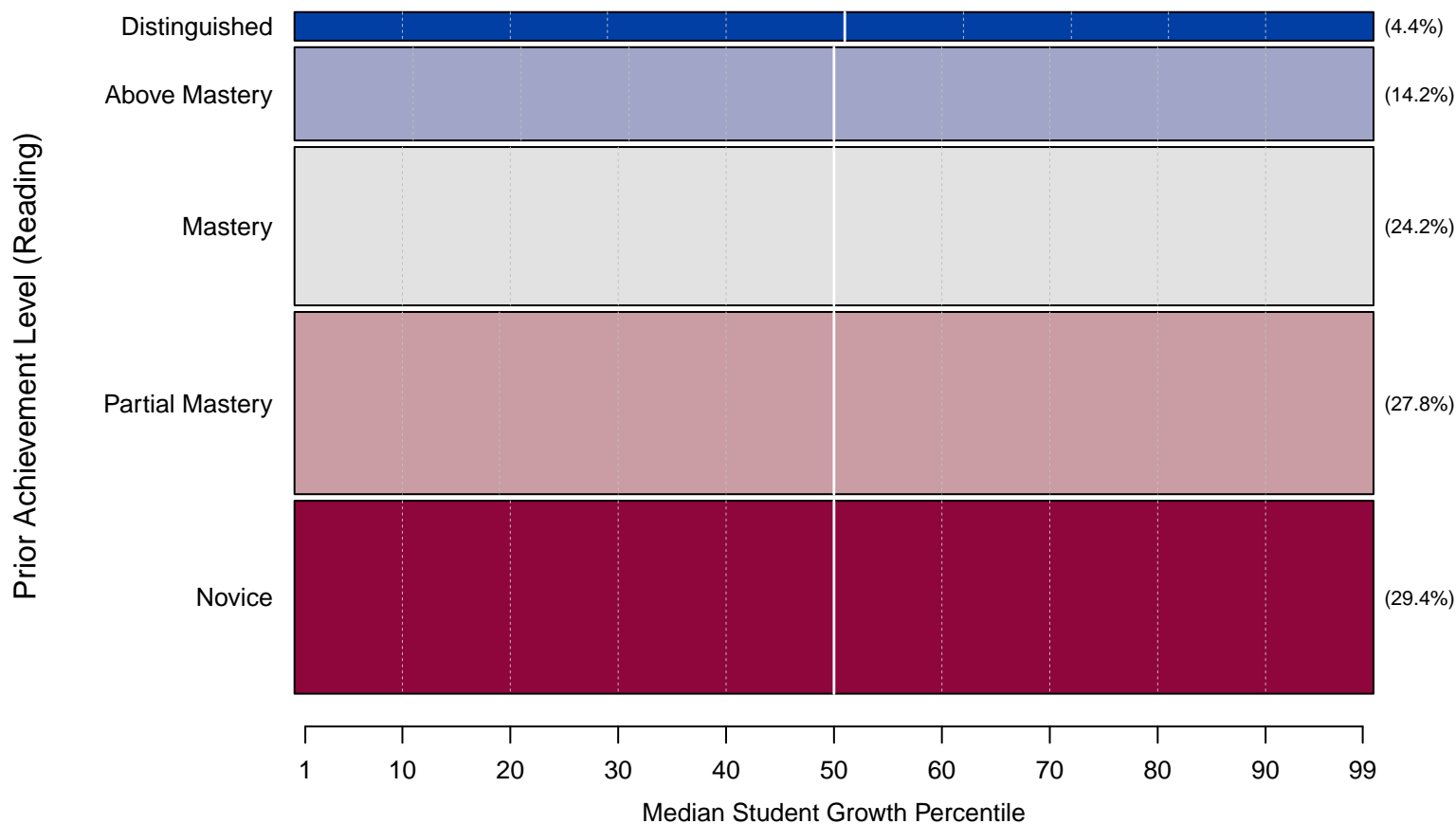# Student Growth Percentile Goodness–of–Fit Descriptives
2013–2014 Reading SGP, Grade 6 (N = 17,249)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

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

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/[137,404)	9.94	10.18	9.94	10.41	10.00	10.18	9.82	9.82	9.76	9.94	(9.8%)
2nd/[404,422)	10.04	10.81	10.36	8.96	10.11	9.28	10.30	9.54	10.49	10.11	(9.1%)
3rd/[422,435)	9.15	8.43	10.80	10.47	9.59	10.80	9.70	10.63	9.04	11.40	(10.5%)
4th/[435,444)	9.73	10.37	8.91	9.86	10.37	9.80	10.18	9.41	10.75	10.62	(9.1%)
5th/[444,453)	9.04	10.79	10.15	10.32	10.09	10.03	9.80	10.09	9.85	9.85	(9.9%)
6th/[453,462)	10.29	10.02	9.81	10.13	10.08	9.75	9.16	9.43	10.18	11.15	(10.8%)
7th/[462,471)	7.84	10.55	10.21	9.87	9.87	10.10	10.15	10.49	11.28	9.64	(10.3%)
8th/[471,482)	10.19	9.68	9.51	10.82	9.79	9.00	10.76	10.14	8.77	11.33	(10.2%)
9th/[482,496)	9.96	9.84	9.37	9.43	9.96	10.95	9.37	9.78	10.08	11.25	(9.9%)
10th/[496,712]	9.10	9.88	10.60	9.99	10.04	9.54	10.16	10.10	10.38	10.21	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution