

CHSS Data from Partner Schools for 2020-21 School Year

We compared 9th Grade On-Track rates for students that attended 4x4 schools against 9th Grade On-Track rates for students that attended non-4x4 schools. We found that students in 4x4 Schools had higher average 9th Grade On-Track rates regardless of ELL status, Special Education status or Socioeconomic status.

<i>9th Grade On-Track Rates in 4x4 (or similar) Schools vs 9th Grade On-Track Rates at Non-4x4 Schools</i>			
Comparison Groups	4x4 (or similar) Schools	Non 4x4 Schools	Delta
<i>All Students</i>	74%	63%	11 percentage points
<i>ELL Students</i>	66%	45%	22 percentage points
<i>Special Ed</i>	70%	55%	15 percentage points
<i>Economically Disadvantaged Students</i>	75%	55%	20 percentage points

We found similar performance advantages favoring 4x4 schools when we compared attendance and GPA between 4x4 and non-4x4 schools.

<i>Comparing Attendance and GPA between 4x4 (or similar) Schools and Non-4x4 Schools</i>			
KPI	4x4 (or similar) Schools	Non 4x4 Schools	Delta
<i>Percent of students with $\geq 91\%$ Attendance</i>	66%	63%	3 percentage points
<i>Percentage of students with a ≥ 3.0 GPA</i>	43%	39%	4 percentage points

The performance advantages of 4x4 schools persisted even when comparing like schools with similar proportions of economically disadvantaged students.

Combined Average Difference in FOT Rates By Like Schools	
Like School Group	Difference in baseline combined average FOT rate (favouring 4x4 schools)
<25% Eco Dis	6

25-50% Eco Dis	20
50-65% Eco Dis	9
65-75% Eco Dis	8
75-85% Eco Dis	7
85-95% Eco Dis	5

Mean and median 9OT rates were consistently higher at 4x4 schools showing that most 4x4 schools were clustered higher on the 9OT performance curve than non-4x4 schools.

Comparing 9th Grade On-Track Rates Between Schools where 25-50% of Students Identify As Economically Disadvantaged			
Type of School	Mean	Median	Stdv
4x4 or Similar Schools	85%	88%	6
Non 4x4 Schools	65%	65%	16
Delta	20	23	10

Comparing 9th Grade On-Track Rates Between Schools where 50-65% of Students Identify As Economically Disadvantaged			
Type of School	Mean	Median	Stdv
4x4 or Similar Schools	69%	70%	12
Non 4x4 Schools	60%	66%	17
Delta	9	4	5

Combined Average Difference in FOT Rates By Like Schools	
Like School Group	Difference in baseline combined average FOT rate (favouring 4x4 schools)
<25% Eco Dis	6
25-50% Eco Dis	20
50-65% Eco Dis	9
65-75% Eco Dis	8

75-85% Eco Dis		7
85-95% Eco Dis		5