Student Growth Percentile Goodness–of–Fit Descriptives
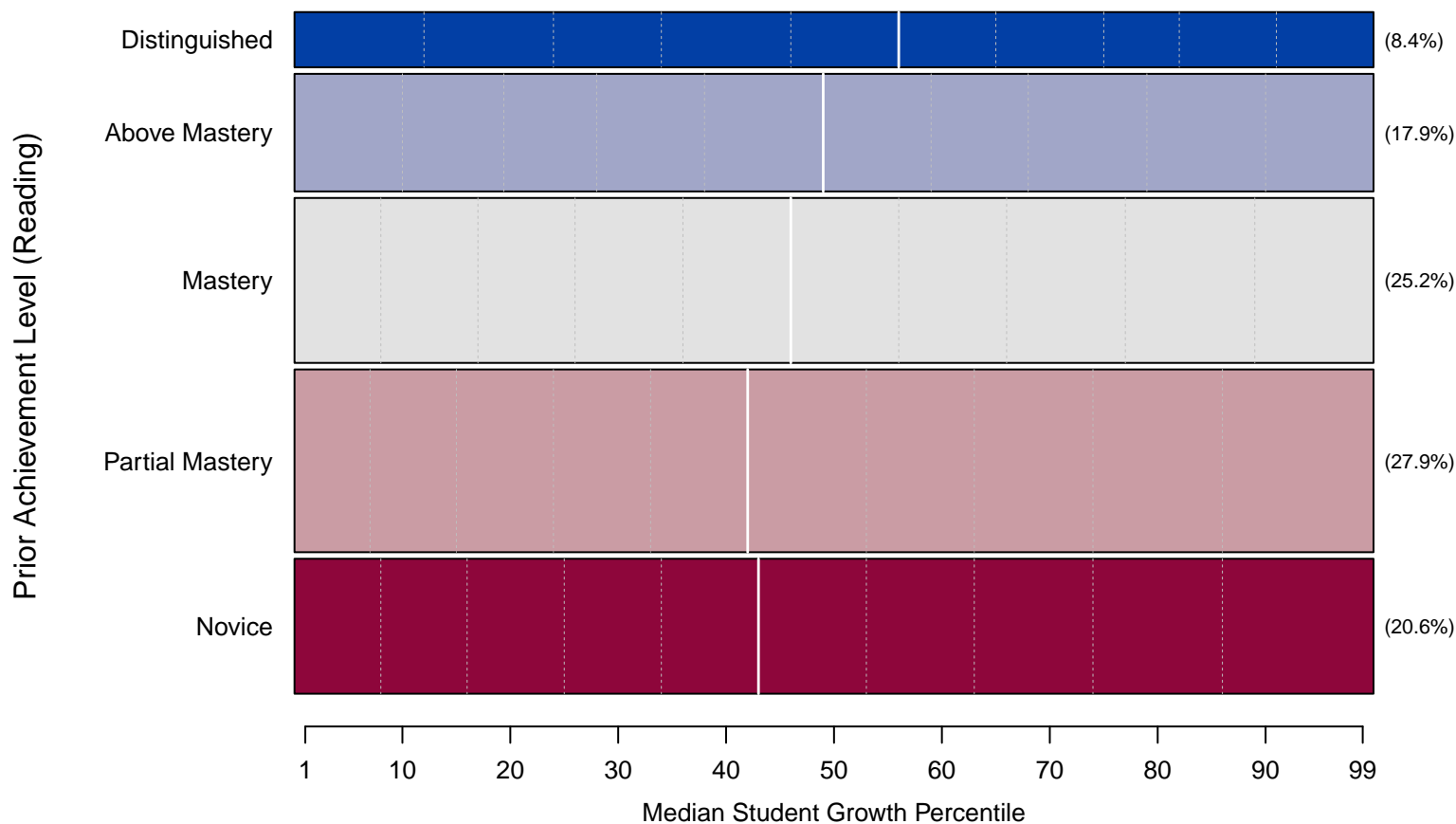## 2013–2014 Reading SGP, Grade 8 (N = 19,190)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading):

Level	Percent
Distinguished	(8.4%)
Above Mastery	(17.9%)
Mastery	(25.2%)
Partial Mastery	(27.9%)
Novice	(20.6%)

x-axis: 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/[142,426)	10.92	11.99	10.76	10.42	10.92	11.32	8.80	9.13	8.01	7.73	(9.3%)
2nd/[426,446)	12.31	12.00	11.90	10.82	10.77	9.69	9.03	8.67	7.79	7.03	(10.2%)
3rd/[446,459)	13.33	13.10	9.99	11.33	10.77	9.88	9.38	7.27	7.83	7.11	(9.4%)
4th/[459,471)	12.39	12.87	10.36	11.21	9.79	9.27	10.55	8.70	7.90	6.95	(11%)
5th/[471,480)	12.71	12.15	11.71	10.88	9.28	10.72	8.18	8.62	8.12	7.62	(9.4%)
6th/[480,490)	13.17	12.20	10.93	9.96	9.86	10.07	9.41	8.80	6.81	8.80	(10.3%)
7th/[490,500)	11.36	10.47	10.03	10.42	9.19	10.64	9.30	9.42	9.14	10.03	(9.4%)
8th/[500,511)	10.23	9.47	10.85	10.42	10.00	10.09	10.80	9.19	9.42	9.52	(10.9%)
9th/[511,526)	9.37	10.43	11.65	9.63	9.58	10.11	10.01	8.95	9.26	11.01	(9.8%)
10th/[526,693]	9.10	8.34	9.61	8.14	9.50	10.57	10.77	10.82	11.93	11.22	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (x-axis)
Empirical SGP Distribution (y-axis)