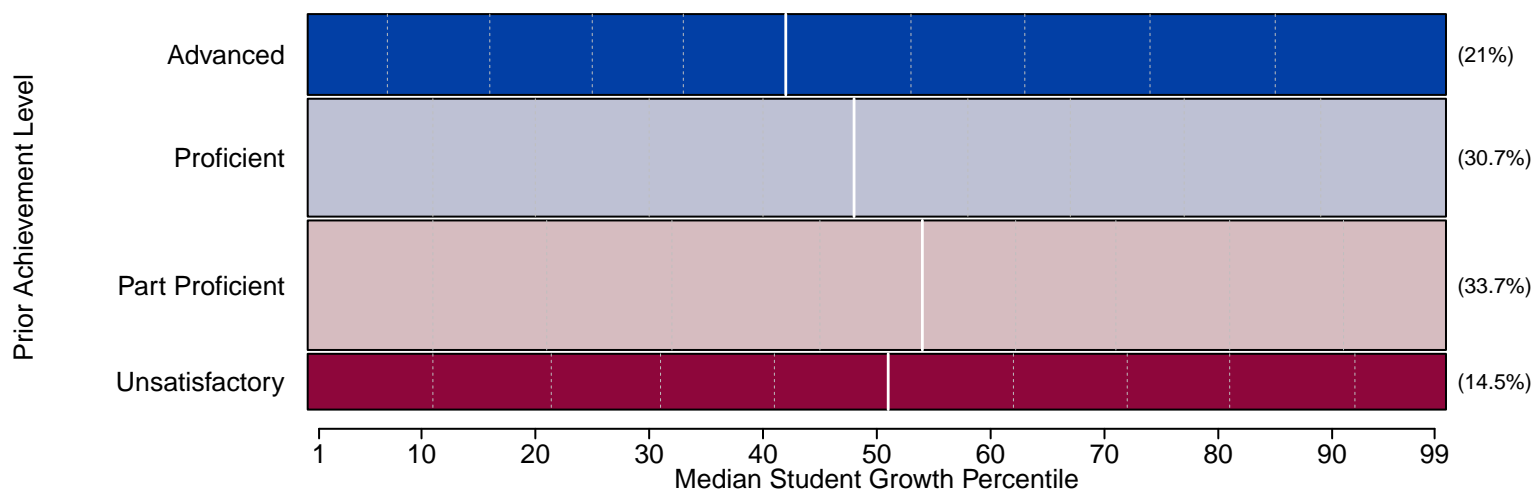


# Student Growth Percentile Goodness-of-Fit Descriptives

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]	44.0	24.0	16.0	12.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	N = 25
		[385,416]	20.0	12.0	8.0	24.0	28.0	0.0	4.0	4.0	0.0	0.0	0.0	N = 25
	Highest OSS:	[696,706]	0.0	0.0	0.0	0.0	4.8	4.8	14.3	19.0	4.8	33.3	9.5	N = 21
		[706,791]	0.0	0.0	3.3	6.7	6.7	3.3	0.0	3.3	13.3	20.0	20.0	N = 30

## 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]	8.23	8.96	11.62	9.93	10.65	11.14	10.17	9.93	8.47	10.90	(9.8%)
2nd/[467,502]	8.06	9.00	8.06	9.95	9.24	8.53	10.66	10.90	12.32	13.27	(10%)
3rd/[502,526]	7.60	9.74	8.31	9.03	8.55	11.64	12.83	12.11	9.03	11.16	(10%)
4th/[526,544]	9.72	8.80	8.56	9.26	11.57	9.72	13.43	9.03	7.87	12.04	(10.2%)
5th/[544,561]	7.94	11.66	10.67	6.95	11.17	10.67	7.69	10.42	9.68	13.15	(9.6%)
6th/[561,577]	8.77	9.72	11.14	10.43	13.98	6.64	11.14	8.77	10.43	9.00	(10%)
7th/[577,595]	10.05	9.59	9.82	9.59	11.42	10.50	10.73	9.36	7.76	11.19	(10.4%)
8th/[595,616]	8.35	10.98	11.93	10.26	11.93	9.31	12.65	10.02	8.35	6.21	(9.9%)
9th/[616,643]	9.84	11.01	11.94	9.84	9.60	9.37	8.43	10.77	12.18	7.03	(10.1%)
10th/[643,860]	15.17	11.85	10.90	14.22	9.95	9.00	9.48	7.58	7.82	4.03	(10%)

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

## QQ-Plot: Student Growth Percentiles

