



# **Career Technical Education Data Report and Timeline in Meeting the Career Technical Education Incentive Grant and the Kindergarten through Grade Twelve Strong Workforce Program Data Metrics, Pursuant to California *Education* Code Sections 53071 and 88828.**

## **Item 03**

Posted by the California Department of Education  
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# Overview

- Review the Next Steps from the January 29, 2021 California Workforce Pathways Joint Advisory Committee (CWPJAC) meeting
- Data collection and reporting timeline
- Data report for the Career Technical Education Incentive Grant (CTEIG) and the Kindergarten Through Grade Twelve Strong Workforce Program (K–12 SWP)





# Next Steps from January 29, 2021 California Workforce Pathway Joint Advisory Committee Meeting



- Follow through on timeline specified in Attachment 1 (January 29, 2021 meeting)
- Refine Attachments 2 and 3 to include an additional year (2019–20) (January 29, 2021 meeting)
- Start building out output and outcomes data
- Continued discussion between program and data divisions within the CDE



# Data Collection and Timeline

The goal is to provide a full set of data for each annual year to the California Workforce Joint Advisory Committee (CWPJAC) for review.



CTE Data Reporting by Academic Year	CTEIG and K–12 SWP Metrics 1–4 Collected	CTEIG and K–12 SWP Metrics 5–6 Collected	Anticipated Reporting Date to the CWPJAC	Collection Method
2018–2019	EOYIII 2019 August	Fall II 2020 March	Fall 2021	SNAP Survey and CALPADS
2019–2020	EOYIII 2020	Fall II 2021	Fall 2022	CALPADS
2020–2021	EOY III 2021	Fall II 2022	Fall 2023	CALPADS
2021–2022	EOYIII 2022	Fall II 2023	Fall 2024	CALPADS

# Reminders for Data Reported for 2018–19

- This was the first year of the K–12 SWP
- Data presented is in the context of the 4 Year Adjusted Graduation Cohort Rate



# Additional Reminders for Data Reported for 2018–19

- Data collected partially through CALPADS and partially through the CTE Completer Survey as CCTD continued to transition CTE data collection into CALPADS



# CTE Completer Survey

- Survey is provided to LEAs annually
- LEAs survey their CTE Completers defined as any student who left secondary education in 2018–19, completed a CTE sequence of courses of 300 hours or more, and passed the capstone course (C- or better).
- LEAs required to submit survey results into CALPADS as part of the annual data reporting period in March.



# Metrics Presented Today

- Metrics provided in this presentation are those metrics that were collected through CALPADS – Metrics collected through the CTE Completer Survey only will be presented during September’s CWPJAC meeting.



# Metric 1: The number of pupils completing CTE coursework.

- **Indicator 1A:** The number of pupils completing one CTE course
- **Indicator 1B:** The number of pupils who complete at least 300 hours of course sequence in an industry pathway, the sequence includes the capstone course; and the CTE student receives a grade of C- or better in the capstone course
- **Indicator 1C:** The number of pupils completing two CTE courses
- **Indicator 1D:** The number of pupils completing more than two CTE courses but does not reach a CTE Completer status as defined above during the four-year cohort period (March 2021).





# Indicator 1A: The number of pupils completing one CTE course.

Four-Year Cohort Year	Grant Recipient	Student Population	Number of Students
2018-2019	Not Applicable	All Students in the Cohort	495,182
2018-2019	Not Applicable	Non-CTE Students	126,233
2018-2019	Not Applicable	CTE Participants	295,700
2018-2019	Not Applicable	CTE Completers	73,249
2018-2019	CTE Incentive Grant	Non-CTE Students	100,662
<b>2018-2019</b>	<b>CTE Incentive Grant</b>	<b>CTE Participants</b>	<b>264,358</b>
2018-2019	CTE Incentive Grant	CTE Completers	70,722
2018-2019	Strong Workforce Program	Non-CTE Students	70,378
<b>2018-2019</b>	<b>Strong Workforce Program</b>	<b>CTE Participants</b>	<b>181,454</b>
2018-2019	Strong Workforce Program	CTE Completers	45,880
2018-2019	Perkins	Non-CTE Students	94,013
2018-2019	Perkins	CTE Participants	259,811
2018-2019	Perkins	CTE Completers	69,647

