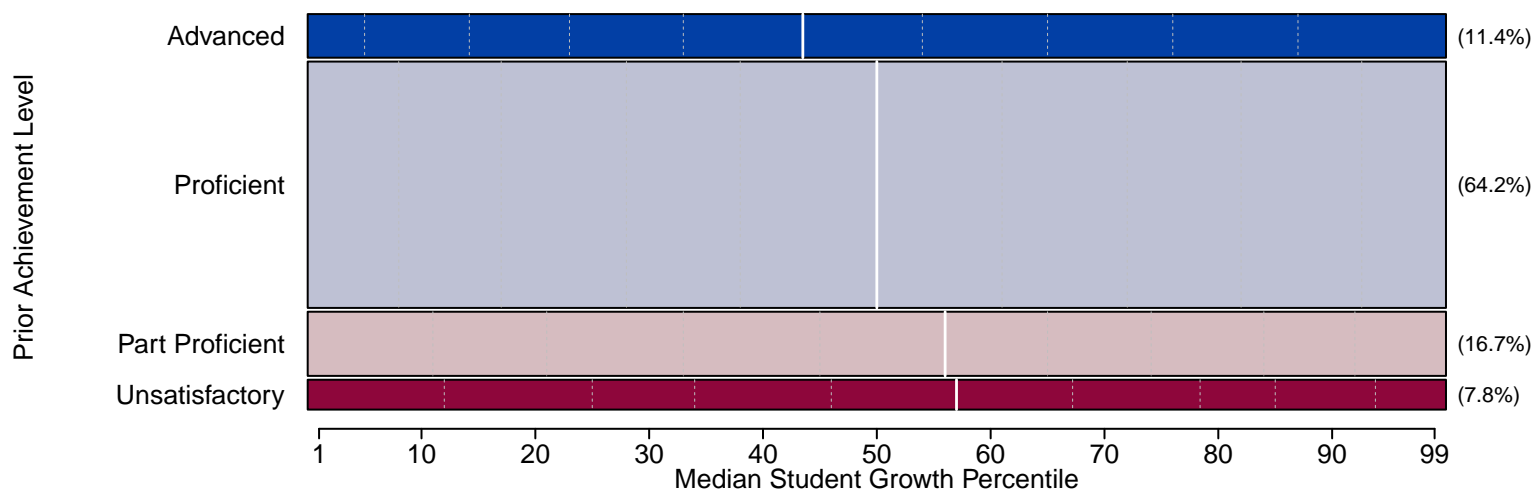# Student Growth Percentile Goodness–of–Fit Descriptives

2016–2017 Reading SGP SIMEX, Grade 6 (N = 4,154)

SGP Deciles by Prior Achievement Level (Reading)

Prior Achievement Level:
- Advanced (11.4%)
- Proficient (64.2%)
- Part Proficient (16.7%)
- Unsatisfactory (7.8%)

Median Student Growth Percentile

Ceiling / Floor Effects Test

Student Growth Percentile Range

Current Observed Score Extremes (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:	[260,359)	76.0	12.0	8.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[359,449]	28.0	20.0	20.0	12.0	16.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	N = 25
Highest OSS:	[744,751)	0.0	0.0	0.0	0.0	4.5	9.1	0.0	4.5	9.1	27.3	9.1	36.4	N = 22
	[751,829]	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	6.9	6.9	34.5	48.3	N = 29

Student Growth Percentile 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/[220,548)	9.29	7.58	6.60	8.80	11.49	7.09	9.54	10.76	13.20	15.65	(9.8%)
2nd/[548,579)	7.35	9.24	9.48	7.58	12.32	9.48	9.48	11.61	9.72	13.74	(10.2%)
3rd/[579,597)	11.36	8.08	9.60	9.60	5.05	10.10	5.81	13.64	10.86	15.91	(9.5%)
4th/[597,612)	10.08	10.83	7.30	12.85	11.34	7.05	7.56	11.34	9.82	11.84	(9.6%)
5th/[612,627)	11.71	9.91	8.78	10.36	8.33	7.43	8.56	11.04	9.01	14.86	(10.7%)
6th/[627,641)	12.26	7.21	10.10	10.34	6.73	8.65	11.06	10.10	12.02	11.54	(10%)
7th/[641,656)	11.19	12.62	8.81	8.10	9.05	8.10	10.00	8.10	11.67	12.38	(10.1%)
8th/[656,673)	13.76	12.78	8.60	9.58	7.37	9.34	9.83	8.60	8.60	11.55	(9.8%)
9th/[673,694)	16.00	12.71	6.35	9.18	9.88	8.24	8.00	9.65	8.24	11.76	(10.2%)
10th/[694,827]	14.35	11.48	11.00	8.37	12.20	7.66	6.70	11.72	8.13	8.37	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution