Student Growth Percentile Goodness–of–Fit Descriptives
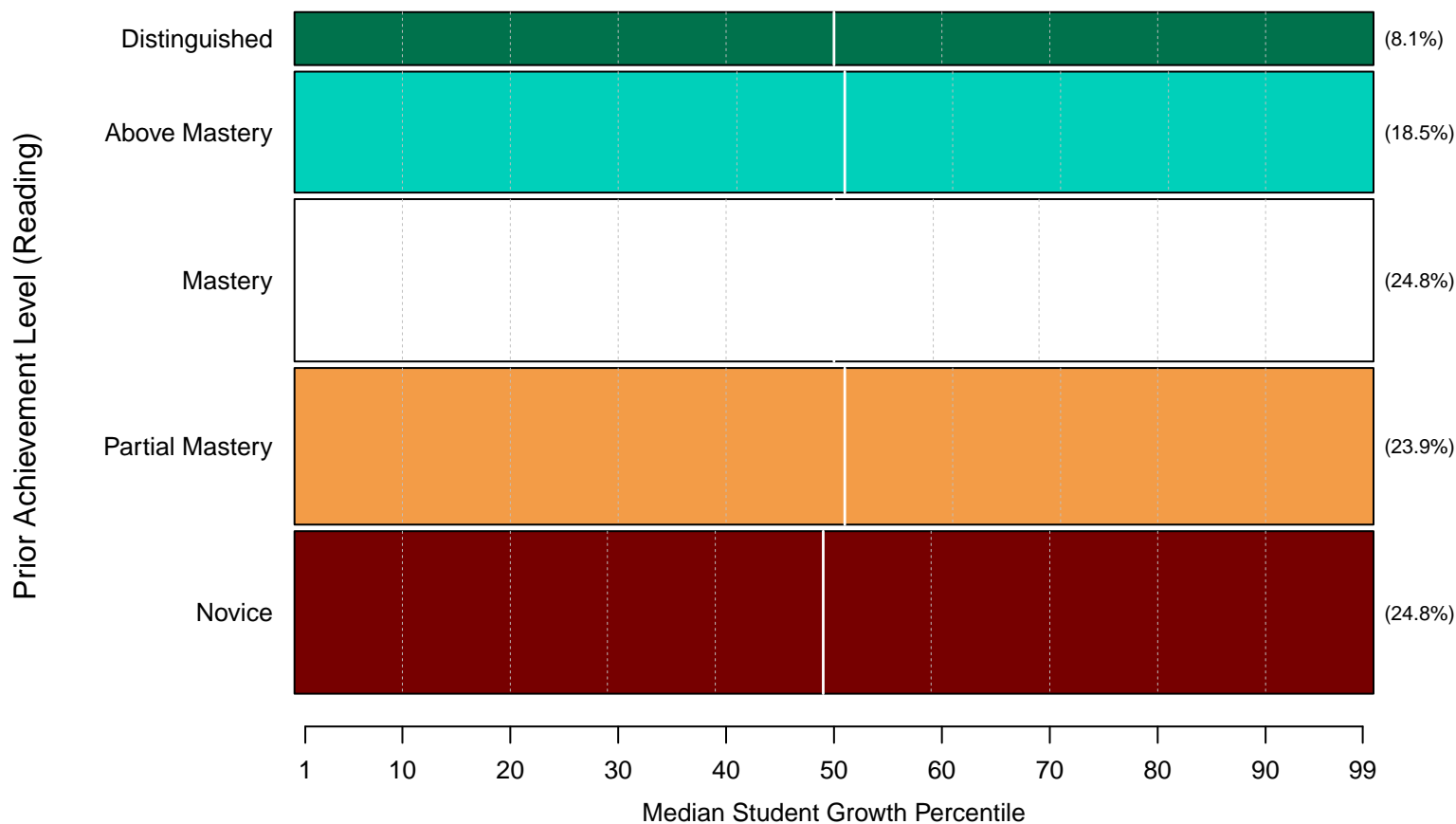## 2012–2013 Reading SGP, Grade 6 (N = 18,870)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading):
- Distinguished (8.1%)
- Above Mastery (18.5%)
- Mastery (24.8%)
- Partial Mastery (23.9%)
- Novice (24.8%)

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/[137,409)	10.60	9.31	10.39	9.80	9.20	9.47	9.96	9.63	10.60	11.03	(9.8%)
2nd/[409,428)	9.07	10.07	10.50	10.28	10.92	10.13	9.34	10.60	9.44	9.65	(10%)
3rd/[428,440)	9.65	10.69	11.02	8.99	10.09	10.03	10.47	8.66	9.76	10.64	(9.7%)
4th/[440,451)	9.95	8.91	9.13	10.33	9.13	9.73	10.22	10.71	10.82	11.09	(9.7%)
5th/[451,461)	9.38	10.56	9.58	11.33	9.58	9.17	9.48	11.08	9.43	10.41	(10.3%)
6th/[461,470)	9.06	9.50	10.27	9.61	9.94	10.54	9.83	9.45	10.49	11.31	(9.7%)
7th/[470,481)	9.70	10.64	10.20	10.54	10.00	10.05	10.25	9.41	9.75	9.46	(10.8%)
8th/[481,492)	9.61	9.61	9.24	9.67	10.23	9.86	9.98	9.80	10.04	11.95	(8.6%)
9th/[492,510)	9.20	9.95	10.23	9.67	9.90	10.56	9.34	10.18	10.46	10.51	(11.3%)
10th/[510,639)	10.02	9.55	9.97	10.02	9.97	9.60	10.28	10.18	10.13	10.28	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution