Student Growth Percentile Goodness–of–Fit Descriptives
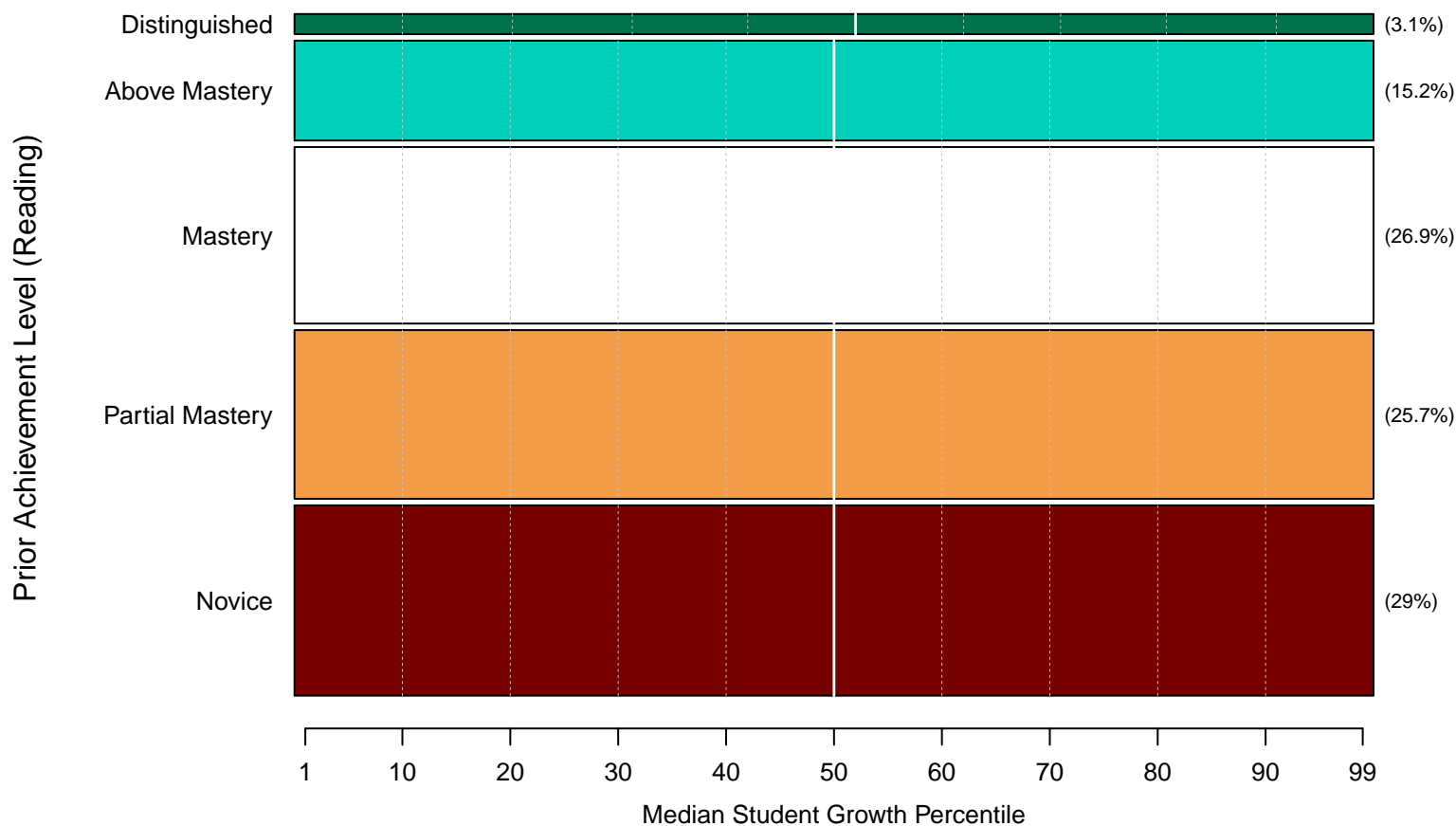## 2012–2013 Reading SGP, Grade 5 (N = 17,338)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading):

- Distinguished (3.1%)
- Above Mastery (15.2%)
- Mastery (26.9%)
- Partial Mastery (25.7%)
- Novice (29%)

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/[133,396)	9.50	9.74	9.74	9.32	10.39	10.21	10.57	10.10	9.68	10.75	(9.7%)
2nd/[396,415)	10.31	9.17	10.43	11.23	9.34	9.17	9.52	9.69	10.94	10.20	(10.1%)
3rd/[415,428)	9.51	11.27	9.21	10.15	10.39	10.09	9.33	10.21	9.92	9.92	(9.8%)
4th/[428,439)	9.11	9.67	10.17	9.17	9.39	9.67	10.17	10.45	10.06	12.13	(10.3%)
5th/[439,446)	8.79	11.24	9.40	10.78	10.40	10.55	10.32	8.49	10.47	9.56	(7.5%)
6th/[446,456)	9.96	8.81	10.82	10.42	9.66	9.06	10.52	10.87	9.91	9.96	(11.5%)
7th/[456,464)	8.83	10.45	9.52	9.81	10.39	11.27	8.94	9.41	10.80	10.57	(9.9%)
8th/[464,474)	10.11	10.37	10.05	9.63	10.05	10.11	10.11	9.63	9.52	10.43	(10.8%)
9th/[474,486)	9.42	9.18	9.96	9.96	10.08	9.48	10.26	10.44	10.26	10.97	(9.7%)
10th/[486,560]	9.44	10.48	9.72	10.04	9.93	10.37	10.10	9.93	9.88	10.10	(10.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution