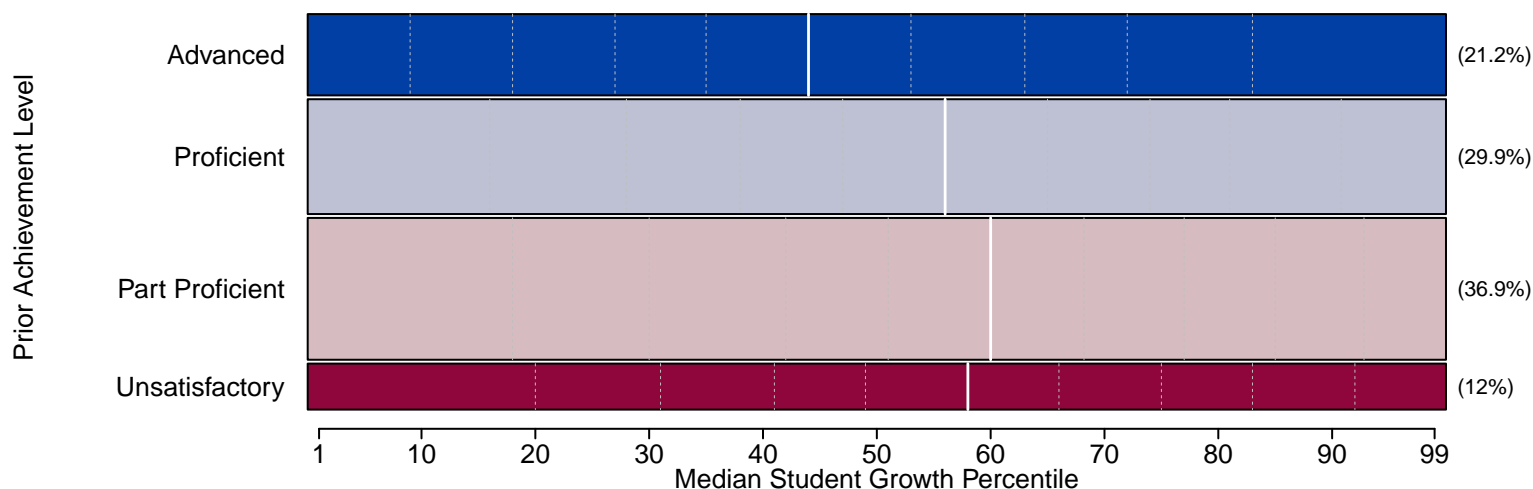


Student Growth Percentile Goodness-of-Fit Descriptives

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]	30.8	11.5	23.1	19.2	0.0	7.7	7.7	0.0	0.0	0.0	0.0	N = 26	
		[421,445]	7.4	3.7	37.0	22.2	22.2	7.4	0.0	0.0	0.0	0.0	0.0	N = 27	
	Highest OSS:	[696,707]	7.7	3.8	3.8	3.8	7.7	19.2	7.7	0.0	7.7	23.1	3.8	N = 26	
		[707,890]	0.0	0.0	0.0	6.9	3.4	3.4	6.9	17.2	10.3	31.0	10.3	N = 29	

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		
Prior Scale Score Decile/Range*	1st/[280,479]	3.89	7.06	8.03	10.95	11.92	10.95	11.19	10.71	12.41	12.90	(10%)	
	2nd/[479,506]	3.54	5.30	7.83	7.58	8.59	13.89	12.88	11.36	13.89	15.15	(9.6%)	
	3rd/[506,525]	4.69	10.12	6.67	8.89	10.86	10.62	11.36	10.62	12.84	13.33	(9.8%)	
	4th/[525,544]	4.46	5.16	8.69	8.92	10.09	12.21	12.91	13.15	9.39	15.02	(10.3%)	
	5th/[544,560]	3.64	7.28	8.01	8.25	9.47	12.62	10.92	12.38	13.11	14.32	(10%)	
	6th/[560,577]	3.83	7.89	6.46	11.24	10.77	12.68	11.96	11.72	12.68	10.77	(10.1%)	
	7th/[577,595]	6.19	8.17	6.68	9.65	10.64	10.64	11.63	11.63	11.88	12.87	(9.8%)	
	8th/[595,616]	4.83	9.42	11.59	10.63	11.11	11.11	10.63	11.59	9.66	9.42	(10%)	
	9th/[616,645]	11.06	7.69	12.26	11.06	10.58	9.86	10.34	10.58	8.65	7.93	(10.1%)	
	10th/[645,817]	11.40	14.01	11.16	13.06	10.45	12.11	11.16	7.36	6.41	2.85	(10.2%)	

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

QQ-Plot: Student Growth Percentiles

