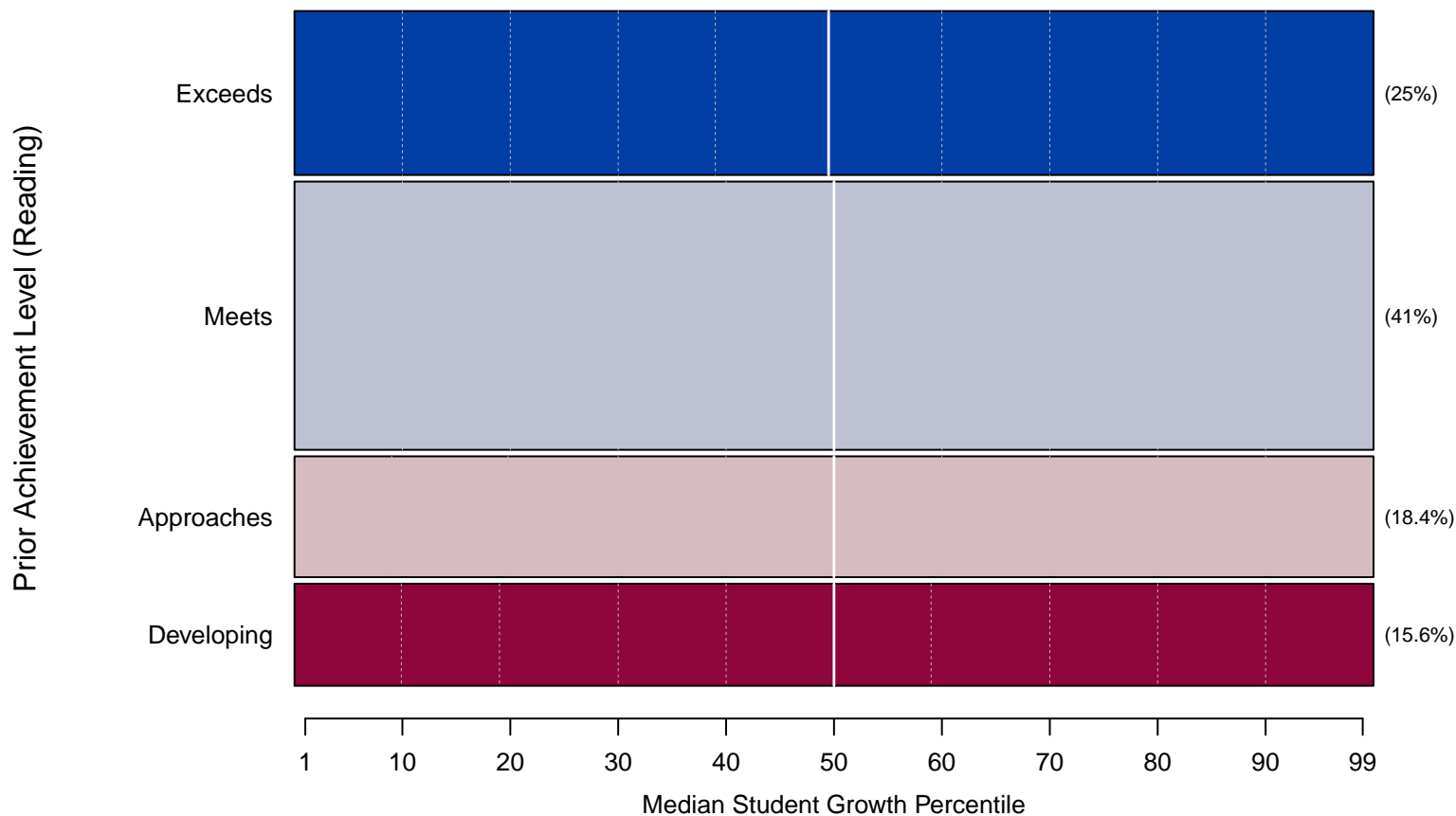# Student Growth Percentile Goodness–of–Fit Descriptives
2013–2014 Reading SGP, Grade 6 (N = 28,818)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Exceeds (25%)
- Meets (41%)
- Approaches (18.4%)
- Developing (15.6%)

Median Student Growth Percentile

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/[100,227)	10.81	8.97	9.72	9.87	10.36	9.83	10.40	9.31	9.95	10.77	(9.2%)
2nd/[227,268)	9.17	10.83	10.17	9.76	9.83	10.03	9.69	10.21	9.45	10.86	(10.1%)
3rd/[268,293)	9.46	10.64	8.88	9.53	9.99	10.64	10.34	9.84	9.65	11.03	(9.1%)
4th/[293,311)	10.38	8.57	9.74	10.75	10.26	8.97	8.69	11.07	11.11	10.46	(8.6%)
5th/[311,332)	9.78	10.56	10.04	9.49	10.04	10.24	10.20	9.39	9.52	10.72	(10.7%)
6th/[332,347)	9.07	10.27	9.94	10.39	9.65	10.02	10.77	10.02	8.90	10.97	(8.4%)
7th/[347,364)	9.26	10.83	9.60	9.68	9.79	10.71	9.30	10.56	10.21	10.06	(9.1%)
8th/[364,384)	9.72	9.09	9.90	9.69	10.53	9.93	9.97	10.35	9.65	11.16	(9.9%)
9th/[384,427)	10.10	9.43	10.54	10.52	9.78	9.39	9.78	9.71	10.29	10.47	(14.1%)
10th/[427,500]	9.13	10.47	9.64	10.03	10.25	10.06	9.77	10.98	9.71	9.96	(10.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution