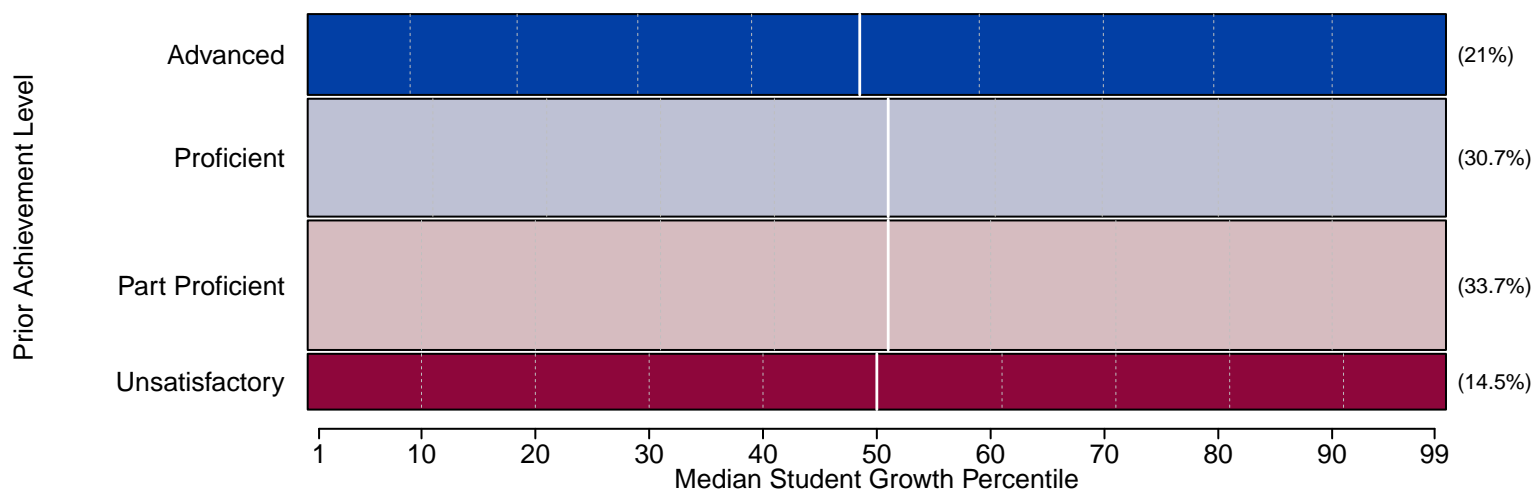


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP, Grade 8 (N = 4,219)

## 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:	[310,385]	60.0	12.0	12.0	12.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	N = 25
		[385,416]	28.0	4.0	24.0	12.0	24.0	4.0	0.0	0.0	4.0	0.0	0.0	N = 25
	Highest OSS:	[696,706]	0.0	0.0	0.0	0.0	0.0	0.0	4.8	4.8	28.6	14.3	28.6	N = 21
		[706,791]	3.3	0.0	0.0	0.0	3.3	6.7	0.0	3.3	3.3	23.3	20.0	36.7

## 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/[280,467]	8.96	10.65	10.41	8.72	10.90	9.20	11.14	9.69	9.69	10.65	(9.8%)
2nd/[467,502]	9.72	8.29	9.24	11.14	9.95	9.24	9.72	10.19	12.09	10.43	(10%)
3rd/[502,526]	8.55	9.98	10.69	8.08	10.21	13.54	9.98	9.98	8.79	10.21	(10%)
4th/[526,544]	10.42	9.95	8.10	11.34	11.34	8.56	9.95	9.49	9.49	11.34	(10.2%)
5th/[544,561]	10.17	9.43	10.17	9.43	8.93	9.43	9.68	9.18	11.17	12.41	(9.6%)
6th/[561,577]	9.00	9.72	9.95	10.66	10.19	9.72	9.00	9.72	12.09	9.95	(10%)
7th/[577,595]	9.59	9.36	9.82	8.45	9.13	11.19	10.50	10.73	9.13	12.10	(10.4%)
8th/[595,616]	9.07	11.46	9.79	10.50	9.31	10.26	12.89	9.31	8.35	9.07	(9.9%)
9th/[616,643]	9.60	9.84	10.54	9.13	10.54	8.43	8.90	11.24	9.37	12.41	(10.1%)
10th/[643,860]	11.14	9.72	10.90	9.72	10.90	9.95	10.19	8.53	10.43	8.53	(10%)

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

## QQ-Plot: Student Growth Percentiles

