



Technical Resources – PEIMS Career and Technical Education Indicator

Texas Education Data Standards

2022-2023 Pilot Year

2023-2024 Parallel Year

2024-2025 Statewide Implementation

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Notice

The information in this document is **subject to change** without notice and should be classified as a working document. Changes can be found listed by date in the change log.

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Introduction

The Texas Student Data System (TSDS) is a statewide system for collecting and reporting education data for publicly funded schools in the State of Texas. The Texas Education Data Standards (TEDS) is a collection of data standards for transferring data to TSDS based on the national Ed-Fi standards with the addition of Texas specific extended requirements. This document provides additional information needed when reporting data to the Texas Education Agency.

PEIMS Career and Technical Education Indicator

Beginning with the 2020-2021 school year, the Career and Technical Education Indicator is a calculated value based on the student’s course completion data for all years in which the student could have taken a High School CTE course. The Career and Technical Education Indicator will be calculated by TEA for all students in grades 06-12.

The Career and Technical Education Indicator is calculated, once the PEIMS Summer Submission is in the Accepted status for all LEAs and once the PEIMS Extended-Year Submission is in the Accepted status for all LEAs. Reports that display the calculated value will be available approximately two weeks after each submission closes.

The possible calculated Career and Technical Education Indicator values are described below:

Table Identification	Name	Date Issued	Date Updated
C142	Career And Technical Education Indicator	03/03/1993	09/01/2021
Indicator	Description		
4	Not CTE: A student who never completed any high-school CTE courses.		
5	CTE Program Participant: A student who completes either one high school CTE course for any number of credits or more than one high school CTE course for less than two credits (the student does not have to pass or receive credit).		
E	CTE Program Explorer: A student who completes two or more high school CTE courses for a total of two or more credits and not a Participant, Concentrator or Completer (the student does not have to pass or receive credit) or		

Table Identification	Name	Date Issued	Date Updated
C142	Career And Technical Education Indicator	03/03/1993	09/01/2021
Indicator	Description		
	A student who completes, passes, and receives enough credits to be coded as a Concentrator or Completer in a Regional Program of Study, but completes the year in an unapproved region.		
6	CTE Program Concentrator: A student who completes and passes two or more CTE courses for a total of at least two credits within the same Program of Study and not a Completer.		
7	CTE Program Completer: A student who completes and passes three or more high school CTE courses for a total of four or more credits, including one level three or level four course from within the same Program of Study.		

Note:

1. The values listed in the table above are calculated values and not submitted to TEA.
2. Not all high-school CTE courses are associated with a Program of Study. Use [this link](#) for a complete listing of Service IDs associated with a Program of Study.
3. All CTE courses used in auto coding must be eligible for high-school credit, including innovative CTE courses. These CTE courses are listed in the Course table with an “H” in the “Eligible for State HS Credit” column.

CTE Indicators 6 and 7:

Course completion records must have a Course Sequence Descriptor (C135) of 0, 2, 5, 9, D0, D2, D5, or D9 and a Course Attempt Result (C136) of 1 or 8 to be considered in the calculation. Additionally, only certain CTE courses are considered when determining Concentrators (Indicator 6) and Completers (Indicator 7). The list of valid service IDs can be found [here](#).

CTE Program Concentrator (Indicator 6) are students completing and passing two or more high school CTE program courses as defined by 19 TAC Chapter 126 (C), 127 (B), or 130, for a total of at least two credits **within the same program of study** and not a Completer.

CTE Program Completer (Indicator 7) are students completing and passing three or more high school CTE program courses as defined by 19 TAC Chapter 126 (C), 127 (B), or 130, for a total of four or more credits within a program of study, including one level 3 or level 4 course from **within the same program of study**.

Note: A student may be a Concentrator or Completer in more than one program of study. A student may be a Concentrator in one or more programs of study and also a Completer in one or more programs of study.

CTE Indicators 5 and E:

Course completion records must have a Course Sequence Descriptor (C135) of 0, 2, 5, 9, D0, D2, or D9 to be considered in the calculation. Course Attempt Results (C136) are **not** considered in the calculation.

CTE Program Participant (Indicator 5) are students completing either only one CTE course for any number of credits or more than one course for less than two credits where a CTE course is defined by 19 TAC Chapter 126 (C), 127 (B), or 130 (the student does not have to pass or receive credit).

CTE Program Explorer (Indicator E) are students completing two or more high school CTE courses for a total of two or more credits defined by 19 TAC Chapter 126 (C), 127 (B), or 130 and not a Participant, Concentrator, or Completer (the student does not have to pass or receive credit).

CTE Indicators 4:

All students not coded a 5, E, 6, or 7 will be coded as a 4. This includes students that have never been enrolled in a CTE course, students that take middle school CTE courses and students that only complete the first parts of multiple part CTE courses.

Not CTE (Indicator 4) are students who never enrolled or who did not complete any high school CTE course as defined by 19 TAC Chapter 126 (C), 127 (B), or 130.

State and Federal Clusters are assigned to each program of study and are used for reporting purposes.

Calculation Scenarios:

Scenario	Calculated CTE Indicator	Notes
Student never enrolls in a CTE course	4	
Student only completes the course College and Career Readiness (12700300). This is a middle-school CTE course.	4	
Student only completes the first part of any two-part CTE course.	4	The student is an indicator 4 because they did not complete the last part of a multi-part course.
Student completes and passes all parts of the course Principles of Applied Engineering (13036200) and all parts of the course Introduction to Aircraft Technology (13039350)	E	Principles of Applied Engineering and Introduction to Aircraft are not in the same program of study.
Student completes all parts of the course Principles of Applied Engineering (13036200) but does not pass the course.	5	The student completed one CTE course, so they are not reported with indicator 4. The student only completed one course and did not complete and pass two CTE courses so they are not indicator E or 6 (if within the same program of study, passed both and received at least 2 credits).
Student completes and passes all parts of Foundations of Cybersecurity (03580850) and Computer Programming I (13027600).	6	Student is indicator 6 because both courses are in the same program of study.
Student completes and passes all parts of Principles of Biosciences (13036300), Biotechnology I (13036400), and Biotechnology II (13036450).	6	Student is indicator 6 because all courses are in the same program of study.
Student completes and passes all parts of Principles of Applied Engineering (13036200), Manufacturing Engineering Technology I (13032900), Aerospace	7	Student is indicator 7 because all courses are in the same program of study.

Scenario	Calculated CTE Indicator	Notes
Engineering (PLTW)(N1303745), and Scientific Research and design (13037200).		
Student completes and passes all parts of Principles of Manufacturing (13032200), Principles of Applied Engineering (13036200), Robotics I (13037000), and Robotics II (13037050).	7	Student is indicator 7 because three or more courses are in the same program of study for four or more credits, and one of them is a level 3 or 4 course.