

# Overall and Component Rating Technical Documentation



Career Technical Planning  
District Report Cards

2023-2024 School Year



Department of  
Education &  
Workforce

# Revision History

The revision history section provides a means for readers to easily navigate to the places where updates have occurred from prior years. Significant changes and updates are indicated through underlined blue text for additions and red text with strikethroughs for deletions. Minor changes- such as typos, formatting and grammar corrections are not marked.

Date	Effective	Description

[OHIO REVISED CODE](#) and [OHIO ADMINISTRATIVE CODE](#) require districts to report data to EMIS and to verify and approve all EMIS data. It should be reviewed and verified prior to the close of the [DIFFERENT DATA COLLECTIONS](#). This verification should include all relevant reports, including those in the Secure Data Center (SDC).

The Secure Data Center (SDC) is an interactive tool that allows districts to review data before its final and the Report Cards are released. **The SDC is the main resource districts should use to review Report Card Data but not inclusive please verify all relevant reports from EMIS.**

Table 1: Breadcrumb Trail to Secure Data Center Reports for Districts to Review

Component	Measure	SDC Breadcrumb Trail
Overall Rating		Report Portal > Secure Data Center > Local Report Card > CTPD Local Report Card > <b>Overall Rating</b>
	Achievement Component	Report Portal > Secure Data Center > Local Report Card > CTPD Local Report Card > <b>Achievement</b>
	Career & Post-Secondary Readiness Component	Report Portal > Secure Data Center > Local Report Card > CTPD Local Report Card > <b>Career &amp; Post-Secondary Readiness</b>
	Graduation Component	Report Portal > Secure Data Center > Local Report Card > CTPD Local Report Card > <b>Graduation Rates</b>
	Post-Program Outcomes Component	Report Portal > Secure Data Center > Local Report Card > CTPD Local Report Card > <b>Post-Program Outcomes</b>

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## Introduction

The Department continues its commitment to assessing and evaluating schools and districts through a comprehensive framework. As part of this framework, the Department issues four component ratings to career technical planning districts, providing a holistic view of educational performance. These components include Achievement, Career & Post-Secondary Readiness, Graduation Rate, and Post-Program Outcomes. The aggregation of these component ratings culminates in an Overall Rating, reflecting the overall effectiveness of career technical education across Ohio. In this document, we delve into the methodology behind the overall rating, emphasizing the importance of performance metrics and their impact on the overall assessment.

## CTPD Achievement Component

Measures student performance on career technical assessments in a student's career pathway and state assessments in English language arts, mathematics, science, and social studies. The Achievement Component provides a snapshot of a student's success in career readiness.

### *MEASURES INCLUDED*

Technical Skill Attainment Percentage  
Performance Index Percentage

### *DEMOTIONS*

Technical Skill Participation Rate if >80% but <90% receives 1 Star Demotion, if <80% receives 2 Star Demotion

### *WEIGHTS*

Final Technical Skill Attainment Percentage is converted to points then contributes **80%** to the Achievement Component rating.  
Performance Index Percentage is converted to points then contributes **20%** to the Achievement Component rating.

Figure 1: Visual of CTPD Achievement Component Calculation

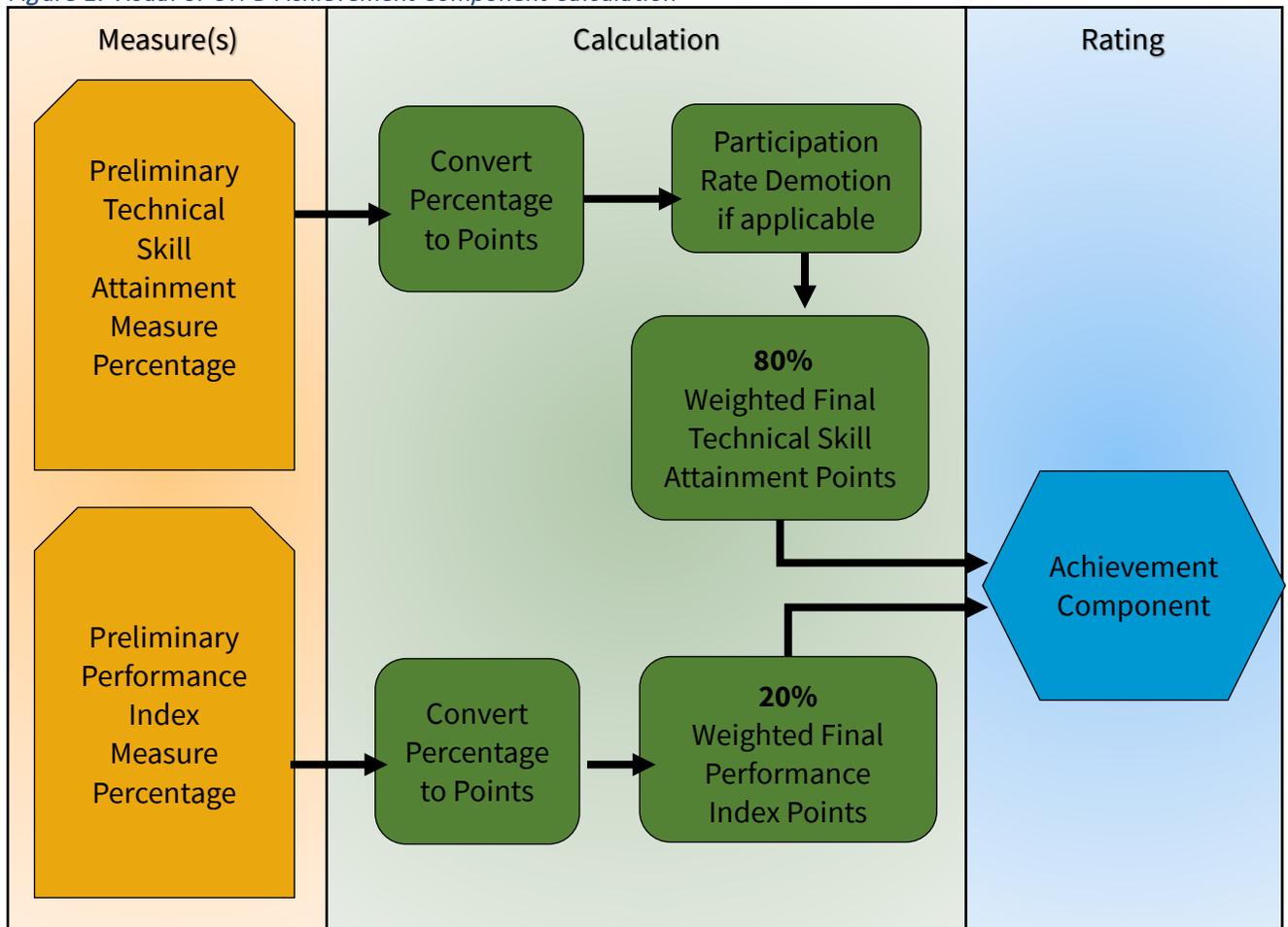


Table 1: CTPD Technical Skill Attainment Percentage to Points Conversion Chart

Measure Grade Scale	Percentage	Points
90% - 100% - 5 Stars	>=97.5% to 100%	5
	>=95% but <97.5%	4.75
	>=92.5 but <95%	4.5
	>=90% but <92.5%	4.25
80% - 89.9% - 4 Stars	>=87.5% but <90%	4
	>=85% but <87.5%	3.75
	>=82.5% but <85%	3.5
	>=80% but <82.5%	3.25
70% - 79.9% - 3 Stars	>=77.5% but <80%	3
	>=75% but <77.5%	2.75
	>=72.5% but <75%	2.5
	>=70% but <72.5%	2.25
60% - 69.9% - 2 Stars	>=67.5% but <70%	2
	>=65% but <67.5%	1.75
	>=62.5% but <65%	1.5
	>=60% but <62.5%	1.25

<60% - 1 Star	>=45% but <60%	1
	>=30% but <45%	0.75
	>=15% but <30%	0.5
	>=0% but <15%	0

Table 2: CTPD Performance Index Percentage to Points

Measure Grade Scale	Percentage	Points
85 - 100% - 5 Stars	>= 96.25 to 100%	5
	>= 92.5% but < 96.25%	4.75
	>=88.75% but <92.5%	4.5
	>= 85% but < 88.75%	4.25
75 - 84.9% - 4 Stars	>= 82.43% but < 85%	4
	>= 79.95% but < 82.43%	3.75
	>=77.48% but < 79.95%	3.5
	>=75% but <77.48%	3.25
60 - 74.9% - 3 Stars	>=71.18% but < 75%	3
	>=67.45% but <71.18%	2.75
	>=63.73% but <67.45%	2.5
	>=60% but <63.73%	2.25
45 - 59.9% - 2 Stars	>=56.18% but <60%	2
	>=52.45% but <56.18%	1.75
	>=48.73% but < 52.45%	1.5
	>=45% but < 48.73%	1.25
<45% - 1 Star	>= 33.75% but <45%	1
	>=22.5% but < 33.75%	0.75
	>=11.25% but <22.5%	0.5
	>=0% but <11.25%	0

Table 3: CTPD Achievement Component Rating Scale and Descriptions

Points	Rating	Rating Description
Greater than or equal to 4.125 Points	5 Stars	Significantly exceeds state standards in technical and academic achievement
Greater than or equal to 3.125 points but less than 4.125 points	4 Stars	Exceeds state standards in technical and academic achievement
Greater than or equal to 2.125 but less than 3.125 points	3 Stars	Meets state standards in technical and academic achievement
Greater than or equal to 1.125 points but less than 2.125 points	2 Stars	Needs support to meet state standards in technical and academic achievement
Less than 1.125 points	1 Star	Needs significant support to meet state standards in technical and academic achievement

## CTPD Career & Post-Secondary Component

Evaluates the preparedness of students in Career Technical Planning Districts (CTPDs) for future careers and further education. It includes various elements that demonstrate a student’s readiness, such as industry-recognized credentials and work-based learning experiences.

### MEASURES INCLUDED

Career and Post-Secondary Readiness Measure

### WEIGHTS

Career and Post-Secondary Readiness Measure Percentage is converted to points then contributes **100%** to the Career & Post-Secondary Readiness component.

Figure 2: Visual of CTPD Career and Post Secondary Readiness Calculation

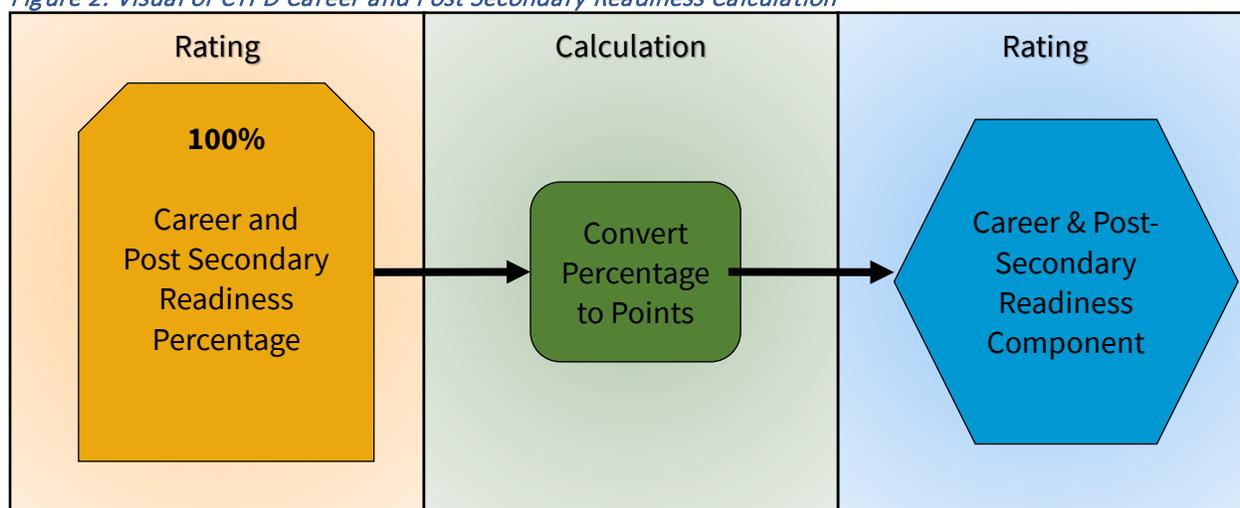


Table 4: CTPD Career and Post Secondary Readiness Percentage to Points

Rating Scale	Percentage	Points
93% - 100% = 5 Stars	>=98.3% to 100%	5
	>=96.5% but <98.3%	4.75
	>=94.8% but <96.5%	4.5
	>=93% but <94.8%	4.25
75% - 92.9% = 4 Stars	>=88.5% but <93%	4
	>=84% but <88.5%	3.75
	>=79.5% but <84%	3.5
	>=75% but <79.5%	3.25
60% - 74.9% = 3 Stars	>=71.3% but <75%	3
	>=67.5% but <71.3%	2.75
	>=63.8% but <67.5%	2.5
	>=60.0% but <63.8%	2.25
40% -59.9% = 2 Stars	>=55% but <60%	2

	>=50% but <55%	1.75
	>=45% but <50%	1.5
	>=40% but <45%	1.25
0% to 39.9% = 1 Star	>=30% but <40%	1
	>=20% but <30%	0.75
	>=10% but <20%	0.5
	>=0% but <10%	0

Table 5: CTPD Career & Post-Secondary Readiness Component Rating Scale and Descriptions

Points	Rating	Rating Description
Greater than or equal to 4.125 Points	5 Stars	Significantly exceeds state standards in Career & Post-Secondary Readiness
Greater than or equal to 3.125 points but less than 4.125 points	4 Stars	Exceeds state standards in Career & Post-Secondary Readiness
Greater than or equal to 2.125 but less than 3.125 points	3 Stars	Meets state standards in Career & Post-Secondary Readiness
Greater than or equal to 1.125 points but less than 2.125 points	2 Stars	Needs support to meet state standards in Career & Post-Secondary Readiness
Less than 1.125 points	1 Star	Needs significant support to meet state standards in Career & Post-Secondary Readiness

## CTPD Graduation Component

The CTPD Graduation component assesses the percentage of CTE Concentrator students who graduate within four or five years. It includes both standard and extended graduation rates. Points are awarded based on graduation rate performance.

### MEASURES INCLUDED

- 4-Year CTE Graduation Rate
- 5-Year CTE Graduation Rate

### WEIGHTS

- 4-Year CTE Graduation Rate contributes 60% to the CTPD Graduation Component Grade
- 5-Year CTE Graduation Rate contributes 40% to the CTPD Graduation Component Grade

If a school/district has only one measure, then it is used for the component. If neither measure is available, the component is not rated.

Figure 3: Visual of CTPD Graduation Component Calculation

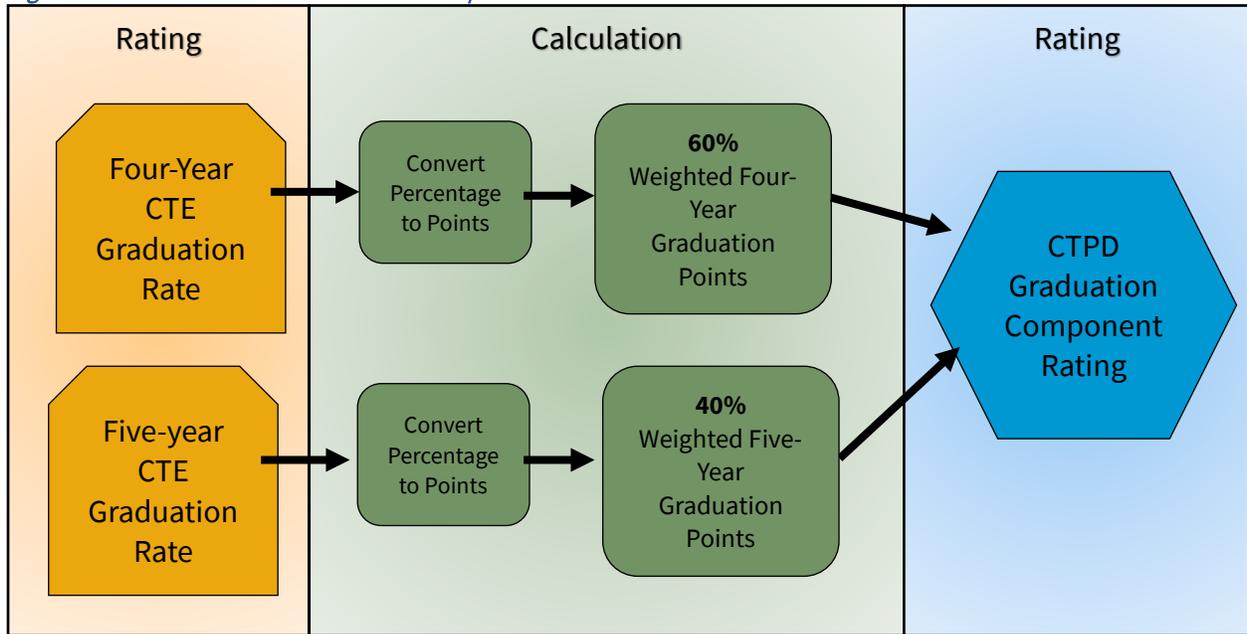


Table 6: CTPD Four-Year Graduation Percentage to Points

Measure Grade Scale	Percentage	Points
93% - 100% - 5 Stars	>=98.25% to 100%	5
	>=96.5% but <98.25%	4.75
	>=94.75 but <96.5%	4.5
	>=93% but <94.75%	4.25
89% - 92.9% - 4 Stars	>=92% but <93%	4
	>=91% but <92%	3.75
	>=90% but <91%	3.5
	>=89% but <90%	3.25
84% - 88.9% - 3 Stars	>=87.75% but <89%	3
	>=86.5% but <87.75%	2.75
	>=85.25% but <86.5%	2.5
	>=84% but <85.25%	2.25
79% - 83.9% - 2 Stars	>=82.75% but <84%	2
	>=81.5% but <82.75%	1.75
	>=80.25% but <81.5%	1.5
	>=79% but <80.25%	1.25
<79% - 1 Star	>=59.25% but <79%	1
	>=39.5% but <59.25%	0.75
	>=19.75% but <39.5%	0.5
	>=0% but <19.75%	0

Table 7: CTPD Five-Year Graduation Percentage to Points

Measure Grade Scale	Percentage	Points
95 - 100% - 5 Stars	>= 98.75 to 100%	5

	>= 97.5% but < 98.75%	4.75
	>=96.25% but <97.5%	4.5
	>= 95% but < 96.25%	4.25
90 - 94.9% - 4 Stars	>= 93.75% but < 95%	4
	>= 92.5% but < 93.75%	3.75
	>=91.25% but < 92.5%	3.5
	>=90% but <91.25%	3.25
85 - 89.9% - 3 Stars	>=88.75% but < 90%	3
	>=87.5% but <88.75%	2.75
	>=86.25% but <87.5%	2.5
	>=85% but <86.25%	2.25
80 - 84.9% - 2 Stars	>=83.75% but <85%	2
	>=82.5% but <83.75%	1.75
	>=81.25% but < 82.5%	1.5
	>=80% but < 81.25%	1.25
<80% - 1 Star	>= 60% but <80%	1
	>=40% but < 60%	0.75
	>=20% but <40%	0.5
	>=0% but <20%	0

*Table 8: CTPD Graduation Component Rating Scale and Descriptions*

Points	Rating	Rating Description
Greater than or equal to 4.125 Points	5 Stars	Significantly exceeds state standards in CTE graduation rates
Greater than or equal to 3.125 points but less than 4.125 points	4 Stars	Exceeds state standards in CTE graduation rates
Greater than or equal to 2.125 but less than 3.125 points	3 Stars	Meets state standards in CTE graduation rates
Greater than or equal to 1.125 points but less than 2.125 points	2 Stars	Needs support to meet state standards in CTE graduation rates
Less than 1.125 points	1 Star	Needs significant support to meet state standards in CTE graduation rates

## CTPD Post-Program Outcomes

Evaluates the proportion of CTE students who are employed, in an apprenticeship, join the military, enter a service program, or are enrolled in postsecondary education or advanced training within six months after school. Industry credentials measure the proportion of students earning industry credentials before leaving high school or within first six months after school.

**MEASURES INCLUDED**

Post-Program Placement Percentage  
 Industry Credentials

**PROMOTION/DEMOTION**

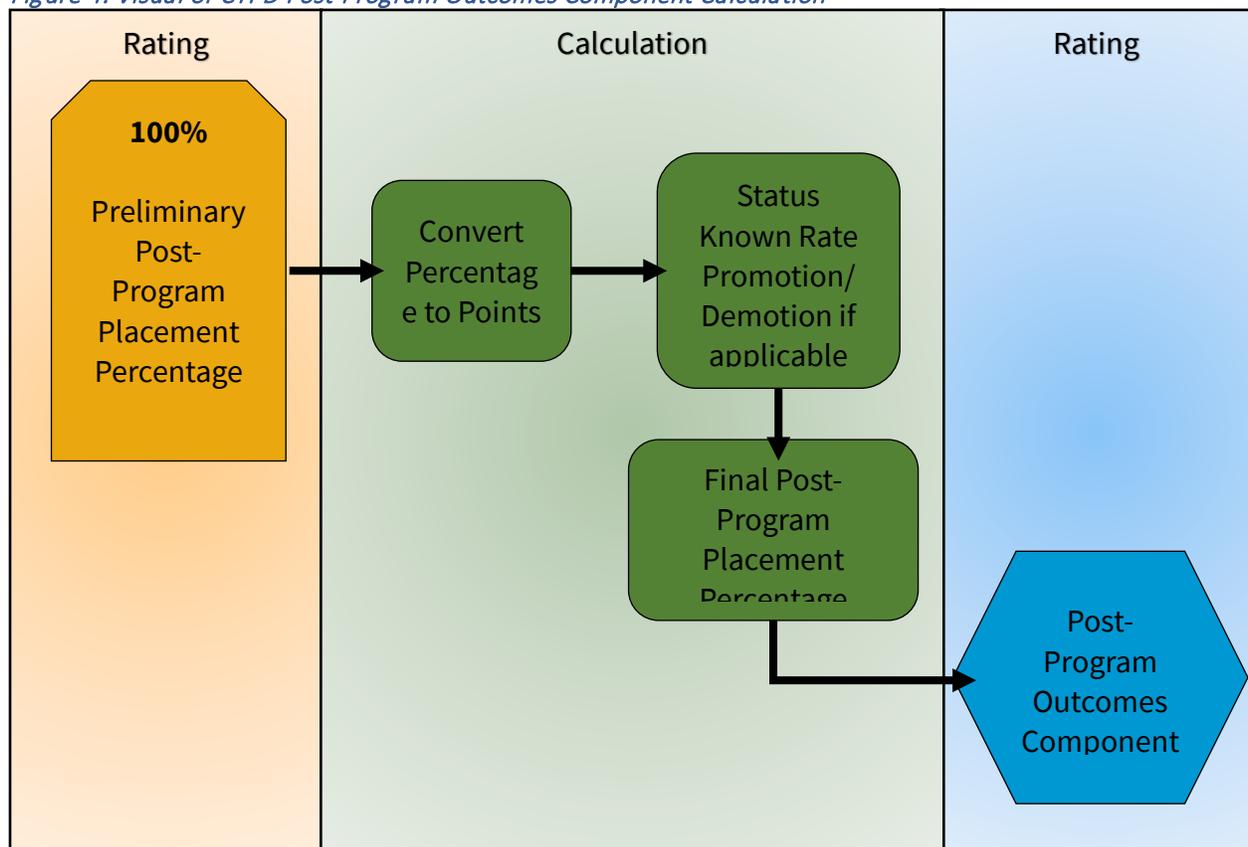
Status Known Rate if >80% but <90% receive 1 Star Demotion, if <80% receive 2 Star Demotion

**WEIGHTS**

Post-Program Placement Percentage is converted to points then contributes **100%** to the Post-Program Outcomes Component rating.

Industry Credential Percentages contribute **0%** to the Post-Program Outcome Component rating.

*Figure 4: Visual of CTPD Post-Program Outcomes Component Calculation*



*Table 9: CTPD Post-Program Placement Percentage to Points Conversion*

Measure Rating Scale	Percentage	Points
93% - 100% - 5 Stars	>=98.25% to 100%	5
	>=96.5% but <98.25%	4.75
	>=94.75% but <96.5%	4.5
	>= 93% but <94.75%	4.25
89% - 92.9% - 4 Stars	>=92% but <93%	4
	>=91% but <92%	3.75
	>=90% but <91%	3.5

	>=89% but <90%	3.25
84% - 88.9% - 3 Stars	>=87.75% but <89%	3
	>=86.5% but <87.75%	2.75
	>=85.25% but <86.5%	2.5
	>=84% but <85.25%	2.25
79% - 83.9% - 2 Stars	>=82.75% but <84%	2
	>=81.5% but <82.75%	1.75
	>=80.25% but <81.5%	1.5
	>=79% but <80.25%	1.25
<79% - 1 Star	>=59.25% but <79%	1
	>=39.5% but <59.25%	0.75
	>=19.75% but <39.5%	0.5
	>=0% but < 19.75%	0

Table 10: CTPD Post-Program Outcome Component Rating Scale and Descriptions

Points	Rating	Rating Description
Greater than or equal to 4.125 Points	5 Stars	Significantly exceeds state standards in Post-Program Placement
Greater than or equal to 3.125 points but less than 4.125 points	4 Stars	Exceeds state standards in Post-Program Placement
Greater than or equal to 2.125 but less than 3.125 points	3 Stars	Meets state standards in Post-Program Placement
Greater than or equal to 1.125 points but less than 2.125 points	2 Stars	Needs support to meet state standards in Post-Program Placement
Less than 1.125 points	1 Star	Needs significant support to meet state standards in Post-Program Placement

## CTPD Overall Rating

The Overall Rating provides a comprehensive view of CTPD effectiveness. Each of the rated components has an established weight which contributes to the overall rating calculation.

Table 11: CTPD Component Weight Distribution for Overall Rating

Component	Weight Towards Overall Grade
Achievement	25%
Career & Post-Secondary Readiness	25%
Graduation Rate	25%
Post-Program Outcomes	25%

When one or more components are not rated the remaining components contribute proportionally to the overall rating.

After the component ratings are assigned points, it is weighted based on the percentage each component contributes to the rating (using the weights in the tables above). These points are totaled to determine the overall rating.

The table below shows the percentage each measure contributes to the respective component (e.g. – the Performance Index contributes 20% to the Achievement component). The chart shows the hierarchy that leads to the overall rating.

NOTE: This table reflects the calculation of all measures and components if there are ratings. When one or more measure or component is not rated, weights are adjusted proportionally.

*Table 12: Measure contribution to Component points and Component points contribution to CTPD Overall Rating*

Measure and Percentage Contributed to Component Points	Component and Weight Contributed to CTPD Overall Rating Points	CTPD Overall Rating
Technical Skill Attainment = 80%	Achievement Component = 25%	
Performance Index = 20%		
4-Year Graduation Rate = 60%	Graduation Component = 25%	
5-Year Graduation Rate = 40%		
Post-Program Placement = 100%	Post-Program Outcomes= 25%	
Career & Post-Secondary Readiness = 100%	Career & Post-Secondary Readiness Component = 25%	

For each applicable component, the weighted points are calculated by taking the initial value and multiplying by the assigned weight (per the business rules outlined above). The total points are summed to arrive at the total points. It is rounded to the thousandths for ease of display. The result is a number between zero and five.

Below are examples of CTPDs with various combinations of component ratings. In each case, the Total Points are converted to a star rating,

Table 13: Total Points to CTPD Overall Rating

Total Points	CTPD Overall Rating	Rating Description
Greater than or equal to 4.125	5 Star	Significantly exceeds state standards
Greater than or equal to 3.625 but less than 4.125	4.5 Star	Exceeds state standards
Greater than or equal to 3.125 but less than 3.625	4 Star	Exceeds state standards
Greater than or equal to 2.625 but less than 3.125	3.5 Star	Meets state standards
Greater than or equal to 2.125 but less than 2.625	3 Star	Meets state standards
Greater than or equal to 1.625 but less than 2.125	2.5 Star	Needs support to meet state standards
Greater than or equal to 1.125 but less than 1.625	2 Star	Needs support to meet state standards
Greater than or equal to 0.563 but less than 1.125	1.5 Star	Needs significant support to meet state standards
Less than 0.563	1 Star	Needs significant support to meet state standards

Example 1: CTPD with 4 Components

Component	Points Earned	Weight	Report Card Component Weighted Points
Achievement	2.75	.25	.6875
Career & Post-Secondary Readiness	4.75	.25	1.1875
Graduation	3.25	.25	.8125
Post-Program Outcomes	2.75	.25	.6875
<b>TOTAL WEIGHTED POINTS</b>			<b>3.375 = "4 Star"</b>

Example 4: CTPD with 3 Components

Component	Points Earned	Weight	Report Card Component Weighted Points
Achievement	2.5	.33333	.833325
Career & Post-Secondary Readiness	3.25	.33333	1.0833225
Graduation	3.00	.3333	.99999

<b>Post-Program Outcomes</b>	NR	NR	NR
<b>TOTAL WEIGHTED POINTS</b>			2.92 = <b>“3.5 Star”</b>