Student Growth Percentile Goodness–of–Fit Descriptives
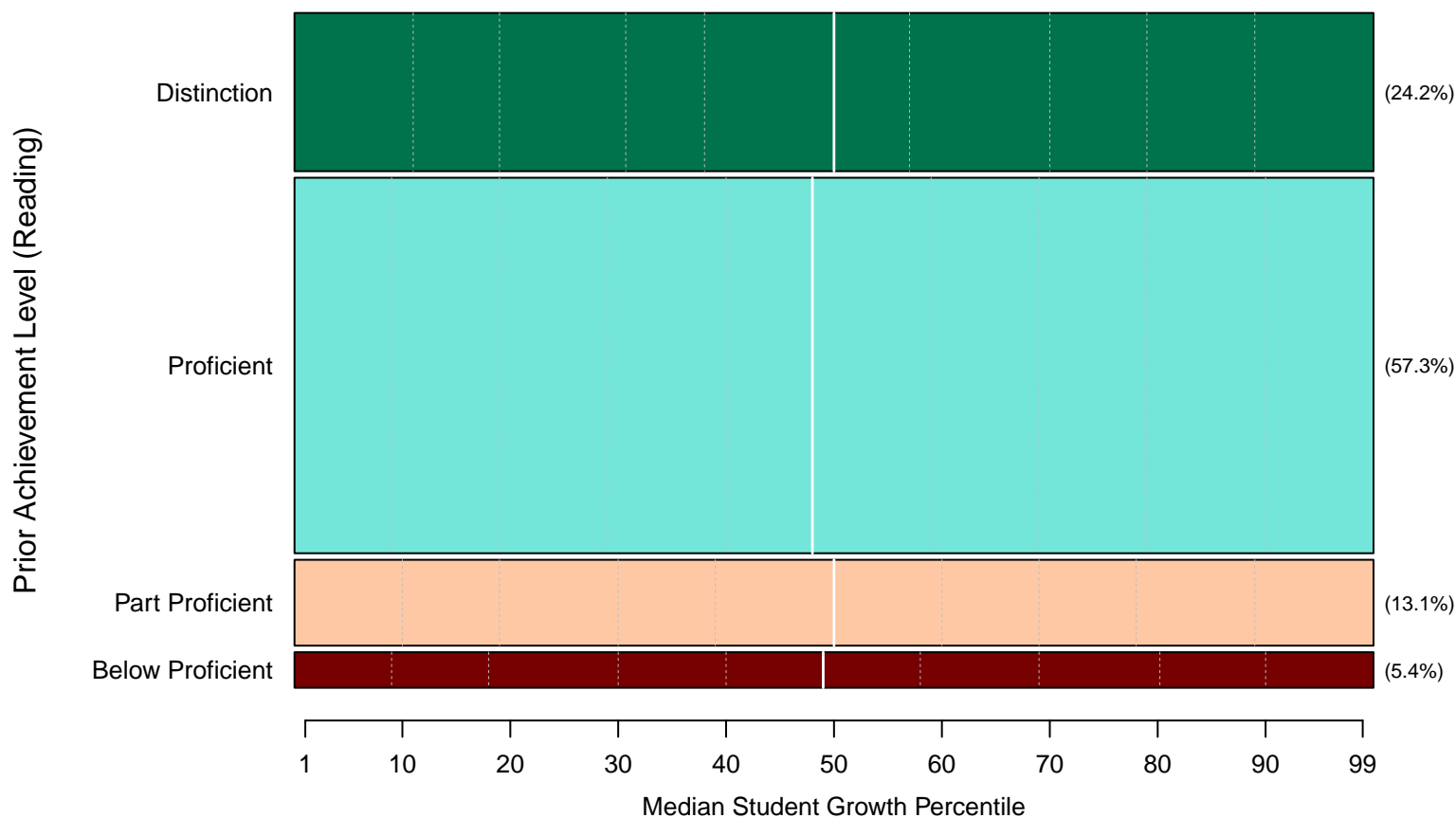## 2012–2013 Reading SGP, Grade 4 (N = 13,084)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Distinction (24.2%)
- Proficient (57.3%)
- Part Proficient (13.1%)
- Below Proficient (5.4%)

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/[300,335)	10.15	8.09	10.63	11.34	9.91	9.52	10.94	8.33	10.79	10.31	(9.6%)
2nd/[335,340)	8.76	14.00	7.99	9.79	8.85	9.45	11.00	12.63	7.82	9.71	(8.9%)
3rd/[340,343)	9.37	9.20	14.68	5.15	10.97	12.83	5.99	9.45	11.98	10.38	(9.1%)
4th/[343,346)	10.84	10.90	10.04	11.45	10.22	6.71	11.08	10.41	8.37	9.98	(12.4%)
5th/[346,349)	10.47	4.03	10.47	12.08	8.05	9.82	17.87	7.09	11.27	8.86	(4.7%)
6th/[349,352)	8.12	11.12	12.32	4.19	12.45	13.45	3.73	13.32	10.19	11.12	(11.5%)
7th/[352,356)	11.19	10.02	6.59	16.26	9.44	9.21	8.86	8.68	9.73	10.02	(13.1%)
8th/[356,358)	12.22	9.52	15.63	0.00	17.74	10.46	9.40	8.58	7.29	9.17	(6.5%)
9th/[358,363)	8.71	11.60	7.17	13.61	4.22	13.20	11.53	10.25	7.98	11.73	(11.4%)
10th/[363,380]	10.01	10.07	10.37	12.35	10.73	9.17	5.40	12.17	11.51	8.21	(12.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution