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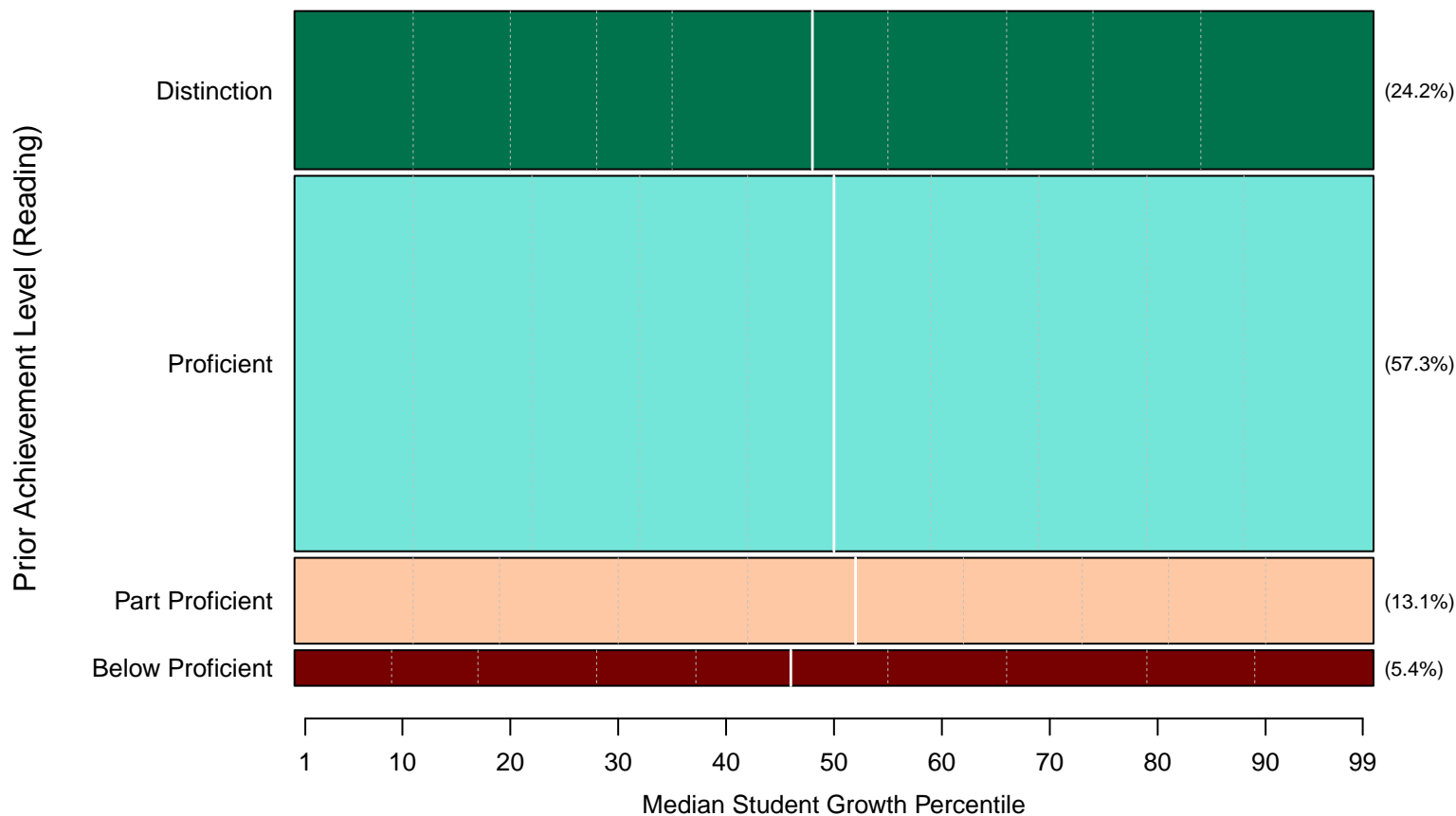## 2012–2013 Reading SGP, Grade 4 (N = 13,084)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percentage
Distinction	(24.2%)
Proficient	(57.3%)
Part Proficient	(13.1%)
Below Proficient	(5.4%)

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/[300,335)	9.36	12.05	9.44	13.16	7.77	9.67	8.80	8.56	10.71	10.47	(9.6%)
2nd/[335,340)	8.25	12.54	7.73	7.22	10.91	9.45	9.45	13.23	9.88	11.34	(8.9%)
3rd/[340,343)	9.37	6.50	12.49	7.43	7.09	12.83	12.49	6.75	13.67	11.39	(9.1%)
4th/[343,346)	8.87	10.28	8.68	10.96	9.42	11.95	11.08	8.81	9.98	9.98	(12.4%)
5th/[346,349)	6.28	8.21	10.47	12.08	8.05	9.82	17.87	7.09	11.27	8.86	(4.7%)
6th/[349,352)	6.99	7.59	13.45	7.72	12.45	13.45	13.05	7.66	11.25	6.39	(11.5%)
7th/[352,356)	8.74	12.47	6.59	16.26	9.44	9.21	8.86	12.35	8.51	7.58	(13.1%)
8th/[356,358)	9.05	12.69	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	10.12	13.74	10.99	8.18	9.45	6.43	(11.4%)
10th/[363,380]	8.51	10.01	15.71	9.71	11.75	7.01	12.83	10.25	8.33	5.88	(12.7%)

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