Student Growth Percentile Goodness–of–Fit Descriptives
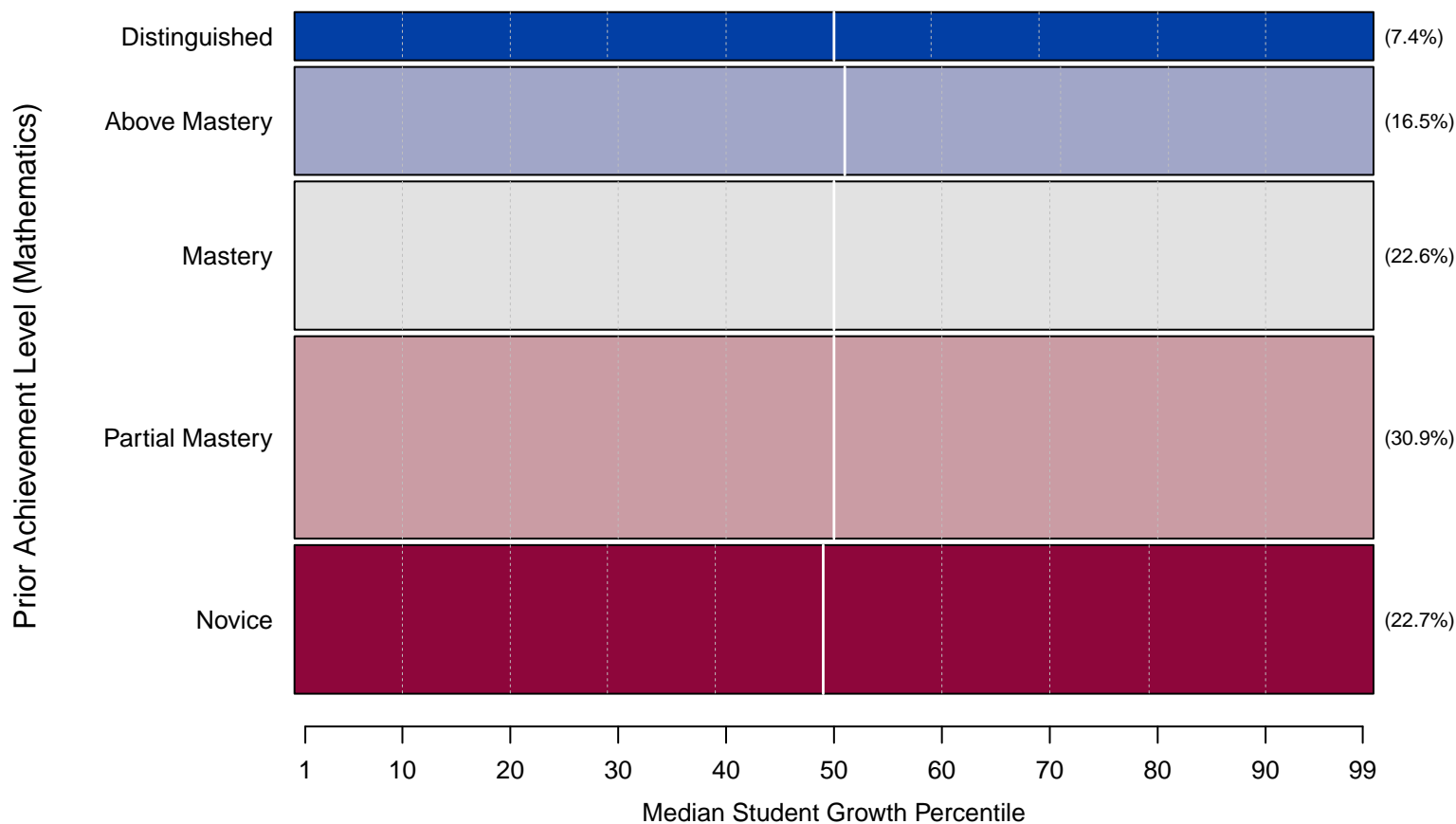## 2013–2014 Mathematics SGP, Grade 6 (N = 17,243)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percent
Distinguished	(7.4%)
Above Mastery	(16.5%)
Mastery	(22.6%)
Partial Mastery	(30.9%)
Novice	(22.7%)

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/[430,548)	9.77	10.02	9.77	9.96	10.39	9.46	9.77	10.27	10.14	10.46	(9.3%)
2nd/[548,571)	9.99	10.11	10.76	9.99	9.63	10.40	10.29	9.87	9.33	9.63	(9.8%)
3rd/[571,582)	9.95	9.47	9.95	10.51	10.19	9.08	9.47	9.95	10.91	10.51	(7.3%)
4th/[582,597)	9.38	10.41	9.87	10.02	9.97	9.97	9.78	9.87	9.38	11.34	(11.9%)
5th/[597,610)	9.88	9.68	10.04	9.88	9.93	10.14	10.70	9.98	10.14	9.63	(11.3%)
6th/[610,618)	9.72	10.44	10.51	9.28	9.06	9.43	10.30	9.79	10.73	10.73	(8%)
7th/[618,630)	8.63	9.90	9.75	10.46	10.41	10.36	9.59	10.71	10.00	10.20	(11.4%)
8th/[630,643)	9.93	9.39	10.09	10.63	9.44	9.77	10.25	9.44	9.17	11.87	(10.7%)
9th/[643,656)	9.97	11.26	10.38	9.90	9.83	8.60	10.24	9.42	10.51	9.90	(8.5%)
10th/[656,830]	9.45	9.75	9.45	9.84	9.89	10.63	9.94	10.24	10.28	10.53	(11.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution