Student Growth Percentile Goodness–of–Fit Descriptives
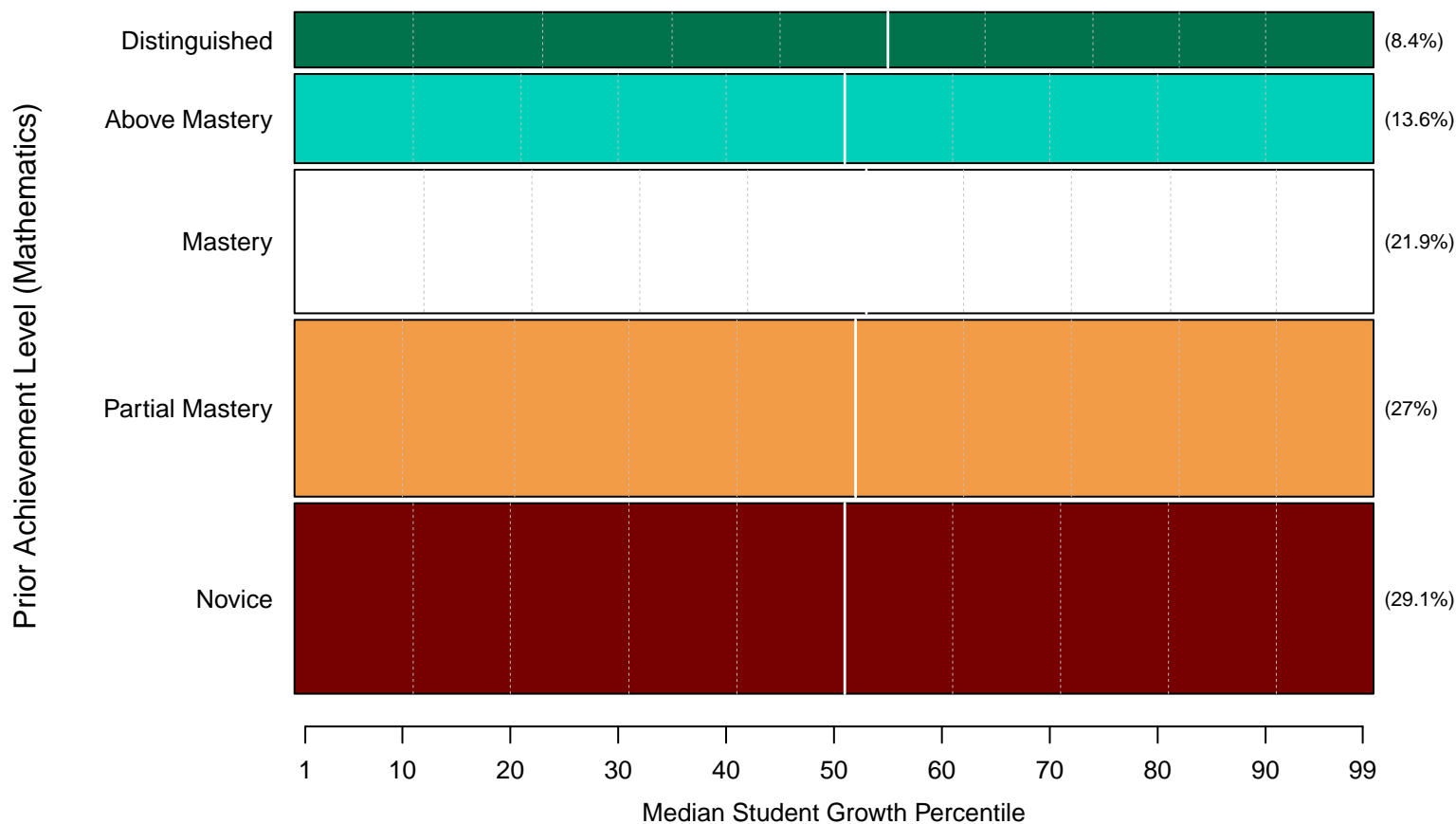## 2011–2012 Mathematics SGP, Grade 10 (N = 17,527)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Distinguished	(8.4%)
Above Mastery	(13.6%)
Mastery	(21.9%)
Partial Mastery	(27%)
Novice	(29.1%)

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/[513,557]	8.40	10.45	9.63	9.90	10.38	10.38	10.11	10.25	9.49	11.00	(8.4%)
2nd/[557,622]	8.49	11.95	8.00	9.22	10.07	11.10	9.16	9.16	10.92	11.95	(9.4%)
3rd/[622,642]	8.63	11.06	9.64	9.64	9.94	9.64	10.25	10.30	10.25	10.65	(11.3%)
4th/[642,649]	9.47	8.52	10.51	8.33	8.52	11.17	10.89	9.94	10.42	12.22	(6%)
5th/[649,660]	9.85	9.69	10.21	8.81	9.85	9.54	9.02	10.11	11.20	11.72	(10.9%)
6th/[660,668]	8.90	9.93	9.18	10.15	9.64	9.01	11.01	10.44	9.75	11.98	(10%)
7th/[668,679]	7.92	10.35	8.90	9.32	10.07	10.59	10.30	10.82	10.40	11.33	(12.2%)
8th/[679,688]	7.33	10.62	10.32	10.09	9.09	10.15	9.33	10.26	11.61	11.20	(9.7%)
9th/[688,702]	8.50	10.15	10.47	10.73	9.09	9.40	9.99	10.89	9.46	11.32	(10.7%)
10th/[702,900]	8.47	8.57	9.18	9.08	10.49	10.34	10.94	10.84	11.25	10.84	(11.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution