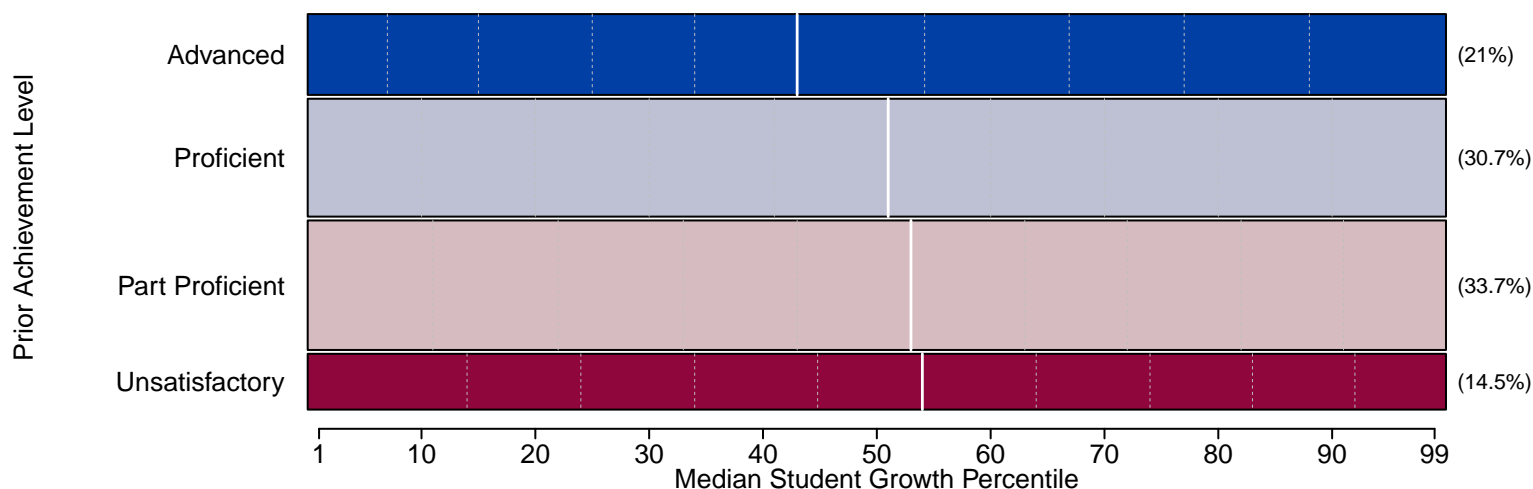


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP SIMEX Ranked, 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	20.0	20.0	8.0	0.0	4.0	0.0	0.0	4.0	0.0	0.0	N = 25
		[385,416]	24.0	4.0	8.0	28.0	20.0	8.0	0.0	0.0	4.0	0.0	4.0	N = 25
	Highest OSS:	[696,706]	0.0	0.0	0.0	0.0	0.0	0.0	9.5	9.5	23.8	23.8	23.8	N = 21
		[706,791]	0.0	3.3	3.3	6.7	0.0	0.0	6.7	0.0	3.3	26.7	23.3	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]	6.78	7.99	10.41	8.47	11.86	9.93	12.11	9.69	10.41	12.35	(9.8%)
2nd/[467,502]	7.58	7.82	8.53	11.37	10.43	9.00	9.48	11.14	12.80	11.85	(10%)
3rd/[502,526]	7.60	9.03	10.69	8.08	9.74	11.88	10.69	11.16	8.31	12.83	(10%)
4th/[526,544]	9.03	8.80	9.03	10.19	12.73	7.87	11.34	8.80	8.33	13.89	(10.2%)
5th/[544,561]	7.94	10.17	9.18	11.17	8.44	9.68	9.68	9.93	11.41	12.41	(9.6%)
6th/[561,577]	8.53	9.72	9.95	9.72	10.43	10.43	8.06	10.43	13.51	9.24	(10%)
7th/[577,595]	9.59	10.05	9.36	8.45	8.90	11.87	10.27	10.73	8.90	11.87	(10.4%)
8th/[595,616]	10.98	12.41	10.26	10.02	8.35	10.50	11.93	8.83	8.11	8.59	(9.9%)
9th/[616,643]	11.24	10.77	12.41	9.13	9.37	9.13	7.49	10.54	9.37	10.54	(10.1%)
10th/[643,860]	14.22	11.14	10.43	12.32	8.29	11.61	9.00	7.58	9.48	5.92	(10%)

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

## QQ-Plot: Student Growth Percentiles

