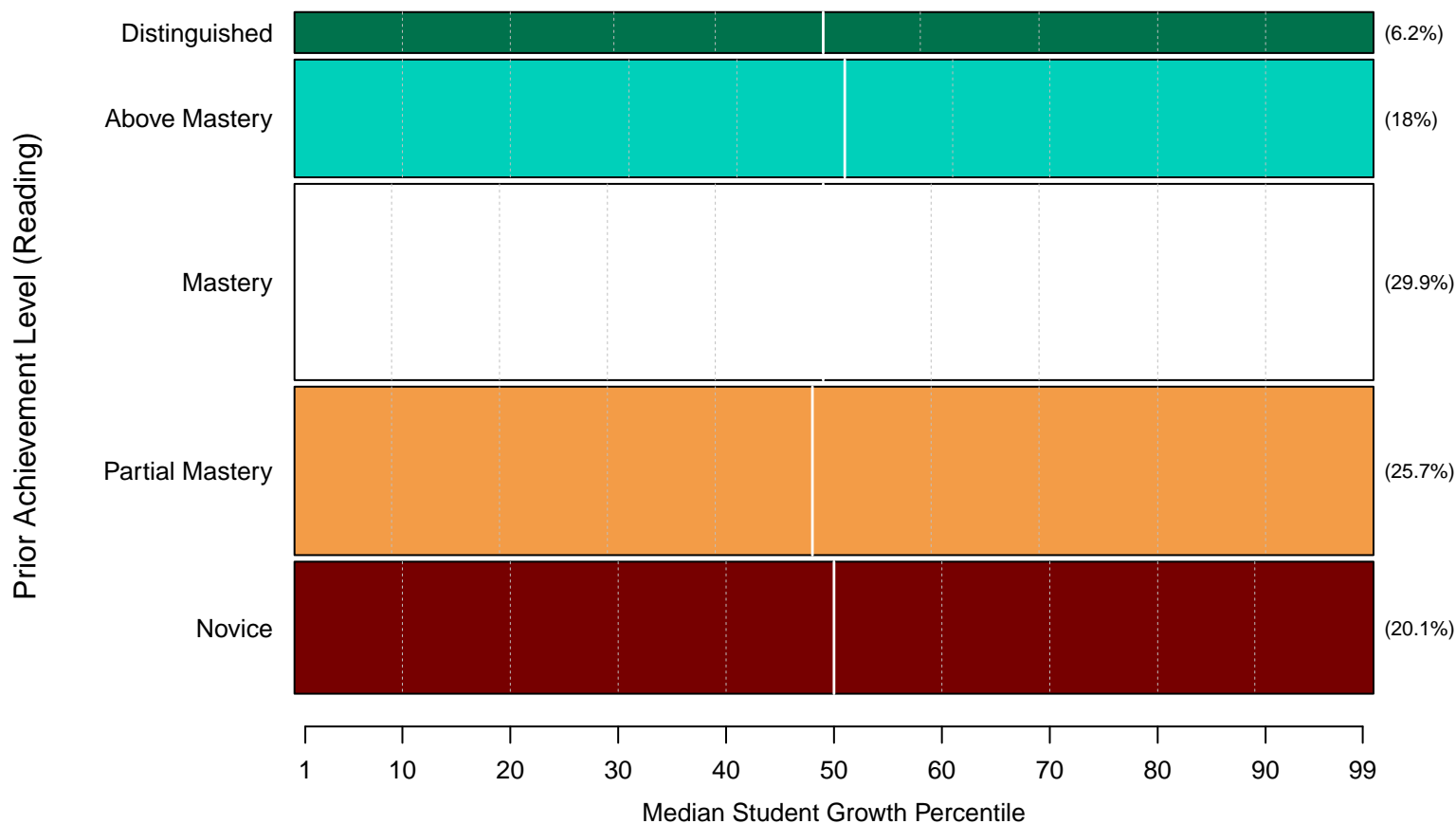# Student Growth Percentile Goodness–of–Fit Descriptives

2012–2013 Reading SGP, Grade 10 (N = 15,741)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading):
- Distinguished (6.2%)
- Above Mastery (18%)
- Mastery (29.9%)
- Partial Mastery (25.7%)
- Novice (20.1%)

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/[148,422)	10.09	9.82	9.61	10.02	10.57	9.68	9.82	10.22	10.29	9.88	(9.3%)
2nd/[422,447)	9.52	10.08	9.83	10.58	10.08	10.08	9.46	10.58	10.08	9.71	(10.3%)
3rd/[447,464)	11.15	10.16	10.69	10.82	9.64	9.64	9.25	8.46	9.51	10.69	(9.7%)
4th/[464,477)	10.09	9.76	10.63	9.63	9.49	9.96	10.29	10.96	9.49	9.69	(9.5%)
5th/[477,489)	9.31	11.38	8.76	9.80	10.41	9.01	10.29	9.68	10.71	10.65	(10.4%)
6th/[489,499)	10.17	9.06	10.67	10.17	9.74	10.67	9.80	10.11	9.68	9.93	(10.3%)
7th/[499,510)	10.30	9.45	10.56	9.84	10.37	10.82	9.65	9.52	9.71	9.78	(9.7%)
8th/[510,523)	9.75	10.91	9.81	9.07	10.06	9.07	9.20	10.06	10.30	11.77	(10.4%)
9th/[523,539)	9.48	9.54	9.92	10.30	10.68	9.98	10.55	9.85	10.55	9.16	(10.1%)
10th/[539,727]	9.67	10.10	9.55	10.10	9.74	10.17	9.98	9.86	9.74	11.09	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution