Student Growth Percentile Goodness–of–Fit Descriptives
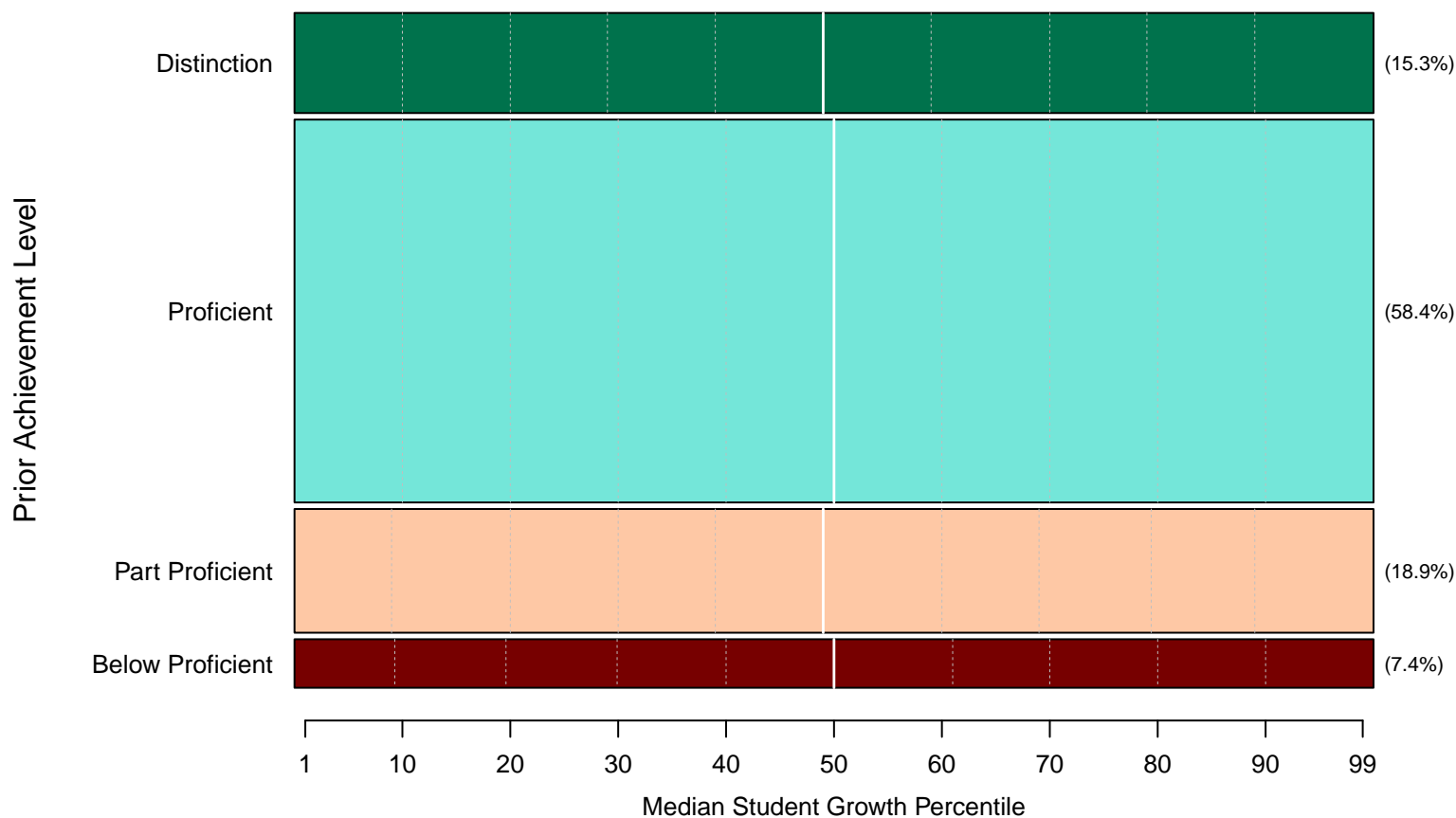## 2008–2009 Reading SGP, Grade 7 (N = 14,506)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Distinction (15.3%)
- Proficient (58.4%)
- Part Proficient (18.9%)
- Below Proficient (7.4%)

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/[600,631)	10.15	9.83	9.83	9.83	9.99	9.99	9.91	9.91	10.39	10.15	(8.7%)
2nd/[631,638)	10.25	9.87	9.87	9.87	9.87	9.55	9.80	10.57	9.80	10.57	(10.8%)
3rd/[638,640)	9.89	9.08	10.90	11.00	9.99	9.08	11.71	9.18	10.19	8.98	(6.8%)
4th/[640,645)	9.62	10.80	9.21	9.47	10.44	10.44	9.26	10.19	10.03	10.55	(13.4%)
5th/[645,646)	12.12	9.57	9.82	10.20	9.44	10.84	9.69	7.78	9.82	10.71	(5.4%)
6th/[646,650)	9.28	9.51	10.55	10.20	9.11	9.28	10.55	10.03	9.74	11.76	(12%)
7th/[650,653)	8.62	10.33	10.16	10.45	10.73	9.99	9.65	10.27	9.93	9.87	(12.1%)
8th/[653,655)	11.59	10.99	9.90	9.66	9.30	9.78	11.35	9.42	9.66	8.33	(5.7%)
9th/[655,662)	9.34	9.15	10.32	9.54	9.98	10.61	9.93	9.68	9.78	11.68	(14.2%)
10th/[662,680]	9.78	10.03	10.34	10.78	10.03	9.66	9.22	10.03	10.09	10.03	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution