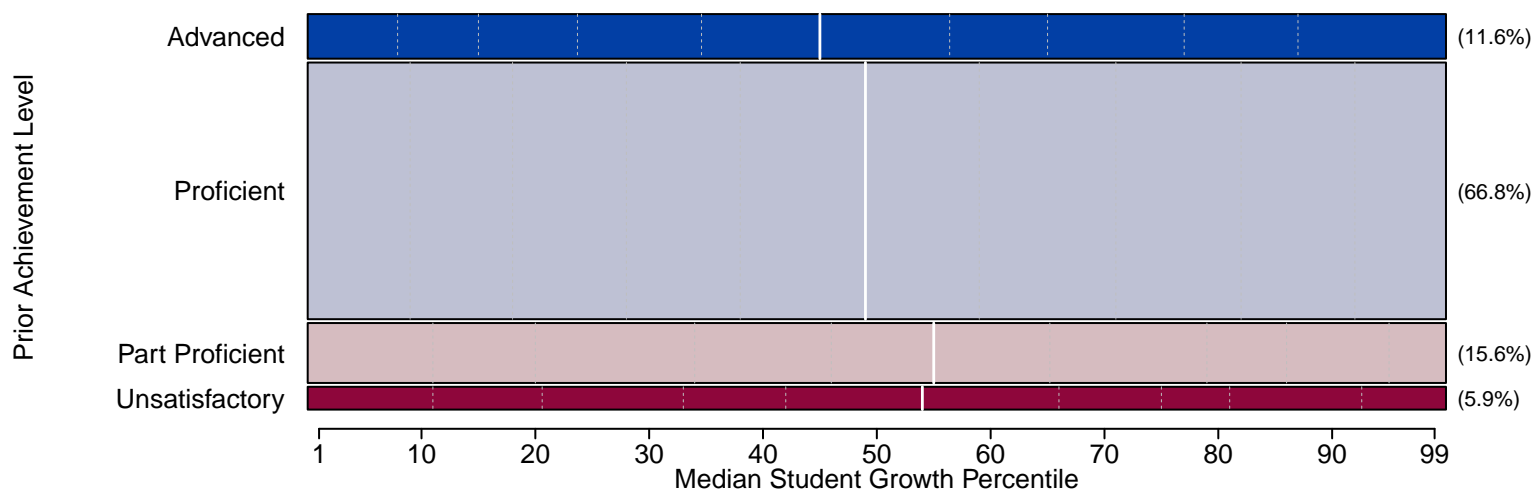# Student Growth Percentile Goodness–of–Fit Descriptives
2014–2015 Reading SGP SIMEX, Grade 6 (N = 3,960)

SGP Deciles by Prior Achievement Level (Reading)

Prior Achievement Level:
- Advanced (11.6%)
- Proficient (66.8%)
- Part Proficient (15.6%)
- Unsatisfactory (5.9%)

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:	[260,424)	32.0	16.0	32.0	12.0	0.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	N = 25
	[424,468]	24.0	20.0	20.0	8.0	12.0	8.0	0.0	8.0	0.0	0.0	0.0	0.0	N = 25
Highest OSS:	[743,752)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	12.0	36.0	4.0	40.0	N = 25
	[752,825]	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	16.0	20.0	60.0	N = 25

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/[220,556)	7.79	10.65	8.31	7.53	10.91	9.87	9.87	9.87	14.03	11.17	(9.7%)
2nd/[556,584)	10.15	10.66	7.61	8.38	6.85	9.64	10.15	7.36	10.41	18.78	(9.9%)
3rd/[584,604)	9.18	9.18	7.69	10.67	11.17	8.68	9.43	10.42	9.93	13.65	(10.2%)
4th/[604,617)	10.18	11.23	9.40	8.88	8.88	10.18	8.88	7.57	9.66	15.14	(9.7%)
5th/[617,630)	8.06	8.31	9.82	10.83	9.82	9.32	10.83	9.82	8.31	14.86	(10%)
6th/[630,643)	13.23	8.40	10.43	10.18	9.16	8.14	7.89	9.92	13.23	9.41	(9.9%)
7th/[643,657)	12.50	11.03	8.58	9.31	10.54	11.52	6.86	8.33	7.84	13.48	(10.3%)
8th/[657,673)	11.90	12.91	10.89	10.13	8.86	7.85	10.38	8.10	8.10	10.89	(10%)
9th/[673,696)	11.11	12.35	9.38	8.89	9.38	10.37	7.16	10.12	8.40	12.84	(10.2%)
10th/[696,906]	12.34	13.60	6.80	11.34	10.58	6.55	13.60	8.56	8.31	8.31	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution