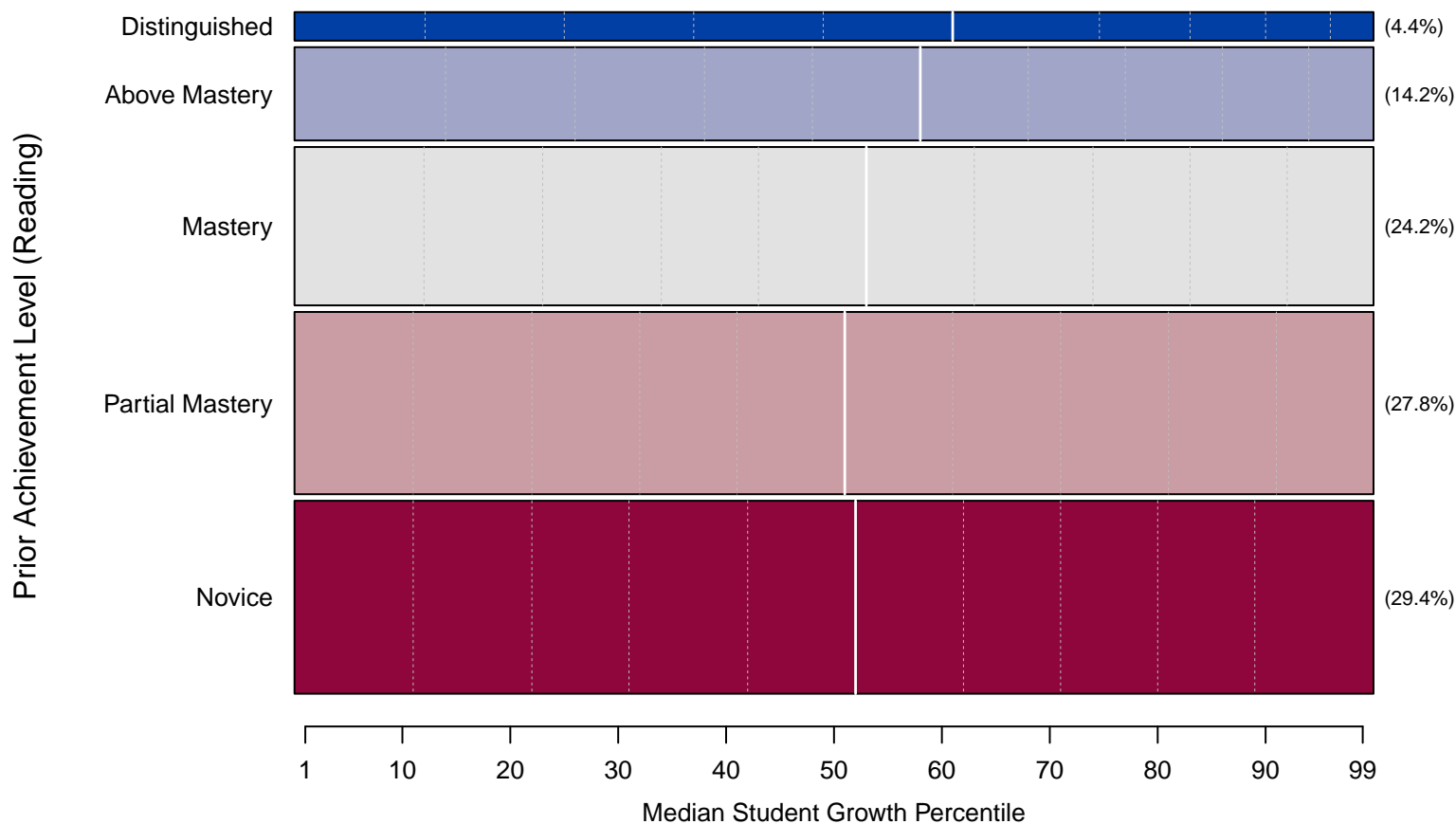# Student Growth Percentile Goodness–of–Fit Descriptives
2013–2014 Reading SGP, Grade 6 (N = 17,249)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Distinguished (4.4%)
- Above Mastery (14.2%)
- Mastery (24.2%)
- Partial Mastery (27.8%)
- Novice (29.4%)

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/[137,404)	8.88	9.47	10.12	9.41	8.05	9.82	11.12	11.72	11.89	9.53	(9.8%)
2nd/[404,422)	8.01	10.55	10.74	9.92	9.41	10.62	10.11	11.63	10.55	8.46	(9.1%)
3rd/[422,435)	7.55	8.43	10.25	10.25	10.58	11.24	10.19	11.46	8.71	11.35	(10.5%)
4th/[435,444)	7.76	9.48	9.99	10.62	10.05	9.61	10.81	9.99	11.26	10.43	(9.1%)
5th/[444,453)	7.76	9.85	10.85	10.90	10.15	8.98	10.96	9.45	10.38	10.73	(9.9%)
6th/[453,462)	8.89	9.21	10.29	10.61	9.38	10.51	9.86	8.46	9.86	12.93	(10.8%)
7th/[462,471)	7.16	8.46	10.60	9.81	10.43	9.93	10.04	9.93	12.01	11.62	(10.3%)
8th/[471,482)	8.26	8.54	9.00	10.14	9.91	9.23	10.65	10.08	10.71	13.50	(10.2%)
9th/[482,496)	7.38	8.49	7.85	8.79	9.31	10.08	10.37	10.13	11.54	16.05	(9.9%)
10th/[496,712]	7.14	6.98	8.65	8.48	10.10	9.60	8.04	11.22	11.33	18.47	(10.4%)

*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