Student Growth Percentile Goodness–of–Fit Descriptives
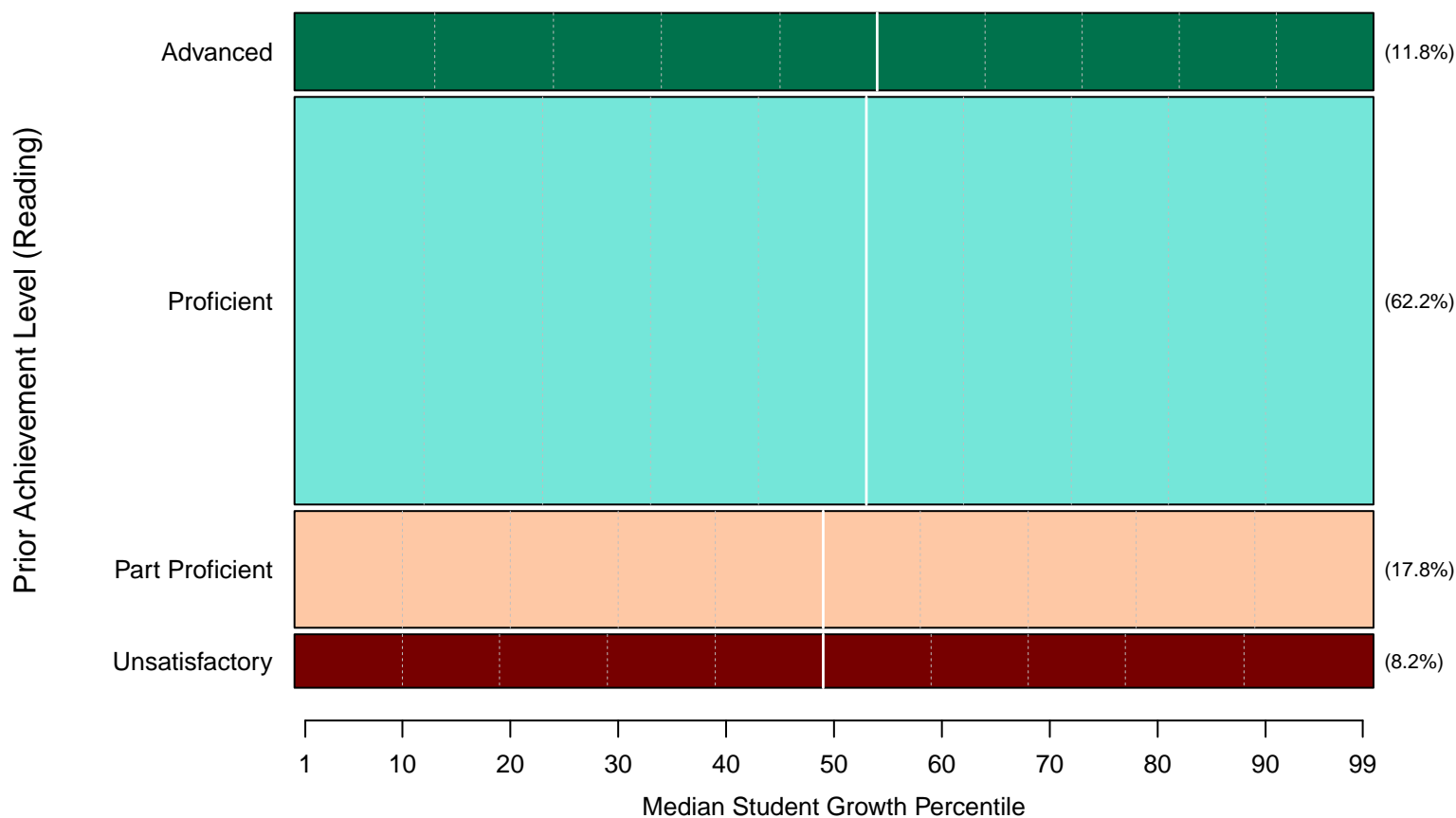## 2013 Reading SGP, Grade 7 (N = 58,380)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (11.8%)
- Proficient (62.2%)
- Part Proficient (17.8%)
- Unsatisfactory (8.2%)

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/[260,552)	9.91	10.48	10.19	10.39	10.06	10.29	10.20	10.78	8.97	8.73	(9.9%)
2nd/[552,586)	9.57	9.73	10.86	10.34	10.23	10.25	10.11	10.37	9.24	9.31	(9.8%)
3rd/[586,607)	8.59	10.03	10.29	10.91	10.12	11.10	10.12	10.74	9.11	8.99	(10%)
4th/[607,623)	7.82	10.77	10.47	9.89	10.77	11.06	9.71	9.89	10.29	9.33	(9.8%)
5th/[623,637)	7.03	10.22	9.50	10.75	9.84	11.11	10.11	10.46	10.88	10.10	(10%)
6th/[637,651)	7.57	9.53	9.11	9.45	10.07	11.88	10.29	10.72	10.64	10.76	(10.2%)
7th/[651,664)	7.40	8.71	8.70	9.77	10.01	9.62	10.83	10.99	11.64	12.32	(9.8%)
8th/[664,680)	6.67	8.52	9.85	9.78	10.34	10.04	10.32	11.06	11.50	11.92	(10.5%)
9th/[680,700)	7.48	8.30	9.25	9.93	10.07	10.21	10.24	10.45	11.73	12.35	(10%)
10th/[700,861]	7.33	8.89	9.84	9.62	9.96	10.65	10.63	10.41	11.18	11.50	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution