Student Growth Percentile Goodness–of–Fit Descriptives
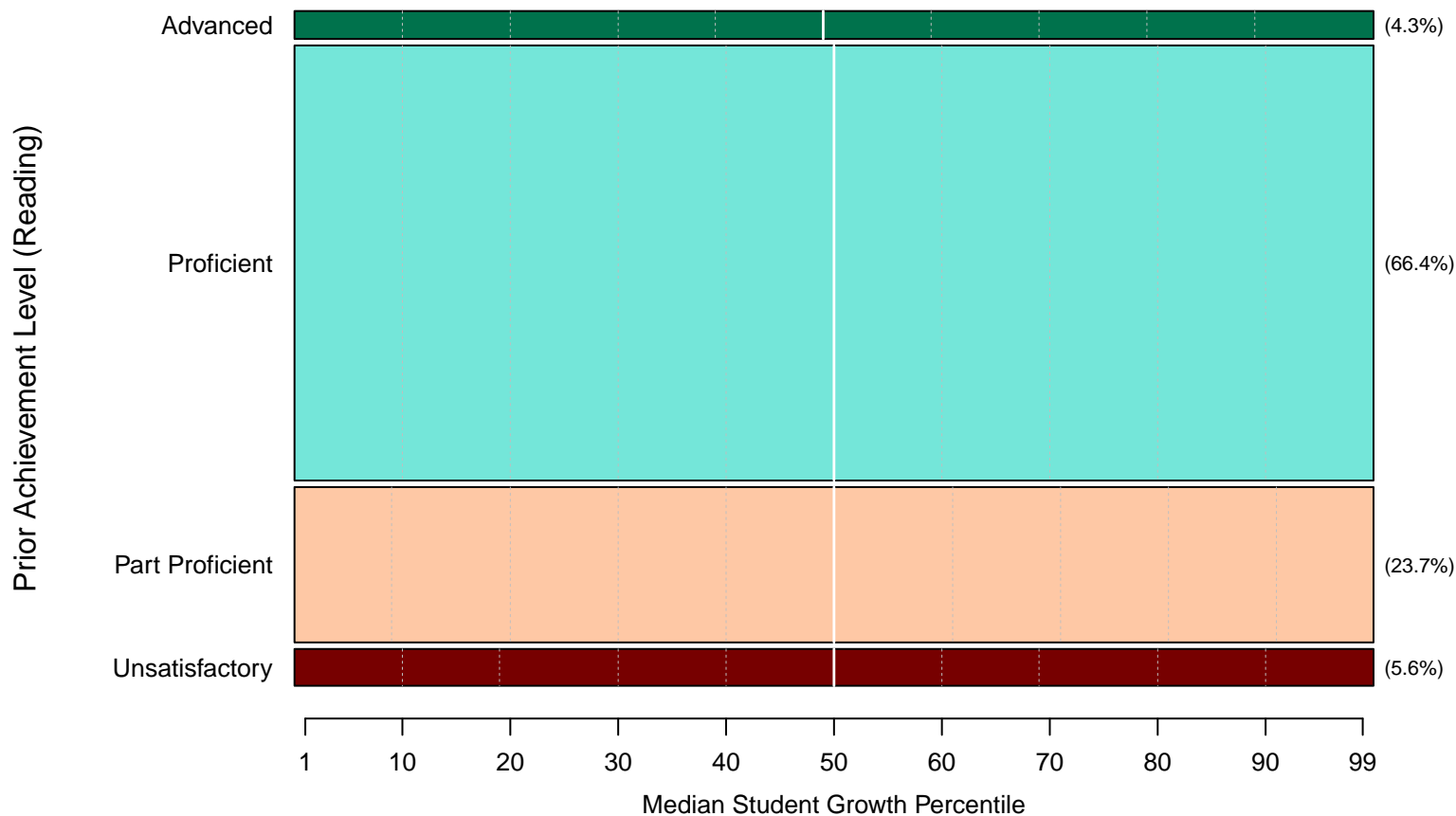## 2013 Reading SGP, Grade 10 (N = 53,437)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Advanced (4.3%)
Proficient (66.4%)
Part Proficient (23.7%)
Unsatisfactory (5.6%)

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/[350,604)	9.36	10.22	9.81	9.74	10.19	9.90	10.34	9.44	10.22	10.79	(10%)
2nd/[604,628)	10.07	9.51	9.46	9.91	9.76	9.93	9.23	10.09	9.85	12.19	(10%)
3rd/[628,642)	10.73	9.67	9.85	9.85	9.97	9.35	10.07	10.15	10.17	10.17	(9.4%)
4th/[642,655)	9.65	10.10	10.20	10.29	9.74	9.33	10.01	9.77	9.77	11.13	(10.5%)
5th/[655,666)	9.27	10.24	9.79	9.72	9.39	9.95	9.81	9.79	10.90	11.13	(9.7%)
6th/[666,677)	9.87	10.34	9.02	10.19	9.85	10.54	9.96	10.11	9.53	10.60	(10%)
7th/[677,689)	9.92	9.48	10.07	9.78	9.81	9.55	9.98	10.49	10.22	10.70	(10.2%)
8th/[689,702)	9.93	10.12	10.18	9.95	10.46	9.42	9.67	9.61	10.03	10.63	(9.9%)
9th/[702,721)	9.67	10.07	9.60	10.42	9.99	9.74	10.21	10.12	9.74	10.42	(10.4%)
10th/[721,859]	9.99	9.76	9.82	9.74	9.76	10.06	10.17	10.04	10.17	10.49	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution