Student Growth Percentile Goodness–of–Fit Descriptives
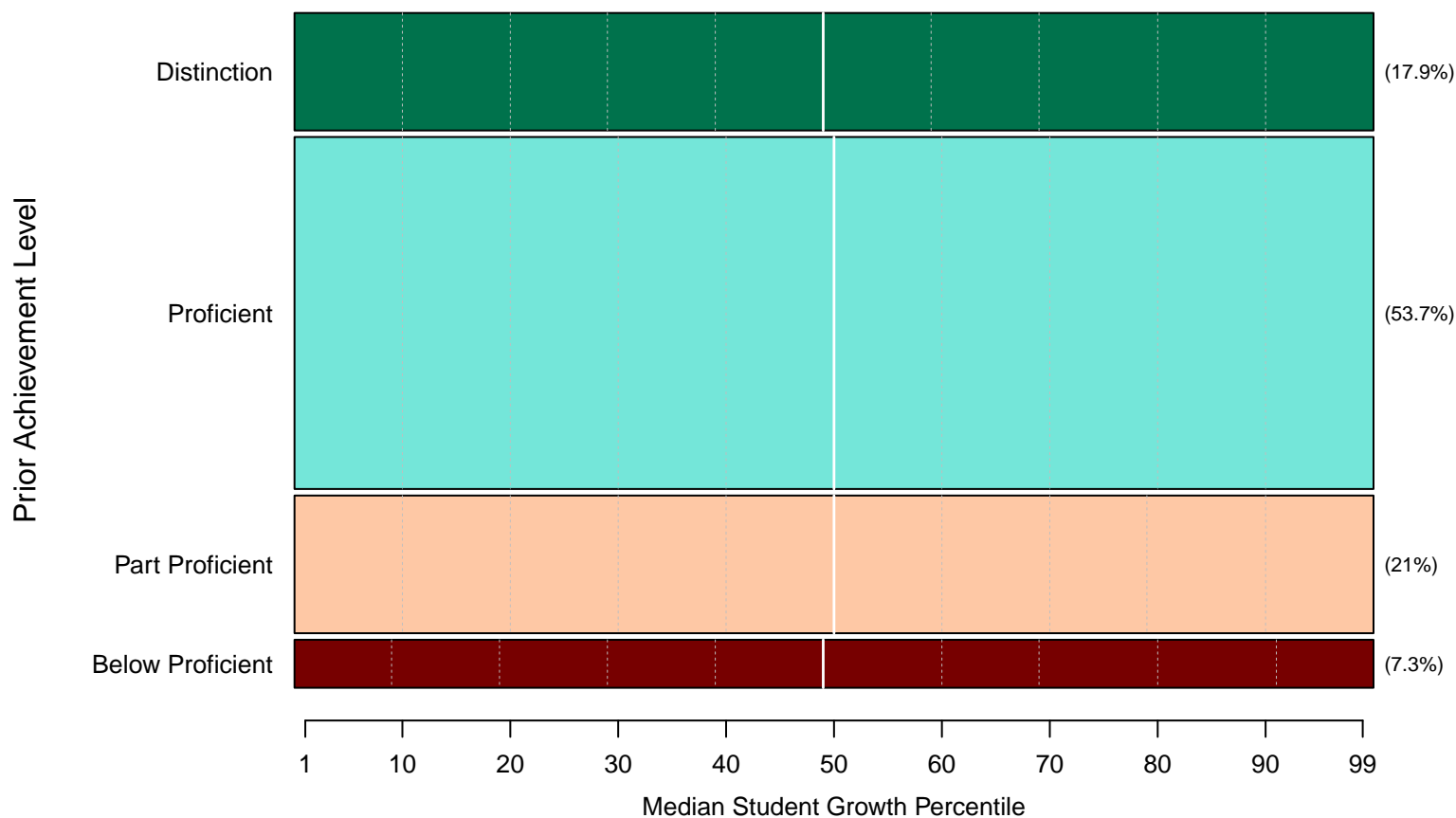## 2008–2009 Reading SGP, Grade 6 (N = 14,334)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Distinction (17.9%)
- Proficient (53.7%)
- Part Proficient (21%)
- Below Proficient (7.3%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

Student Growth Percentile Range

Prior Scale Score Decile/Range *	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/[500,531]	10.23	9.67	9.91	9.75	9.83	10.64	10.56	9.51	9.83	10.07	(8.7%)
2nd/[531,537]	8.99	10.32	9.92	10.25	10.45	10.05	11.12	9.92	9.32	9.65	(10.5%)
3rd/[537,541]	9.78	10.01	11.22	8.95	9.40	9.70	9.48	10.08	9.78	11.60	(9.2%)
4th/[541,543]	9.95	10.46	9.01	10.63	10.89	9.01	9.86	10.89	9.52	9.78	(8.1%)
5th/[543,546]	9.15	9.37	10.60	10.09	9.30	11.84	10.97	8.79	10.02	9.88	(9.6%)
6th/[546,549]	9.76	9.69	8.91	10.47	10.34	9.11	9.11	10.54	11.13	10.93	(10.7%)
7th/[549,552]	9.77	10.21	10.46	9.64	10.58	9.71	9.27	10.14	9.33	10.90	(11.1%)
8th/[552,555]	9.03	10.16	9.88	10.23	9.45	9.95	11.37	10.59	9.10	10.23	(9.8%)
9th/[555,560]	9.99	9.99	10.12	10.05	10.30	10.48	8.90	9.15	10.05	10.96	(11.5%)
10th/[560,580]	9.89	9.89	10.15	10.34	9.50	9.69	10.34	10.08	10.47	9.63	(10.7%)

*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