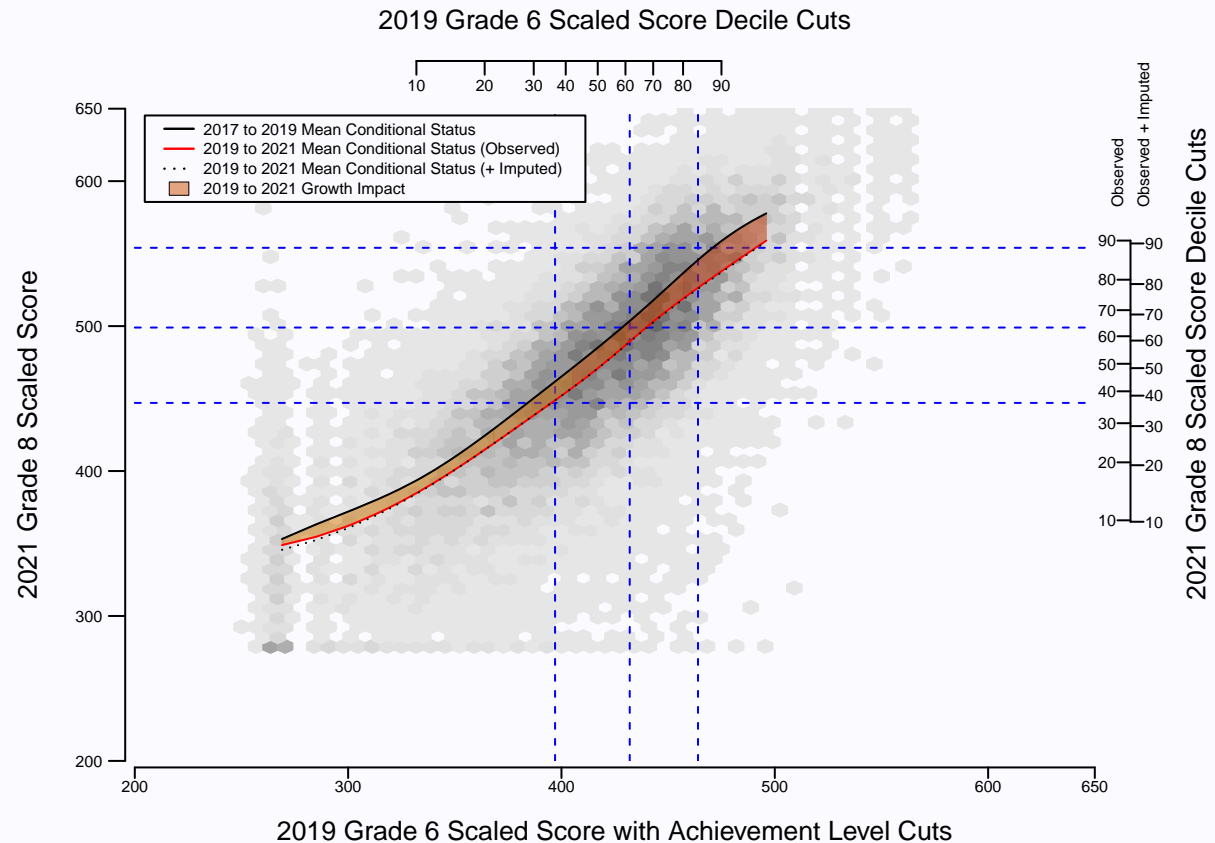


Demonstration 2019 to 2021 COVID-19 Academic Impact

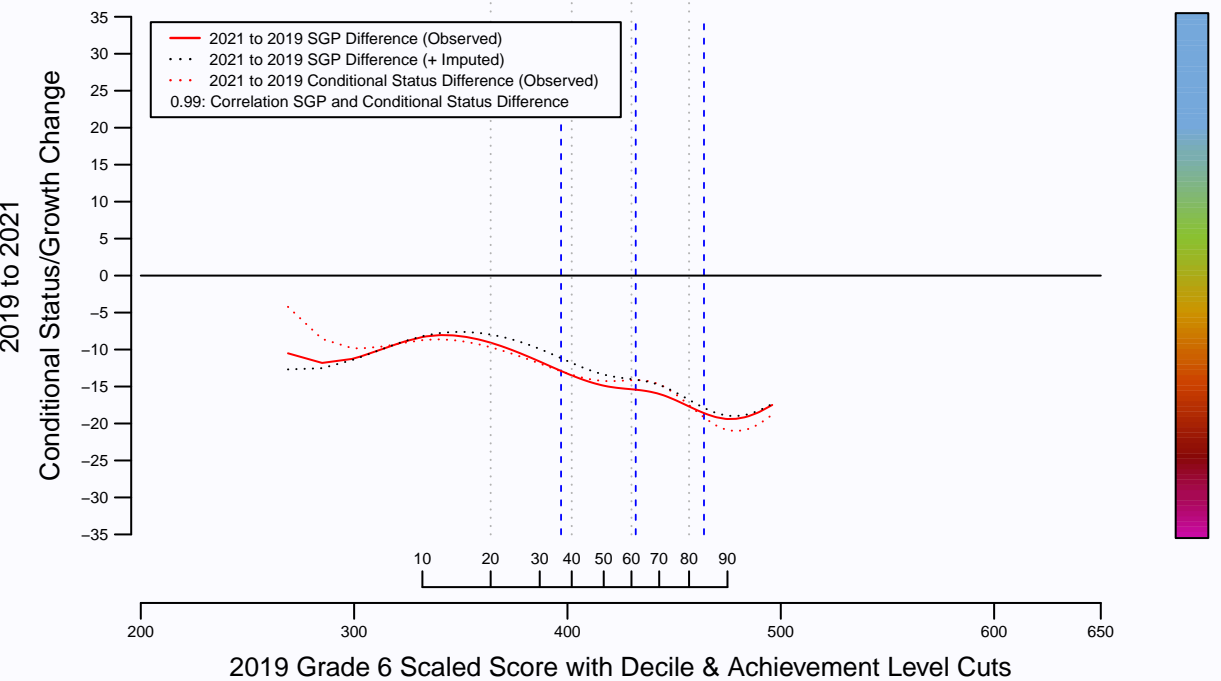
DEMO Mathematics Grade 8
All Students

Growth: Grade 6 2019 to Grade 8 2021

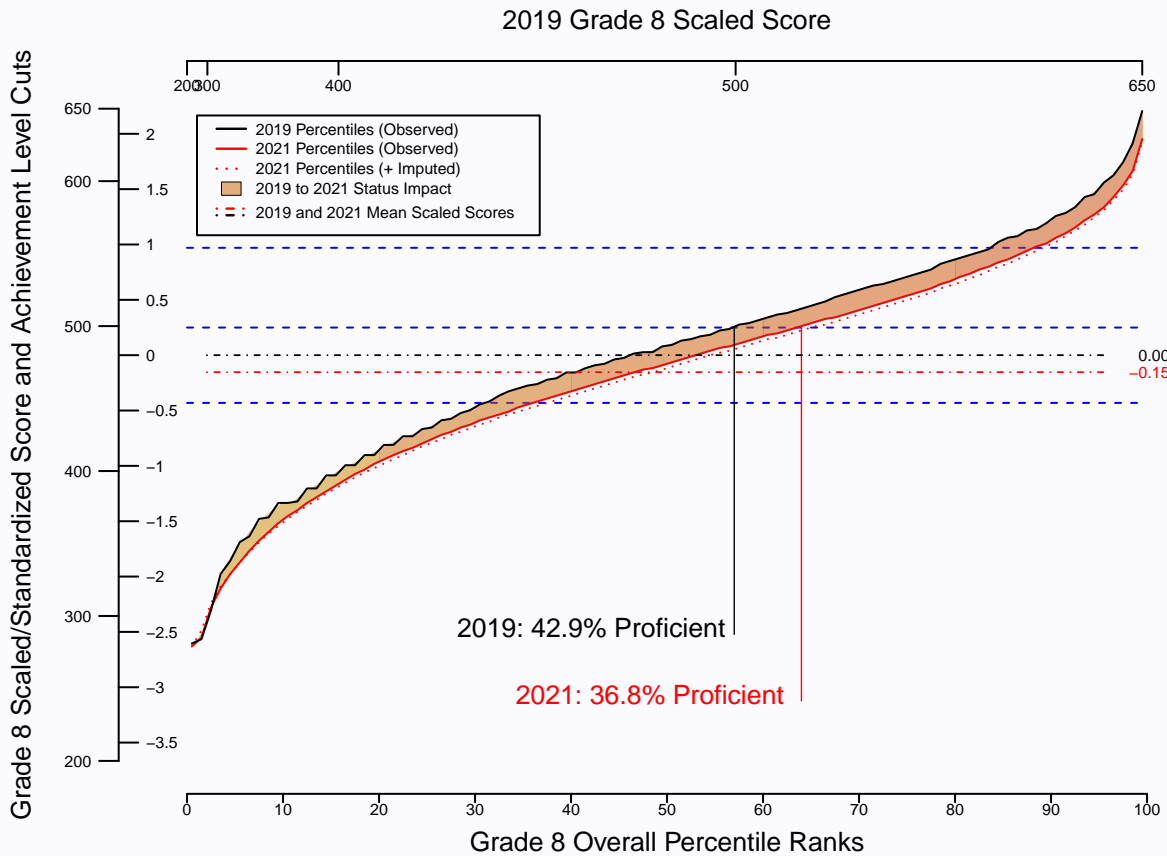


2019 & 2021 Grade 8 Median SGPs by Quintile

	Q1	Q2	Q3	Q4	Q5	Overall
2019 Grade 8 Students	50.0	50.0	50.0	50.0	50.0	50.0
2021 Grade 8 Students	41.0	39.0	35.0	34.0	32.0	36.0
Academic Impact (Observed)	-9.0	-11.0	-15.0	-16.0	-18.0	-14.0
Academic Impact (+ Imputed)	-9.0	-10.0	-13.0	-15.0	-17.1	-13.0
Count Observed 2019	7,941	7,801	8,119	7,291	7,416	38,568
Count Observed 2021	7,190	7,268	7,398	7,157	7,502	36,515

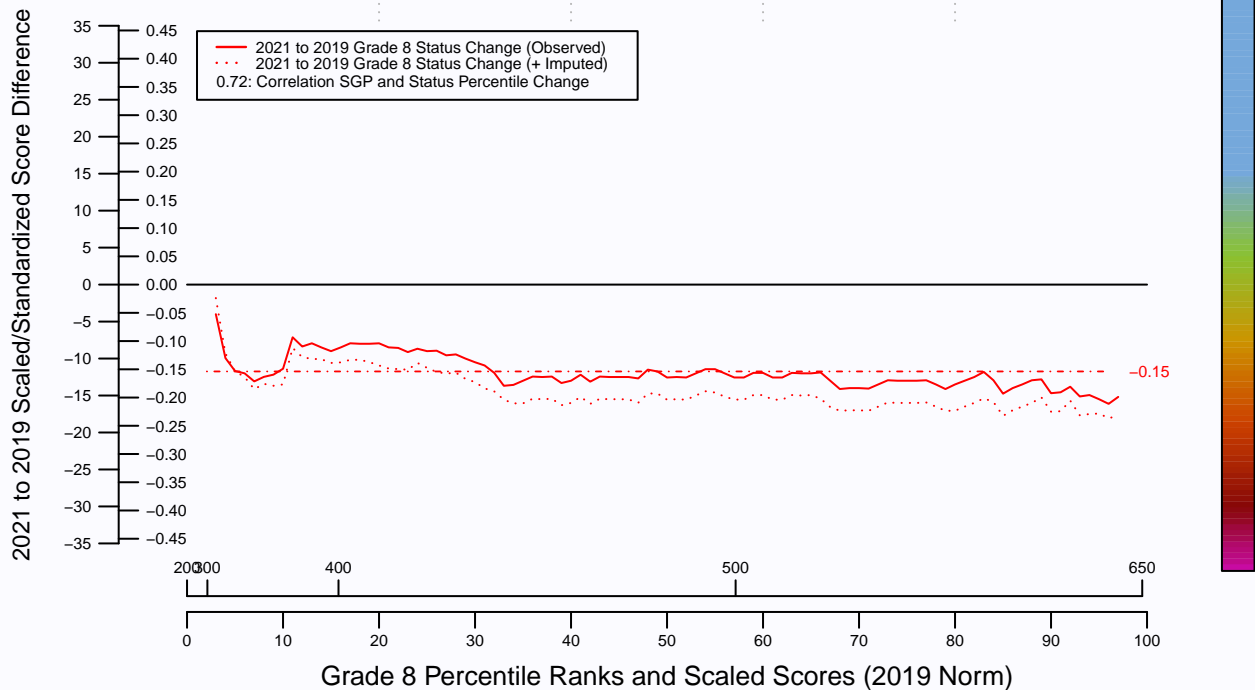


Status: Grade 8 2019 to Grade 8 2021



2019 & 2021 Grade 8 Mean Scaled (Standardized) Scores by Quintile

	Q1	Q2	Q3	Q4	Q5	Overall
2019 Grade 8 Students	365 (-1.51)	443 (-0.49)	486 (0.08)	525 (0.59)	580 (1.31)	480 (0.00)
2021 Grade 8 Students	358 (-1.60)	433 (-0.62)	474 (-0.07)	511 (0.41)	565 (1.12)	468 (-0.15)
Change (Observed)	-7 (-0.09)	-10 (-0.13)	-12 (-0.15)	-13 (-0.18)	-15 (-0.19)	-12 (-0.15)
Change (+ Imputed)	-6 (1.17)	-10 (1.01)	-12 (0.92)	-14 (0.84)	-15 (0.74)	-14 (-0.19)
Count Observed 2019	9,086	9,019	9,483	9,272	9,071	45,931
Count Observed 2021	8,313	8,262	8,083	8,325	8,217	41,200



Summary

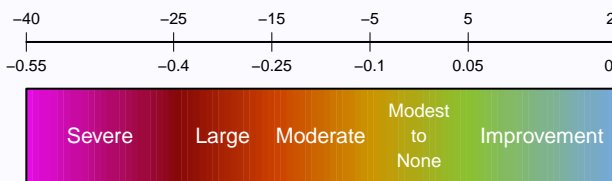
Academic Impact: Overall and by Quintile

Overall				
Moderate				
Q1	Q2	Q3	Q4	Q5
Moderate	Moderate	Moderate	Large	Large

Participation

	Total	Status	Growth
2019	45,931	45,931 (100.0%)	38,568 (84.0%)
2021	47,579	41,200 (86.6%)	36,515 (76.7%)

Growth/Status Change Legend



Calculations suppressed
due to small group N (< 50)