

Career, Technical and Agricultural Education

Core Indicators of Performance

Graduation Rates – 1S1

Indicator 1S1: Four-year Graduation Cohort Rate

FY21 State Target – 92.80%

Formula For Calculation

Numerator: Number of CTAE concentrators who are cohort members and who earned a regular diploma.

Denominator: Number of CTAE concentrators who are cohort members.

Defining Reporting Group: These proposed measures utilize the federally approved four-year adjusted cohort graduation rate as defined in section 8101 of the Elementary and Secondary Education Act of 1965.

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

CTAE Student Graduation Rate: Student Graduation Rate will be calculated using the same formula used to determine graduation rate for College and Career Ready Performance Index (CCRPI), but only students identified as CTAE concentrators will be included.

Georgia's Graduation Rate Calculation: The CCRPI is Georgia's statewide accountability system, implemented in 2012 to replace the No Child Left Behind (NCLB) Adequate Yearly Progress (AYP) measurement, after the U.S. Department of Education granted Georgia's waiver from NCLB on Feb. 9, 2012.

Graduation Rate – 1S2

Indicator 1S2: Extended Graduation Rate

FY21 State Target – 92.80%

Formula for Calculation

Numerator: Number of CTAE concentrators who are 5-year extended cohort members and earned a regular diploma in the reporting year.

Denominator: Number of CTAE concentrators who are 5-year extended cohort members.

Defining Reporting Group: Under the College and Career Ready Performance Index, the state will calculate the graduation rate using the “5-year extended cohort graduation rate” calculation methodology.

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

Students Who Have Left Secondary Education in the Reporting Year: This group includes students who were withdrawn from the school in the reporting year with either a dropout or withdrawal code. Summer graduates are also included.

On a scale of 1-5 (1=low; 5=high) rate how effective the core indicator level of performance (1) supports the improvement of performance of all CTAE concentrators, and (2) supports the needs of the local education/business community.

Academic Achievement

Indicator 2S1: Academic Proficiency – Reading/Language Arts **FY21 State Target – 82.69%**

Formula for Calculation

Numerator: Number of CTAE concentrators who graduate high school with a regular diploma and have met the Proficient or Distinguished level on the American Literature End of Course Test (EOC).

Denominator: Number of CTAE concentrators who graduate high school with a regular diploma and have taken American Literature End of Course Test (EOC).

Defining Academic Achievement: These proposed measures utilize the federally approved state definition indicating students have met or not met proficiency in the CCRPI assessments.

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

End of Course Test Requirements: Data from 5 previous years will be used for these calculations.

Academic Achievement

Indicator 2S2: Academic Proficiency – Mathematics

FY21 State Target – 73.71%

Formula for Calculation

Numerator: Number of CTAE concentrators who graduate high school with a regular diploma and have met the Proficient or Distinguished level on the Geometry or Analytic Geometry End of Course Test (EOC).

Denominator: Number of CTAE concentrators who graduate high school with a regular diploma and have taken Geometry or Analytic Geometry End of Course Test (EOC).

Defining Academic Achievement: These proposed measures utilize the federally approved state definition indicating students have met or not met standards in the CCRPI assessments.

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

End of Course Test Requirements: Data from 5 previous years will be used for these calculations.

Academic Achievement

Indicator 2S3: Academic Achievement – Science

FY21 State Target – 70.57%

Formula for Calculation

Numerator: Number of CTAE concentrators who graduate high school with a regular diploma and have met the Proficient or Distinguished level on the Biology End of Course Test (EOC).

Denominator: Number of CTAE concentrators who graduate high school with a regular diploma and have taken Biology End of Course Test (EOC).

Defining Academic Achievement: These proposed measures utilize the federally approved state definition indicating students have met or not met standards in the CCRPI assessments.

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

End of Course Test Requirements: Data from 5 previous years will be used for these calculations.

Post Program Placement

Indicator 3S1: Post-Program Placement

FY21 State Target – 97.89%

Formula for Calculation

Numerator: The most current number of CTAE concentrators who, in the second quarter after exiting from secondary education, are in postsecondary education or advanced training, military service or a service program that receives assistance under Title I of the National and Community Service Act of 1990, are volunteers as described in Section 5(a) of the Peace Corps Act, or are employed.

Denominator: The number of CTAE Concentrators who exit secondary education during the previous reporting year.

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

Placement: This will be CTAE concentrators receiving regular secondary school diplomas that are placed in postsecondary education, advanced training, or entered the military or employment.

Postsecondary Education: For post-secondary education placement, Georgia will be using Technical College System of Georgia (TCSG) data and Board of Regents.

Military: Military data are used when available.

Service Programs: Service Program data are used when available.

Peace Corps: Peace Corps data are used when available.

Employment: Georgia Department of Labor data are used when available.

Under-represented Genders in the Workforce

Indicator 4S1: Nontraditional Completion

FY21 State Target - 9.47%

Formula for Calculation

Numerator: Number of CTAE concentrators from under-represented gender groups who completed identified programs that lead to employment in nontraditional fields in the reporting year.

Denominator: Number of CTAE concentrators who completed identified programs that lead to employment in nontraditional fields in the reporting year.

Identified CTAE Nontraditional Program (According to USDOE Cluster Titles)	
Nontraditional Programs	Under-Represented Gender
Architecture & Construction	Female
Transportation, Distribution, & Logistics	Female
Science, Technology, Engineering & Math	Female
Education & Training	Male
Health Science	Male

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

Defining Nontraditional Completion: This measure used the number of CTAE concentrators who completed, or will complete in the reporting year, the three required courses for an identified program (see table) in the reporting year that lead to employment in a nontraditional field as defined by USDOE.

Perkins Program Quality

Indicator 5S3: Participated in Work-Based Learning

FY21 State Target – 32.90%

Formula For Calculation

Numerator: In the reporting year, the number of CTAE concentrators who graduate high school with a regular diploma and earned at least 1 credit in Work-Based Learning aligned with the student's CTAE pathway.

Denominator: Number of CTAE concentrators who graduated from high school with a regular diploma in the reporting year.

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

Work-Based Learning: A sustained interaction with industry or community professionals in a real workplace setting, to the extent practicable, or simulated environment at an education institution that fosters in-depth, first-hand engagement with the tasks required of a given career field and is aligned to curriculum and instruction. A qualified work-based learning program is one that follows the

State Board Rule 160-4-3-.14.

Georgia Program Quality

Indicator 5S4: CTAE Pathway Completion

FY21 State Target – 35.90%

Formula For Calculation

Numerator: In the reporting year, number of high school graduates with a regular diploma and who have completed a CTAE pathway.

Denominator: Number of high school graduates with a regular diploma in the reporting year.

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

Georgia Program Quality

Indicator 5S5: Credentials of Value

FY21 State Target – 50.00%

Formula For Calculation

Numerator: In the reporting year, the number of CTAE concentrators who graduate high school in the reporting year with a regular diploma and obtain a credential of value by passing an approved End of Pathway Assessment (EOPA) related to pathway completed in secondary education.

Denominator: Number of CTAE concentrators who graduate high school with a regular diploma in the reporting year.

Reporting Group: Concentrators who took EOPA anytime during secondary education years, as reported through Student Record.

Notes

CTAE Concentrator: A secondary student who has successfully completed two courses (earned 1 unit of credit in each of the 2 courses) within a state recognized Georgia approved CTAE Pathway. Student Record data will be utilized.

Student Data Source: State approved list of EOPAs reported through Student Record.

Credentials of Value: Credentials of Value are those credentialing assessments administered at the completion of a CTAE pathway that are vetted by business & industry through a strategic process. The credential may result from a written and/or hands-on assessment.