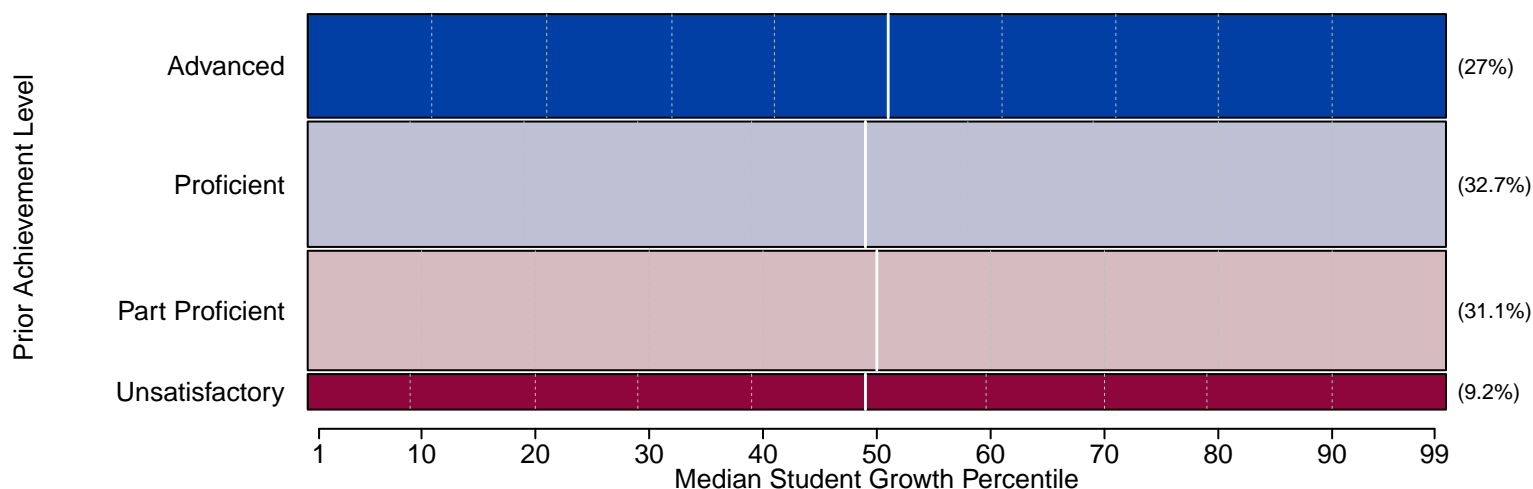


Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP, Grade 8 (N = 4,076)

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:	[310,361]	64.0	12.0	12.0	8.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25	
		[361,398]	34.6	7.7	23.1	19.2	7.7	3.8	3.8	0.0	0.0	0.0	0.0	N = 26	
	Highest OSS:	[735,754]	0.0	0.0	0.0	4.0	8.0	4.0	0.0	12.0	16.0	32.0	12.0	N = 25	
		[754,871]	0.0	0.0	0.0	0.0	8.0	4.0	12.0	4.0	8.0	8.0	16.0	40.0	N = 25

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/[280,489]	10.78	9.52	10.53	9.77	9.27	9.27	8.77	11.78	9.52	10.78	(9.8%)	
	2nd/[489,519]	9.25	9.25	9.00	8.76	10.46	10.46	10.95	8.76	12.17	10.95	(10.1%)	
	3rd/[519,539]	11.93	10.91	10.91	9.14	10.15	10.15	9.90	9.39	8.38	9.14	(9.7%)	
	4th/[539,557]	8.61	9.11	10.13	10.89	10.63	9.87	10.63	9.87	7.85	12.41	(9.7%)	
	5th/[557,575]	8.84	8.60	9.30	10.47	9.77	11.40	9.53	10.23	12.09	9.77	(10.5%)	
	6th/[575,592]	8.17	11.06	8.65	12.50	11.54	10.82	8.17	9.13	9.62	10.34	(10.2%)	
	7th/[592,608]	12.66	9.43	12.41	8.93	7.44	10.42	9.68	9.43	9.43	10.17	(9.9%)	
	8th/[608,627]	10.05	10.57	9.28	11.34	10.31	10.31	8.51	8.51	8.25	12.89	(9.5%)	
	9th/[627,652]	8.75	9.22	8.51	9.69	12.53	9.46	10.40	10.64	11.58	9.22	(10.4%)	
	10th/[652,860]	10.07	8.39	10.07	11.99	7.43	9.59	10.79	11.99	10.55	9.11	(10.2%)	

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

QQ-Plot: Student Growth Percentiles

