Student Growth Percentile Goodness–of–Fit Descriptives
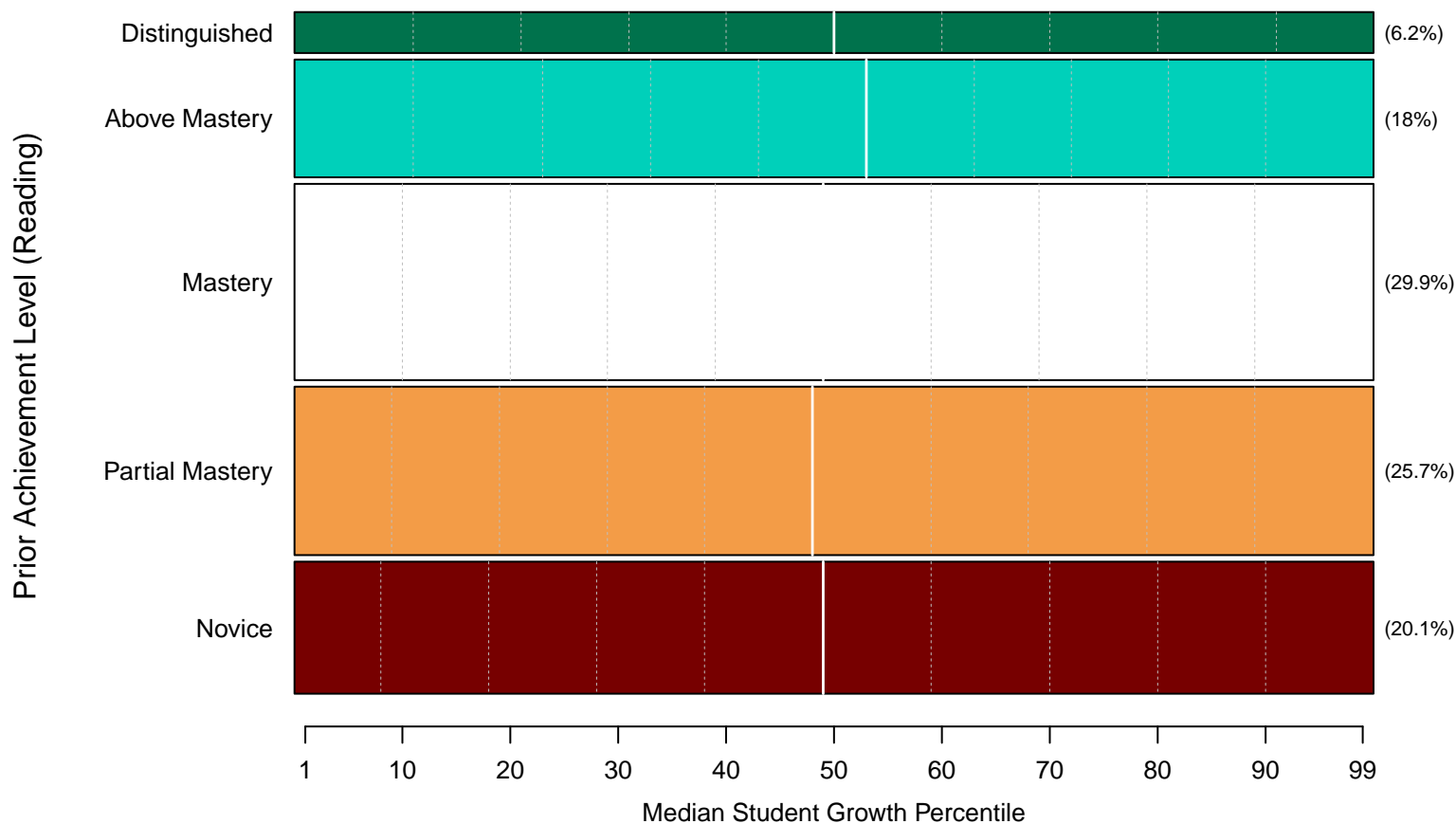## 2012–2013 Reading SGP, Grade 10 (N = 15,741)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percentage
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)	12.41	10.36	9.88	10.16	9.54	9.20	9.48	9.68	9.20	10.09	(9.3%)
2nd/[422,447)	10.20	9.15	10.64	9.83	9.77	9.65	9.34	10.82	10.58	10.02	(10.3%)
3rd/[447,464)	11.34	11.02	10.10	10.82	8.66	9.90	10.23	8.39	9.05	10.49	(9.7%)
4th/[464,477)	9.76	10.23	10.56	10.09	10.43	9.36	10.36	10.43	10.09	8.69	(9.5%)
5th/[477,489)	9.74	10.59	9.19	10.59	10.10	9.68	10.10	10.53	9.62	9.86	(10.4%)
6th/[489,499)	9.99	9.49	10.73	9.62	11.22	10.42	9.37	9.86	10.48	8.82	(10.3%)
7th/[499,510)	9.39	10.37	9.71	10.43	11.34	9.91	9.58	10.56	9.00	9.71	(9.7%)
8th/[510,523)	9.32	9.69	9.69	10.42	8.89	9.93	9.32	10.06	11.34	11.34	(10.4%)
9th/[523,539)	8.97	8.53	8.91	9.92	10.99	10.23	10.99	10.93	11.18	9.35	(10.1%)
10th/[539,727]	8.13	9.92	9.37	10.72	9.55	9.98	10.23	10.66	9.98	11.46	(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