Student Growth Percentile Goodness–of–Fit Descriptives
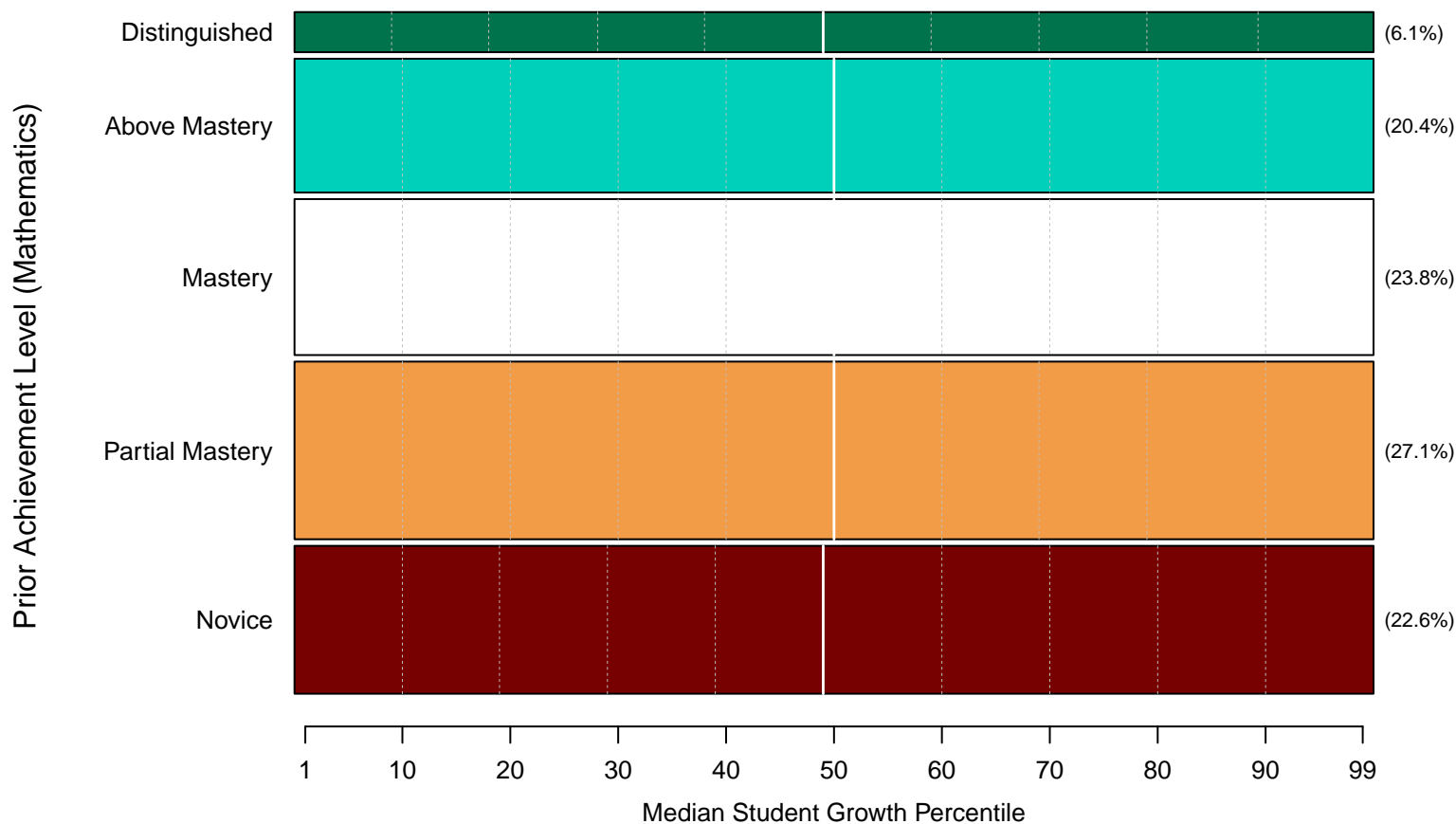## 2012–2013 Mathematics SGP, Grade 6 (N = 18,929)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percent
Distinguished	(6.1%)
Above Mastery	(20.4%)
Mastery	(23.8%)
Partial Mastery	(27.1%)
Novice	(22.6%)

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/[430,553]	9.84	10.15	10.15	9.84	9.84	10.31	9.57	10.10	10.10	10.10	(9.9%)
2nd/[553,574]	10.29	10.23	10.64	10.69	9.71	9.77	9.71	9.08	9.25	10.64	(9.1%)
3rd/[574,590]	9.09	9.67	9.33	9.48	10.21	9.77	10.60	10.70	10.31	10.84	(10.9%)
4th/[590,600]	10.22	9.67	10.29	9.87	9.74	9.67	10.99	10.01	9.87	9.67	(7.6%)
5th/[600,613]	9.58	10.45	10.54	9.80	10.28	10.28	9.41	9.58	9.80	10.28	(12.1%)
6th/[613,621]	8.09	10.28	10.81	9.95	11.74	10.54	9.68	10.21	8.82	9.88	(8%)
7th/[621,634]	10.47	9.99	9.46	9.64	9.37	9.11	11.17	10.21	10.47	10.12	(12.1%)
8th/[634,642]	9.34	9.20	9.84	11.27	8.13	10.70	10.20	9.77	10.49	11.06	(7.4%)
9th/[642,661]	9.84	10.58	9.32	9.58	10.37	9.41	10.02	10.19	9.84	10.84	(12.1%)
10th/[661,830]	9.91	10.40	10.45	9.96	10.26	9.96	9.72	9.86	9.81	9.67	(10.8%)

*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