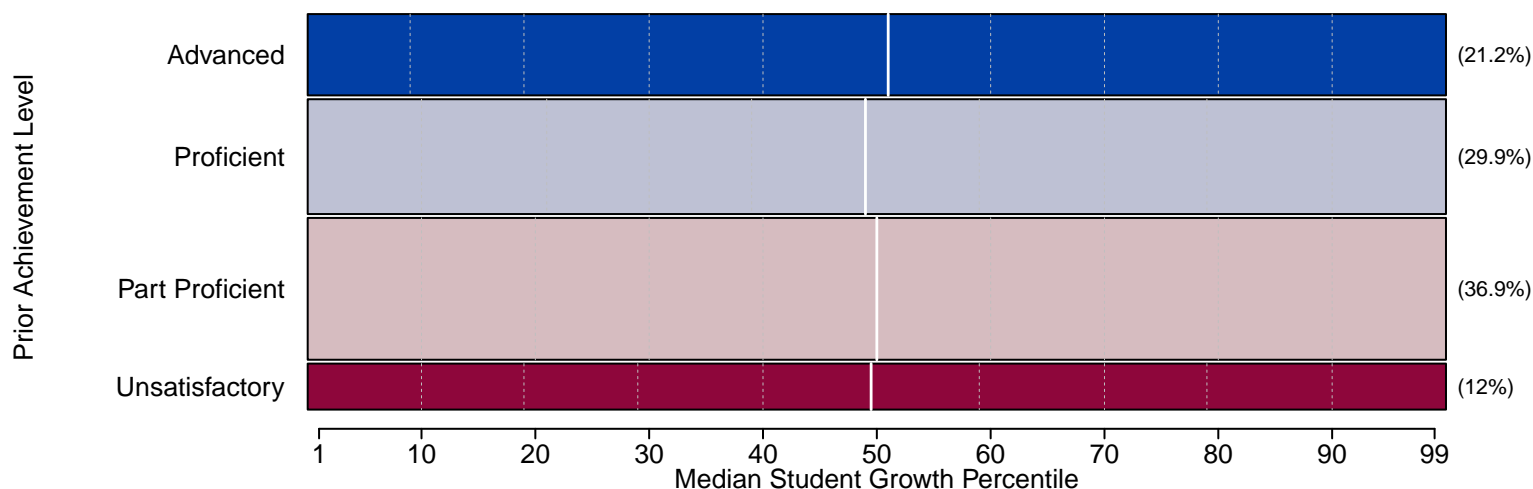


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP, Grade 8 (N = 4,123)

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:	[310,421]	53.8	15.4	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 26
		[421,445]	33.3	18.5	14.8	18.5	14.8	0.0	0.0	0.0	0.0	0.0	0.0	N = 27
	Highest OSS:	[696,707]	3.8	0.0	3.8	0.0	3.8	7.7	0.0	15.4	11.5	7.7	11.5	N = 26
		[707,890]	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	10.3	20.7	24.1	N = 29

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/[280,479]	9.73	11.19	10.22	9.73	9.98	9.98	9.25	9.73	9.73	10.46	(10%)
2nd/[479,506]	8.33	8.84	9.34	10.61	9.85	10.35	11.62	10.10	9.85	11.11	(9.6%)
3rd/[506,525]	10.86	10.12	11.11	10.12	9.88	9.14	9.63	8.89	10.86	9.38	(9.8%)
4th/[525,544]	9.39	8.69	9.62	9.39	10.56	10.56	9.15	11.97	9.86	10.80	(10.3%)
5th/[544,560]	8.74	13.35	8.01	8.74	10.19	10.44	10.68	9.71	9.47	10.68	(10%)
6th/[560,577]	9.57	8.37	11.24	11.72	9.81	10.05	10.05	10.53	9.57	9.09	(10.1%)
7th/[577,595]	11.63	8.91	9.65	8.66	8.91	9.65	10.89	8.42	11.39	11.88	(9.8%)
8th/[595,616]	7.00	10.87	11.84	11.84	11.35	9.18	8.21	11.59	8.70	9.42	(10%)
9th/[616,645]	11.06	9.86	8.17	10.58	8.89	10.10	10.34	9.86	10.34	10.82	(10.1%)
10th/[645,817]	9.50	10.21	10.45	8.79	10.69	10.45	10.21	9.74	9.74	10.21	(10.2%)

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

QQ-Plot: Student Growth Percentiles

