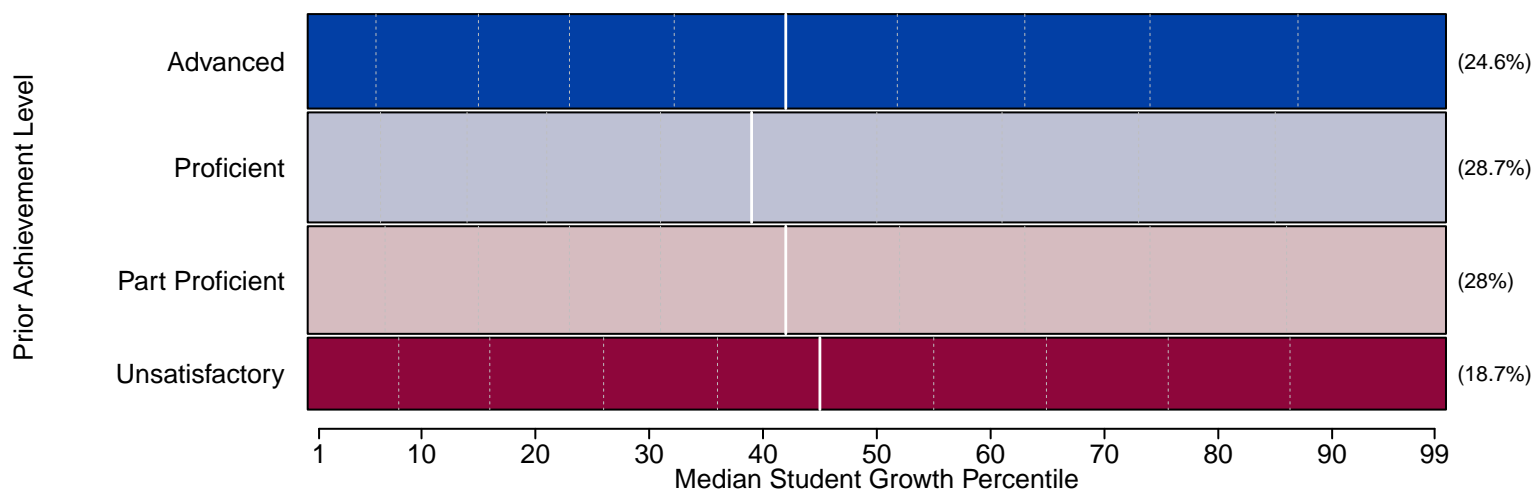


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP, Grade 9 (N = 4,101)

SGP Deciles by Prior Achievement Level (Mathematics)



Ceiling / Floor Effects Test

		Student Growth Percentile Range												
		1 to 5	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 to 94	95 to 99	
Current Observed Score Extremes (Range)	Lowest OSS:	[340]	73.1	23.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 26
		(340,383]	54.2	12.5	16.7	8.3	0.0	8.3	0.0	0.0	0.0	0.0	0.0	N = 24
	Highest OSS:	[721,739]	0.0	0.0	0.0	4.3	0.0	4.3	8.7	17.4	21.7	17.4	13.0	N = 23
		[739,789]	3.7	0.0	0.0	3.7	3.7	3.7	14.8	14.8	3.7	14.8	11.1	25.9

Student Growth Percentile Range

Prior Scale Score Decile/Range*	Student Growth Percentile Range										
	1 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 to 99	
1st/[310,493]	13.83	10.86	9.38	8.64	8.64	11.11	9.14	10.12	10.37	7.90	(9.9%)
2nd/[493,524]	10.59	13.05	10.10	12.07	12.56	9.85	10.10	7.88	7.64	6.16	(9.9%)
3rd/[524,546]	11.74	13.20	14.18	11.00	7.82	9.78	7.58	8.07	5.62	11.00	(10%)
4th/[546,565]	15.24	9.52	11.43	9.76	12.14	7.62	9.52	7.86	9.76	7.14	(10.2%)
5th/[565,581]	17.85	10.50	12.60	8.92	8.66	11.29	9.71	8.92	6.56	4.99	(9.3%)
6th/[581,599]	10.57	16.55	10.34	11.03	10.11	9.89	8.74	7.13	8.74	6.90	(10.6%)
7th/[599,617]	15.93	13.24	9.80	12.75	6.62	7.84	9.07	9.80	8.09	6.86	(9.9%)
8th/[617,639]	14.63	9.27	13.90	11.22	13.41	9.27	8.54	7.56	4.39	7.80	(10%)
9th/[639,667]	14.77	13.08	9.93	8.96	10.17	8.72	9.20	7.51	10.41	7.26	(10.1%)
10th/[667,871]	13.29	12.32	8.70	12.32	9.66	9.66	8.45	9.42	8.70	7.49	(10.1%)

*Prior score deciles can be uneven depending upon the prior score distribution

QQ-Plot: Student Growth Percentiles

