The **CTE Opportunity Gap Analysis Reports** shows observable disparities or "opportunity gaps" in the CTE participation for specific subgroups or special populations. Gaps may be due to a variety of factors – the report indicates where the gap exists and the magnitude of the gap but does not explain the underlying cause for the gap. The report shows "opportunity gaps" as a percentage-point difference between the schoolwide population and the CTE-participating population for each subgroup or special population.

Each CTE Opportunity Gap Analysis Report consists of three pages per participating school. Each page contains data for the entire school, for CTE within that school, and for each CTE program within the school. All three pages should be reviewed in conjunction with each other.

- Page 1 shows the actual pupil count (enrollment).
- Page 2 converts actual student counts into percentages of the whole.
- Page 3 shows the differences of the percentage values (percentage-point difference) in a color-coded "heatmap" table.

Frequently Asked Questions

If my school has no students in CTE in a particular subgroup or population, why does my report show a gap for that subgroup or population?

If your school has any students enrolled in that group, but none of those students are enrolled in CTE, the gap will be equal to the percentage of students enrolled in the school. Say 10% of students enrolled in the school are in one subgroup, but none of those students are enrolled in CTE. The opportunity gap is 10 percentage points, meaning that there are 10 percentage points fewer students enrolled in CTE than in the entire school for that subgroup.

All my students in a particular subgroup or population are enrolled in CTE, but I still have a gap for that subgroup.

The analysis compares the schoolwide population to the CTE population, so if one subgroup accounts for some percentage of the schoolwide population, the target percentage of students in CTE for that same subgroup would be the same percentage.
 Say you have 100 students, 10 of which are classified as English Learners – 10% of the school population are English Learners. Say you have 50 students enrolled in CTE, but all 10 English Learners are enrolled in CTE. This would mean that 20% of your CTE population are English Learners, an *over-representation* of 10% (10% schoolwide – 20% in CTE = -10 pp).

Example

Page 1

Enrollment for entire school, including CTE students

	Total	Gender	
Source: student enrollment/membership reported to ADE; student count is deduplicated	Total	Female	Male
	500	260	240

260 ÷ 500 = 52%

Enrollment in all CTE Programs

	Total	Gender	
Source: student enrollment reported to ADE through the CTE Data Portal; student count is deduplicated	Total	Female	Male
	300	180	120

180 ÷ 300 = 60%

Enrollment by CTE Program

	Total	Gender	
Source: student enrollment reported to ADE through the CTE Data Portal, students may be counted more than once if enrolled in multiple programs	Program Total	Female	Male
Agriscience	248	168	80
Air Transportation	150	30	120

Page 1 shows:
500 total students in this school
(52% female, 48% male as seen on page 2)
300 students in CTE
(60% female, 40% male as see on page 2)

Page 2

Enrollment for entire school, including CTE students

	Gender		R
...hip reported to ...deduplicated	Female	Male	
	52.0%	48.0%	

Page 1 shows that 180 CTE students are female and 120 are male. Page 2 shows that this is 60% and 40%, respectively.

Enrollment in all CTE Programs

	Gender		R
...llment reported ...TE Data Portal; ...uplicated	Female	Male	
	60.0%	40.0%	

Percentage of Enrollment by CTE Program

	Gender		R
Source: student enrollment reported to ADE through the CTE Data Portal, students may be counted more than once if enrolled in multiple programs	Female	Male	
Agriscience	67.7%	32.3%	
Air Transportation	20.0%	80.0%	

Page 3

Enrollment for entire school, including CTE students

	Gender		R
...membership reported to ...ount is deduplicated	Female	Male	
	52.0%	48.0%	

Enrollment in all CTE Programs

	Gender		R
Source: student enrollment reported to ADE through the CTE Data Portal; student count is deduplicated	Female	Male	
	8.0	-8.0	

60% - 52% = 8pp

Difference in Enrollment by CTE Program

		Orange = Unde...
	Gender	R

	Female	Male
Source: student enrollment reported to ADE through the CTE Data Portal, students may be counted more than once if enrolled in multiple programs		
Agriscience	15.7	-15.7
Air Transportation	-32.0	32.0

Pages 2 and 3 show that the schoolwide percentage of female students is 52% and that the percentage of female students in CTE is 60%.

Page 3 shows that the difference is 8 percentage points. Schoolwide percentage of male students is 48% and the percentage of male students in CTE is 40%; the difference between schoolwide and CTE is -8 percentage points.

For agriscience, the 67.7% of female students in the program is 15.7 percentage points *higher* than the school's 52% of female students and the 32.3% of male students is 15.7 percentage points *lower* than the school's 48% of male students.