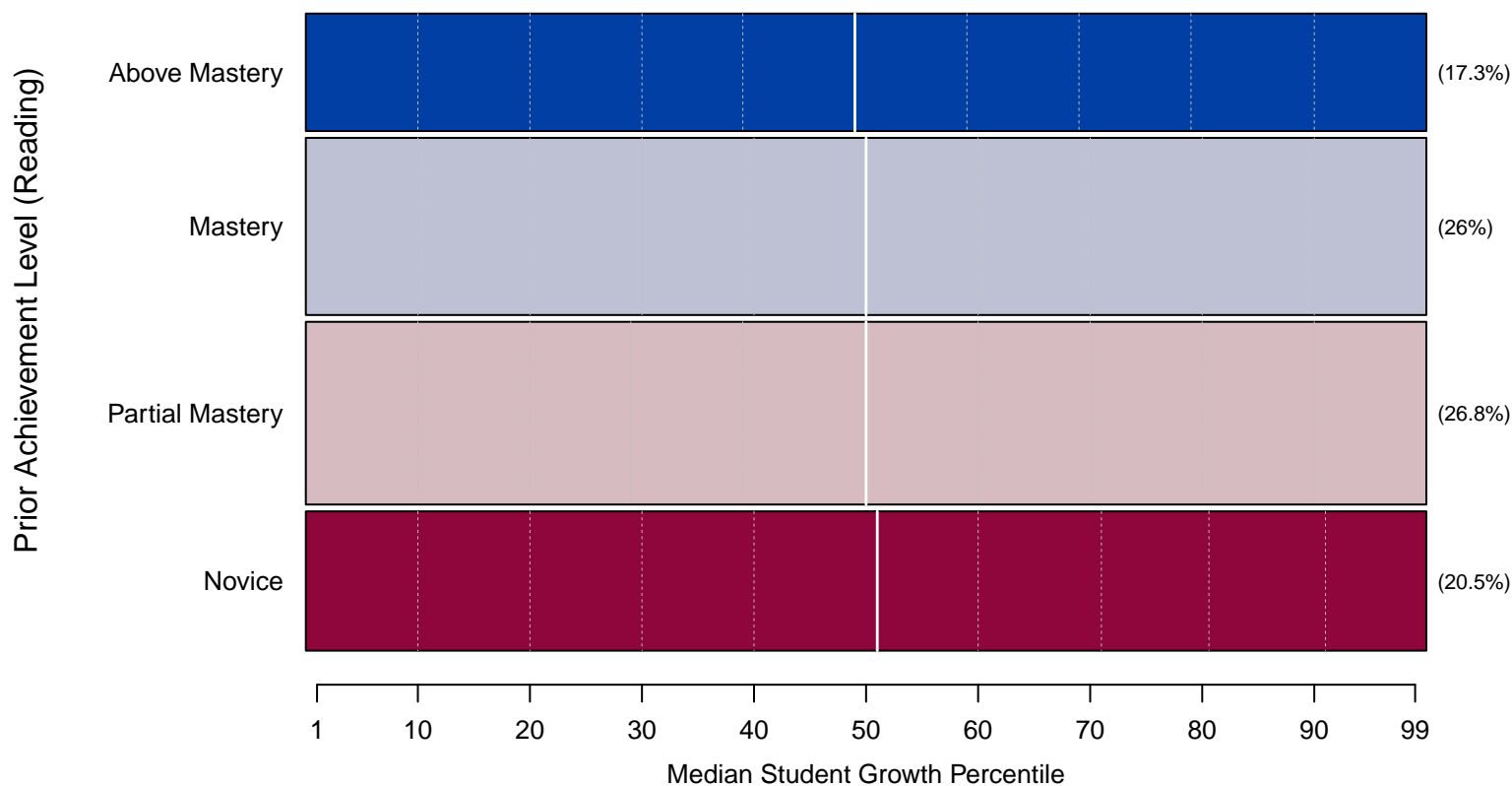# Student Growth Percentile Goodness–of–Fit Descriptives
2014–2015 Reading SGP, Grade 7 (N = 19,023)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Above Mastery — (17.3%)
- Mastery — (26%)
- Partial Mastery — (26.8%)
- Novice — (20.5%)

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/[140,423)	10.26	10.09	10.37	9.65	10.21	9.87	9.10	9.60	9.76	11.09	(9.5%)
2nd/[423,441)	8.84	10.01	9.20	10.36	9.65	10.06	10.46	10.36	9.90	11.17	(10.4%)
3rd/[441,454)	9.17	10.59	10.43	9.54	9.96	10.64	9.70	10.01	9.91	10.06	(10%)
4th/[454,463)	10.19	8.76	10.76	9.79	9.68	8.88	9.85	10.07	10.13	11.90	(9.2%)
5th/[463,472)	10.51	10.69	10.05	9.47	9.41	9.76	10.57	9.81	9.76	9.99	(9.1%)
6th/[472,482)	9.24	10.66	9.76	9.43	10.61	9.85	10.23	9.71	10.18	10.33	(11.1%)
7th/[482,492)	9.35	9.92	10.12	10.28	9.87	10.85	9.71	9.71	9.55	10.64	(10.1%)
8th/[492,504)	9.56	9.05	9.66	10.33	9.92	8.95	10.07	9.92	11.39	11.14	(10.3%)
9th/[504,520)	9.67	10.05	10.43	10.10	10.32	10.65	9.07	10.76	9.23	9.72	(9.6%)
10th/[520,694]	9.60	10.10	9.75	9.75	9.75	9.80	10.80	9.15	10.15	11.14	(10.6%)

*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