Data Source: CALPADS



**Indicator 1B: The number of pupils who complete at least 300 hours of course sequence in an industry pathway, the sequence includes the capstone course; and the CTE student receives a grade of C- or better in the capstone course.**

Four-Year Cohort Year	Grant Recipient	Student Population	Number of Students
2018-2019	Not Applicable	All Students in the Cohort	495182
2018-2019	Not Applicable	Non-CTE Students	126233
2018-2019	Not Applicable	CTE Participants	295700
2018-2019	Not Applicable	CTE Completers	73249
2018-2019	CTE Incentive Grant	Non-CTE Students	100662
2018-2019	CTE Incentive Grant	CTE Participants	264358
<b>2018-2019</b>	<b>CTE Incentive Grant</b>	<b>CTE Completers</b>	<b>70722</b>
2018-2019	Strong Workforce Program	Non-CTE Students	70378
2018-2019	Strong Workforce Program	CTE Participants	181454
<b>2018-2019</b>	<b>Strong Workforce Program</b>	<b>CTE Completers</b>	<b>45880</b>
2018-2019	Perkins	Non-CTE Students	94013
2018-2019	Perkins	CTE Participants	259811
2018-2019	Perkins	CTE Completers	69647

Data Source: CALPADS



# Indicator 1C: The number of pupils completing two CTE courses

- Students who completed 2 courses in the same pathway?
- Students who completed 2 courses in different pathways?



## Indicator 1D: The number of pupils completing more than two CTE courses, but does not reach a CTE Completer status as defined above during the four-year cohort period.

- More than two courses in the same pathway?
- More than two courses in different pathways?



# Metric 2: The high school graduation rate.

- **Indicator 2A:** An unduplicated aggregate count of pupils in the adjusted cohort for the graduating class, where the local educational agency (LEA) has identified the pupil as having completed one CTE course during the four-year cohort period (March 2021).
- **Indicator 2B:** An unduplicated aggregate count of pupils in the adjusted cohort for the graduating class, where the LEA has identified the pupil as having completed at least one CTE pathway within the last four years (March 2021).
- **Indicator 2C:** An unduplicated aggregate count of pupils in the adjusted cohort for the graduating class, where the LEA has identified the pupil as having completed two CTE courses during the four-year cohort period (May 2021).
- **Indicator 2D:** An unduplicated aggregate count of pupils in the adjusted cohort for the graduating class, where the LEA has identified the pupil as having completed more than two CTE courses but does not reach a CTE Completer status as defined above during the four-year cohort period (May 2021).



# Indicator 2A: An unduplicated aggregate count of pupils in the adjusted cohort for the graduating class, where the local educational agency (LEA) has identified the pupil as having completed one CTE course during the four-year cohort period.

Four-Year Cohort Year	Grant Recipient	Student Population	Number of Students	Number of Graduates	Graduation Rate
2018-2019	Not Applicable	All Students in the Cohort	495,182	417,756	84.4
2018-2019	Not Applicable	Non-CTE Students	126,233	93,921	74.4
2018-2019	Not Applicable	CTE Participants	295,700	253,120	85.6
2018-2019	Not Applicable	CTE Completers	73,249	70,715	96.5
2018-2019	CTE Incentive Grant	Non-CTE Students	100,662	76,769	76.3
<b>2018-2019</b>	<b>CTE Incentive Grant</b>	<b>CTE Participants</b>	<b>264,358</b>	<b>232,592</b>	<b>88.0</b>
2018-2019	CTE Incentive Grant	CTE Completers	70,722	68,592	97.0
2018-2019	Strong Workforce Program	Non-CTE Students	70,378	53,286	75.7
<b>2018-2019</b>	<b>Strong Workforce Program</b>	<b>CTE Participants</b>	<b>181,454</b>	<b>157,902</b>	<b>87.0</b>
2018-2019	Strong Workforce Program	CTE Completers	45,880	44,310	96.6
2018-2019	Perkins	Non-CTE Students	94,013	76,163	81.0
2018-2019	Perkins	CTE Participants	259,811	231,001	88.9
2018-2019	Perkins	CTE Completers	69,647	67,628	97.1

Data Source: CALPADS



# Indicator 2B: An unduplicated aggregate count of pupils in the adjusted cohort for the graduating class, where the LEA has identified the pupil as having completed at least one CTE pathway within the last four years.

Four-Year Cohort Year	Grant Recipient	Student Population	Number of Students	Number of Graduates	Graduation Rate
2018-2019	Not Applicable	All Students in the Cohort	495,182	417,756	84.4
2018-2019	Not Applicable	Non-CTE Students	126,233	93,921	74.4
2018-2019	Not Applicable	CTE Participants	295,700	253,120	85.6
2018-2019	Not Applicable	CTE Completers	73,249	70,715	96.5
2018-2019	CTE Incentive Grant	Non-CTE Students	100,662	76,769	76.3
2018-2019	CTE Incentive Grant	CTE Participants	264,358	232,592	88.0
<b>2018-2019</b>	<b>CTE Incentive Grant</b>	<b>CTE Completers</b>	<b>70,722</b>	<b>68,592</b>	<b>97.0</b>
2018-2019	Strong Workforce Program	Non-CTE Students	70,378	53,286	75.7
2018-2019	Strong Workforce Program	CTE Participants	181,454	157,902	87.0
<b>2018-2019</b>	<b>Strong Workforce Program</b>	<b>CTE Completers</b>	<b>45,880</b>	<b>44,310</b>	<b>96.6</b>
2018-2019	Perkins	Non-CTE Students	94,013	76,163	81.0
2018-2019	Perkins	CTE Participants	259,811	231,001	88.9
2018-2019	Perkins	CTE Completers	69,647	67,628	97.1

Data Source: CALPADS



**Indicator 2C: An unduplicated aggregate count of pupils in the adjusted cohort for the graduating class, where the LEA has identified the pupil as having completed two CTE courses during the four-year cohort period.**

- Students who completed two courses in the same pathway?
- Students who completed 2 courses in different pathways?



**Indicator 2D: An unduplicated aggregate count of pupils in the adjusted cohort for the graduating class, where the LEA has identified the pupil as having completed more than two CTE courses but does not reach a CTE Completer status as defined above during the four-year cohort period.**

- More than two courses in the same pathway?
- More than two courses in different pathways?



## Metric 3: The number of pupils meeting academic and career-readiness standards as defined in the CCI associated with the California School Dashboard.

- **Indicator 3A:** The number of pupils meeting a score of Level 2 “Standard Nearly Met” on the Smarter Balanced Grade 11 English Language Arts assessment (May 2021).
- **Indicator 3B:** The number of pupils meeting a score of Level 2 “Standard Nearly Met” on the Smarter Balanced Grade 11 mathematics assessment (May 2021).
- **Indicator 3C:** The number of CTE Completers as defined in the CCI associated with the California School Dashboard (July 2021).
- **Indicator 3D:** The number of pupils completing college coursework as defined in the CCI associated with the California School Dashboard (July 2021).



# Indicator 3A: The number of pupils meeting a score of Level 2 “Standard Nearly Met” on the Smarter Balanced Grade 11 English Language Arts assessment. (CTEIG Only)

English Language Arts	Total in Cohort	Number of students tested	Number of students with scores	% Standard Exceeded Level 4	% Standard Met Level 3	% Standard Nearly Met Level 2	% Standard Not Met Level 1
All cohort Students	435,742	384,431	383,651	26.2%	30.8%	22.0%	21.0%
All CTEIG Non-CTE Students	100,663	76,343	76,153	35.1%	29.8%	17.2%	17.9%
CTEIG CTE Participants	335,079	308,088	307,498	24.0%	31.1%	23.2%	21.7%
All CTEIG Completer students	70,722	68,593	68,508	26.4%	34.5%	23.4%	15.7%
All CTEIG CTE Non Completer participant students	264,357	239,495	238,990	23.3%	30.1%	23.1%	23.5%





# Indicator 3B: The number of pupils meeting a score of Level 2 “Standard Nearly Met” on the Smarter Balanced Grade 11 mathematics assessment. (CTEIG Only)

Math	Total in Cohort	Number of students tested	Number of students with scores	% Standard Exceeded Level 4	% Standard Met Level 3	% Standard Nearly Met Level 2	% Standard Not Met Level 1
All cohort Students	435,742	383,143	382,604	13.4%	19.0%	23.2%	44.5%
All CTEIG Non-CTE Students	100,663	76,437	76,302	18.7%	23.2%	22.4%	35.7%
CTEIG CTE Participants	335,079	306,706	306,302	12.0%	17.9%	23.4%	46.7%
All CTEIG Completer students	70,722	68,331	68,283	13.3%	19.6%	25.6%	41.4%
All CTEIG CTE Non Completer participant students	264,357	238,375	238,019	11.7%	17.4%	22.7%	48.2%





# Indicator 3C: The number of CTE Completers as defined in the CCI associated with the California School Dashboard.

This metric will be reported in September 2021.

Source: CALPADS





# Indicator 3D: The number of pupils completing college coursework as defined in the CCI associated with the California School Dashboard.

Four-Year Cohort Year	Grant Recipient	Student Population	Number of Students	Number of Graduates	Graduation Rate	Number of Graduates Meeting University of California and California State University Requirements	Percentage of Graduates Meeting University of California and California State University Requirements
2018-2019	Not Applicable	All Students in the Cohort	495,182	417,756	84.4	211,003	50.5
2018-2019	Not Applicable	Non-CTE Students	126,233	93,921	74.4	58,462	62.2
2018-2019	Not Applicable	CTE Participants	295,700	253,120	85.6	115,946	45.8
2018-2019	Not Applicable	CTE Completers	73,249	70,715	96.5	36,595	51.7
2018-2019	CTE Incentive Grant	Non-CTE Students	100,662	76,769	76.3	46,866	61.0
2018-2019	CTE Incentive Grant	CTE Participants	264,358	232,592	88.0	107,193	46.1
<b>2018-2019</b>	<b>CTE Incentive Grant</b>	<b>CTE Completers</b>	<b>70,722</b>	<b>68,592</b>	<b>97.0</b>	<b>35,526</b>	<b>51.8</b>
2018-2019	Strong Workforce Program	Non-CTE Students	70,378	53,286	75.7	32,886	61.7
2018-2019	Strong Workforce Program	CTE Participants	181,454	157,902	87.0	74,618	47.3
<b>2018-2019</b>	<b>Strong Workforce Program</b>	<b>CTE Completers</b>	<b>45,880</b>	<b>44,310</b>	<b>96.6</b>	<b>23,509</b>	<b>53.1</b>
2018-2019	Perkins	Non-CTE Students	94,013	76,163	81.0	47,190	62.0
2018-2019	Perkins	CTE Participants	259,811	231,001	88.9	107,560	46.6
2018-2019	Perkins	CTE Completers	69,647	67,628	97.1	35,225	52.1

Data Source: CALPADS





## Metric 4: The number of pupils obtaining an industry-recognized credential, certificate, license, or other measure of technical skill attainment.

- **Indicator 4A:** The number of CTE pathway completers obtaining an industry-recognized certification (Summer 2022).
- **Indicator 4B:** The number of CTE pathway completers completing work-based learning experience (Summer 2022).



## Indicator 4A: The number of CTE pathway completers obtaining an industry-recognized certification.

This metric will be reported in September 2021 for the 2018-19 year.

Data Source: Survey





## Indicator 4B: The number of CTE pathway completers completing work-based learning experience.

No data to report for 2018-19 as this data is just being collected for the first time in CALPADS for the 2019-20 year and will be reported in September 2022.

Data Source: CALPADS



## Metric 5: The number of former pupils employed and the types of businesses in which they are employed.

- **Indicator 5:** The number of former pupils employed and the types of businesses in which they are employed.

This metric will be reported in September 2021.

Source: Survey



**Metric 6: The number of former pupils enrolled in each of the following:**

- (I) A postsecondary educational institution.**
- (II) A state apprenticeship program.**
- (III) A form of job training other than a state apprenticeship program.**



- **Indicator 6A:** The number of CTE pathway completers enrolled in a postsecondary educational institution.
- **Indicator 6B:** The number of CTE pathway completers enrolled in a state apprenticeship program.
- **Indicator 6C:** The number of CTE pathway completers enrolled in a form of job training other than a state apprenticeship program.

This metric will be reported in September 2021.

Source: Survey

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