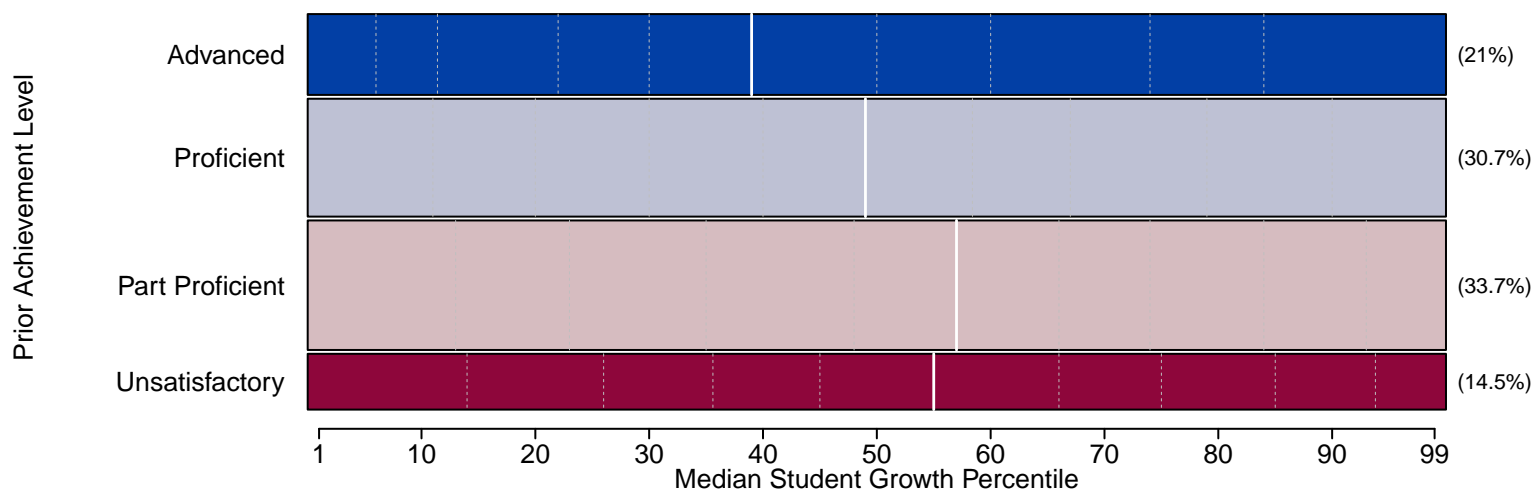


# Student Growth Percentile Goodness-of-Fit Descriptives

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]	40.0	12.0	16.0	16.0	12.0	0.0	4.0	0.0	0.0	0.0	0.0	N = 25
		[385,416]	16.0	12.0	4.0	24.0	20.0	16.0	4.0	0.0	4.0	0.0	0.0	N = 25
	Highest OSS:	[696,706]	0.0	0.0	0.0	0.0	9.5	4.8	19.0	14.3	9.5	28.6	4.8	N = 21
		[706,791]	0.0	3.3	6.7	6.7	0.0	3.3	0.0	13.3	10.0	26.7	10.0	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]	5.08	8.23	10.90	10.90	8.47	12.11	10.41	11.14	10.17	12.59	(9.8%)
2nd/[467,502]	6.40	7.82	7.11	10.19	8.77	9.95	10.19	12.09	11.61	15.88	(10%)
3rd/[502,526]	6.89	8.55	8.55	8.31	7.36	10.45	13.06	11.64	11.88	13.30	(10%)
4th/[526,544]	8.33	8.56	6.71	10.19	10.42	10.65	11.57	10.42	9.03	14.12	(10.2%)
5th/[544,561]	7.20	10.67	10.42	6.95	10.67	10.67	9.43	8.68	10.42	14.89	(9.6%)
6th/[561,577]	8.53	9.72	11.61	9.24	13.27	7.58	9.48	9.24	9.95	11.37	(10%)
7th/[577,595]	10.05	10.05	9.82	8.90	9.59	13.01	8.68	9.13	8.90	11.87	(10.4%)
8th/[595,616]	9.07	13.84	9.31	10.74	10.26	10.98	11.46	8.59	8.35	7.40	(9.9%)
9th/[616,643]	11.71	11.94	11.71	9.60	7.96	10.30	7.49	10.77	11.24	7.26	(10.1%)
10th/[643,860]	21.09	9.72	11.37	13.98	10.43	8.06	7.82	7.35	8.06	2.13	(10%)

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

## QQ-Plot: Student Growth Percentiles

