Student Growth Percentile Goodness–of–Fit Descriptives
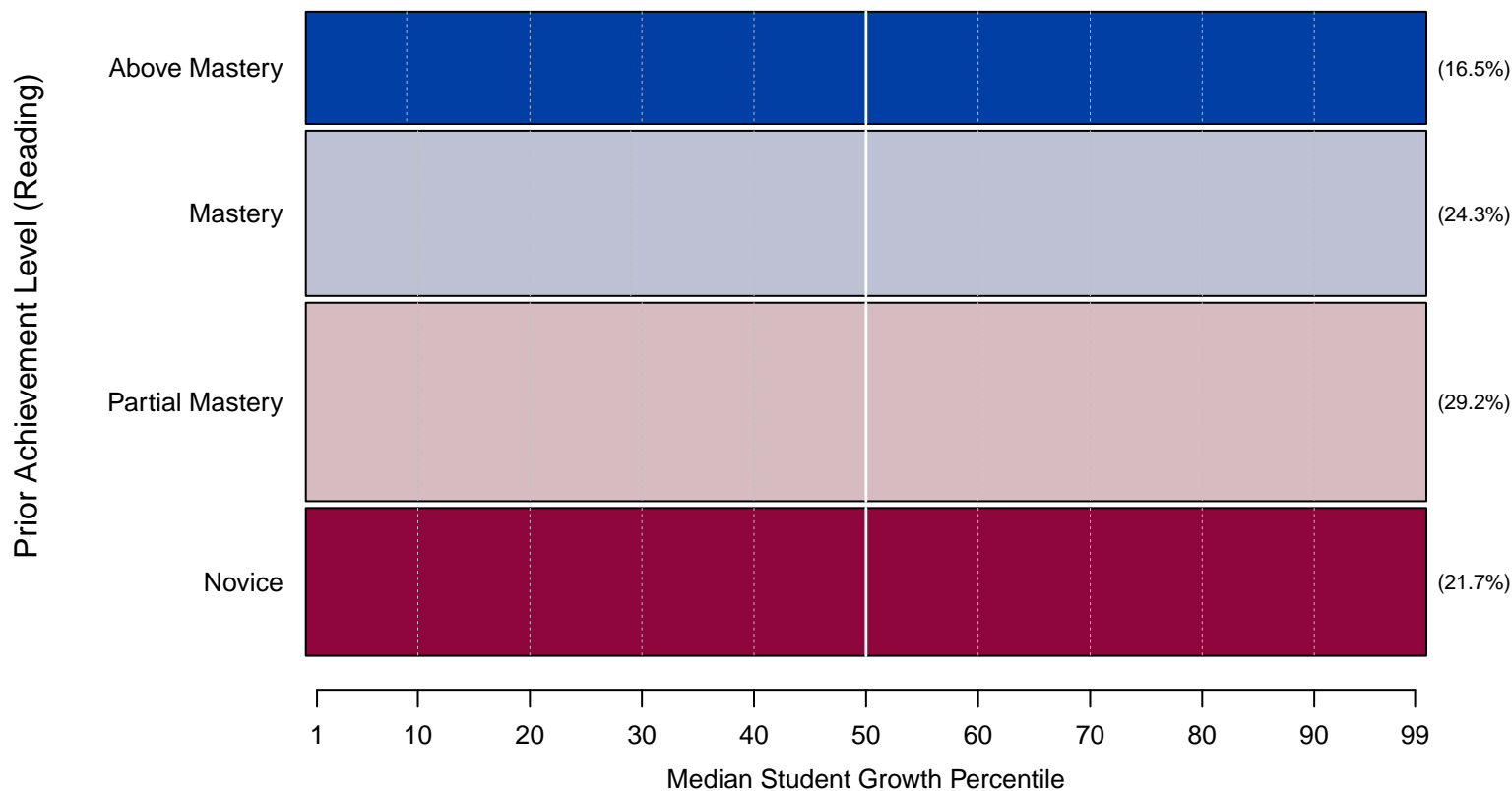## 2014–2015 Reading SGP, Grade 9 (N = 18,592)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	(%)
Above Mastery	(16.5%)
Mastery	(24.3%)
Partial Mastery	(29.2%)
Novice	(21.7%)

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/[145,425)	8.84	9.75	9.91	9.97	9.97	10.56	10.34	10.24	9.27	11.15	(10%)
2nd/[425,444)	10.70	10.42	10.07	10.24	9.68	9.62	9.22	9.90	9.68	10.47	(9.5%)
3rd/[444,458)	10.73	9.22	10.62	9.76	10.03	8.84	10.24	9.27	11.32	9.97	(10%)
4th/[458,469)	9.06	10.76	9.40	10.25	9.12	10.59	9.85	10.53	9.68	10.76	(9.5%)
5th/[469,480)	9.38	10.24	9.58	10.09	10.54	10.04	9.53	9.88	8.98	11.74	(10.7%)
6th/[480,490)	10.55	9.62	10.67	9.68	10.09	10.43	9.62	9.57	10.43	9.33	(9.3%)
7th/[490,501)	8.93	10.76	10.66	10.19	9.20	9.61	10.66	9.77	9.56	10.66	(10.3%)
8th/[501,515)	9.21	10.46	9.91	9.00	10.61	9.56	9.86	10.61	10.87	9.91	(10.7%)
9th/[515,534)	10.81	9.32	9.32	10.81	9.71	9.54	10.26	9.32	9.38	11.53	(9.8%)
10th/[534,647]	9.35	10.18	9.92	9.61	10.23	10.60	10.03	10.03	9.87	10.18	(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