Student Growth Percentile Goodness–of–Fit Descriptives
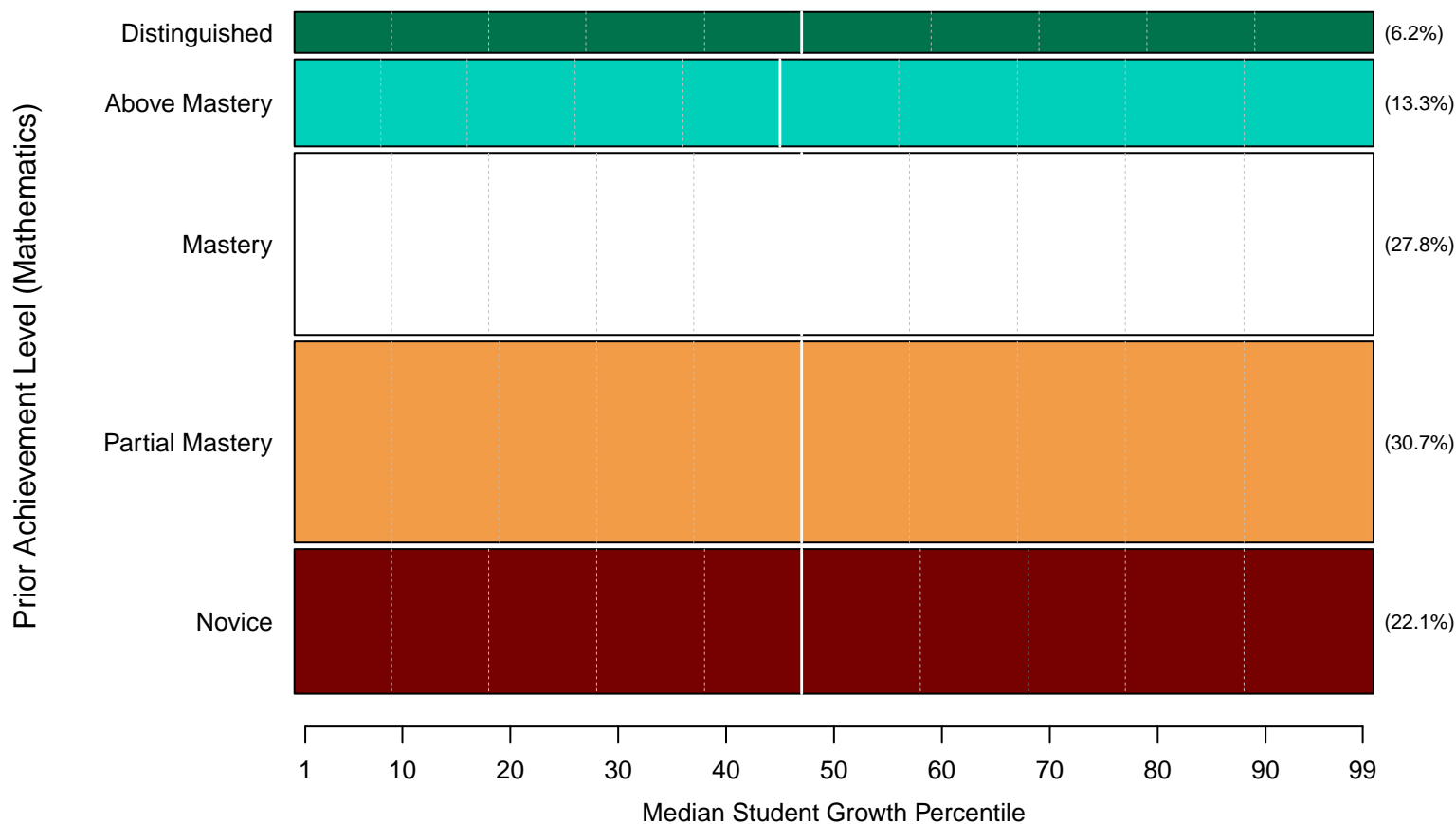## 2012–2013 Mathematics SGP, Grade 5 (N = 17,381)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	(%)
Distinguished	(6.2%)
Above Mastery	(13.3%)
Mastery	(27.8%)
Partial Mastery	(30.7%)
Novice	(22.1%)

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/[403,527)	11.51	8.89	8.97	11.96	10.54	9.94	9.04	10.24	9.79	9.12	(7.7%)
2nd/[527,553)	10.77	10.87	10.66	9.73	9.52	10.25	10.20	10.51	9.47	8.02	(11.1%)
3rd/[553,568)	9.53	10.53	11.86	11.59	10.70	9.37	9.42	10.25	8.54	8.20	(10.4%)
4th/[568,578)	11.27	11.04	10.60	10.97	10.60	10.30	9.03	7.16	10.67	8.36	(7.7%)
5th/[578,591)	10.20	9.48	10.50	11.08	10.06	9.77	11.32	9.28	9.52	8.79	(11.8%)
6th/[591,600)	9.44	10.84	8.60	11.82	10.77	10.70	9.93	7.97	9.86	10.07	(8.2%)
7th/[600,612)	10.47	10.93	10.65	10.42	10.05	10.93	8.97	9.95	10.19	7.43	(12.3%)
8th/[612,621)	11.30	10.38	10.61	10.92	9.92	10.38	10.23	8.40	8.70	9.16	(7.5%)
9th/[621,638)	11.61	11.38	10.67	9.60	10.49	9.55	10.25	9.36	8.43	8.66	(12.3%)
10th/[638,820]	12.04	10.46	10.62	10.57	9.40	8.45	9.03	10.46	9.24	9.72	(10.9%)

*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