Student Growth Percentile Goodness–of–Fit Descriptives
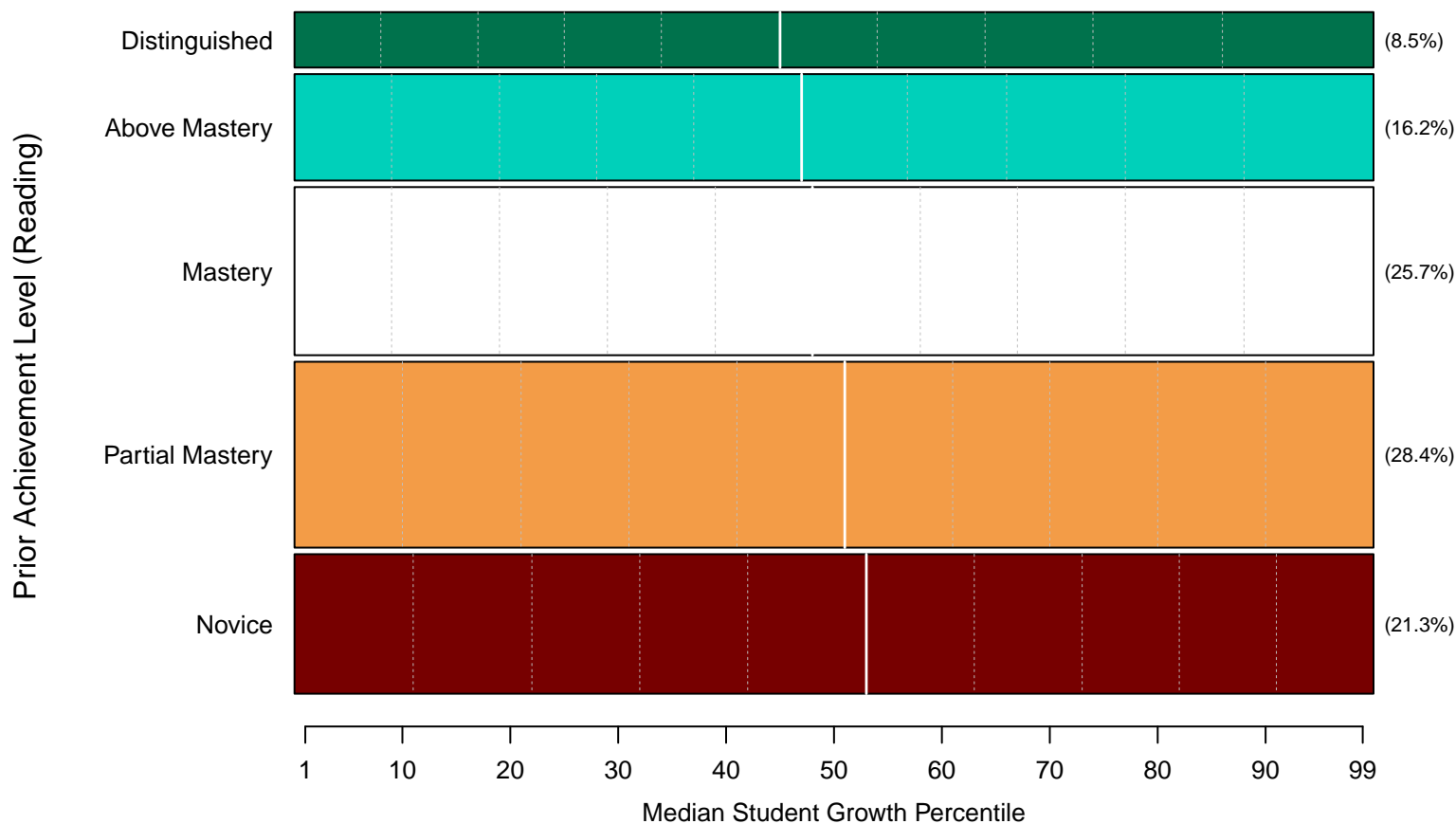## 2011–2012 Reading SGP, Grade 9 (N = 18,124)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percent
Distinguished	(8.5%)
Above Mastery	(16.2%)
Mastery	(25.7%)
Partial Mastery	(28.4%)
Novice	(21.3%)

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/[145,423)	7.45	8.19	10.26	10.43	9.46	10.09	10.26	10.72	11.00	12.15	(9.6%)
2nd/[423,445)	9.51	10.02	8.95	9.68	9.23	9.74	10.13	10.92	11.14	10.69	(9.8%)
3rd/[445,459)	8.85	8.54	11.12	9.75	9.69	10.48	11.06	9.91	10.70	9.91	(10.5%)
4th/[459,471)	9.40	8.88	8.88	10.50	9.57	9.63	10.55	11.53	10.21	10.84	(9.6%)
5th/[471,481)	10.14	10.20	9.44	10.41	9.98	10.47	10.03	9.38	9.87	10.09	(10.2%)
6th/[481,491)	9.90	9.68	9.22	10.24	10.70	10.70	9.96	10.53	10.75	8.32	(9.7%)
7th/[491,501)	9.76	9.60	9.97	10.83	10.19	10.56	10.77	10.03	10.13	8.16	(10.3%)
8th/[501,513)	10.87	11.05	11.42	10.01	10.68	10.32	10.01	8.97	8.79	7.88	(9%)
9th/[513,533)	10.44	10.82	11.84	9.85	11.36	9.31	9.74	9.15	8.29	9.20	(10.3%)
10th/[533,668]	11.22	11.52	10.61	10.87	10.01	10.06	10.76	9.31	8.00	7.65	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution