

Troubleshooting Career Technical Education (CTE) Reports



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Overview

CTE reports are generated for Local Education Agencies (LEAs) who have students reported with CTE EMIS data. CTE program funding is generated through CTE FTEs which are part of the CTE reports. This presentation will provide data verification and error resolution guidance.



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Outline

- CTE Level 2 Reports
- Accessing and Formatting Level 2 CTE Reports
- Understanding the CTE FTE Detail Report
- Connecting the CTE FTE Detail Report and the CTE Error Detail Reports
- Troubleshooting the CTE Error Detail Reports
- Understanding the CTE Summary Reports
- Requesting CTE Overrides
- CTE FTE Daily Summary Reports



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CTE FTE Level 2 Reports



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CTE Level 2 Reports

- (CTEA-000) CTE FTE Detail
 - Full detail report by student and course
 - Report of students with errors on any of the error detail reports
- (CTEA-001) CTE Student Error Detail
 - Report of students with Error Result Codes
- (CTEA-002) CTE Course Error Detail
 - Report of courses with Error Result Codes
- (CTEA-003) CTE Staff Error Detail
 - Report of staff with Error Result Codes



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CTE Summary and Override Reports

- (CTEA-004) CTE FTE Summary by Course
 - Summary report by course with Course Potential and Actual FTEs
- (CTEA-005) CTE FTE Summary by Category
 - Summary report by FTE Fund Pattern Code and CTE Fund Category with Course Potential and Actual FTEs
- (CTEA-006) CTE Approved Overrides
 - Report of overrides approved by the Office of Career Tech and applied to the CTE funding process



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CTE FTE Daily Summary Reports

- (CTEA-007) CTE FTE Daily Summary Report – Students District is Educating
 - Contains CTE FTEs summed by CTE Fund Category Number
- (CTEA-008) CTE FTE Daily Summary Report – Students Initially Funded at District
 - Contains CTE FTEs summed by Result Code and CTE Fund Category Number
- (CTEA-009) CTE FTE Daily Summary Report – Transfers
 - Contains CTE FTEs summed by Result Code and CTE Fund Category Number



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CTE Report Data

- CTE reports use EMIS data from
 - Initial and Final Staff and Course (L) Collections
 - Calendar (C) Collections
 - Student (S) Collections
- CTE reports are updated nightly using EMIS data submitted as of 5pm
- CTE reports can contain EMIS data from other LEAs



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Accessing and Formatting Level 2 CTE Reports



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Accessing CTE Reports

CTE reports are available in Staff and Course (L) Collections

Select Level 2 Reports

Staff and Course Collection - Final (FY20)
 FY20-L-Stf Crs Final: Collection required for all EMIS reporting entities. The final staff collection includes staff employed any time in FY20. It als...

Submissions: February 04, 2020 - August 07, 2020 (177 days till close)
Version: 1
Status: The collection was submitted February 07, 2020 at 03:59:12 PM by [redacted]
Submission Status: Processing Completed (February 07, 2020 at 03:59:23 PM)
Submission Number: 1 (attempt 4)
Actions: [Start Collection](#)
[Add New Scheduled Collection](#)
[Edit Default Collection properties](#)

From ODE: [Level 2 Reports](#)

Prepare Outputs: [Level 1 Validations](#)
[View submission 1 Data](#)



Accessing CTE Reports, cont'd

The Level 2 Reports link from the Collection Requests tab will take you to the Reports tab and to Level 2 Reports

Data Feedback Reports and Files
 Post-Submission and Processing by ODE
[Highlights and Recent](#) | [Level 2 Details](#) | [Received Files Details](#)

Collection Requests | Collection Status | Submissions | Progress | Reports | Archives | Messages | Resources | Preferences

Level 2 Reports

Filter Options

LEA: Use IRN Below | Collection Request: FY20-L-Stf Crs Final | Data Set: All | School Year: All | Category: All

LEA IRN: | Report Name: All | Last Activity Within: All | Last Updated on or after: (mm/dd/yyyy)

Processed on or after: (mm/dd/yyyy) | With Data Only: Exclude reports with 0 rows | Report Name includes: CTE

Display Options

Group By: Collection Request | LEA | Level 2 Report | Category | Data Set | None | File Format: CSV | HTML

[Show Reports](#) | [Restore Defaults](#) | [Reset Date textboxes](#)

Use filter to limit results

Select "Show Reports"



Level 2 Report Dates

- Process date – when ODE successfully processed the data used in the report for the entire state
- Last Updated date – when report was updated with data that added, changed or removed rows. If no rows changed then the date remains unchanged
- Submission – when LEA submitted data

Category	Data Set	Process Date	Last Upd Date	Submission
Funding Reports	L	02/08/20 17:16	02/09/20 07:13	1 Unknown
Funding Reports	L	02/08/20 17:16	02/09/20 07:13	1 Unknown
Funding Reports	L	02/08/20 17:16	02/09/20 07:13	1 Unknown



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CTE Report Error Categories

Fatal	Critical	Warn	Info	Total
65	8	0	3081	3154
2	0	0	0	2
11	0	0	0	11
9	0	0	0	9
0	0	0	184	184
0	0	0	184	184

Fatal severity codes occur when the CTE FTE Adjusted FTE is zero

Critical severity codes occur when the CTE FTE Adjusted FTE is less than the Original FTE but is not reduced to zero

Informational severity codes will appear when the Adjusted FTE and Original FTE are the equal

It is recommended to review the entire report and not just focus on errors



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Opening CTE Reports

Collection Request / Report Name	LEA	Fatal	Critical	Warn	Info	Total	Category	Data Set	Process Date	Last Upd Date	Submission
▼ Initial Staff and Course Collection (FY19) (2019L1STR) (Count: 11)											
(CTEA-000) CTE FTE Detail		65	8	0	3081	3154	Funding	L	01/05/19 00:00	01/10/19 00:00	22 on 01/04/19
(CTEA-001) CTE Student Error Detail								L	01/05/19 00:00	11/18/18 00:00	22 on 01/04/19
(CTEA-002) CTE Course Error Detail								L	01/05/19 00:00	12/28/18 00:00	22 on 01/04/19
(CTEA-003) CTE Staff Error Detail								L	01/05/19 00:00	12/13/18 00:00	22 on 01/04/19
(CTEA-004) CTE FTE Summary by Course								L	11/20/18 00:00	01/10/19 00:00	6 Unknown
(CTEA-005) CTE FTE Summary by Category								L	11/20/18 00:00	01/10/19 00:00	6 Unknown
(CTEA-006) CTE Approved Overrides		0	0	0	223	223	Funding	L	12/10/18 00:00	01/06/19 00:00	12 Unknown
(CTEA-007) CTE FTE Daily Summary Report - Students District is Educating		1	2	1	4	8	Funding	L	01/05/19 00:00	01/10/19 00:00	22 on 01/04/19
(CTEA-008) CTE FTE Daily Summary Report - Students Initially Funded at District									01/05/19 00:00	01/10/19 00:00	22 on 01/04/19
(CTEA-009) CTE FTE Daily Summary Report - Transfers									01/05/19 00:00	01/10/19 00:00	22 on 01/04/19
(TLCS-001) Teacher Licensure Course Status									01/11/19 00:00	01/11/19 00:00	Not Known
generate a single.zip file for all reports report report information to a .csv file											

Error Detail and Approved Override reports will be available as applicable to each LEA

Open individual reports or "Generate a single .zip file for all reports"



Open (CTEA-000) CTE FTE Detail Report

From the Level 2 Reports screen or the ZIP file, open the CTE FTE Detail Report

(CTEA-000) CTE FTE Detail0...	Microsoft Excel ...	100 KB	No	1,269 KB	93%
(CTEA-001) CTE Student Er0...	Microsoft Excel ...	1 KB	No	1 KB	60%
(CTEA-002) CTE Course Err0...	Microsoft Excel ...	1 KB	No	2 KB	80%
(CTEA-003) CTE Staff Erro04...	Microsoft Excel ...	1 KB	No	3 KB	84%
(CTEA-004) CTE FTE Summ...	Microsoft Excel ...	4 KB	No	27 KB	88%
(CTEA-005) CTE FTE Summ...	Microsoft Excel ...	1 KB	No	1 KB	61%
(CTEA-006) CTE Approved ...	Microsoft Excel ...	8 KB	No	107 KB	94%
(CTEA-007) CTE FTE Daily 0...	Microsoft Excel ...	1 KB	No	2 KB	72%
(CTEA-008) CTE FTE Daily 0...	Microsoft Excel ...	1 KB	No	4 KB	84%
(CTEA-009) CTE FTE Daily 0...	Microsoft Excel ...	1 KB	No	5 KB	87%



Formatting the (CTEA-000) CTE FTE Detail Report

The next series of slides will demonstrate these Excel basics

- Wrap text header row
- Freeze top row
- Expand all columns
- View formatted report with default sort
- Apply filters



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Wrap Text Header Row

First select the header row by clicking on the number "1"

Then from the Home tab select "Wrap Text"

IRN	RT DEST	SSID	EmisId	LastName	FirstName	MiddleName	RESULT CODE	RESULT CODE	SEVERITY CODE	STDNT LEVEL	COURSE LEVEL	STAFF LEVEL	SUBJECT CODE	SUBJECT DESCR	LEA IRN	LOCAL CLASSRM CODE	COURSE START DATE
010101	RQ346751	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	N	Y	Y	252525	Career Ba	222222	CSHS-CBI-	2017-07-3	
010101	RC282821	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	Y	Y	N	252525	Career Ba	222222	CSHS-CBI-	2017-08-2	
010101	RM942821	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	Y	Y	N	252525	Career Ba	222222	CSHS-CBI-	2017-08-2	
010101	SK775068	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	N	N	Y	145005	Informati	010101	MMHS-76	2017-08-1	
010101	UA222072	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	N	N	Y	145005	Informati	010101	MMHS-76	2017-08-1	
010101	TY629752	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	N	N	Y	145005	Informati	010101	MMHS-76	2017-08-1	
010101	TY590767	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	N	N	Y	145005	Informati	010101	MMHS-76	2017-08-1	
010101	SV297145	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	N	N	Y	990364	Career Co	010101	MMHS-VN	2017-08-1	
010101	SV222742	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	N	N	Y	990364	Career Co	010101	MMHS-VN	2017-08-1	
010101	SV267779	Not Avail:	Not Avail:	Not Avail:	Not Avail:	SC0000	CTE Base	F	N	N	Y	990364	Career Co	010101	MMHS-VN	2017-08-1	



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Freeze Top Row

Select the "View" tab

Then select "Freeze Panes" and "Freeze Top Row"

Freeze Panes
Keep rows and columns visible while the rest of the worksheet scrolls (based on current selection).

Freeze Top Row
Keep the top row visible while scrolling through the rest of the worksheet.

Freeze First Column
Keep the first column visible while scrolling through the rest of the worksheet.

IRN	SSID	Emisd	e	ame	CODE	RESULT CODE	DESCR	SEVERITY CODE	LEVEL	STDNT	ERR FLAG	ERR FLAG	ERR FLAG	CODE	DESCR	LEA IRN
010101	RQ346751	Not Avail	Not Avail	Not Avail	Not Avail	SC0000	CTE Base	F	N	Y	Y	Y	252525	Career Ba	222222	
010101	RC282821	Not Avail	Not Avail	Not Avail	Not Avail	SC0000	CTE Base	F	Y	Y	N	N	252525	Career Ba	222222	
010101	RM942821	Not Avail	Not Avail	Not Avail	Not Avail	SC0000	CTE Base	F	Y	Y	N	N	252525	Career Ba	222222	
010101	SK775068	Not Avail	Not Avail	Not Avail	Not Avail	SC0000	CTE Base	F	N	N	Y	Y	145005	Informati	010101	
010101	UA222072	Not Avail	Not Avail	Not Avail	Not Avail	SC0000	CTE Base	F	N	N	Y	Y	145005	Informati	010101	
010101	TY629752	Not Avail	Not Avail	Not Avail	Not Avail	SC0000	CTE Base	F	N	N	Y	Y	145005	Informati	010101	
010101	TY590767	Not Avail	Not Avail	Not Avail	Not Avail	SC0000	CTE Base	F	N	N	Y	Y	145005	Informati	010101	



Expand all Columns

Click on the triangle between Column A and Row 1 to select the entire spreadsheet

Place cursor between any two column headers and double click

LastName	name	CODE	RESULT CODE	DESCR	SEVERIT Y CODE	ERR FLAG	ERR FLAG	ERR FLAG	CODE	DESCR	LEA IRN
Not Availab	able	SC0000	CTE Base	FTE	F	N	Y	Y	252525	Career Ba	222222
Not Availab	able	SC0000	CTE Base	FTE	F	Y	Y	N	252525	Career Ba	222222
Not Availab	able	SC0000	CTE Base	FTE	F	Y	Y	N	252525	Career Ba	222222
Not Availab	able	SC0000	CTE Base	FTE	F	N	N	Y	145005	Informati	010101



Apply Filters

From the "Data" tab choose "Filter"

Filters will be available to select in each column header

RPT DEST	IRN	SSID	EmisId	MiddleName	CODE	CODE DESC	Y COD	FLAC	FLAG	STDNT LEVEL	COURSE LEVEL
010101	RQ3467518	Not Availab		Not Available	SC0000	CTE Base FTE	F	N	Y		
010101	RC2828211	Not Availab		Not Available	SC0000	CTE Base FTE	F	Y	Y		
010101	RM9428211	Not Availab		Not Available	SC0000	CTE Base FTE	F	Y	Y		
010101	SK7750684	Not Availab		Not Available	SC0000	CTE Base FTE	F	N	N		



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Quick Check

CTE reports contain a large amount of data and should be reviewed often. Knowing how to prepare the reports using Excel can make the data review process much easier. Saving your work between reviews can be helpful in troubleshooting issues over time.

- Are you able to access your most recent CTE reports?
- Can you format the CTE reports to prepare them for review?
- Did you add filters to all columns so they are ready to use as we work through the reports in upcoming slides?



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Understanding the CTE FTE Detail Report



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(CTEA-000) CTE FTE Detail Report Data

Contains rows of CTE data by student and CTE course in which they are enrolled

- Students with changes to their Student Standing (FS), Student Attributes Date Effective (FD), or Student Course (GN) Records can have multiple rows of data on the CTE FTE Detail Report

The first column contains the IRN of the LEA receiving the report

	A	B	C	D	E	F
	RPT DEST	SSID	Emisid	LastName	FirstName	MiddleName
1	010101	RQ3467518	Not Available	Not Available	Not Available	Not Available
2	010101	RC2828211	Not Available	Not Available	Not Available	Not Available
3	010101	RM9428211	Not Available	Not Available	Not Available	Not Available
4	010101	SK7750684	Not Available	Not Available	Not Available	Not Available
5	010101	UA2220725	Not Available	Not Available	Not Available	Not Available
6	010101	TY6297529	Not Available	Not Available	Not Available	Not Available
7	010101	TY5907678	Not Available	Not Available	Not Available	Not Available
8	010101	SV2971456	Not Available	Not Available	Not Available	Not Available
9	010101	SV2227421	Not Available	Not Available	Not Available	Not Available
10	010101	SV2677794	Not Available	Not Available	Not Available	Not Available
11	010101	SV2677794	Not Available	Not Available	Not Available	Not Available



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(CTEA-000) CTE FTE Detail Report Data, cont'd

Result Code "SC0000" and Result Code Description "CTE Base FTE" are not error codes

The Severity Code is set based on a comparison between the original FTE and the adjusted FTE

- CTE FTEs with an "F" Fatal Severity Code are reduced to zero
- CTE FTEs with a "C" Critical Severity Code are reduced but not to zero
- CTE FTEs with an "I" Information Severity Code are not reduced

RESULT CODE	RESULT CODE DESCR	SEVERITY CODE	STDNT LEVEL	COURSE LEVEL	STAFF LEVEL
ERR FLAG	ERR FLAG	ERR FLAG			
SC0000	CTE Base FTE	F	N	Y	Y
SC0000	CTE Base FTE	F	Y	Y	N
SC0000	CTE Base FTE	F	Y	Y	N
SC0000	CTE Base FTE	F	N	N	Y
SC0000	CTE Base FTE	F	N	N	Y
SC0000	CTE Base FTE	F	N	N	Y
SC0000	CTE Base FTE	F	N	N	Y
SC0000	CTE Base FTE	F	N	N	Y
SC0000	CTE Base FTE	F	N	N	Y
SC0000	CTE Base FTE	F	N	N	Y
SC0000	CTE Base FTE	F	N	N	Y
SC0000	CTE Base FTE	F	N	N	Y

In an upcoming slide we will talk about the relationship between the CTE FTE Detail Report and the Error Detail Reports



(CTEA-000) CTE FTE Detail Report Course Data

This section of the report contains some of the course data that is used to generate the student CTE FTE

SUBJECT CODE	SUBJECT DESCR	LEA IF	LOCAL CLASSRM CODE	COURSE START DATE	COURSE END DATE
252525	Career Based Intervention	000111	813CTA-1	2019-07-31 00:00:00.0	2020-06-22 00:00:00.0
252525	Career Based Intervention	000111	12-CTA110-1	2019-08-28 00:00:00.0	2020-06-01 00:00:00.0
252525	Career Based Intervention	000111	12-CTA112-7	2019-08-28 00:00:00.0	2020-06-01 00:00:00.0
145005	Information Technology	000222	HHSS-7600-02	2019-08-16 00:00:00.0	2020-05-31 00:00:00.0
145005	Information Technology	000222	HHSS-7600-02	2019-08-16 00:00:00.0	2020-05-31 00:00:00.0

The LEA IRN is that of the educating LEA. Your IRN here is your data. Another LEA's IRN here is their data.

The Course Start and End Dates come from the Course Master (CN) Record and do not reflect when the student was enrolled in the course



(CTEA-000) CTE FTE Detail Report Course Data, cont'd

Additional columns containing course data are further to the right side of the report

AC	AD	AE	AF	AG	AH	AI
		CRCULM	DLVR	SCHD	SCHD	
		CODE	METHOD	COI	INSTR	LOC IF
COURSE ENRL START DATE	COURSE ENRL END DATE	CODE	METHOD	COI	INSTR	LOC IF
2019-07-31 00:00:00.0	2019-09-28 00:00:00.0	VN	FF	3	540	000111
2019-08-28 00:00:00.0	2019-12-21 00:00:00.0	OT	OL	3	60	000111
		.0	OT	OL	3	120
		.0	VM	FF	3	60
		.0	VM	FF	3	60
		.0	VM	FF	3	60
		.0	VM	FF	3	60
		.0	VM	FF	3	40
2019-08-14 00:00:00.0	2019-12-22 00:00:00.0	V3	FF	1	164	111111

The Course Enrollment Start and End dates reflect a student's actual enrollment dates in the course and come from the Student Course (GN) Record



(CTEA-000) CTE FTE Detail Report Funding Data

Columns S through AB and AJ contain data used to determine the flow of funding as well as the CTE FTE values

- The next series of slides will review selected columns

S	T	U	V	W	X	Y	Z	AA	AB	AJ
FTE	CTE	LEGAL	STATE						INIT	
FUND	FUND	DIST OF	EQUIV						FUND	
PTTRN	CAT	GRADE					ADJSTD	TRNSFR	IRN	FTE INCL
CODE	NUMBI	RES IF	LEVE	FTE START DATE	FTE END DATE	ORIG FT	FTE	TO IR	IRN	CODE
COMM	3	010101	12	2019-07-31 00:00:00.0	2019-09-28 00:00:00.0	0.114219	0	000111	010101	FULL
COMM	3	010101	11	2019-08-28 00:00:00.0	2019-12-21 00:00:00.0	0.029891	0	000111	010101	FULL
COMM	3	010101	11	2020-01-08 00:00:00.0	2020-06-01 00:00:00.0	0.070652	0	000111	010101	FULL
STEM	1	010101	07	2019-08-16 00:00:00.0	2020-05-31 00:00:00.0	0.055556	0	000222	010101	FULL
STEM	1	010101	07	2019-08-16 00:00:00.0	2020-05-31 00:00:00.0	0.055556	0	000222	010101	FULL
STEM	1	010101	07	2019-08-16 00:00:00.0	2020-05-31 00:00:00.0	0.055556	0	000222	010101	FULL
STEM	1	010101	07	2019-08-16 00:00:00.0	2020-05-31 00:00:00.0	0.055556	0	000222	010101	FULL
STEM	4	010101	08	2019-08-16 00:00:00.0	2020-05-31 00:00:00.0	0.037037	0	000222	010101	FULL
RGJV	0	010101	10	2019-08-14 00:00:00.0	2019-12-06 00:00:00.0	0.130663	0		010101	FULL



CTE FTEs

Career Tech is funded though student CTE FTEs

- Students associated with multiple LEAs can appear on more than one (CTEA-000) CTE FTE Detail Report
 - For example, students who attend community schools will also appear on the resident district's (CTEA-000) CTE FTE Detail Report since the funding passes through the resident district
- CTE FTEs are calculated for each row on the report
 - Students can have multiple CTE FTEs calculated for the same course due to changes to their Student Standing (FS), Student Attribute Effective Date (FD), or Student Course (GN) Records



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FTE Fund Patterns

- FTE Fund Pattern Codes (Column S)
 - Indicate how the funds will flow for that specific CTE FTE row
 - Examples - RGJV, JVNR, OJVR, etc.
- Initially Funded IRN (Column AB)
 - CTE FTE funding initially goes to this IRN
- Transferred to IRN (Column AA)
 - CTE FTE funding will be transferred to this IRN
 - When blank, the funding goes to the Initially Funded IRN



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Inclusion Codes

- Inclusion Codes (Column AJ) indicate where the CTE FTE will be counted
 - FULL – included in the ADM of the LEA receiving the report
 - NONE – not included in the ADM of the LEA receiving the report
- Inclusion codes can be confusing as to where the ADM is actually counting
 - Example - the Inclusion Code is set to FULL for COMM students for both the district of residence and the community school



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CTE Categories, Subject Codes, and Programs

Category 1: WFD in Agriculture and Environmental Systems, Construction Technologies, Engineering and Science Technologies, Finance, Health Science, Information Technology and Manufacturing Technologies

Category 2: WFD in Business Administration, Hospitality and Tourism, Human Services, Law and Public Safety, Transportation Systems and Arts and Communications

Category 3: Career Based Intervention Programs

Category 4: WFD in Education and Training, marketing, WFD in Academics, Public Administration and Career Development

Category 5: Family and Consumer Science Programs



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Remaining Columns

AK	AL	AM	AN	AO
ERR VALUE 1	ERR VALUE 2	ERR VALUE 3	ERR VALUE 4	ERR SEV
TEXT	TEXT	TEXT	TEXT	NUM
				79
				79
				79
				79

The Error Severity Number aligns with the Severity Code, however when working on this report, refer directly to the Severity Code

Error Value Text Columns are populated on the CTE FTE Error Detail reports and not on the (CTEA-000) CTE FTE Detail Report



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Calculating CTE FTEs

- Original FTE
 - Calculated using student, course, and calendar EMIS data
- Adjusted FTE
 - Original FTE minus any adjustments applied from errors

W	X	Y	Z	AA	AB
			ADJSTD	TRNSFR	INIT
FTE START DATE	FTE END DATE	ORIG FT	FTE	TO IR	FUND
2019-07-31 00:00:00.0	2019-09-28 00:00:00.0	0.114219	0	000111	010101
2019-08-28 00:00:00.0	2019-12-21 00:00:00.0	0.029891	0	000111	010101
2020-01-08 00:00:00.0	2020-06-01 00:00:00.0	0.070652	0	000111	010101



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Original CTE FTE Calculation

Calculating the Original CTE FTE (aka Base or Potential CTE FTE)

- Numerator
 - (Student Course Days/Course Days) x Length of Scheduled Instruction
 - Student Course Days – days enrolled in course using the student’s assigned calendar
 - Course Days – calendar days between course start and end from the Course Master (CN) Record
 - Length of Scheduled Instruction
- Denominator
 - Community Schools 920 hours
 - Other LEAs (including STEM districts) 1080 hours



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Course Days

- Use the Calendar Display Report to calculate
 - Course Days
 - Student Course Days
- Access the Calendar_Display.csv file from the submission files (aka preview or review files) in the Calendar Collection

Student Session Days	Student Session Hours	Student YTD Days	Student YTD Hours
1	6.17	4	24.68
5	30.85	9	55.53
5	30.85	14	86.38
5	28.68	19	115.06

Sum the Student Session Days for the length of the course and for time the student was enrolled in the course



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Non-Community School CTE Student Example

- Student enrolled in course for 180 days
- Course days equal 180
- Length of Scheduled Instruction is 360 hours

(Student Course Days/Course Days) x Length of Scheduled Instruction
1080 hours

$$\frac{(180/180) \times 360}{1080} = \mathbf{0.333333}$$



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Community School CTE Student Example

- Student enrolled in course for 172 days
- Course days equal 172
- Length of Scheduled Instruction is 360 hours

(Student Course Days/Course Days) x Length of Scheduled Instruction
920 hours

$$\frac{(172/172) \times 360}{920} = \mathbf{0.391304}$$



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Quick Check

The (CTEA-000) CTE FTE Detail Report contains data that should be verified. Errors should be corrected when possible. Review all of the data for accuracy and completeness.

- Are all of your approved CTE program students appearing on the report?
- Are the CTE FTEs being calculated correctly?
- Can you confirm that the CTE FTE funding IRNs and FTE Fund Source codes are correct?



Connecting the CTE FTE Detail Report and the CTE Error Detail Reports



Open and Prepare the Error Reports

File Name	Format	Size	Flags	Progress
(CTEA-000) CTE FTE Detail0...	Microsoft Excel ...	1 KB	No	93%
(CTEA-001) CTE Student Er0...	Microsoft Excel ...	1 KB	No	60%
(CTEA-002) CTE Course Err0...	Microsoft Excel ...	1 KB	No	80%
(CTEA-003) CTE Staff Err04...	Microsoft Excel ...	1 KB	No	84%
(CTEA-004) CTE FTE Summ...	Microsoft Excel ...	4 KB	No	88%
(CTEA-005) CTE FTE Summ...	Microsoft Excel ...			
(CTEA-006) CTE Approved ...	Microsoft Excel ...			
(CTEA-007) CTE FTE Daily 0...	Microsoft Excel ...			
(CTEA-008) CTE FTE Daily 0...	Microsoft Excel ...	1 KB	No	84%
(CTEA-009) CTE FTE Daily 0...	Microsoft Excel ...	1 KB	No	87%

From the Staff and Course Collection Level 2 Reports, open the error reports

Remember that error reports will appear as applicable to each LEA. LEAs could receive any number of the three error reports or none at all



Tying the CTE Reports Together

- This example is a segment of a CTE FTE Detail Report
- Student, Course, and Staff Level Error Flags indicate on which error report to find the error

SEVERITY CODE	STDNT LEVEL ERR FLAG	COURSE LEVEL ERR FLAG	STAFF LEVEL ERR FLAG	SUBJECT CODE
F	N	Y	Y	252525
F	Y	Y	N	252525
F	Y	Y	N	252525
F	N	N	Y	145005
F	N	N	Y	145005
F	N	N	Y	145005
F	N	N	Y	145005
F	N	N	Y	990364
F	N	N	Y	990364
F	N	N	Y	990364

- **Student Level Error Flag "Y"**
(CTEA-001) CTE Student Error Detail
- **Course Level Error Flag "Y"**
(CTEA-002) CTE Course Error Detail
- **Staff Level Error Flag "Y"**
(CTEA-000) CTE Staff Error Detail



CTE Errors

- A staff level error can reduce the CTE FTE for all students in courses that are affected by the staff error
- A course level error can reduce the CTE FTE for all of the students in the course
- A student level error can reduce a single student's CTE FTE
- Currently all severity codes on the Error Detail Reports appear as fatal



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(CTEA-003) CTE Staff Error Detail Report

RPT DEST IRN	RESULT CODE	RESULT CODE DESCR
010101	SF0002	Teacher does not have appropriate certificate/license to teach course
010101	SF0002	Teacher does not have appropriate certificate/license to teach course
010101	SF0004	Length of teacher scheduled instruction over 1080 hours
010101	SF0004	Length of teacher scheduled instruction over 1080 hours
010101	SF0002	Teacher does not have appropriate certificate/license to teach course
010101	SF0002	Teacher does not have appropriate certificate/license to teach course

Staff Level Error Flags of "Y" from the (CTEA-000) CTE FTE Detail Report will be listed on the (CTEA-003) CTE Staff Error Detail Report with a Result Code that begins with "SF"



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(CTEA-002) CTE Course Error Detail Report

RPT DEST IRN	RESULT CODE	RESULT CODE DESCR	SEVERITY CODE
010101	CS0001	Curriculum code reported is not valid for the reported subject code	101300
010101	CS0001	Curriculum code reported is not valid for the reported subject code	101300
010101	CS0003	Course with curriculum code V3 not correlated to anchor course	101300
010101	CS0003	Course with curriculum code V3 not correlated to anchor course	101300
010101	CS0018	Correlated class missing for CBI course	252525
010101	CS0018	Correlated class missing for CBI course	252525

Course Level Error Flags of "Y" from the (CTEA-000) CTE FTE Detail Report will be listed on the (CTEA-002) CTE Course Error Detail Report with a Result Code that begins with "CS"



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(CTEA-001) CTE Student Error Detail Report

Student Level Error Flags of "Y" from the (CTEA-000) CTE FTE Detail Report will be listed on the CTE (CTEA-001) Student Error Detail Report with a Result Code that begins with "SC"

RPT DEST IRN	RESULT CODE	RESULT CODE DESCR	SEVERITY CODE
010101	SC0001	CBI student not coded as disadvantaged	F
010101	SC0001	CBI student not coded as disadvantaged	F
010101	SC0001	CBI student not coded as disadvantaged	F
010101	SC0001	CBI student not coded as disadvantaged	F
010101	SC0014	Course CTE FTE is higher than student regular FTE	F
010101	SC0014	Course CTE FTE is higher than student regular FTE	F



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Quick Check

The (CTEA-000) CTE FTE Detail Report uses Error Flags to indicate which Error Detail Report contains an error for that row of data. Sometimes an error is for a single student and sometimes an error relates to a classroom or classrooms of students.

- Can you find the Error Flag columns on the (CTEA-000) CTE FTE Detail Report and find the error on the associated student, course, or staff error report?
- Do your errors apply to single students or to groups of students?
- Have you applied filters to your error reports so that we can review each error in the next set of slides?



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Troubleshooting the CTE Error Detail Reports



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Staff Errors

(CTEA-003) CTE Staff Error Detail

- Report of staff with Error Result Codes

RPT DEST	RESULT		SUBJECT
IRN	CODE	RESULT CODE DESCR	CODE
010101	SF0002	Teacher does not have appropriate certificate/license to teach course	
010101	SF0002	Teacher does not have appropriate certificate/license to teach course	
010101	SF0002	Teacher does not have appropriate certificate/license to teach course	
010101	SF0002	Teacher does not have appropriate certificate/license to teach course	
010101	SF0002	Teacher does not have appropriate certificate/license to teach course	
010101	SF0004	Length of teacher scheduled instruction over 1080 hours	10115
010101	SF0004	Length of teacher scheduled instruction over 1080 hours	10115
010101	SF0004	Length of teacher scheduled instruction over 1080 hours	10115
010101	SF0004	Length of teacher scheduled instruction over 1080 hours	10115

In the next series of slides we will filter on a Result Code and discuss troubleshooting



Staff Errors, cont'd

- When multiple teachers are associated with a course, the teacher who appeared on the Teacher Licensure Course Status Report (TLC) will be listed on this report
- Errors on the (CTEA-003) CTE Staff Error Detail Report can affect an entire classroom of students, so a single line on this report could cause multiple students to be affected on the (CTEA-000) CTE FTE Detail Report



Staff Error Result Code SF0002

Teacher does not have appropriate certificate/license to teach course

- CTE FTE is reduced to zero (Fatal)
- Verify the teacher's licensure using the Educator Search Tool
 - <https://coreprodint.ode.state.oh.us/CORE2.3/ODE.CORE.EducatorProfile.UI/EducatorSearch.aspx>
- Initial Staff and Course (L) data is used for this check
- If the teacher is certified to teach the course, and the course is coded correctly, contact the Office of CTE to request an override



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Staff Error Result Code SF0003

Teacher does not meet appointment or status requirements

- CTE FTE is reduced to zero (Fatal)
- If the Curriculum Code begins with a "V" at least one teacher must be reported with
 - Type of Appointment Element
 - 1-Certificated/licensed, or
 - 2-Classified, or
 - 3-Internship
 - Position Type R-Regular
- If incorrectly reported, correct the data in the Final L Collection and contact the Office of Career Tech for guidance



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Staff Error Result Code SF0004

The total CTE length of scheduled instruction for this teacher is greater than 1080 hours

- CTE FTE is reduced (Critical)
- Do Mapped Local Classroom Code (CM) Records need to be reported?
 - Refer to EMIS Manual Section 4.6 Mapped Local Classroom Code (CM) Record for guidance
- Is this teacher teaching at multiple LEAs?
 - When a teacher teaches at multiple LEAs all hours are used in this check
- When there are multiple teachers associated with the course who are all over 1080 hours, the one with the lowest hours is used. In the case of a tie, the lowest Staff ID is used



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Staff Error Result Code SF0005

Teacher of Teaching Profession course does not meet degree level requirement

- CTE FTE is reduced to zero (Fatal)
- If subject code is reported as Teaching Profession course
 - 350011 - Teaching Professions or
 - 350020 - Curriculum and Instruction for Teaching Professions
- Staff must have Master's Degree or higher
- Staff Demographic (CI) Record Education Level Element must be
 - 3-Masters or
 - 5-Doctorate



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Staff Error Result Code SF0006

Course does not have a teacher assigned

- CTE FTE is reduced to zero (Fatal)
- Adjustment generated when course does not have a teacher assigned
- Check that a valid staff member is assigned to this course during Initial Staff and Course (L)
 - If staff member was not reported, then no CTE FTE funding is generated
 - Look for a fatal error or an excluded staff issue in the Staff and Course (L) Collection



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Staff Error Result Code SF0007

The total length of scheduled CCP CTE instruction for this teacher is greater than 1080 hours

- CTE FTE for students taught by this teacher is reduced by a factor equal to $1080 / \text{Total Length of Scheduled Instruction}$
- Only applicable to CCP CTE courses
- Check teacher's courses and if under 1080 hours, ask your ITC to put a helpdesk ticket to ODE EMIS to see if this teacher is being reported by another LEA



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Course Errors

(CTEA-002) CTE Course Error Detail

- Report of courses with Error Result Codes

In the next series of slides we will filter on the Result Code and discuss troubleshooting

RPT DEST	RESULT	RESULT CODE DESCR	CODE	SUBJECT DESCR
IRN	CODE			
010101	CS0001	Curriculum code reported is not valid for the reported subject code	101300	Manufacturing
010101	CS0001	Curriculum code reported is not valid for the reported subject code	101300	Manufacturing
010101	CS0003	Course with curriculum code V3 not correlated to anchor course	101300	Manufacturing
010101	CS0003	Course with curriculum code V3 not correlated to anchor course	101300	Manufacturing
010101	CS0018	Correlated class missing for CBI course	252525	Career Based Intervention
010101	CS0018	Correlated class missing for CBI course	252525	Career Based Intervention
010101	CS0018	Correlated class missing for CBI course	252525	Career Based Intervention



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Course Error Result Code CS0001

Curriculum code reported is not valid for the reported subject code

- CTE FTE is reduced to zero (Fatal)
- Curriculum code and subject code combination reported for the course does not exist in the FY20 CTE Matrix
- Curriculum code 'PS' College Credit Plus (CCP) reported with a delivery method code other than 'CP' Career Tech College Credit Plus Course
- Valid curriculum codes for each subject code can be found in the FY20 CTE Program and Assessment Matrix



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Course Error Result Code CS0003

V3 course not correlated to an anchor course

- CTE FTE is reduced to zero (Fatal)
- Course is reported as V3 CTE Related/Correlated and not correlated to
 - VN CTE Non-Cooperative Based Anchor or
 - VT CTE Tech Prep Non-Cooperative Based Anchor or
 - VP CTE Tech Prep Cooperative Program Anchor
- Check the CTE-26 and add the appropriate CTE Correlated Class (CV) Record



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Course Error Result Code CS0004

Instructional hours reported are less than the minimum hours required

- CTE FTE is reduced to zero (Fatal)
- FTE will be reduced if the hours reported are less than the minimum hours allowed per the CTE Program and Assessment Matrix
- Verify CTE Hours of Scheduled Instruction on the CTE-26
- Check the 2020 CTE Program and Assessment Matrix



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Course Error Result Code CS0007

Instructional hours reported are greater than the maximum hours allowed

- CTE FTE is reduced (Critical)
- FTE will be reduced to the max hours allowed per the CTE Matrix
- Verify CTE Hours of Scheduled Instruction on the CTE-26
- Check the 2020 CTE Program Matrix for maximum hour values
- Do Mapped Local Classroom Code (CM) Records need to be reported?
 - Refer to EMIS Manual Section 4.6 Mapped Local Classroom Code (CM) Record for guidance



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Course Error Result Code CS0008

Course reported with non-academic subject code and curriculum code VA or VB, not valid for funding

- CTE FTE is reduced to zero (Fatal)
- VA-CTE Applied Academic or VB-CTE Applied Academic Advanced Placement
- Subject code must begin with
 - 05 – English Language Arts
 - 11 - Mathematics
 - 13 - Science
 - 15 – Social Studies
- Check the subject code being reported against what appears on the CTE-26



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Course Error Result Code CS0020

Workforce Development Course not approved by the Office of CTE

- CTE FTE is reduced to zero (Fatal)
- Program of Concentration of a Workforce Development course not approved by the Office of CTE – No approved CTE-26
 - Verify the location IRN matches the CTE-26
 - Verify the district IRN matches the CTE-26
 - Verify the subject code is aligned with the Program of Concentration
- If all reported data is correct, Contact the Office of Career Tech to verify that this is an approved program



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Course Error Result Code CS0021

Anchor course VP and course V3 are not correlated

- CTE FTE is reduced to zero (Fatal)
- Report a CTE Correlated Class (CV) Record for
 - VP CTE Tech Prep Cooperative Program Anchor
 - V3 CTE Related/Correlated
- Check the CTE-26
- Report a CTE Correlated Class (CV) Record



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Course Error Result Code CS0023

CBI or FCS/GRADS programs not approved by the Office of CTE

- CTE FTE is reduced to zero (Fatal)
- CBI - Career Based Intervention
- FCS/GRADS - Family and Consumer Sciences/Graduation, Reality and Dual Role Skills
- Program reported with a location IRN and district IRN that is not approved by the Office of CTE
- Verify the accuracy of the location IRN being reported for this course



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Course Error Result Code CS0024

Senior Only Credential not approved by the Office of CTE

- CTE FTE is reduced to zero (Fatal)
- Senior Only Credentialed course (38XXXX)
 - These subject codes start with "38" and end with the four character Assessment Area Code of the Industry Credential Code that is associated with the course
- Subject code, location IRN, and district IRN combination is not approved by Office of CTE
- Check the CTE-26 for the correct subject code and location IRN



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Course Error Result Code CS0025

CTE academic course not approved by the Office of CTE

- CTE FTE is reduced to zero (Fatal)
- Program is Workforce Development, or CBI, or FCS/GRADS
- CTE Academic course in this program is reported with a location IRN and district IRN that is not approved
- Check the CTE-26 for the correct location IRN
- Make correction to the location IRN as appropriate



Student Errors

(CTEA-001) CTE Student Error Detail

- Report of students with Error Result Codes

RPT DEST IRN	RESULT CODE	RESULT CODE DESCR	SEVERITY CODE	SSJD
010101	SC0001	CBI student not coded as disadvantaged	F	JB8220022
010101	SC0001	CBI student not coded as disadvantaged	F	JB8220022
010101	SC0001	CBI student not coded as disadvantaged	F	JB8220022
010101	SC0001	CBI student not coded as disadvantaged	F	JB8220022
010101	SC0001	CBI student not coded as disadvantaged	F	JB8220022
010101	SC0001	CBI student not coded as disadvantaged	F	JB8220022
010101	SC0001	CBI student not coded as disadvantaged	F	JB8220022
010101	SC0001	CBI student not coded as disadvantaged	F	JB8220022
010101	SC0014	Course CTE FTE is higher than student regular FTE	F	PN6622862
010101	SC0014	Course CTE FTE is higher than student regular FTE	F	VV6604600

In the next series of slides we will filter on each Result Code and discuss troubleshooting



Student Error Result Code SC0001

CBI student not coded as disadvantaged or having a disability

- CTE FTE is reduced to zero (Fatal)
- For the duration of the student's enrollment in a Career Based Intervention Program (subject code 252525), disadvantage must be reported as
 - academically disadvantaged, or
 - both academically disadvantaged and economically disadvantaged, or
 - both economically disadvantaged and with a disability condition
 - note that students with a disability should not be reported as academically disadvantaged
- Refer to the FD section of the EMIS Manual for detailed reporting instructions for the disadvantaged and disability elements



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Student Error Result Code SC0003

Grade level not valid for curriculum code

- CTE FTE is reduced to zero (Fatal)
- If Curriculum Code is **NOT** VM - CTE Middle Grade Course, students must be in grade levels 7 and higher
- Verify student state equivalent grade level reported on the Student Attributes Effective Date (FD) Record
- Grade level appears on the Student Error Detail report for quick reference
- If the data is correct, the error remains



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Student Error Result Code SC0006

VP course does not have a valid subject code

- CTE FTE is reduced to zero (Fatal)
- Curriculum Code VP – CTE Tech Prep Cooperative Program Anchor, reported for cooperative tech prep programs only where all students are required to be involved in paid work-site based instruction
- Verify that the subject code is valid for this VP course
- Refer to the CTE-26 for this program and to the FY20 CTE Program and Assessment Matrix FY20 CT Program Matrix tab



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Student Error Result Code SC0009

V3 pre-apprenticeship or entrepreneurship course not correlated

- CTE FTE is reduced to zero (Fatal)
- Course with curriculum code V3-CTE Related/Correlated and subject code of
 - 990361 Entrepreneurship Skills or
 - 990363 Essential Skills for Business or
 - 990365 Pre-Apprenticeship
- Must be correlated to an anchor course with a curriculum code of
 - VT-CTE Tech Prep Non-Cooperative Based Anchor or
 - VP-CTE Tech Prep Cooperative Program Anchor
 - see list of subject code options in the CTE FTE Report Explanation



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Student Error Result Code SC0013

Grade level not valid for curriculum code VM

- CTE FTE is reduced to zero (Fatal)
- Verify that the students in this VM - CTE Middle Grade Course are in grades 07, 08 or 09
 - Verify student state equivalent grade level reported on the Student Attributes Effective Date (FD) Record
 - Grade level appears on the Student Error Detail report for quick reference
 - Verify that the curriculum code of VM is correct, see the CTE-26



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Student Error Result Code SC0014

Student's single course level CTE FTE is greater than student's regular FTE

- CTE FTE is reduced (Critical)
- Occurs when the CTE FTE is greater than the regular base FTE
- CTE FTE is reduced to be no more than the base FTE
- Course-level FTE greater than student regular FTE due to
 - Incorrect student enrollment
 - Duplicate course reporting
 - Incorrect Length of Scheduled Instruction (CN100) for career tech course
 - Student enrolled in a CTE Course that generates a CTE FTE that is greater than the student's base FTE and if correctly reported, should be ignored



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Student Error Result Code SC0015

Student's total CTE FTE is greater than student's regular FTE

- CTE FTE is reduced (Critical)
- If student's total adjusted CTE FTE is greater than their total regular base FTE multiplied by 1.1 then the student's total CTE FTE is reduced to be no more than the total regular base FTE multiplied by 1.1
- This occurs when the total length of instruction for the CTE courses taken by a student exceeds 1080 for traditional districts and JVSDs or 920 hours for community schools
- Can occur when courses are split (duplicated) due to changes on Student Standing (FS) or Student Attributes (FD)



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Student Error Result Code SC0016

Subject code not valid for curriculum code VA or VB

- CTE FTE is reduced to zero (Fatal)
- VA CTE Applied Academic and VB CTE Applied Academic Advanced Placement
 - Cannot be reported with subject codes
 - 050014 Intervention English
 - 050119 Intervention Reading
 - 111950 Intervention Mathematics
 - 110190 Transition to High School Mathematics
 - 150400 Intervention Social Studies
 - 132900 Intervention Science
- Verify the curriculum code and subject codes are reported correctly for this course as they appear on the CTE-26



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Student Error Result Code SC0017

Student has a non-fundable fund pattern code

- CTE FTE is reduced to zero (Fatal)
- **NFRG** Non-fundable situation
- **NFER** Not fundable, based on errors in coding
- The student will appear with a non-fundable FTE Fund Pattern Code on the current Student Collection, Level 2 Reports, (FTED-001) FTE Detail Report
- Verify this student's EMIS coding on the Student Standing (FS) and Student Attributes Effective Date (FD) Records
- Verify EMIS student data in ODDEX History for shared students



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Quick Check

Resolving CTE FTE errors can require data correction and can sometimes require contacting the Office of Career Tech or the ODE EMIS Office

- Are you using the CTE FTE Report Explanation to understand the errors?
- Does the EMIS data align with the CTE-26 and the CTE Program and Assessment Matrix?
- Are you submitting updated EMIS data as changes are made?



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Understanding CTE Summary Reports



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CTE Summary Reports

- (CTEA-004) CTE FTE Summary by Course
 - Summary report by course with Course Potential FTE and Course Actual FTE
- (CTEA-005) CTE FTE Summary by Category
 - Summary report by FTE Fund Pattern Code and CTE Fund Category with Course Potential FTE and Course Actual FTE



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Open CTE Summary Reports

(CTEA-000) CTE FTE Detail0...	Microsoft Excel ...	100 KB	No	1,269 KB	93%
(CTEA-001) CTE Student Er0...	Microsoft Excel ...				
(CTEA-002) CTE Course Err0...	Microsoft Excel ...				
(CTEA-003) CTE Staff Err04...	Microsoft Excel ...				
(CTEA-004) CTE FTE Summ...	Microsoft Excel ...	4 KB	No	27 KB	86%
(CTEA-005) CTE FTE Summ...	Microsoft Excel ...	1 KB	No	1 KB	61%
(CTEA-006) CTE Approved ...	Microsoft Excel ...	8 KB	No	107 KB	94%
(CTEA-007) CTE FTE Daily 0...	Microsoft Excel ...	1 KB	No	2 KB	72%
(CTEA-008) CTE FTE Daily 0...	Microsoft Excel ...	1 KB	No	4 KB	84%
(CTEA-009) CTE FTE Daily 0...	Microsoft Excel ...	1 KB	No	5 KB	87%

From the Staff and Course Collection Level 2 Reports, open the CTE FTE Summary reports



(CTEA-004) CTE FTE Summary by Course

Summary report by course with Course Potential FTE and Course Actual FTE

- Verify that all courses are listed and that all data is correct
- If actual and potential FTEs are different, refer to the error reports

A	B	C	D	E	F	G	H	I	J	K	L	
RPT DEST	SUBJECT	SUBJECT DESCR	LOCAL CLASSRM	COURSE START DATE	COURSE END DATE	M COE	D COE	R	CTE FUND CAT	Total Course Potential	Total Course Actual	ERR SEV
IRN	CODE		CODE							FTE	FTE	NUM
6	010101	010101	Principles of Food	10-1751-13	2020-01-08 00:00:00.0	2020-05-31 00:00:00.0	VN	FF		1.207743	1.207743	15
7	010101	010101	Principles of Food	10-1751-4	2020-01-08 00:00:00.0	2020-05-31 00:00:00.0	VN	FF		1.819512	1.819512	15
8	010101	010101	Transitions	10-1742-1	2019-08-14 00:00:00.0	2019-12-22 00:00:00.0	VN	FF		1.822224	1.822224	15
9	010101	010101	Transitions	10-1742-3	2019-08-14 00:00:00.0	2019-12-22 00:00:00.0	VN	FF		1.82134	1.82134	15
10	010101	010101	Transitions	10-1742-2	2020-01-08 00:00:00.0	2020-05-31 00:00:00.0	VN	FF		1.820573	1.820573	15
11	010101	010101	Textile Design, Construction and Maint	10-1746-2	2020-01-08 00:00:00.0	2020-05-31 00:00:00.0	VN	FF		1.819906	1.819906	15
12	010101	010101	Personal Wellness and Development	10-1754-1	2020-01-08 00:00:00.0	2020-05-31 00:00:00.0	VN	FF		1.81739	1.81739	15
13	010101	010101	Personal Wellness and Development	10-1754-2	2020-01-08 00:00:00.0	2020-05-31 00:00:00.0	VN	FF		1.752784	1.752784	15
14	010101	010101	Manufacturing	10-1727-1	2019-08-14 00:00:00.0	2019-12-22 00:00:00.0	V3	FF		1.529114	0	15



(CTEA-005) CTE FTE Summary by Category

Summary report by FTE Fund Pattern Code and CTE Fund Category with Course Potential and Actual FTEs

- Overview of CTE data that could be useful when comparing data from week to week
- Not a funding flow report as does not contain FTE Inclusion Codes or Funding IRNs

	A	B	C	D	E	F
	RPT DEST IRN	FTE FUND PTRRN CODE	CTE FUND CAT NUMBER	Total Course Potential FTE	Total Course Actual FTE	ERR SEV NUM
2	010101	COMM	1	0.81087	0.81087	15
3	010101	COMM	3	2.96831	1.979649	15
4	010101	COMM	5	0.650152	0.650152	15
5	010101	CTID	1	0.303704	0.205334	15
6	010101	CTID	4	0.151852	0.102667	15
7	010101	CTVC	0	0.048216	0.040382	15
8	010101	CTVC	1	12.312847	7.459073	15
9	010101	CTVC	2	6.579885	5.61211	15
10	010101	CTVC	4	1.46759	1.050776	15
11	010101	OVVD	0	0.251852	0.251852	15



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Requesting CTE Overrides



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CTE Overrides

- When CTE EMIS data is correct and CTE errors are generated, sometimes it is appropriate to request an override
- Once an override is approved, a CTE Approved Override Report will be generated in the Staff and Course (L) Collection Level 2 Reports
- The approved override will restore the CTE FTE for students affected by the error and the error will no longer appear in a CTE error report



CTE Approved Overrides

(CTEA-006) CTE Approved Overrides Report

- contains students who had adjusted CTE FTEs due to any type of error (student, course, or staff errors) for which an override was approved

S	T	U	V	W	X	Y	Z
LEGAL DIST OF RES IF	STATE EQUIV GRADE LEVEL COD	FTE START DATE	FTE END DATE	ADJSTD FTE	TRNSFR TO IR	INIT FUN IRN	
010101	08	2020-03-25 00:00:00.0	2020-05-23 00:00:00.0	-0.034259		0101	
010101	08	2020-01-08 00:00:00.0	2020-03-24 00:00:00.0	-0.034259		0101	
010101	08	2020-03-25 00:00:00.0	2020-05-23 00:00:00.0	-0.034259		0101	
010101	08	2020-01-08 00:00:00.0	2020-03-24 00:00:00.0	-0.034259		0101	
010101	08	2020-01-08 00:00:00.0	2020-03-24 00:00:00.0	-0.034259		010101	2020-01-08 00:00:00.0
010101	08	2020-01-08 00:00:00.0	2020-03-24 00:00:00.0	-0.034259		010101	2020-01-08 00:00:00.0
010101	08	2020-01-08 00:00:00.0	2020-03-24 00:00:00.0	-0.034259		010101	2020-01-08 00:00:00.0

The Adjusted FTE column will contain the CTE FTE amount that is being restored due to the approved override



Office of Career Tech

- To contact the Office of Career Tech, districts should call the main number (877-644-6338) and ask for a Career Technical Education Data Manager
- Some instances where districts should contact the Office of Career Tech
 - Career Technical Overrides
 - CTE-26 approval process
- Questions pertaining to CTE Accountability/CTE Report Card should be sent to accountability@education.ohio.gov



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Quick Check

CTE overrides are sometimes necessary to allow CTE programs to be funded correctly. An override request can sometimes take a considerable amount of time to process. Submitting override requests as early as possible is recommended.

- Have you identified an issue that may require a CTE override?
- Have you contacted the Office of Career Tech to request an override?
- Did you check to see that an (CTEA-006) CTE Approved Overrides Report was received?



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CTE FTE Daily Summary Reports



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CTE FTE Daily Summary Reports

- Contain student CTE FTEs calculated from EMIS data that was processed on ten specific dates
- Should be reviewed often to identify fluctuations in the amount of CTE FTEs being generated from specific submissions
- Are separated by educating/funding situations which can be tied back to the CTE FTE Detail Report
- Contain result codes that are not an indication of an error but rather identify student education/funding situations



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CTE FTE Daily Summary Reports, cont'd

- (CTEA-007) CTE FTE Daily Summary Report – Students District is Educating
 - Contains CTE FTEs summed by CTE Fund Category Number
- (CTEA-008) CTE FTE Daily Summary Report – Students Initially Funded at District
 - Contains CTE FTEs summed by Result Code and CTE Fund Category Number
- (CTEA-009) CTE FTE Daily Summary Report – Transfers
 - Contains CTE FTEs summed by Result Code and CTE Fund Category Number



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CTE FTE Run Dates

- All three daily summary reports contain the same 10 Run Date Columns
- Most recent CTE FTEs are to the left and prior CTE FTEs are to the right

H	I	J	K	L	M	N	O	P	Q
LATEST RUN DATE-	PRIOR RUN DATE-	SEC PRIOR RUN DATE-	THIRD PRIOR RUN DATE-	FOURTH PRIOR RUN DATE-	WEEK PRIOR RUN DATE-	TWO WEEK PRIOR RUN DATE-	MONTH PRIOR RUN DATE-	TWO MONTH PRIOR RUN DATE-	THIRTY DAY AVG
02/12/2020	02/11/2020	02/09/2020	02/07/2020	02/06/2020	02/04/2020	01/29/2020	01/13/2020	12/13/2019	
86.791793	86.791793	43.808156	86.658135	86.658135	86.658135	86.658135	86.658135	87.398331	86.679549
18.808156	18.808156	19.808156	18.808156	18.808156	18.808156	18.808156	18.808156	19.133916	18.808156
0	0	0	0	0	0	0	0	0	0
5.793675	5.793675	5.793675	5.793675	5.793675	5.793675	5.695526	5.36219	5.535159	5.669832
0.618055	0.618055	0.618055	0.618055	0.618055	0.618055	0.618055	0.618055	0.467392	0.618055
2.642087	2.642087	2.642087	2.642087	2.642087	2.642087	2.674336	2.630984	2.437914	2.660508
0.483501	0.43587	0.43587	0.43587	0.43587	0.43587	0.43587	0	0	0.4402
0.097248	0.097248	0.097248	0.097248	0.097248	0.097248	0.097248	0.097248	0.097248	0.097248
0.057806	0.057806	0.057806	0.057806	0.057806	0.057806	0.057806	0.057806	0	0.057806



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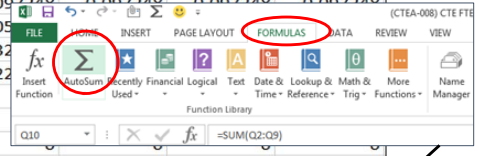
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CTE FTE Fluctuations

H	I	J	K	L	M	N	O	P	Q
LATEST RUN DATE-	PRIOR RUN DATE-	SEC PRIOR RUN DATE-	THIRD PRIOR RUN DATE-	FOURTH PRIOR RUN DATE-	WEEK PRIOR RUN DATE-	TWO WEEK PRIOR RUN DATE-	MONTH PRIOR RUN DATE-	TWO MONTH PRIOR RUN DATE-	THIRTY DAY AVG
02/12/2020	02/11/2020	02/09/2020	02/07/2020	02/06/2020	02/04/2020	01/29/2020	01/13/2020	12/13/2019	
86.791793	86.791793	43.808156	86.658135	86.658135	86.658135				
18.808156	18.808156	19.808156	18.808156	18.808156	18.808156				
0	0	0	0	0	0				
5.793675	5.793675	5.793675	5.793675	5.793675	5.793675				
0.618055	0.618055	0.618055	0.618055	0.618055	0.618055				
2.642087	2.642087	2.642087	2.642087	2.642087	2.642087				
0.483587	0.43587	0.43587	0.43587	0.43587	0.43587				
0.097248	0.097248	0.097248	0.097248	0.097248	0.097248				

1. Select the blank cells below the CTE FTE values and select AutoSum from the Formulas tab to more easily find fluctuations

2. Notice the dip in CTE FTEs after this run. Issue was resolved and subsequent run is higher



0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.116666	0.116666	0.116666	0.116666	0.116666	0.116666	0.116666	0.116666	0.116666	0.116666
118.95402	118.90639	76.92275	118.77273	118.77273	118.77273	118.70683	117.60518	118.41333	118.68539



Error Severity Codes

Error Severity looks at the Thirty Day Average value and compares it to the value from the Latest Run to draw attention to differences that may be of concern. You can miss this if you don't look often.

RPT DEST IRN	ERR SEV CODE	RESULT CODE	RESULT CODE DESCR	LEVEL 2 REC TYPE CODE	CTE FUND CAT NUMBER	ITC SHORT NAME	ACTIVE FLAG	LATEST RUN	THIRTY DAY AVG
010101	F	SC0110	District is initially funded - no transfer	CTEA-008	1		Y	0	214.443993
010101	C	SC0110	District is initially funded - no transfer	CTEA-008	2		Y	100.061703	123.684276
010101	W	SC0110	District is initially funded - no transfer	CTEA-008	3		Y	112.475788	119.655085
010101	W	SC0110	District is initially funded - no transfer	CTEA-008	4		Y	502.269293	386.382531
010101	I	SC0110	District is initially funded - no transfer	CTEA-008	5		Y	386.382531	386.382531

The Fatal (F) in the first line indicates a drop from the Thirty Day Average value to zero

Critical (C) indicates a decrease of 10% or more (but not to zero) in the Latest Run

Warning (W) indicates a decrease of 5% to 10% but not to zero or an increase of 20% or more



CTEA-007 Students District is Educating

- Includes CTE FTEs for students the LEA is educating regardless if the district is initially funded or if the funding will transfer to another LEA
- Result Code is SC0100 – Students LEA is educating
 - This is the only result code on the CTEA-007 report
 - This result code could appear for any entity that receives CTE reports
- Match the data to the CTEA-000 CTE FTE Detail report to identify the students as part of a troubleshooting process
 - Filter on LEA IRN (educating) = IRN of entity receiving the report
 - Filter on CTE Fund Category Number



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Filter the CTEA-000 CTE FTE Detail Report

The screenshot shows two overlapping Excel-style filter windows. The left window is for filtering by LEA IRN, and the right window is for filtering by CTE Fund CAT Number. Arrows point from text boxes to the corresponding filter options in the windows.

LEA IRN column, select educating IRN. For this demonstration 060606 is the educating IRN

CTE Fund CAT Number column, select a category number. In this demonstration, we will select 1

LEA IRN	LOCAL CLASSRM CODE	COURSE START DATE	COURSE END DATE	FTE FUND	PTRRN CODE	CTE FUND CAT NUMBER	LEGAL DIST OF RES IRN
060606	WUHS-0796-04	2020-03-21 00:00:00.0	2020-05-31 00:00:00.0			060606	060606
060606	WUHS-0796-02	2019-10-26 00:00:00.0	2020-01-31 00:00:00.0			060606	060606
060606	PBHS-0896-53	2020-01-15 00:00:00.0	2020-03-31 00:00:00.0			060606	060606
060606	PBHS-1108-51	2019-08-22 00:00:00.0	2020-01-31 00:00:00.0			060606	060606
060606	WUHS-0796-02	2019-10-26 00:00:00.0	2020-01-31 00:00:00.0			060606	060606
060606	WUHS-1076-01	2019-08-22 00:00:00.0	2020-05-31 00:00:00.0			060606	060606
060606	PBHS-1297-51	2019-08-22 00:00:00.0	2020-01-31 00:00:00.0			060606	060606
060606	PBHS-1297-51	2019-08-22 00:00:00.0	2020-01-31 00:00:00.0			060606	060606
060606	WUHS-0896-51	2019-08-22 00:00:00.0	2020-01-31 00:00:00.0			060606	060606
060606	PBHS-0896-51	2019-08-22 00:00:00.0	2020-01-31 00:00:00.0			060606	060606
060606	PBHS-0896-51	2019-08-22 00:00:00.0	2020-01-31 00:00:00.0			060606	060606
060606	WUHS-0896-51	2019-08-22 00:00:00.0	2020-01-31 00:00:00.0			060606	060606



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Match Filtered Report Data

W		X		Y		Z		AA	AB	AC	AD	AE	AF
FTE START DATE	FTE END DATE	ORIG FTE	ADJSTD FTE	TRNSFR TO IRN	INIT FUND	COURSE EN DATE	CTEA-000 CTE FTE Detail Report						
2019-08-22 00:00:00.0	2020-01-14 00:00:00.0	0.227778	0.227778	060606	060606	2019-08-22 00:00:00.0	2020-01-14 00:00:00.0	VT	FF				
2020-01-15 00:00:00.0	2020-05-23 00:00:00.0	0.227778	0.227778	060606	060606	2020-01-15 00:00:00.0	2020-05-23 00:00:00.0	VT	FF				
2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	0.227778	0.227778	060606	060606	2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	VT	FF				
2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	0.227778	0.227778	060606	060606	2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	VT	FF				
2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	0.227778	0.227778	060606	060606	2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	VT	FF				
2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	0.227778	0.227778	060606	060606	2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	VT	FF				
2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	0.227778	0.227778	060606	060606	2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	VT	FF				
2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	0.227778	0.227778	060606	060606	2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	VT	FF				
2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	0.227778	0.227778	060606	060606	2019-08-22 00:00:00.0	2020-05-23 00:00:00.0	VT	FF				

A		B		C		D		E		F		G		H		I		J	
MNIFST	RPT DEST	ERR SEV	RESULT	LEVEL 2 REC TYPE	CTE FUND CAT	LATEST RUN DATE	PRIOR RUN DATE	SEC PRIOR RUN DATE											
I	SC0100	District is educating	CTEA-007	1	104.297493	02/12/2020	02/11/2020	02/09/2020											
I	SC0100	District is educating	CTEA-007	2	23.564035	23.564035	23.564035	23.564035											
I	SC0100	District is educating	CTEA-007	5	0	0	0	0											

Filtered by educating IRN and CTE Fund Category 1 to match to same data on CTEA-007



CTEA-008 Students Initially Funded at District

- Includes CTE FTEs of students for which the LEA is initially funded
- Contains Result Codes indicating the LEA is initially funded and break down transfer information by student situation
- Displays CTE FTEs as initially funded, positive amounts
- Can be matched to the CTEA-000 CTE FTE Detail Report



Initially Funded Students – No Transfer

- CTEA-000 CTE FTE Detail Report
 - First filter on Initially Funded IRN = IRN of entity receiving the report
 - Add second filter - Transfer to IRN = Blank
 - Sum Adjusted CTE FTE by CTE Fund Category
- CTEA-008 CTE FTE Daily Summary Report – Students Initially Funded
 - For Result Code SC0110 – no transfer of funds



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Initially Funded Students – Transfer to JVSD

- CTEA-000 CTE FTE Detail Report
 - First filter on Initially Funded IRN = IRN of entity receiving the report
 - Add second filter - Transfer to IRN = JVSD IRN(s)
 - Sum Adjusted CTE FTE by CTE Fund Category
- CTEA-008 CTE FTE Daily Summary Report – Students Initially Funded
 - Result Code SC0120 – funds transferred to a JVSD



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Initially Funded at District then to JVSD

Match the data to the CTEA-000 CTE FTE Detail report to identify the initially funded students whose funding will be transferred to a JVSD

CTE FUND CAT	LEGAL DIST	STATE EQUIV GRADE	FTE START DATE	FTE END DATE	ORIG F	ADJSTD FTE	TRNSFR TO IRN	INIT FUND	COURSE ENRL START DATE
5 060606	11		2019-08-22 00:00:00.0	2019-10-04 00:00:00.0				060606	2020-03-21 00:00:00.0
5 060606	11		2019-10-05 00:00:00.0	2020-01-14 00:00:00.0				060606	2019-10-15 00:00:00.0
5 060606	08		2020-03-21 00:00:00.0	2020-05-23 00:00:00.0				060606	2019-10-15 00:00:00.0
5 060606	07		2020-03-21 00:00:00.0	2020-05-23 00:00:00.0	0.027778	0		060606	2020-03-21 00:00:00.0

CTEA-000 CTE FTE Detail Report

2. Filter on Transfer to IRN for specific LEA types. In this demonstration we select the four JVSD IRNs

1. Filter on Initially Funded IRN= IRN of entity receiving the report (060606)

Sort A to Z
Sort Z to A
Sort by Color
Clear Filter From "TRNSFR TO IRN"
Filter by Color
Text Filters
Search

- 049111
- 049666
- 050777
- 051111
- 051333
- 051444
- 142222
- 143333
- (Blanks)

OK Cancel



Initially Funded at District then to JVSD, cont'd

Filter by CTE Fund Category 1 and sum the Adjusted FTE column. Match this to the CTEA-008 report Result Code SC0120 – District initially funded – transfer to the JVS

CTEA-000 CTE FTE Detail Report

CTE FUND CAT	LEGAL DIST	STATE EQUIV GRADE LEVEL	FTE START DATE	FTE END DATE	ORIG F	ADJSTD FTE	TRNSFR TO IRN	INIT FUND
1 060606	08		2019-08-16 00:00:00.0	2019-11-20 00:00:00.0	0.055556	0.055556	050777	060606
1 060606	08		2020-03-04 00:00:00.0	2020-05-23 00:00:00.0	0.055556	0.055556	050777	060606
1 060606	12		2019-08-15 00:00:00.0	2020-05-22 00:00:00.0	0.180556	0.180556	050777	060606
1 060606	12		2019-08-15 00:00:00.0	2020-05-22 00:00:00.0	0.180556	0.180556	050777	060606
1 060606	08		2019-11-27 00:00:00.0	2020-03-01 00:00:00.0	0.055556	0.055556	050777	060606
1 060606	08		2019-08-16 00:00:00.0	2019-11-20 00:00:00.0	0.055556	0.055556	050777	060606
1 060606	07		2019-08-16 00:00:00.0	2020-01-18 00:00:00.0	0.055556	0.055556	050777	060606
1 060606	07		2020-01-22 00:00:00.0	2020-05-22 00:00:00.0	0.055556	0.055556	050777	060606
1 060606	07		2019-08-16 00:00:00.0	2020-01-18 00:00:00.0	0.055556	0.055556	050777	060606
1 060606	07		2020-01-22 00:00:00.0	2020-05-22 00:00:00.0	0.055556	0.055556	050777	060606

(CTEA-008) CTE FTE Daily Summary Report – Students Initially Funded at District

RESULT CODE	RESULT CODE DESCR	LEVEL 2 CODE	CTE FUND NUMB	LATEST RUN DATE	PRIOR RUN DATE	SEC PRIOR RUN DATE
SC0110	District is initially funded - no transfer	CTEA-008	1	86.791793	86.791793	86.733444
SC0110	District is initially funded - no transfer	CTEA-008	2	18.808156	18.808156	18.808156
SC0110	District is initially funded - no transfer	CTEA-008	5	0	0	0
SC0120	District is initially funded - transfer to JVS	CTEA-008	1	5.793675	5.793675	5.793675
SC0120	District is initially funded - transfer to JVS	CTEA-008	2	0.618055	0.618055	0.618055
SC0120	District is initially funded - transfer to JVS	CTEA-008	4	2.642087	2.642087	2.642087



Initially Funded Students – Transfer to COMM/STEM

- CTEA-000 CTE FTE Detail Report
 - First filter on Initially Funded IRN = IRN of entity receiving the report
 - Add second filter – Fund Pattern Code = COMM and STEM
 - Sum Adjusted CTE FTE by CTE Fund Category
- CTEA-008 CTE FTE Daily Summary Report – Students Initially Funded
 - For Result Code SC0130 – funds transferred to a Community School/STEM



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Initially Funded Students – Transfer to Other District

- CTEA-000 CTE FTE Detail Report
 - First filter on Initially Funded IRN = IRN of entity receiving the report
 - Add second filter - Transfer to IRN = Traditional District IRN(s)
 - Sum Adjusted CTE FTE by CTE Fund Category
- CTEA-008 CTE FTE Daily Summary Report – Students Initially Funded
 - For Result Code SC0140 – funds transferred to another district



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CTEA-009 Transfers

- Includes CTE FTEs that will either transfer in or out from the LEA receiving the report
- Displays CTE FTEs that transfer in as positive amounts and CTE FTEs that transfer out as negative amounts
- Includes CTE FTEs for students who are
 - in open enrollment situations
 - in specific non-open enrollment situations
 - attending community schools or STEM schools
- Can be matched to the CTEA-000 CTE FTE Detail Report



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Result Codes

- SC0150 – Open-enrolled in, initially funded elsewhere and funding transferred to educating LEA (positive amount)
- SC0160 – Open-enrolled out, initially funded then funding is transferred to the educating LEA (negative amount)
- SC0170 – Non open-enrolled in, initially funded elsewhere then funding is transferred to educating LEA (positive amount)
- SC0180 – Non open-enrolled out, initially funded then funding is transferred to the educating LEA (negative amount)
- SC0190 – Community School/STEM educating, funding transferred in (positive amount)
- SC0200 – Resident student at Community School/STEM, funding transferred (negative amount)



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Open Enrollment Transfers

- CTEA-000 CTE FTE Detail Report
 - First filter on Fund Pattern Codes OPID, OJVD, and OPDD
 - Add filter in Inclusion Code Column – NONE match to Result Code SC0150 ~OR~
 - Add filter in Inclusion Code Column – FULL match to Result Code SC0160
 - Sum the Adjusted FTE by CTE Fund Category
- CTEA-009 CTE FTE Daily Summary Report – Transfers
 - Result Code SC0150 open-enrolled in - positive amount ~OR~
 - Result Code SC0160 open enrolled out – negative amount
 - Select Latest Run FTEs and AutoSum or view sum



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Non Open-Enrollment Transfers

- CTEA-000 CTE FTE Detail Report
 - First filter on Fund Pattern Codes CTID, CTOP, CTVC, and SPCO
 - Add filter in Inclusion Code Column – NONE to match to Result Code SC0170 ~OR~
 - Add filter in Inclusion Code Column – FULL to match to Result Code SC0180
 - Sum the Adjusted FTE by CTE Fund Category
- CTEA-009 CTE FTE Daily Summary Report – Transfers
 - Result Code SC0170 non open-enrolled in- positive amount ~OR~
 - Result Code SC0180 non open-enrolled out - negative amount
 - Select Latest Run FTEs and AutoSum or view sum



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Community School/STEM Transfers

- CTEA-000 CTE FTE Detail Report
 - Filter on Fund Pattern Codes COMM and STEM
 - Sum Adjusted FTE by CTE Fund Category
- CTEA-009 CTE FTE Daily Summary Report – Transfers
 - Result Code SC0190 Community School/STEM educating - positive amount ~OR~
 - Result Code SC0200 District of Residence – negative amount
 - Select Latest Run FTEs and AutoSum or view sum



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Quick Check

CTE FTE Daily Summary Reports are helpful to identify fluctuations in CTE FTEs that could affect funding. They can also be used to follow the flow of CTE funding based on student situations.

- Are you checking the Daily Summary reports often to avoid any negative impacts on CTE funding?
- Can you identify individual students in the Daily Summary reports by filtering the CTE FTE Detail Report?
- Are you sharing these reports with others in your district?



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Summary

- CTE reports contain data to verify and issues to correct
- The troubleshooting process requires interaction between the CTE FTE Detail Report and the error reports
- Use the CTE FTE Summary Reports to verify data and to compare data from previous versions of the reports
- Confirm that corrections have been made in the source system and that new EMIS data has been submitted in order for CTE reports to be updated



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Resources

- <http://education.ohio.gov>
 - Current EMIS Manual
 - ODE Home > Topics > Data > EMIS > Documentation > EMIS Manual
- Level 2 Report Explanations
 - ODE Home > Topics > Data > EMIS > Documentation > EMIS Validation and Report Explanations
 - CTE FTE Reports
 - CTE FTE Daily Summary Reports
 - ODE Career Tech main page
 - ODE Home > Topics > Career Tech > Resources > FY 2020 Program and Assessment Matrix
- Your ITC



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