Student Growth Percentile Goodness–of–Fit Descriptives
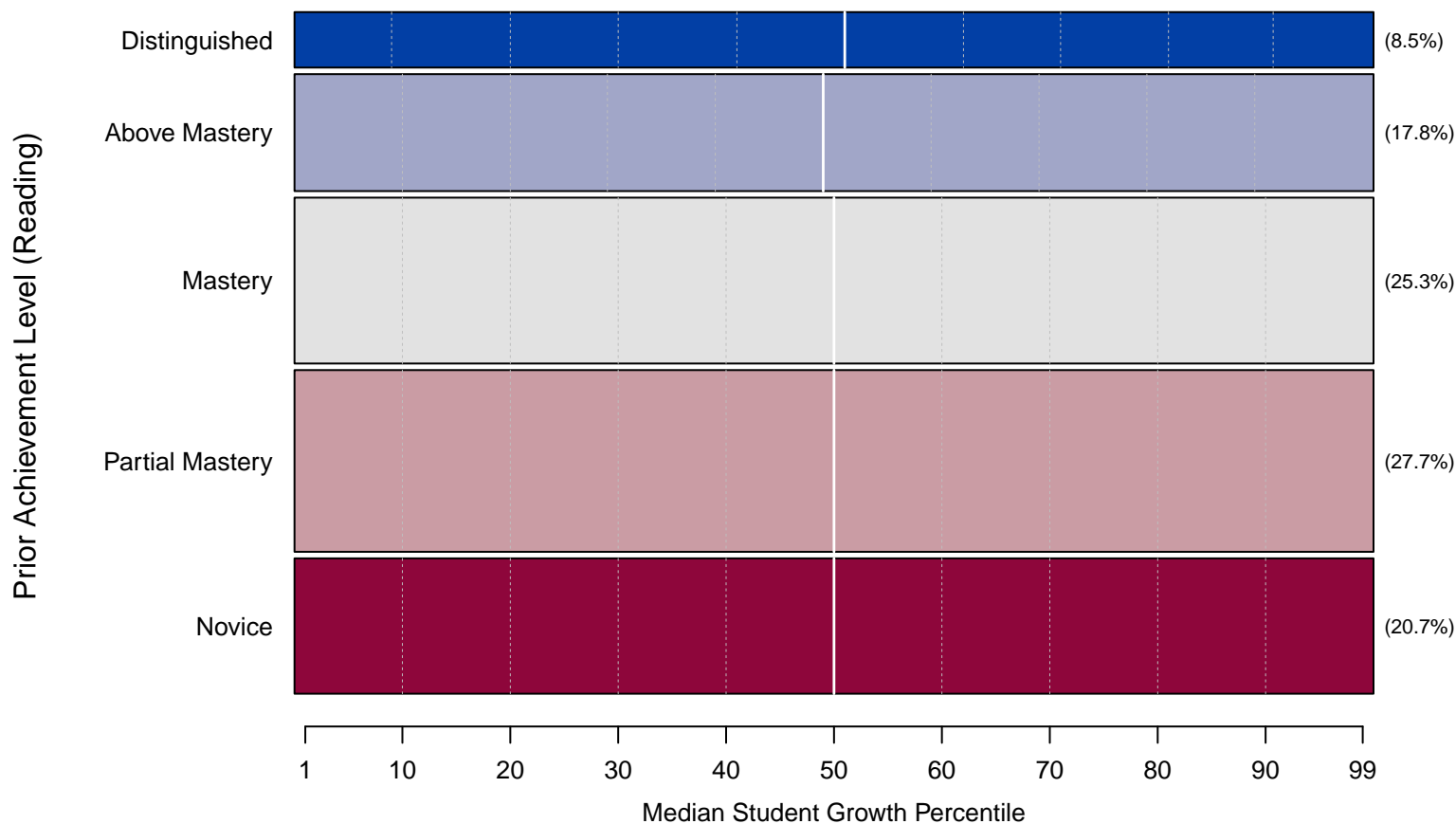## 2013–2014 Reading SGP, Grade 8 (N = 17,412)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Distinguished (8.5%)
- Above Mastery (17.8%)
- Mastery (25.3%)
- Partial Mastery (27.7%)
- Novice (20.7%)

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/[142,426)	9.81	10.36	9.63	10.18	9.87	9.75	10.12	10.42	9.44	10.42	(9.4%)
2nd/[426,446)	9.62	9.45	10.52	10.12	9.62	9.90	10.35	9.05	10.92	10.46	(10.2%)
3rd/[446,459)	9.65	10.63	8.98	10.14	10.08	10.75	8.98	9.90	9.90	11.00	(9.4%)
4th/[459,471)	9.47	9.68	9.89	10.58	9.26	10.00	10.32	9.89	10.90	10.00	(10.9%)
5th/[471,480)	9.72	9.42	11.12	9.66	10.63	9.05	11.06	9.60	9.17	10.57	(9.5%)
6th/[480,490)	10.66	9.88	11.00	9.49	9.66	9.49	10.55	9.27	9.66	10.33	(10.3%)
7th/[490,500)	9.39	9.27	8.78	10.43	9.88	10.18	9.57	10.55	10.98	10.98	(9.4%)
8th/[500,511)	8.89	9.74	9.31	9.84	10.53	11.06	10.53	10.42	9.84	9.84	(10.9%)
9th/[511,526)	8.80	11.08	10.44	10.50	10.79	9.91	9.27	9.80	8.92	10.50	(9.8%)
10th/[526,693]	10.64	8.98	10.25	9.65	9.26	9.76	10.20	9.70	10.81	10.75	(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