Student Growth Percentile Goodness–of–Fit Descriptives
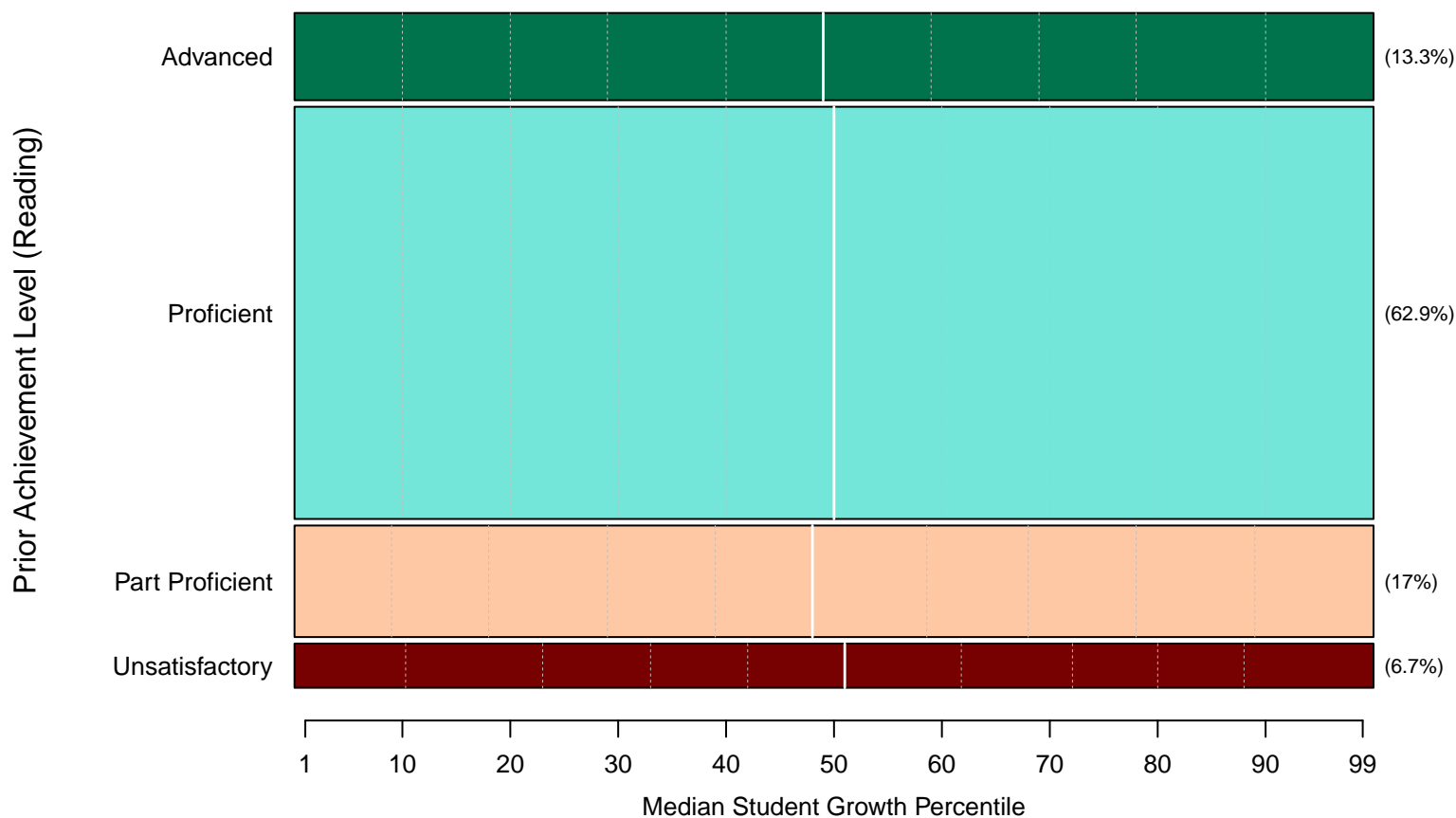## 2009–2010 Reading SGP, Grade 7 (N = 3,918)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (13.3%)
- Proficient (62.9%)
- Part Proficient (17%)
- Unsatisfactory (6.7%)

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/[260,559)	10.03	9.25	10.54	9.51	10.03	10.03	11.05	11.31	9.77	8.48	(9.9%)
2nd/[559,591)	11.89	11.89	7.24	10.08	11.11	10.08	11.11	6.98	9.30	10.34	(9.9%)
3rd/[591,612)	7.69	10.77	10.26	9.49	11.03	8.72	8.97	12.31	11.54	9.23	(10%)
4th/[612,627)	10.22	7.98	9.98	10.72	10.22	11.47	10.97	8.73	9.48	10.22	(10.2%)
5th/[627,640)	9.81	10.08	8.17	10.08	10.08	12.26	9.26	8.99	10.35	10.90	(9.4%)
6th/[640,652)	8.97	12.31	12.31	8.46	10.77	8.46	8.46	9.49	10.51	10.26	(10%)
7th/[652,666)	9.55	9.55	7.04	11.81	8.54	9.55	12.06	10.55	8.54	12.81	(10.2%)
8th/[666,682)	9.41	8.14	11.70	8.14	11.45	10.43	11.20	10.18	12.21	7.12	(10%)
9th/[682,703)	9.68	11.91	8.68	10.92	10.17	10.17	8.93	8.19	9.43	11.91	(10.3%)
10th/[703,849]	10.25	10.00	11.50	8.75	10.25	9.00	10.25	10.75	8.25	11.00	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution