advanced, starting in the 2017-2018 school year:

of students who achieved proficient/advanced
divided by

95% of total students enrolled on the last day
of testing window

***If participation is below 95%, the students not taking the assessment will count as non-proficient.**



Percent Proficient/Advanced

Future Ready will designate school academic performance as:

BLUE

- Performance Meets or Exceeds Statewide 2030 Goal

GREEN

- Performance meets Statewide Interim or School Improvement Target

RED

- Performance does not meet the Statewide Interim or the School Improvement Target



English Language Arts/Literature
**All Student Group Meets Interim
 Goal/Improvement Target**

Percent Proficient or Advanced

60.2%

Statewide Average

61.8%

Statewide 2030 Goal

80.9%

Student Group Breakdown

State Assessment Participation



Mathematics/Algebra
**All Student Group Did Not Meet Interim
 Goal/Improvement Target**

Percent Proficient or Advanced

39.4%

Statewide Average

42.6%

Statewide 2030 Goal

71.1%

Student Group Breakdown

State Assessment Participation



Science/Biology
**All Student Group Meets Interim
 Goal/Improvement Target**

Percent Proficient or Advanced

54.8%

Statewide Average

64.8%

Statewide 2030 Goal

83.0%

Student Group Breakdown

State Assessment Participation

Academic Growth Standards (PVAAS)

Indicator 2

BLUE

- Exceeds the Standard Demonstrating Growth

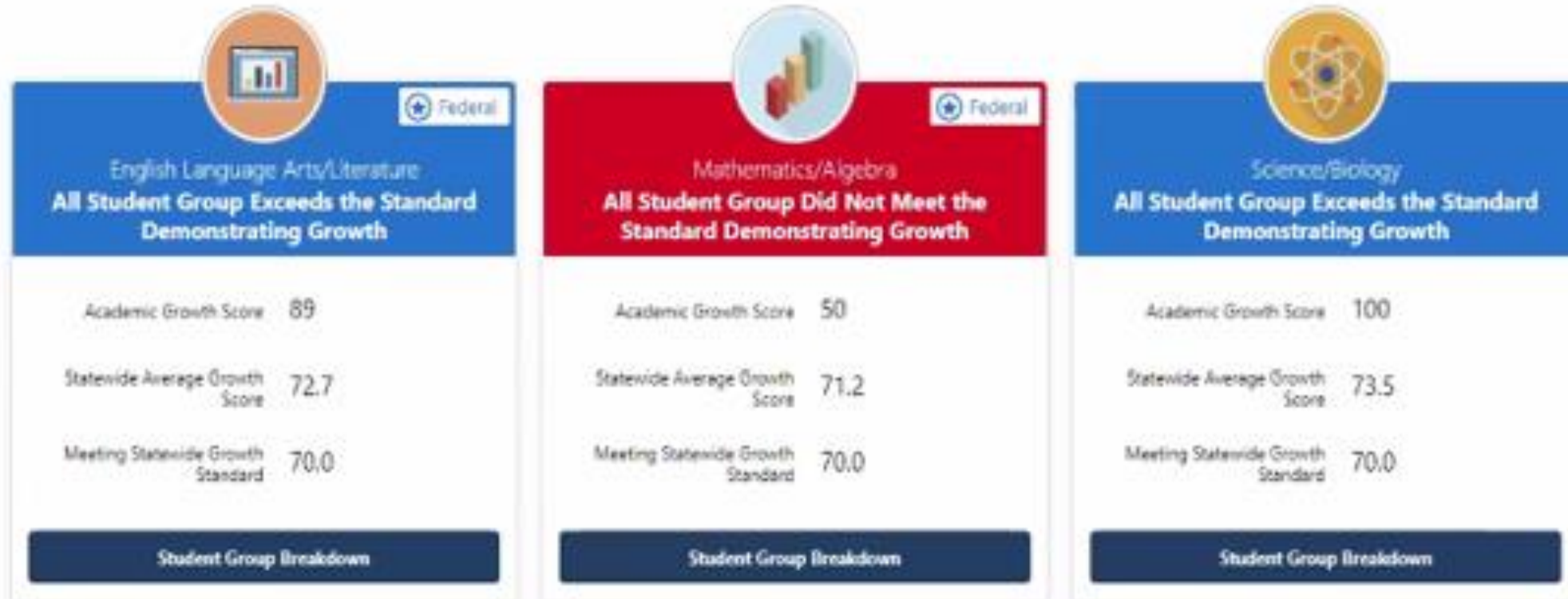
GREEN

- Meets the Standard Demonstrating Growth

RED

- Did Not Meet the Standard Demonstrating Growth

Meeting Annual Academic Growth Expectations (PVAAS)



Percent Advanced PASA/PSSA/Keystone

Indicator 3

- ▶ Not a federal accountability measure (no color designation)
- ▶ An informational indicator

Advanced on Pennsylvania State Assessments



English Language Arts/Literature
All Student Group

Percent Advanced 16.8%

Statewide Average 19.4%

Student Group Breakdown



Mathematics/Algebra
All Student Group

Percent Advanced 10.2%

Statewide Average 16.8%

Student Group Breakdown



Science/Biology
All Student Group

Percent Advanced 22.4%

Statewide Average 27.1%

Student Group Breakdown

On Track Measures (3 Indicators)

Chronic
Absenteeism

English
Language
Learner
Proficiency

Early Indicators
of Success
(Informational)

Chronic Absenteeism: Reported as “Regular Attendance:



- ▶ Calculations based on number of students enrolled for 60 days or more who have missed more than 10 percent of school days across the academic year
- ▶ Scoring
 - ▶ BLUE: exceeds performance standard (75th percentile and above)
 - ▶ GREEN: meets performance standard (25th-74th percentile)
 - ▶ RED: does not meet performance standard (24th percentile and below)

English Language Proficiency

- ▶ Provides a view of the English Learners' (EL) growth towards on-time attainment of English Language proficiency
- ▶ Measured by the ACCESS for EL's
- ▶ Expected to attain proficiency within a six-year span
 - ▶ Timeline can be less depending on initial proficiency level
- ▶ Performance on this indicator will be calculated and depicted for all schools that meet the minimum student group size of 20 eligible English Learners (EL) for the school.

English Language Proficiency continued

- ▶ **State baseline calculated with 3 years of data**
 - ▶ 2015-16
 - ▶ 2017-18
 - ▶ 2018-19
- ▶ **Performance reflects the percent of students who meet their interim growth target or attainment**
 - ▶ **BLUE:** Meets or exceeds Statewide 2030 Goal
 - ▶ **GREEN:** Meets Interim Goal/Improvement Target
 - ▶ **RED:** Not Meeting Interim Goal/Improvement Target

Early Indicators of Success

- ▶ Grade 3 Reading and Grade 7 Math
- ▶ Informational indicator shows the percent of students who score proficient/advanced on PSSA or locally selected assessment.
- ▶ Fall 2018: based on results from 2017-2018 school year

Sub Groups: 'n count' of 20 in tested grades

BLUE

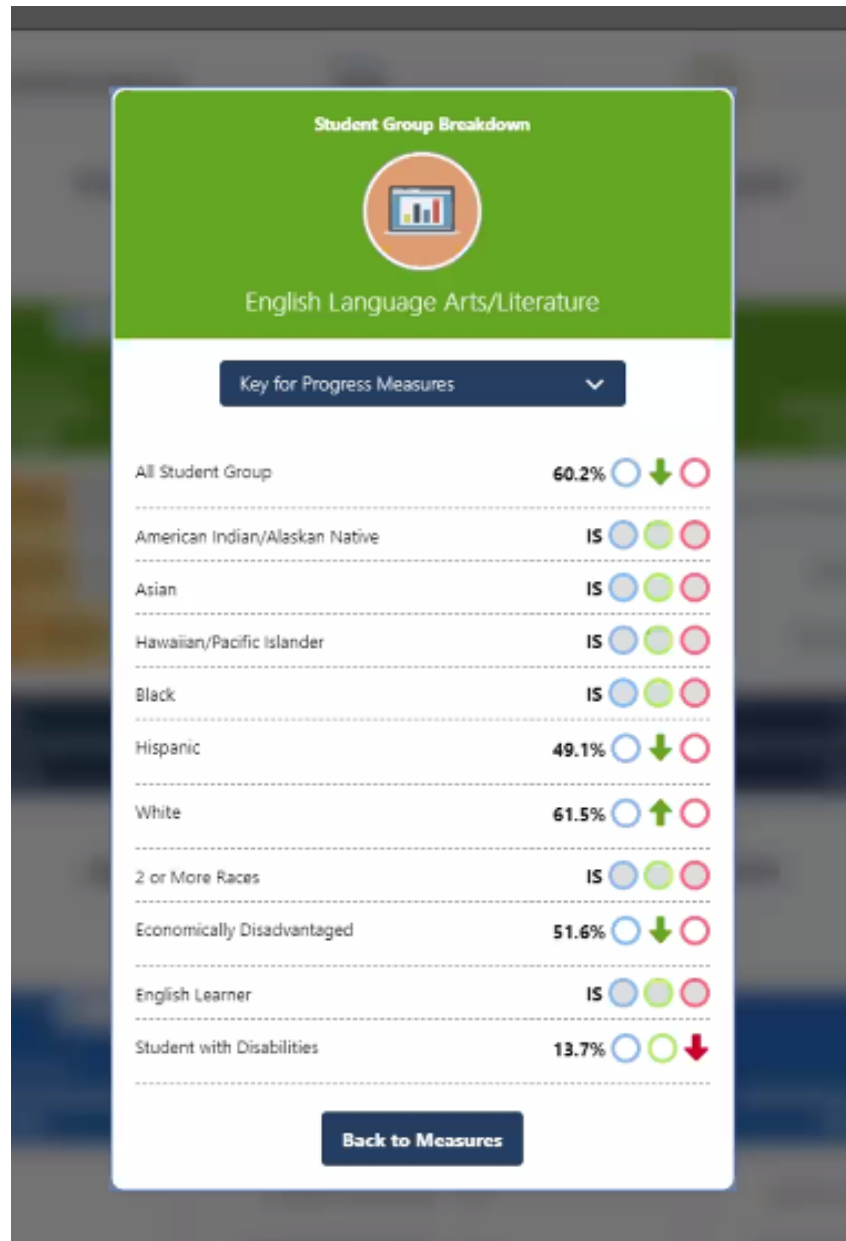
- Meets or Exceeds Statewide 2030 Goal

GREEN

- Meets Statewide Interim or School's Improvement Target

RED

- Does not meet either the Statewide Interim or the School Improvement Target



Arrows show performance compared to previous year.

College and Career Readiness Measures (6 Indicators)

Graduation Rate

Career
Standards
Benchmark

Industry Based
Learning
Standards

Advanced on
Industry Based
Competency
Assessment

Rigorous Course
of Study

Postsecondary
Transition to
School, Military,
Work

Graduation Rate

Measures, by school, the percent of students graduating with a high school diploma

BLUE

- Meets or exceeds Statewide 2030 Goal

GREEN

- Meets Statewide Interim or School Improvement Target

RED

- Does not meet the Statewide Interim or the School Improvement Target

High School Graduation Rate



Federal

Four-Year Cohort
All Student Group Meets Interim
Goal/Improvement Target

Percent Graduation 4-Year
Cohort

92.5%

Statewide Average

85.3%

Statewide 2030 Goal

95.4%

Student Group Breakdown



Five-Year Cohort
All Student Group

Percent Graduation 5-Year
Cohort

91.6%

Statewide Average

86.2%

Student Group Breakdown

Career Standards Benchmark

- ▶ Measures percent of students who met the required number of pieces of evidence in grades 5, 8, and 11
 - ▶ 2017-18: 2 pieces in grades 5, 8, and 11
 - ▶ 2018-19: 6 pieces in grades 5 and 8; 8 pieces of evidence in grade 11
- ▶ Scoring
 - ▶ **BLUE**: Exceeds the performance standard
 - ▶ **GREEN**: Meets the performance standard
 - ▶ **RED**: Did not meet the performance standard

Career Standards Benchmark



Federal

Career Standards Benchmark
All Student Group Meets Performance Standard

Percent Career Standards Benchmark

88.5%

Statewide Average

93.6%

Statewide Performance Standard

95.1%

Student Group Breakdown

Industry Based Learning Standard



- ▶ Percent of 12th graders who achieved an Industry Based Learning Standard sometime between grades 7-12
- ▶ 2017-18 results are informational (baseline)
- ▶ Future results will be scored on the performance standard method.
 - ▶ **BLUE:** Exceeds the performance standard
 - ▶ **GREEN:** Meets the performance standard
 - ▶ **RED:** Did Not Meet the performance standard



Industry-Based Learning All Student Group



Components of Indicator

Percent Scoring Competent or Advanced on NOCTI/NIMS	8.3%
Percent Earned Industry-Recognized Credential	8.3%
Percent Completed Work-based Learning Experience	8.3%

Student Group Breakdown



Advanced on Industry-Based Competency
Assessment
All Student Group

Percent Advanced **0.3%**

Statewide Average for CTC or
LEA **8.7%**

Student Group Breakdown

Rigorous Courses of Study



Rigorous Courses of Study All Student Group

Percent Rigorous Courses of Study 43.1%

Statewide Average for CTC or LEA 28.6%

Statewide Performance Standard 10.4%

Components of Indicator

Percent AP/IB Participation 21.4%

Percent College Course Enrollment 22.7%

Percent CTE Program of Study Concentration 2.3%

• Provided by CTC 0

• Provided within LEA 37

Number Unique Rigorous Courses 27

Student Group Breakdowns

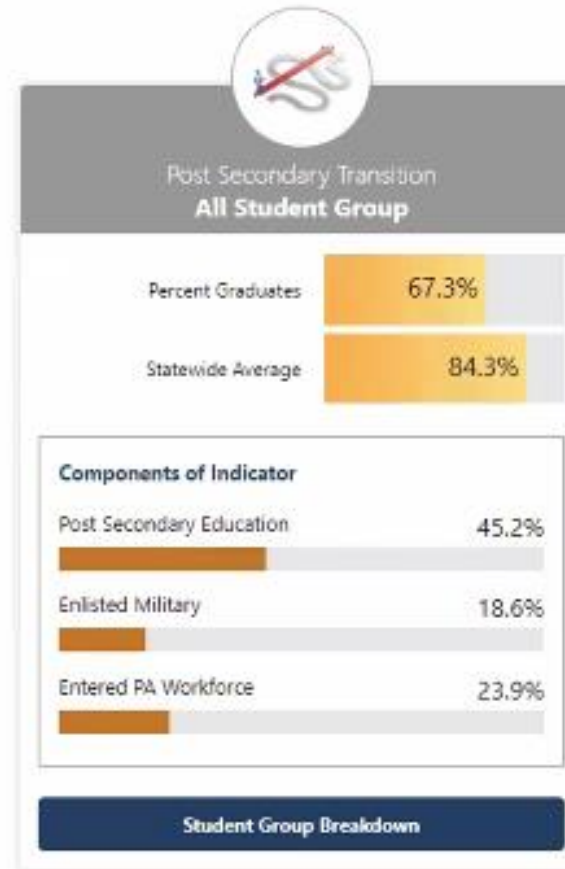
Rigorous Courses of Study

- ▶ Percent of 12th graders in reporting year who participated at least once in grades 7-12 in AP, IB, or dual credit courses or in a concentrated CTA program of study.
- ▶ Informational indicator

Post Secondary Transition

- ▶ Percent of graduates who enrolled in an institution of higher education, enlisted in the military, or entered the workforce.
- ▶ Informational indicator
- ▶ Percentage based on graduate activity 16 months past graduation

Post Secondary Transition to School, Military, or Work



Pennsylvania Department of Education

- ▶ <https://www.education.pa.gov/Pages/Future-Ready-PA.aspx>

