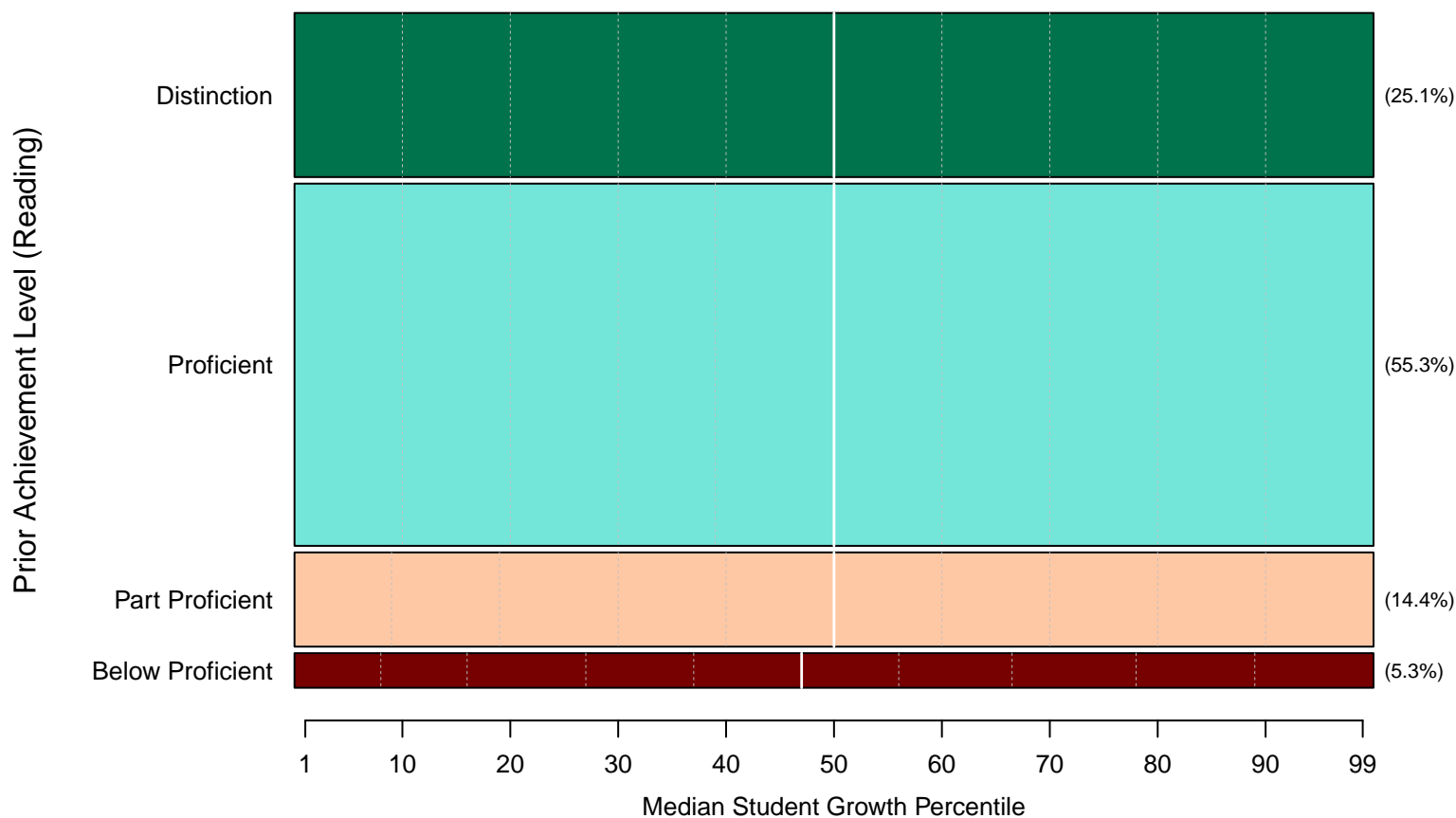# Student Growth Percentile Goodness–of–Fit Descriptives

2012–2013 Reading SGP, Grade 7 (N = 13,760)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percent
Distinction	(25.1%)
Proficient	(55.3%)
Part Proficient	(14.4%)
Below Proficient	(5.3%)

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/[600,634)	10.44	11.13	10.44	9.44	10.28	9.59	10.44	9.13	9.59	9.52	(9.5%)
2nd/[634,640)	10.49	9.91	8.92	10.27	9.49	10.20	9.77	9.77	10.98	10.20	(10.2%)
3rd/[640,643)	9.88	10.76	9.98	9.30	10.08	10.37	8.24	9.98	10.08	11.34	(7.5%)
4th/[643,646)	8.55	10.20	10.20	11.18	10.36	10.20	11.76	10.03	8.72	8.80	(8.8%)
5th/[646,650)	10.62	10.27	10.06	9.29	9.50	9.85	9.57	10.48	9.99	10.34	(10.4%)
6th/[650,653)	9.13	9.93	9.50	10.12	10.12	9.99	10.06	10.12	10.43	10.61	(11.8%)
7th/[653,657)	9.79	10.36	10.62	10.04	9.41	10.55	9.09	10.24	9.09	10.81	(11.4%)
8th/[657,659)	10.88	9.52	9.80	11.43	8.16	8.57	11.43	10.34	9.25	10.61	(5.3%)
9th/[659,666)	9.09	10.48	9.68	9.41	10.81	9.57	9.52	10.05	10.70	10.70	(13.5%)
10th/[666,680]	9.39	9.58	10.08	10.71	9.89	10.08	10.27	9.83	9.83	10.33	(11.5%)

*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: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100