

INDICATOR 7 CALCULATION EXPLANATION

For the purposes of this explanation, nine students (identified as A-F) will be used in this example to demonstrate how the numerator and denominator are calculated.

Below each student is listed along with the years they were reported in TCS by a particular district. The first row indicates if the student has earned five or more credits in the given district.

	5+ Credits	Y	N	?	N	Y	?	Y	Y	N
2018-19	8th Grade	A	B	C	D	E	F			
2019-20	9th Grade	A	B		D	E		G	H	I

How to calculate the denominator:

- Students A, B, D, and E each count twice because they were in the district for both 8th grade and 9th grade.
- Students G, H, and I each count once because they were in the district for 9th grade only.
- Students C and F will count once because they were in the district for 8th grade only, **unless**
 - the student is not in 9th grade during the 2019-20 school year (if they repeated 8th grade, for example) or
 - the student exited the CT public school system (moved out of state, for example).

In each of these cases, the student *would not be counted in either the numerator or denominator*.

NOTE: In this example, Student C moved to a different CT school district, so they would be included, and Student F moved to a different state, so they would not be included. Therefore, the denominator would be 12 (5 from 8th grade and 7 from 9th grade).

	5+ Credits	Y	N	?	N	Y	?	Y	Y	N	Total
2018-19	8th Grade	A	B	C	D	E	F				5
2019-20	9th Grade	A	B		D	E		G	H	I	7
Denominator											12

How to calculate the numerator:

- The numerator is based on the 9th grade performance of all students in the denominator (including those who moved to a different CT public school district).
- Similar to the denominator, students who were in the district for both 8th and 9th grade will count twice, while students who were in the district for 8th grade only or 9th grade only will only count once.

NOTE: In this example, Student C would be included (moved to another CT school district), but not Student F (moved out of state). If Student C was highly successful in their new district and they earn at least 5 credits during their 9th grade year they will contribute to the numerator.

	5+ Credits	Y	N	Y	N	Y	?	Y	Y	N	Denominator	Numerator
2018-19	8th Grade	A	B	C	D	E	F				5	3
2019-20	9th Grade	A	B		D	E		G	H	I	7	4
District Score: 7/12 = 58.3%											12	7