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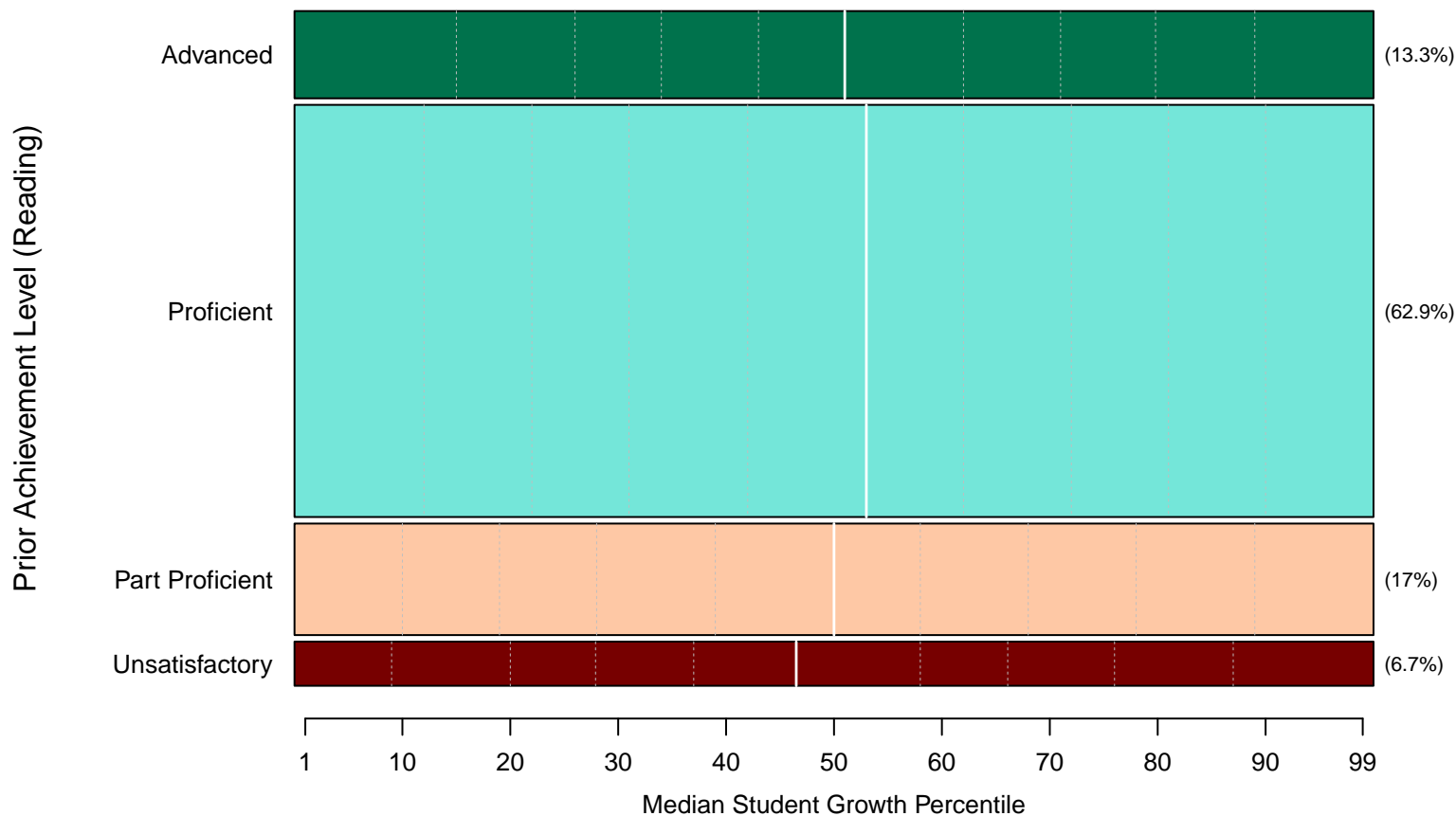## 2009–2010 Reading SGP, Grade 7 (N = 3,918)

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

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/[260,559)	10.54	11.05	12.60	9.77	9.00	9.77	9.51	11.31	9.00	7.46	(9.9%)
2nd/[559,591)	11.11	11.37	9.30	9.82	9.30	11.63	11.63	6.46	9.04	10.34	(9.9%)
3rd/[591,612)	5.90	10.26	12.05	9.74	9.74	8.97	10.00	13.08	12.05	8.21	(10%)
4th/[612,627)	8.73	8.48	10.72	10.22	9.48	10.47	12.47	10.72	9.23	9.48	(10.2%)
5th/[627,640)	8.72	9.26	10.63	7.63	8.99	12.26	9.54	9.26	13.35	10.35	(9.4%)
6th/[640,652)	7.95	13.08	11.79	7.69	7.44	10.00	9.49	10.26	11.28	11.03	(10%)
7th/[652,666)	9.30	8.79	7.04	9.55	8.54	9.55	11.81	11.81	9.80	13.82	(10.2%)
8th/[666,682)	7.12	8.65	10.69	9.41	10.43	11.70	11.20	10.43	12.98	7.38	(10%)
9th/[682,703)	5.21	10.67	10.42	11.91	11.17	9.93	8.44	10.67	7.20	14.39	(10.3%)
10th/[703,849]	6.00	8.75	9.25	12.75	11.00	9.75	9.00	12.50	11.25	9.75	(10.2%)

*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