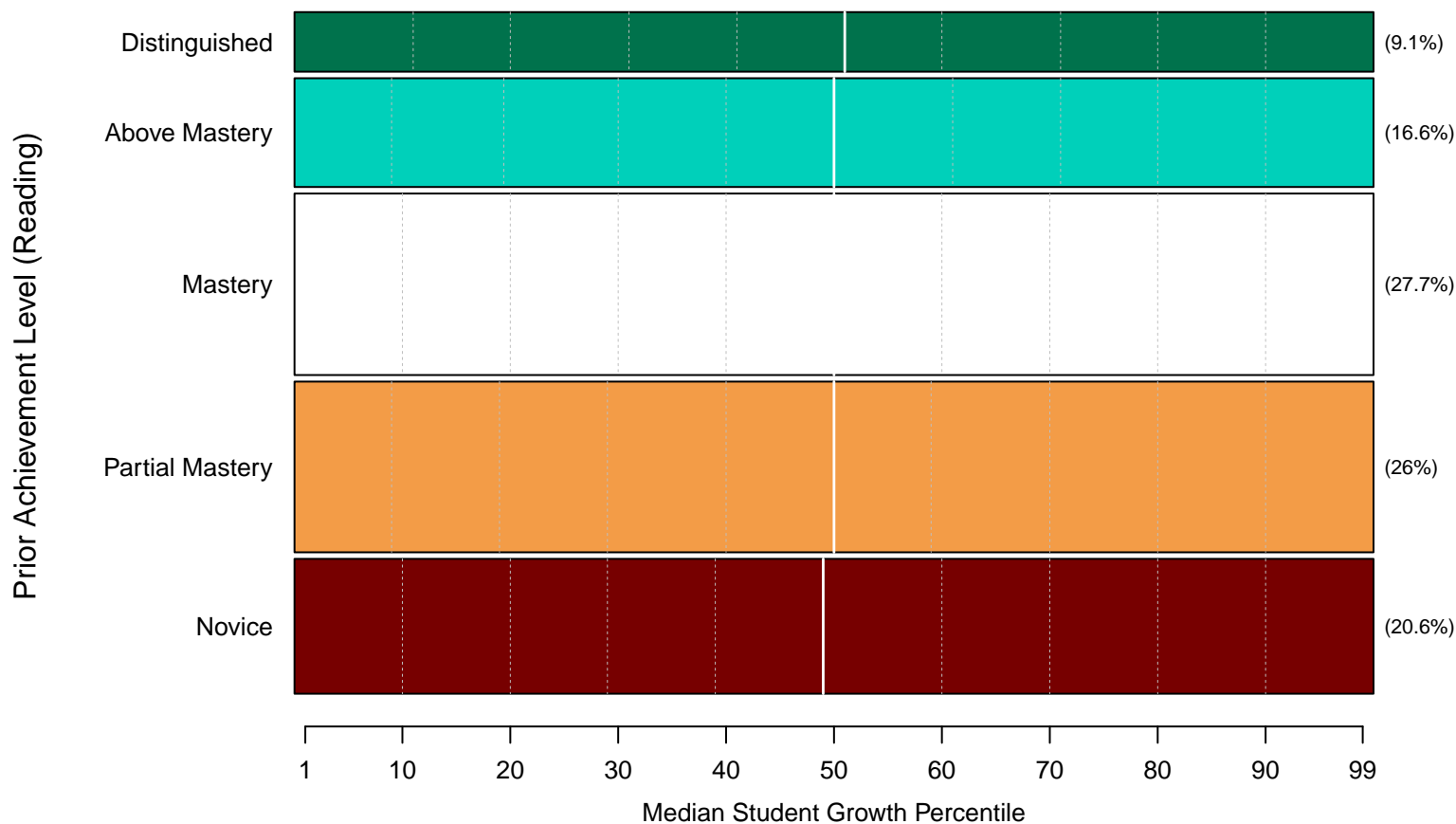# Student Growth Percentile Goodness–of–Fit Descriptives

2012–2013 Reading SGP, Grade 11 (N = 14,542)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Distinguished (9.1%)
- Above Mastery (16.6%)
- Mastery (27.7%)
- Partial Mastery (26%)
- Novice (20.6%)

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/[150,428)	10.12	10.40	10.81	10.40	9.98	9.70	9.49	8.73	10.33	10.05	(9.9%)
2nd/[428,452)	9.86	9.64	9.79	10.14	9.43	9.79	11.07	11.07	9.00	10.21	(9.6%)
3rd/[452,469)	10.30	10.03	9.23	9.29	9.90	10.17	10.17	8.96	10.51	11.45	(10.2%)
4th/[469,482)	9.80	10.03	10.11	9.80	9.95	10.34	9.19	10.87	10.03	9.88	(9%)
5th/[482,496)	10.23	11.05	10.74	9.59	9.40	9.53	9.72	9.97	9.85	9.91	(10.8%)
6th/[496,508)	9.09	10.36	9.02	11.28	10.29	10.50	9.58	9.30	10.08	10.50	(9.8%)
7th/[508,521)	10.46	9.22	9.09	8.83	10.46	9.94	10.27	10.07	9.88	11.77	(10.5%)
8th/[521,534)	10.39	9.19	10.07	10.48	10.15	9.99	9.02	10.07	10.39	10.23	(8.5%)
9th/[534,557)	10.49	9.90	9.90	9.66	9.43	9.25	10.49	10.08	10.02	10.79	(11.6%)
10th/[557,761]	8.98	9.74	9.88	9.74	10.15	10.70	9.88	10.36	9.95	10.63	(10%)

*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