Student Growth Percentile Goodness–of–Fit Descriptives
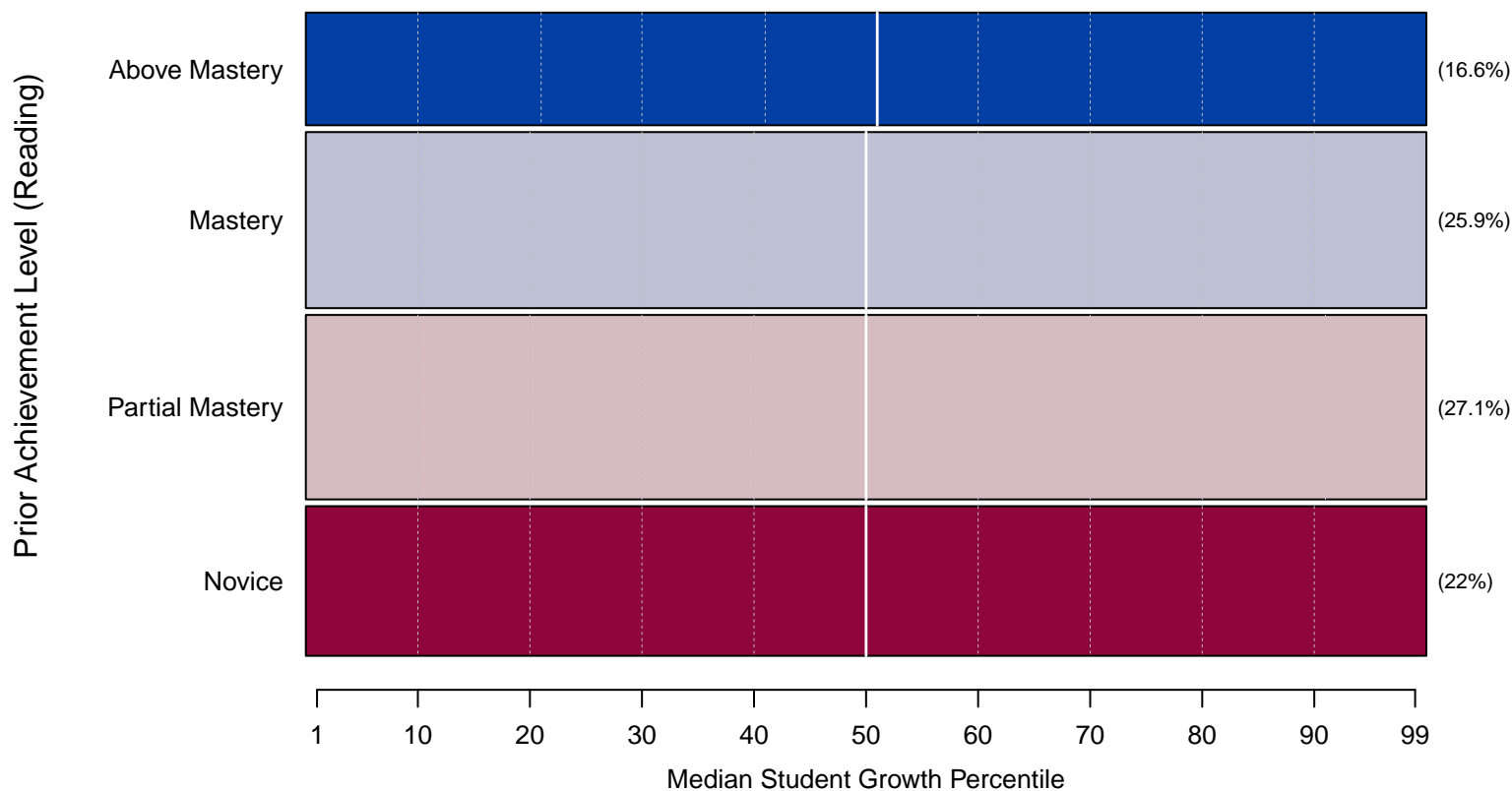## 2014–2015 Reading SGP, Grade 8 (N = 18,839)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Above Mastery (16.6%)
- Mastery (25.9%)
- Partial Mastery (27.1%)
- Novice (22%)

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/[142,424)	9.73	9.18	10.55	10.22	9.73	10.22	9.29	10.16	10.05	10.87	(9.7%)
2nd/[424,444)	8.98	11.55	9.14	10.92	10.29	9.24	10.77	9.66	9.51	9.93	(10.1%)
3rd/[444,458)	10.27	9.91	10.85	9.22	10.27	9.11	9.75	9.75	10.48	10.38	(10.1%)
4th/[458,469)	8.90	9.11	10.17	11.12	9.27	11.55	9.90	9.59	9.53	10.86	(10%)
5th/[469,479)	10.09	11.12	8.82	8.30	10.26	9.51	10.09	10.43	9.91	11.47	(9.2%)
6th/[479,489)	8.96	10.09	10.24	10.54	9.26	10.00	9.80	10.24	9.75	11.13	(10.8%)
7th/[489,498)	9.53	9.69	10.08	9.75	10.73	10.19	10.35	9.26	10.24	10.19	(9.7%)
8th/[498,510)	10.55	9.52	10.04	9.93	9.73	8.79	9.78	11.43	10.04	10.19	(10.3%)
9th/[510,525)	9.24	9.73	9.78	9.89	10.22	10.49	10.00	9.41	10.16	11.08	(9.8%)
10th/[525,646]	9.36	10.13	10.03	10.03	9.77	10.13	9.88	10.24	9.98	10.44	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution