Student Growth Percentile Goodness–of–Fit Descriptives
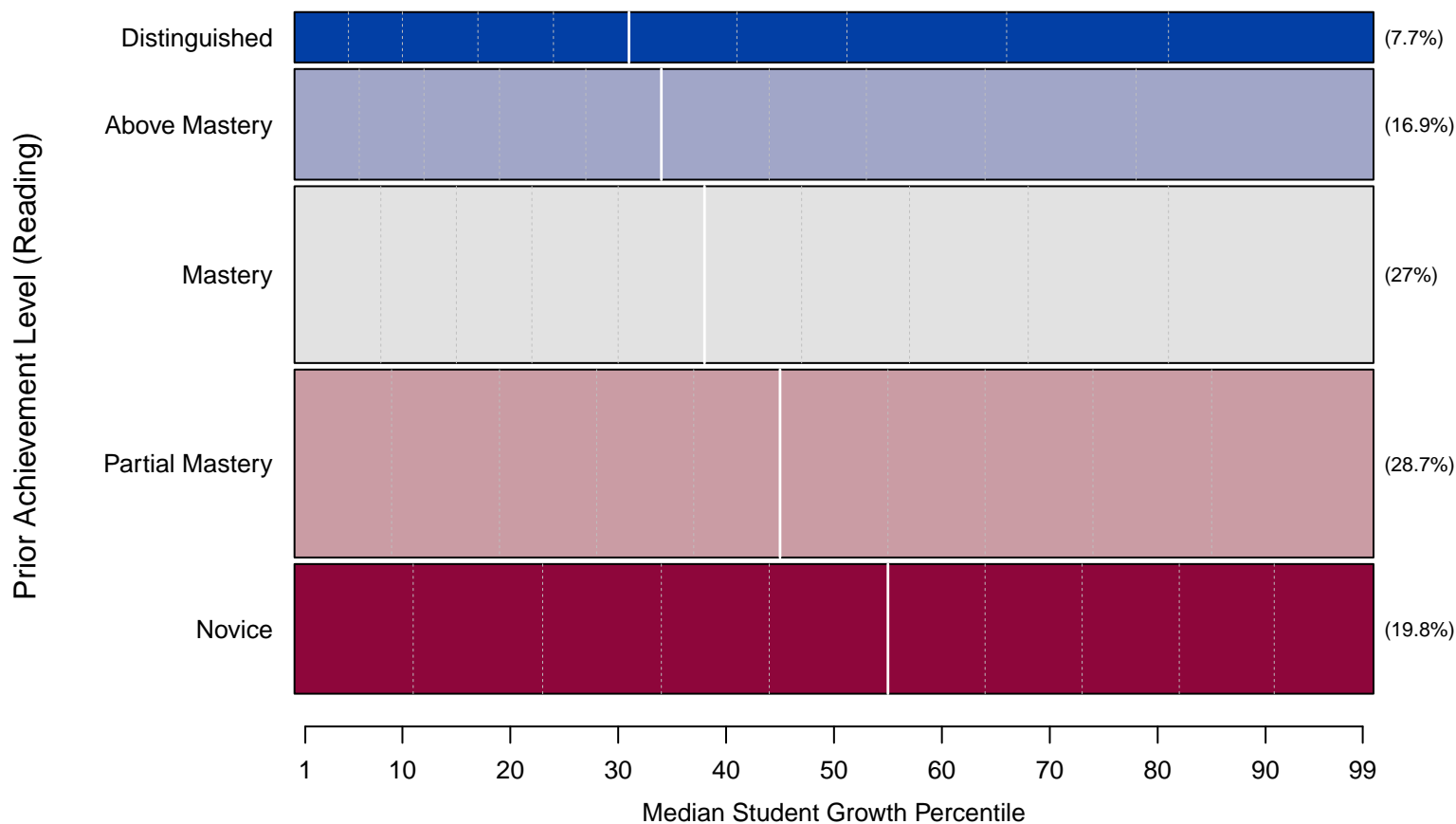## 2013–2014 Reading SGP, Grade 9 (N = 16,747)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	(%)
Distinguished	(7.7%)
Above Mastery	(16.9%)
Mastery	(27%)
Partial Mastery	(28.7%)
Novice	(19.8%)

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/[145,426)	7.98	8.37	9.22	8.11	8.24	9.88	11.18	10.66	11.90	14.45	(9.1%)
2nd/[426,448)	8.58	8.91	9.30	10.03	9.70	10.87	12.11	11.72	10.03	8.74	(10.7%)
3rd/[448,461)	9.33	9.09	10.59	11.55	11.31	10.35	10.59	10.59	9.45	7.16	(9.9%)
4th/[461,472)	9.89	11.13	10.76	11.57	10.57	11.69	11.01	9.20	8.21	5.97	(9.6%)
5th/[472,481)	11.10	11.42	11.75	11.29	11.23	10.05	10.97	8.42	8.36	5.42	(9.1%)
6th/[481,492)	11.73	12.36	12.47	12.84	10.35	11.04	9.35	7.98	7.55	4.33	(11.3%)
7th/[492,501)	13.99	14.37	13.49	12.37	9.43	9.93	9.99	5.43	7.25	3.75	(9.6%)
8th/[501,513)	12.79	14.64	13.10	12.18	12.92	8.67	7.93	7.26	5.60	4.92	(9.7%)
9th/[513,533)	14.88	15.42	13.13	11.93	9.81	10.35	8.45	6.32	5.83	3.87	(11%)
10th/[533,667]	18.66	14.43	14.25	9.66	10.44	7.75	7.93	6.50	5.84	4.53	(10%)

*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