

# Demonstration 2019 to 2021 COVID-19 Academic Impact

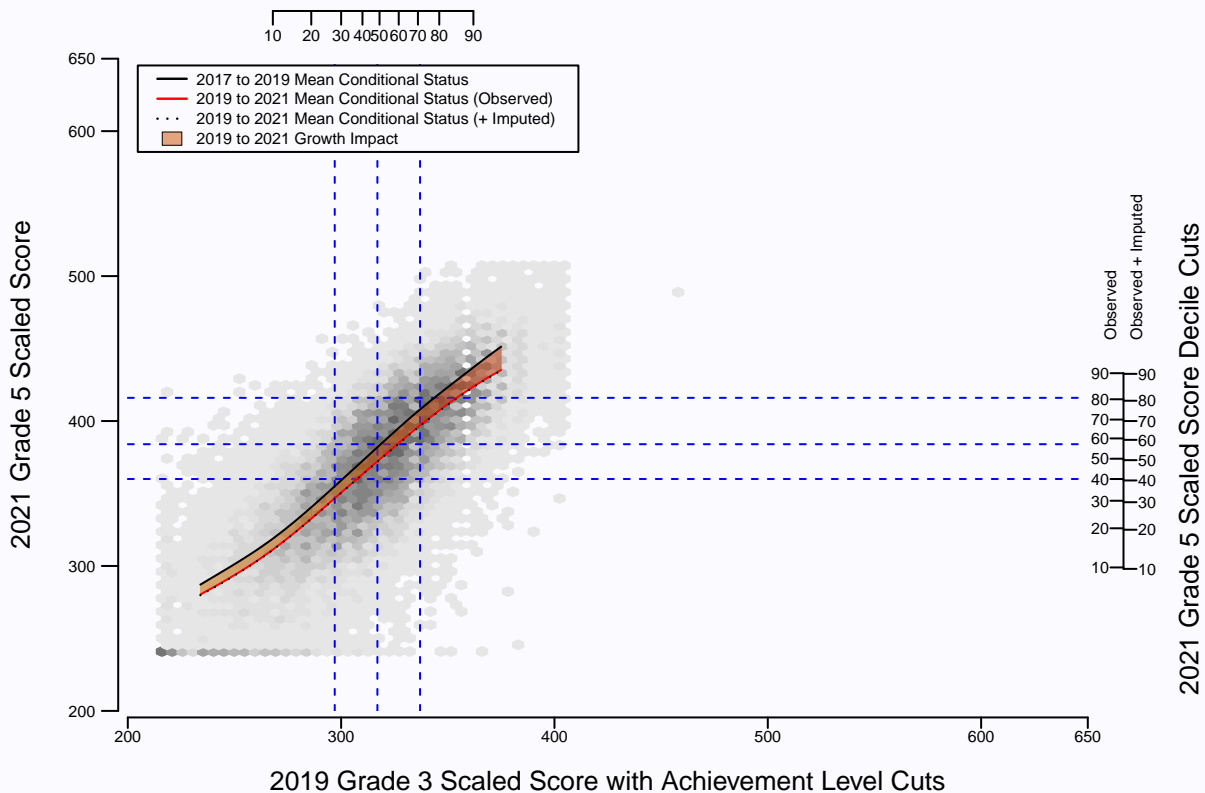
DEMO Mathematics Grade 5  
All Students

Growth: Grade 3 2019 to Grade 5 2021

Status: Grade 5 2019 to Grade 5 2021

Summary

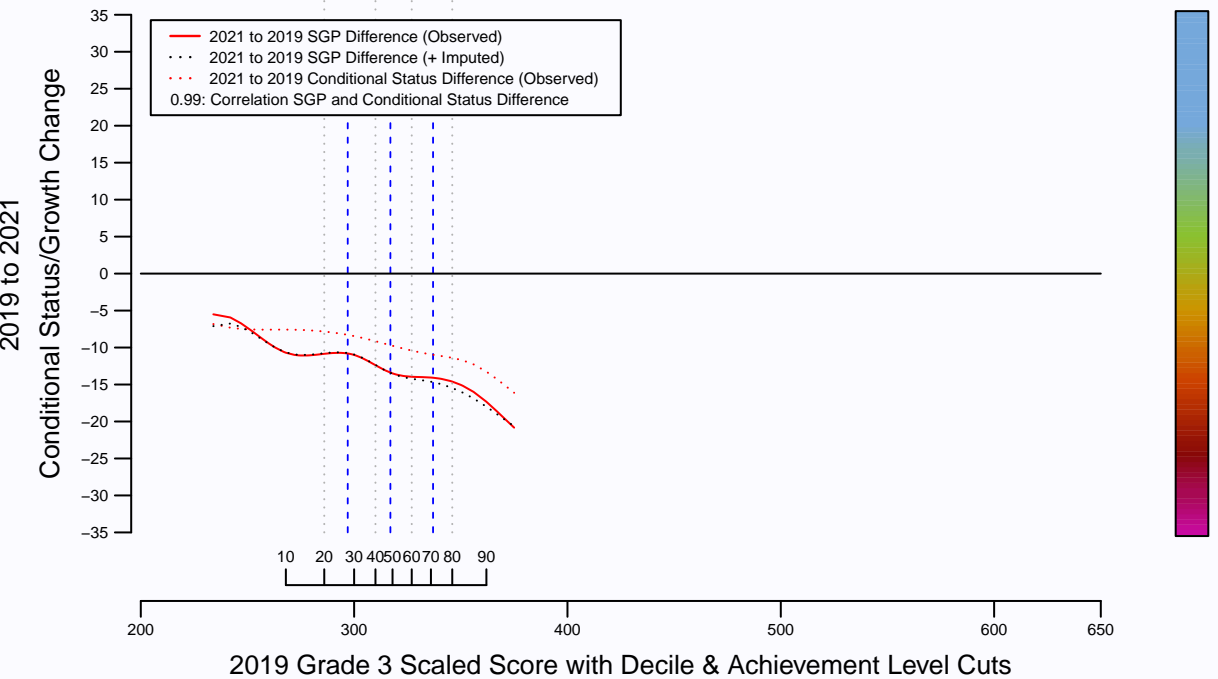
2019 Grade 3 Scaled Score Decile Cuts



2019 Grade 3 Scaled Score with Achievement Level Cuts

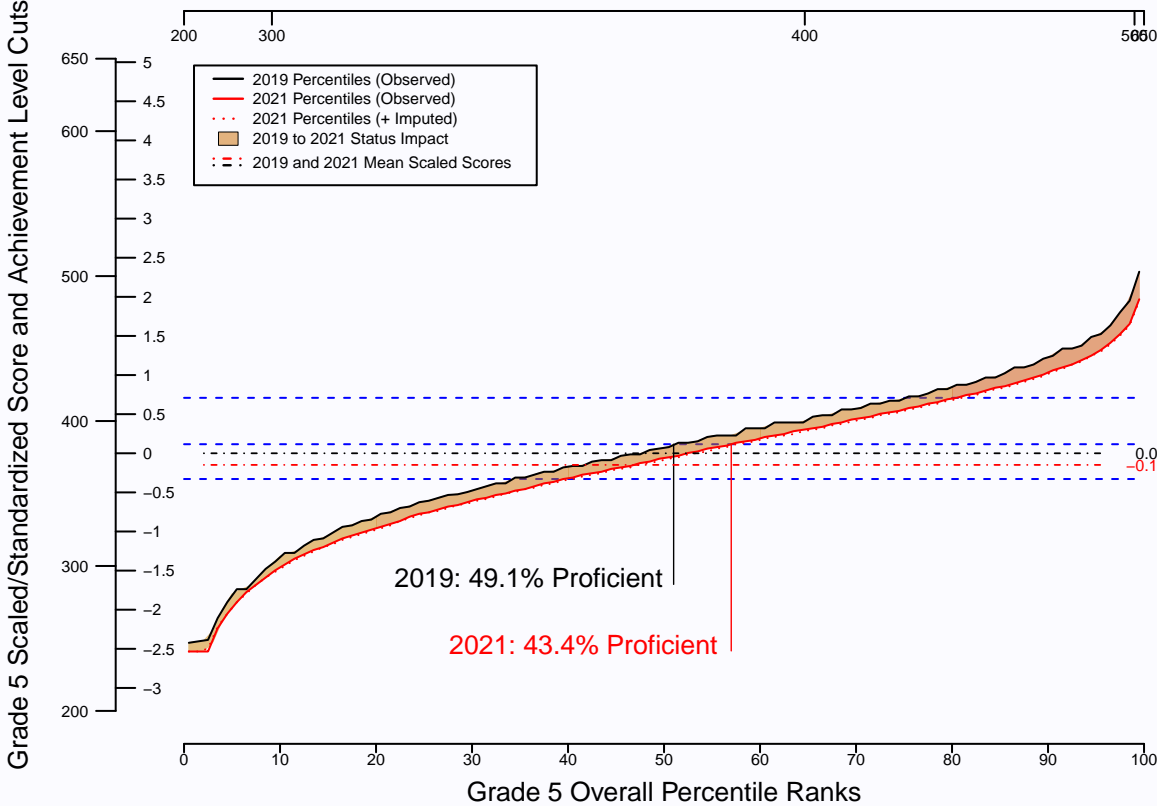
2019 & 2021 Grade 5 Median SGPs by Quintile

	Q1	Q2	Q3	Q4	Q5	Overall
2019 Grade 5 Students	50.0	50.0	50.0	50.0	49.0	50.0
2021 Grade 5 Students	40.0	39.0	37.0	36.0	32.0	37.0
Academic Impact (Observed)	-10.0	-11.0	-13.0	-14.0	-17.0	-13
Academic Impact (+ Imputed)	-10.0	-11.0	-13.3	-14.0	-17.0	-13.0
Count Observed 2019	9,116	9,083	8,759	9,247	9,206	45,527
Count Observed 2021	7,975	7,527	7,805	8,246	8,524	40,077



2019 Grade 3 Scaled Score with Decile & Achievement Level Cuts

2019 Grade 5 Scaled Score

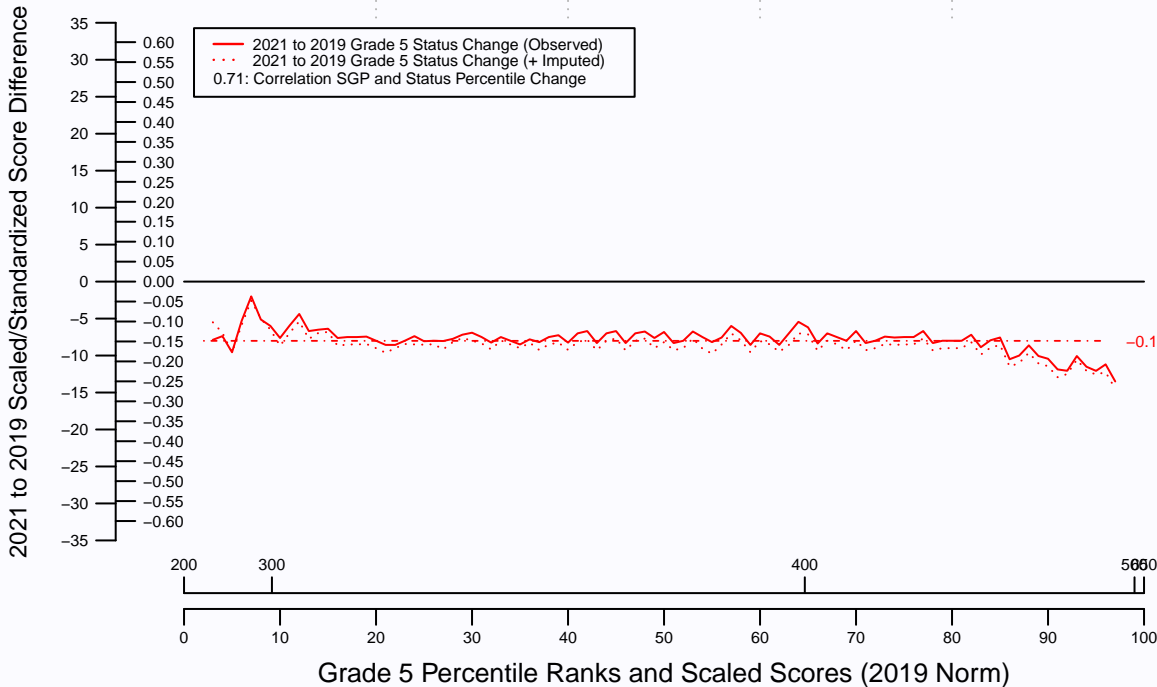


2019: 49.1% Proficient

2021: 43.4% Proficient

2019 & 2021 Grade 5 Mean Scaled (Standardized) Scores by Quintile

	Q1	Q2	Q3	Q4	Q5	Overall
2019 Grade 5 Students	298 (-1.48)	353 (-0.46)	383 (0.09)	410 (0.59)	448 (1.31)	378 (0.00)
2021 Grade 5 Students	291 (-1.60)	345 (-0.61)	374 (-0.07)	401 (0.43)	438 (1.11)	370 (-0.15)
Change (Observed)	-6 (-0.12)	-8 (-0.15)	-9 (-0.16)	-8 (-0.16)	-11 (-0.20)	-8 (-0.15)
Change (+ Imputed)	-6 (0.37)	-8 (-0.04)	-9 (-0.25)	-8 (-0.44)	-11 (-0.74)	-9 (-0.16)
Count Observed 2019	10,269	10,155	10,513	9,519	10,143	50,599
Count Observed 2021	8,693	8,549	8,367	8,786	8,568	42,963



Grade 5 Percentile Ranks and Scaled Scores (2019 Norm)

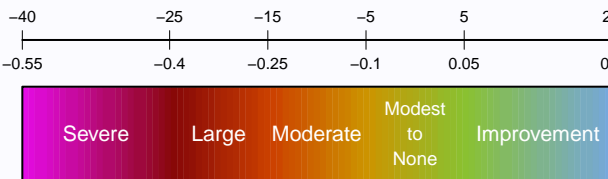
Academic Impact: Overall and by Quintile

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

Participation

	Total	Status	Growth
2019	50,599	50,599 (100.0%)	45,527 (90.0%)
2021	47,190	42,963 (91.0%)	40,077 (84.9%)

Growth/Status Change Legend



Calculations suppressed  
due to small group N (< 50)