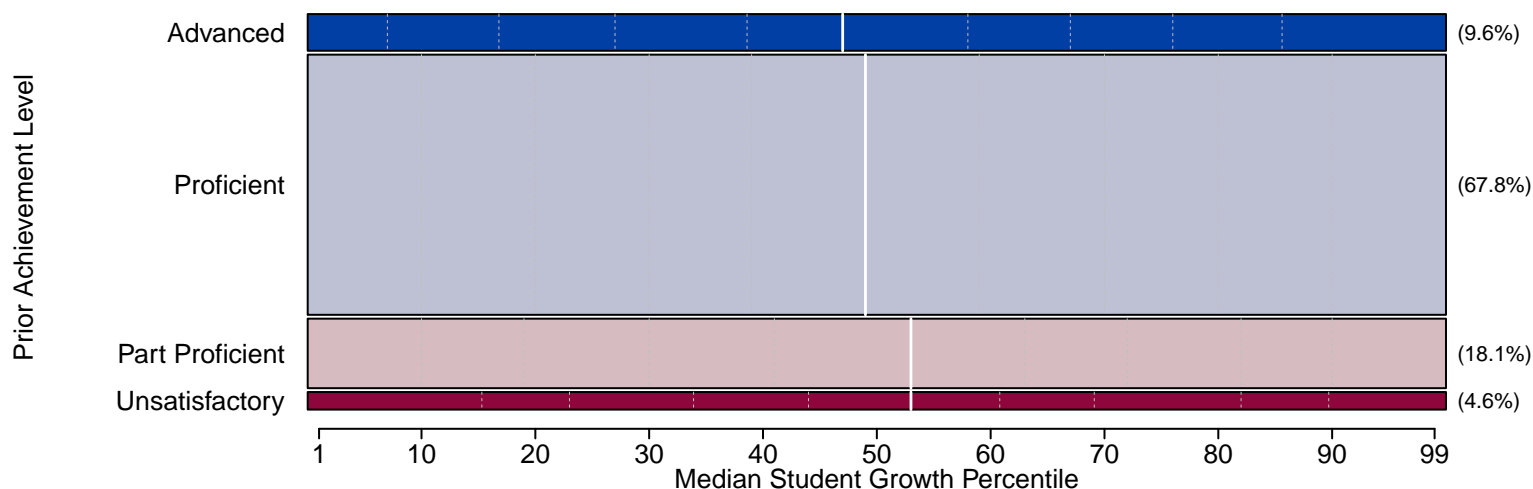# Student Growth Percentile Goodness–of–Fit Descriptives
2016–2017 Reading SGP SIMEX Ranked, Grade 10 (N = 4,237)

SGP Deciles by Prior Achievement Level (Reading)

Prior Achievement Level (vs. Median Student Growth Percentile):
- Advanced (9.6%)
- Proficient (67.8%)
- Part Proficient (18.1%)
- Unsatisfactory (4.6%)

Ceiling / Floor Effects Test

Current Observed Score Extremes (Range) by 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	
Lowest OSS:	[370,528)	52.0	16.0	16.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[528,558]	24.0	16.0	20.0	12.0	8.0	12.0	4.0	0.0	0.0	4.0	0.0	0.0	N = 25
Highest OSS:	[797,810)	0.0	0.0	0.0	3.8	0.0	0.0	11.5	0.0	15.4	30.8	15.4	23.1	N = 26
	[810,878]	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	11.1	22.2	11.1	51.9	N = 27

Student Growth Percentile Range

Prior Scale Score Decile/Range*

Prior Scale Score Decile/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/[350,609)	7.07	8.78	10.00	8.54	10.49	10.00	10.73	10.73	13.17	10.49	(9.7%)
2nd/[609,637)	10.40	11.82	9.69	7.57	9.46	9.69	10.17	8.51	11.35	11.35	(10%)
3rd/[637,653)	8.80	8.80	8.80	11.25	10.76	8.80	8.07	12.22	10.02	12.47	(9.7%)
4th/[653,667)	4.88	10.23	13.02	9.30	9.53	8.84	10.70	8.60	13.26	11.63	(10.1%)
5th/[667,679)	11.33	11.08	8.19	8.67	9.64	10.84	10.84	8.43	9.64	11.33	(9.8%)
6th/[679,690)	9.84	8.43	11.48	11.71	11.94	10.07	8.90	8.90	8.90	9.84	(10.1%)
7th/[690,701)	10.79	11.03	7.91	10.07	10.55	9.83	8.39	10.31	9.35	11.75	(9.8%)
8th/[701,716)	9.36	10.05	10.73	13.93	7.99	9.36	9.36	10.05	8.45	10.73	(10.3%)
9th/[716,738)	10.43	12.70	10.43	8.39	10.43	9.52	9.75	10.66	9.30	8.39	(10.4%)
10th/[738,836]	11.24	11.48	10.77	8.67	10.54	10.07	10.77	11.01	6.79	8.67	(10.1%)

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

QQ–Plot: Student Growth Percentiles