

**TEXAS STATE TECHNICAL COLLEGES
PERFORMANCE MEASURE DEFINITIONS**

FY 2018-19 Budget Structure



Legislative Budget Board

April 2018

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OUTCOME MEASURES

Goal 1: Provide Instructional and Operations Support
Objective 1: Provide Instructional and Operations Support

Measure 1: Percent of 1st-time, Full-time, Degree or Certificate-seeking Students Graduated Within 3 Years

Definition: *First-time, Full-time Degree, Certificate, or Credential seeking Students who Graduated Within Three Years with Either an AAS Degree or Certificate - Students who (1) enrolled at the specific TSTC college for the first time, (2) were enrolled for 12 or more semester credit hours as of the official census date in their first semester of enrollment, (3) declared they were seeking either an Associate of Applied Science (AAS) degree or a vocational/technical certificate in their first semester of enrollment, and (4) graduated within three years.*

Data Limitations: *Excludes part-time students and students enrolled in external articulated programs. The Coordinating Board's Educational Data Center maintains certified data relevant to this measure, but final certification may not take place in time for reporting deadlines.*

Data Source: *Data sources are TSTC's administrative computer database (COLLEAGUE) and data obtained directly from certified Coordinating Board reports (where available).*

Methodology: *This measure is calculated by assigning students who meet the criteria as "first-time, full-time degree or certificate-seeking students" to a term-and location-specific cohort. Each term's cohort is tracked for three years and the status of each student is determined as of the end of the three-year period--either certified as having graduated or not certified as having graduated. The number of students certified as having graduated and the total number of students in the cohort are summed for each of the three cohorts whose third year ends in the fiscal year being reported. Then, the total annual number of students certified as having graduated is expressed as a percentage of the total number of students in the annual cohort.*

Note: TSTC changed from a quarter calendar to a semester calendar effective Fall 2000. See TSTC's Agency Strategic Plan for the 2001-2005 Period for the estimated impact of this change.

Purpose: *This measure indicates TSTC's success in assisting students to complete educational programs.*

Measure 2: Number of Associate Degrees and Certificates Awarded Annually

Definition: *Number of Associate Degrees and Certificates Awarded - Total number of THECB-approved associate of applied sciences degrees and vocational/technical certificates awarded for the fiscal year.*

Data Limitations: *May include multiple awards to the same student. The Coordinating Board's Educational Data Center maintains certified data relevant to this measure, but final certification may not take place in time for reporting deadlines.*

Data Source: *Data sources are TSTC's administrative computer database (COLLEAGUE) and data obtained directly from certified Coordinating Board reports (where available).*

Methodology: *This measure is calculated by summing the number of associate degrees and certificates awarded during the fiscal year.*

Purpose: *This measure indicates the successful completion of TSTC educational programs by students.*

Measure 3: Number of Minority Students Graduated Annually

Definition: *Minority Students Graduated - Students who report that their ethnic origin is African-American, Hispanic, Asian-Pacific Islander, or Native American and who graduate with an Associate of Applied Science (AAS) degree or a vocational/technical certificate during a fiscal year.*

Data Limitations: *The Coordinating Board's Educational Data Center maintains certified data relevant to this measure, but final certification may not take place in time for reporting deadlines.*

Data Source: *Data sources are TSTC's administrative computer database (COLLEAGUE) and data obtained directly from certified Coordinating Board reports (where available).*

Methodology: *This measure is calculated by determining the unduplicated number of minority students who were certified as having graduated during the fiscal year. Students indicating an ethnicity of "Multi-racial, one of which is African American should be included as African-American students.*

Purpose: *This measure indicates TSTC's success in successfully graduating minority students.*

Measure 4: Number of Former TSTC Students Working after One Year of Not Attending TSTC

Definition: *Number of former TSTC students who are found working in the Texas economy after a period of one year of not attending TSTC.*

Data Limitations: *Only students who have accumulated 9 semester credit hours (or the equivalent in continuing education credit) are included in the initial cohort for this measure. Students must be found working in 3 of 4 calendar quarters following the one-year period of not attending TSTC to be included in this count. The TWC workforce data includes about 90 percent of employment in Texas. Some students do not provide a Social Security number (SSN) to TSTC and therefore are excluded from this measure.*

Data Source: *Data sources are TSTC's administrative computer database (COLLEAGUE), for last date of attendance, and quarterly TWC workforce data made available to TSTC under contractual arrangements with TWC.*

Methodology: *Cohorts of students who were enrolled in a calendar quarter of the "Initial Year" and who were not enrolled during the next four calendar quarters at TSTC are matched by Social Security number with TWC workforce data for the four quarters following the year of non-enrollment at TSTC. Students who were found in 3 of the 4 calendar quarters of the "Matching Year" are included in the count for the "Measurement Year." These time frames are defined as follows:*

***"Initial Year"** includes the 2nd, 3rd, and 4th quarters of the calendar year three years removed from the "Measurement Year" and the 1st quarter of the calendar year 2 years removed from the "Measurement Year."*

***"Matching Year"** includes the four calendar quarters beginning one year after the end of the calendar quarter in which each cohort was no longer enrolled at TSTC. The "Matching Year" is different for each quarterly cohort.*

***"Measurement Year"** is the current reporting year for LBB/GOBP Performance Measures.*

*See **Figure 1.** at the end of of this document)*

Purpose: *This performance measure provides a view into the value of TSTC education and training on Texas industry and the economy.*

Measure 5: Percent of Former TSTC Students Working After One Year of Not Attending TSTC

Definition: *Percent of former TSTC students who are found working in the Texas economy after a period of one year of not attending TSTC.*

Data Limitations: *Only students who have accumulated 9 semester credit hours (or the equivalent in continuing education credit) are included in the initial cohort for this measure. Students must be found working in 3 of 4 calendar quarters following the one-year period of not attending TSTC to be included in the count of those working. The TWC workforce data includes about 90 percent of employment in Texas. Some students do not provide a Social Security number (SSN) to TSTC and therefore are excluded from this measure.*

Data Source: *Data sources are TSTC's administrative computer database (COLLEAGUE), for last date of attendance, and quarterly TWC workforce data made available to TSTC under contractual arrangements with TWC.*

Methodology: *Percent found working = Number found working/Total number in the cohorts who departed TSTC times 100 (whole number).*

The time frames are defined as follows:

"Initial Year" includes the 2nd, 3rd, and 4th quarters of the calendar year three years removed from the "Measurement Year" and the 1st quarter of the calendar year 2 years removed from the "Measurement Year."

"Matching Year" includes the four calendar quarters beginning one year after the end of the calendar quarter in which each cohort was no longer enrolled at TSTC. The "Matching Year" is different for each quarterly cohort.

"Measurement Year" is the current reporting year for LBB/GOBP Performance Measures.

*See **Figure 1.** at the end of of this document)*

Purpose: *This performance measure provides a view into the value of TSTC education and training on Texas industry and the economy.*

Measure 6: Total Annual Salaries of Students Working After One Year of Not Attending TSTC

Definition: *Total annual salaries of former TSTC students who are found working in the Texas economy after a period of one year of not attending TSTC.*

Data Limitations: *Only students who have accumulated 9 semester credit hours (or the equivalent in continuing education credit) are included in the initial cohort for this measure. Students must be found working in 3 of 4 calendar quarters following the one-year period of not attending TSTC to be included in the count of those working. The TWC workforce data includes about 90 percent of employment in Texas. Some students do not provide a Social Security number (SSN) to TSTC and therefore are excluded from this measure.*

Data Source: Data sources are TSTC's administrative computer database (COLLEAGUE) for last date of attendance, and quarterly TWC workforce data made available to TSTC under contractual arrangements with TWC.

Methodology: *Cohorts of students who were enrolled in a calendar quarter of the "Initial Year" and who were not enrolled at TSTC during the next four calendar quarters are matched by Social Security number with TWC workforce data for the four quarters following the year of non-enrollment at TSTC. Annualized salaries of students who were found in 3 of the 4 calendar quarters of the "Matching Year" are included in the total annual salaries of "employed" former students for the "Measurement Year."*

The sum of the quarterly earnings of each cohort's former students is included in the total annual salaries of "employed" former students if salary data is found in each of the four quarters of TWC data. If only three quarters of data is found for a former student, then the salary is annualized as follows:

$$\text{Annualized Salary} = \text{Total Salary summed for 3 quarters divided by 3 and multiplied by 4}$$

These annualized salaries are then included in the total annual salaries of "employed" former students.

The time frames are defined as follows:

***"Initial Year"** includes the 2nd, 3rd, and 4th quarters of the calendar year three years removed from the "Measurement Year" and the 1st quarter of the calendar year 2 years removed from the "Measurement Year."*

***"Matching Year"** includes the four calendar quarters beginning one year after the end of the calendar quarter in which each cohort was no longer enrolled at TSTC. The "Matching Year" is different for each quarterly cohort.*

***"Measurement Year"** is the current reporting year for LBB/GOBP Performance Measures.*

*(See **Figure 1.** at the end of of this document)*

Purpose: *This performance measure provides a view into the value of TSTC education and training on Texas industry and the economy.*

EFFICIENCY MEASURES

Goal 1:	Provide Instructional and Operations Support
Objective 1:	Provide Instructional and Operations Support
Strategy 1:	Instruction and Administration
Measure:	Administrative Cost as a Percent of Operating Budget.
Definition:	<i>Administrative Cost as a Percent of Total Expenditures - Summation of Institutional Support expenditures for E&G, Designated, and Restricted current funds expressed as a percentage of the total expenditures in those categories.</i>
Data Source:	<i>Data sources are TSTC's administrative computer database (COLLEAGUE) and TSTC's annual financial report..</i>
Methodology:	<i>This measure is calculated by dividing the total of Institutional Support expenditures for E&G, Designated, and Restricted current funds by the total expenditures for current funds, excluding Auxiliary. The resulting quotient is multiplied by 100 to yield a percentage.</i>
Purpose:	<i>This measure indicates the proportion of the operating budget being spent on administrative costs.</i>

OUTPUT MEASURES

Goal 1:	Provide Instructional and Operations Support
Objective 1:	Provide Instructional and Operations Support
Strategy 1:	Instruction and Administration
Measure 1:	Number of Contact Hours Taught Annually
Definition:	<i>Number of Contact Hours Taught Annually - Number of instructional hours in all courses as of the official census date for each reporting period during a fiscal year.</i>
Data Limitations:	<i>The Coordinating Board's Educational Data Center maintains certified data relevant to this measure, but final certification may not take place in time for reporting deadlines.</i>
Data Source:	<i>Data sources are TSTC's administrative computer database (COLLEAGUE) and data obtained directly from certified Coordinating Board reports (where available).</i>
Methodology:	<i>This measure is calculated by summing the total contact hours for all courses each reporting period from certified CBM004 and CBM00C data and then summing for the fiscal year.</i>
Purpose:	<i>This measure reflects the quantity of course work delivered in a fiscal year.</i>

Goal 1:	Provide Instructional and Operations Support
Objective 1:	Provide Instructional and Operations Support
Strategy 1:	Instruction and Administration
Measure 2:	Percent Contact Hours Completed Annually at the End of the Reporting Period
Definition:	<i>Percent of Contact Hours Completed Annually at the End of the Reporting Period - Number of contact hours completed in a given reporting period in relation to the number of contact hours on the official census date of that reporting period during a fiscal year.</i>
Data Limitations:	<i>The Coordinating Board's Educational Data Center maintains certified data relevant to this measure, but final certification may not take place in time for reporting deadlines.</i>
Data Source:	<i>Data sources are TSTC's administrative computer database (COLLEAGUE) and data obtained directly from certified THECB reports (where available).</i>
Methodology:	<i>This measure is calculated by dividing the number contact hours for which students are enrolled on the last day of the reporting period (CBM00S) by the number of academic contact hours for which students were enrolled on the official census date of that reporting period(CBM004 and CBM006).</i>
Purpose:	<i>This measure provides an indicator of the course completion rate throughout the reporting period.</i>

Goal 1:	Provide Instructional and Operations Support
Objective 1:	Provide Instructional and Operations Support
Strategy 1:	Instruction and Administration
Measure 3:	Fall Headcount
Definition:	<i>Fall Headcount Enrollment - Unduplicated number of students enrolled as of the official census date of the Fall reporting period.</i>
Data Limitations:	<i>None</i>
Data Source:	<i>Data sources are TSTC's administrative computer database (COLLEAGUE) and data obtained directly from certified Coordinating Board reports (where available).</i>
Methodology:	<i>This measure is calculated by determining the total unduplicated number of students enrolled for the Fall reporting period, (CBM001 & CBM00A).</i>
Purpose:	<i>This measure reflects the number of students who have benefited from TSTC educational programs during the Fall reporting period.</i>

Goal 1: Provide Instructional and Operations Support
Objective 1: Provide Instructional and Operations Support
Strategy 1: Instruction and Administration
Measure 4: Number of Minority Students Enrolled Annually

Definition: *Number of Minority Students Enrolled - Number of students who report that their ethnic origin is African-American, Hispanic, Asian-Pacific Islander, or Native American and who are U. S. citizens.*

Data Limitations: *None*

Data Source: *Data sources are TSTC's administrative computer database (COLLEAGUE) and data obtained directly from certified Coordinating Board reports (where available).*

Methodology: *This measure is calculated by determining the total college unduplicated number of minority students enrolled for the fiscal year, (CBM001 & CBM00A). Students indicating an ethnicity of "Multi-racial, One of which is African American" should be included as African-American students.*

Purpose: *This measure indicates TSTC's success in attracting minority students.*

Goal 1: Provide Instructional and Operations Support
Objective 1: Provide Instructional and Operations Support
Strategy 1: Instruction and Administration

Measure 5: *Annual Headcount Enrollment*

Definition: Headcount Enrollment - Annual unduplicated count of students as of the official census dates.

Data Limitations: The Coordinating Board's Educational Data Center maintains certified data relevant to this measure, but final certification may not take place in time for reporting deadlines.

Data Source: Data sources are TSTC's administrative computer database (COLLEAGUE) and data obtained directly from certified Coordinating Board reports (where available).

Methodology: This measure is calculated by determining the total unduplicated number of students enrolled during the fiscal year as of the official census dates.

Purpose: This measure reflects the number of students who have benefited from TSTC educational programs during the year.

Goal 1:	Provide Instructional and Operations Support
Objective 1:	Provide Instructional and Operations Support
Strategy 1:	Instruction and Administration
Measure 6:	Number of Semester Credit Hours Taught Annually
Definition:	<i>Number of semester credit hours taught annually as of the official census date for each reporting period during a fiscal year.</i>
Data Limitations:	<i>The Texas Higher Education Coordinating Board's Educational Data Center maintains certified data relevant to this measure but final certification may not take place in time for reporting deadlines.</i>
Data Source:	<i>Data sources are TSTC's administrative computer database (COLLEAGUE) and data obtained directly from certified Coordinating Board reports (where available).</i>
Methodology:	<i>This measure is calculated by summing the total semester credit hours for each reporting period from certified CBM004 and then summing for the fiscal year.</i>
Purpose:	<i>This measure reflects the quantity of coursework delivered to students during the fiscal year.</i>

Goal 1:	Provide Instructional and Operations Support
Objective 1:	Provide Instructional and Operations Support
Strategy 1:	Instruction and Administration
Measure 7:	Percent Semester Credit Hours Completed at the End of the Reporting Period
Definition:	<i>Percent of Semester Credit Hours Completed Annually at the End of the Reporting Period – Number of semester credit hours completed in a given reporting period in relation to the number of semester credit hours on the official census date of that reporting period during the fiscal year.</i>
Data Limitations:	<i>The Coordinating Board’s Educational Data Center maintains certified data relevant to this measure but final certification may not take place in time for reporting deadlines.</i>
Data Source:	<i>Data sources are TSTC’s administrative computer database (COLLEAGUE) and data obtained directly from certified Coordinating Board reports (where available).</i>
Methodology:	<i>This measure is calculated by dividing the number of semester credit hours for which students are enrolled on the last day of the reporting period (CBM006) and data obtained directly from certified THECB reports (where available).</i>
Purpose:	<i>This measure provides an indicator of the course completion rate throughout the reporting period.</i>

Agency 719: Texas State Technical College System Administration

Goal 1: Provide Instructional and Operations Support

Objective 1: Provide Instructional and Operations Support

Strategy 6: Technical Training Partnerships

Measure 1: Fall Term Partnership Headcount Enrollment

Definition: Fall Term Partnership Headcount Enrollment - Unduplicated number of students enrolled in educational programs operated in partnership with community colleges on the official census date of the Fall term.

Data Limitations: The Coordinating Board's Educational Data Center maintains certified data relevant to this measure, but final certification may not take place in time for reporting deadlines.

Data Source: Data sources are TSTC's administrative computer database (COLLEAGUE).

Methodology: This measure is calculated by determining the total unduplicated number of students enrolled in educational programs operated in partnership with community colleges on the official census date of the Fall term.

Purpose: This measure reflects the number of students who have benefited from TSTC educational programs operated in partnership with community colleges that are funded by this strategy.