Student Growth Percentile Goodness–of–Fit Descriptives
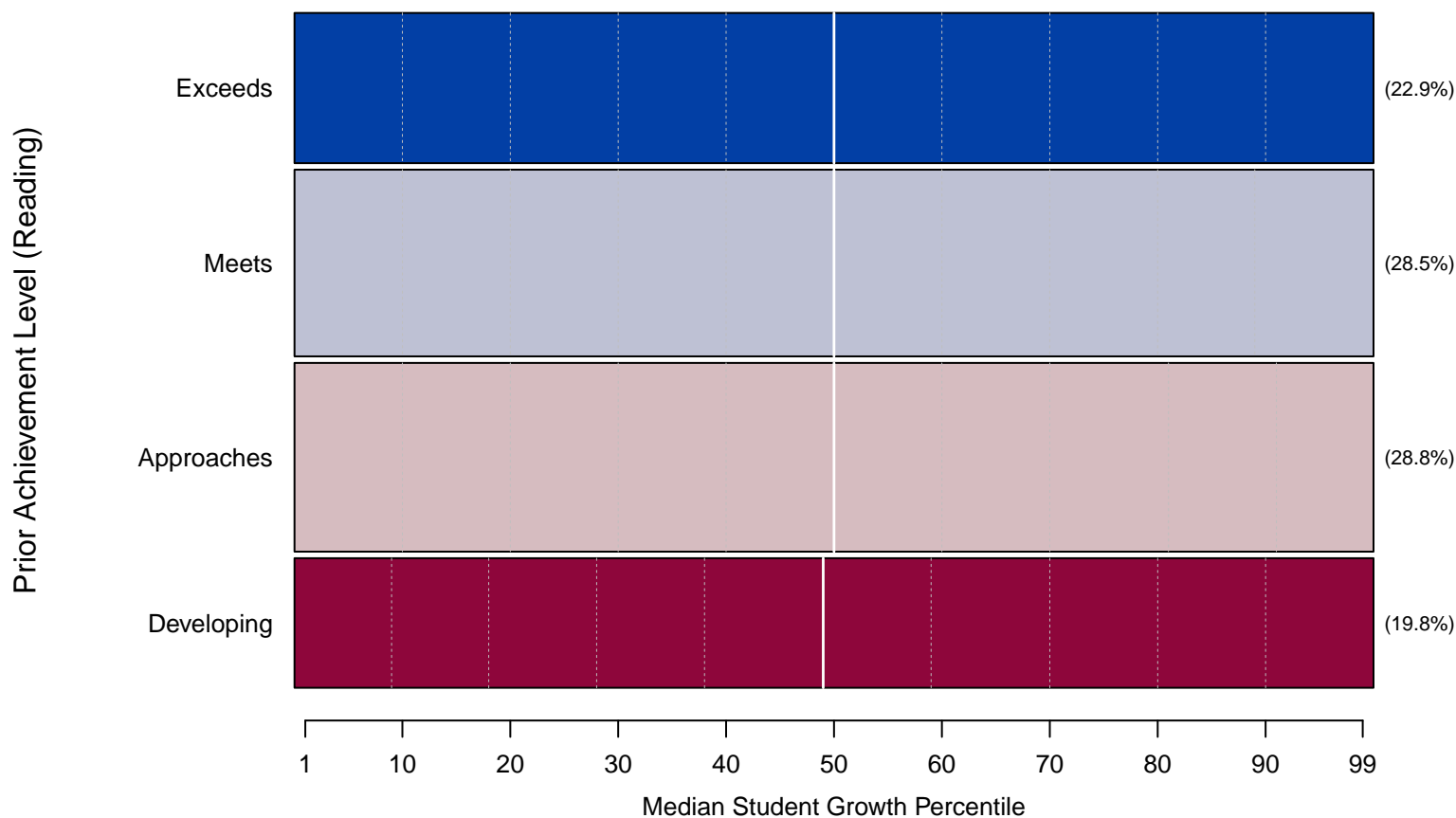
2013–2014 Reading SGP, Grade 10 (N = 27,409)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Exceeds (22.9%)
- Meets (28.5%)
- Approaches (28.8%)
- Developing (19.8%)

Median Student Growth Percentile

1 10 20 30 40 50 60 70 80 90 99

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/[100,217]	6.98	14.91	9.80	9.72	8.68	9.47	9.68	9.85	10.14	10.76	(8.8%)
2nd/[217,253]	12.58	9.03	9.09	9.96	10.32	9.53	9.96	9.53	10.02	9.99	(11%)
3rd/[253,272]	10.04	8.89	10.54	9.97	10.04	10.20	10.04	9.43	10.23	10.62	(9.5%)
4th/[272,290]	8.99	10.10	10.34	10.06	10.58	10.44	8.72	10.27	8.65	11.85	(10.6%)
5th/[290,304]	9.60	10.52	9.60	10.57	9.60	9.43	9.56	9.22	10.52	11.36	(8.7%)
6th/[304,317]	11.06	10.73	9.59	8.85	8.69	10.61	11.10	9.71	9.67	10.00	(8.9%)
7th/[317,331]	8.80	10.13	10.01	9.98	10.20	9.68	10.35	10.75	10.86	9.24	(9.9%)
8th/[331,347]	9.38	9.42	10.14	10.25	10.02	10.06	10.06	10.17	10.06	10.44	(9.7%)
9th/[347,374]	9.88	9.51	10.06	10.09	10.80	10.16	9.21	8.32	8.44	13.52	(11.9%)
10th/[374,500]	9.29	10.42	9.72	9.56	9.36	10.02	11.12	11.92	10.89	7.70	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

0 10 20 30 40 50 60 70 80 90 100

Empirical SGP Distribution