Student Growth Percentile Goodness–of–Fit Descriptives
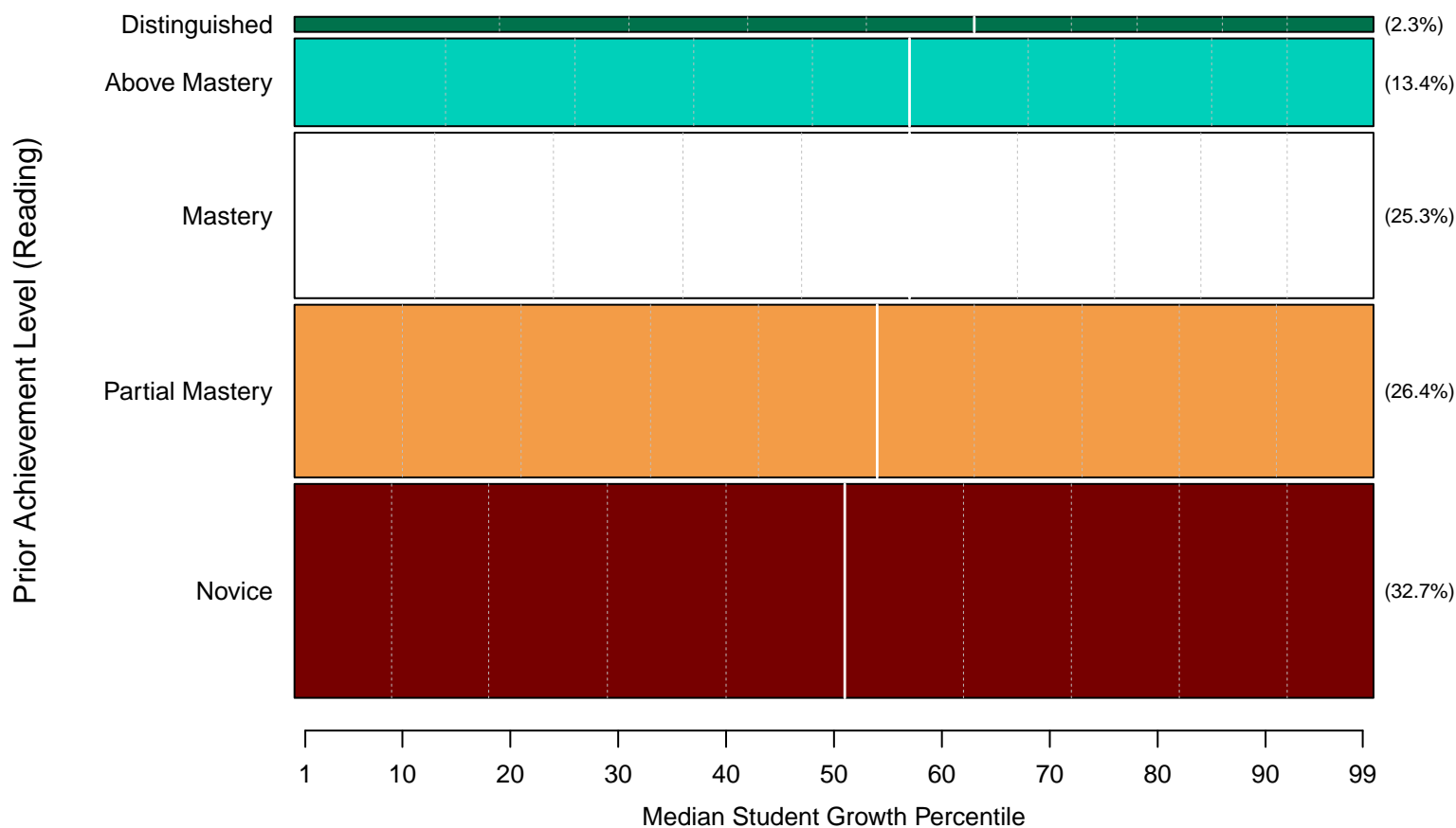## 2010–2011 Reading SGP, Grade 5 (N = 19,288)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percent
Distinguished	(2.3%)
Above Mastery	(13.4%)
Mastery	(25.3%)
Partial Mastery	(26.4%)
Novice	(32.7%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

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/[133,394)	13.33	12.67	9.28	9.89	9.45	8.57	8.03	8.63	9.34	10.81	(9.5%)
2nd/[394,412)	10.45	9.20	8.76	9.95	9.95	8.71	9.70	10.00	10.70	12.59	(10.4%)
3rd/[412,424)	9.63	9.58	8.64	8.95	8.43	9.95	10.00	11.05	11.05	12.72	(9.9%)
4th/[424,433)	10.32	8.32	9.85	8.50	10.38	8.97	9.50	10.68	11.21	12.27	(8.8%)
5th/[433,442)	9.10	10.01	8.19	8.79	9.40	10.43	11.22	10.13	10.79	11.95	(8.5%)
6th/[442,452)	9.17	9.04	8.34	9.56	9.82	9.60	10.08	10.87	11.52	12.00	(11.9%)
7th/[452,460)	8.20	8.76	7.65	9.91	9.42	9.91	11.01	10.90	11.67	12.56	(9.4%)
8th/[460,470)	7.45	8.09	8.82	8.36	8.86	9.77	10.77	11.45	12.05	14.36	(11.4%)
9th/[470,482)	7.35	7.40	8.87	10.23	8.93	10.67	9.42	11.11	12.96	13.06	(9.5%)
10th/[482,564]	6.15	7.22	8.10	8.69	9.03	10.30	10.49	13.13	12.69	14.20	(10.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100

Empirical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100