Student Growth Percentile Goodness–of–Fit Descriptives
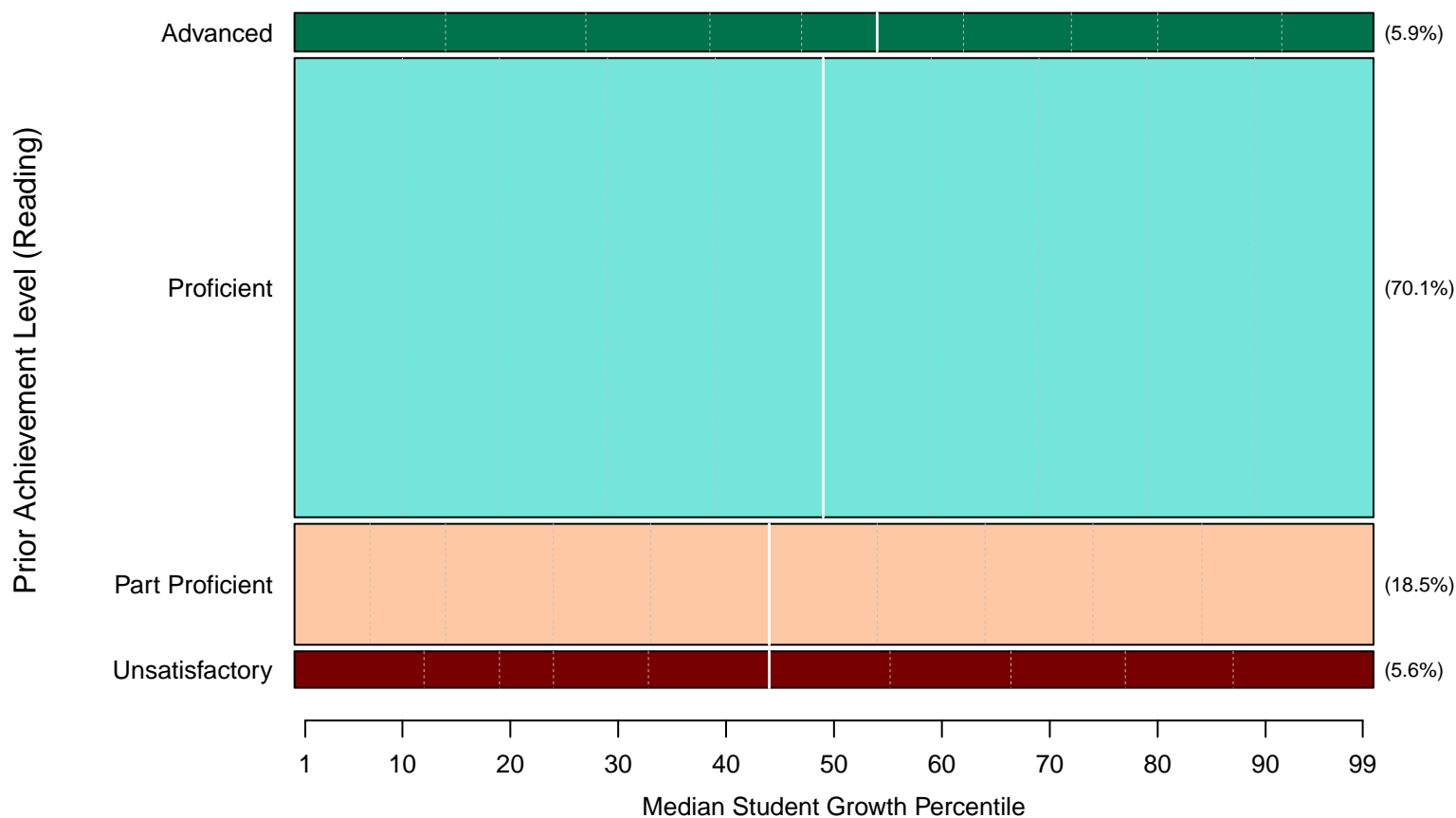## 2009–2010 Reading SGP, Grade 5 (N = 4,009)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Advanced	(5.9%)
Proficient	(70.1%)
Part Proficient	(18.5%)
Unsatisfactory	(5.6%)

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/[180,538)	9.37	11.65	12.66	11.14	7.85	11.65	11.39	8.10	9.87	6.33	(9.9%)
2nd/[538,564)	14.07	11.51	11.25	10.74	7.42	11.76	7.42	9.46	8.44	7.93	(9.8%)
3rd/[564,582)	12.07	11.58	10.59	11.08	10.34	8.62	8.13	11.33	8.62	7.64	(10.1%)
4th/[582,595)	9.97	9.46	12.02	12.79	10.49	8.44	11.25	10.49	8.95	6.14	(9.8%)
5th/[595,607)	10.41	10.17	12.11	8.72	10.65	12.83	9.93	11.62	6.54	7.02	(10.3%)
6th/[607,618)	10.95	11.94	9.20	10.70	8.46	8.71	10.70	8.96	9.70	10.70	(10%)
7th/[618,629)	10.13	9.87	11.14	8.61	9.37	8.10	9.87	8.86	11.65	12.41	(9.9%)
8th/[629,641)	9.87	11.65	9.11	7.34	12.41	10.13	8.10	10.38	10.38	10.63	(9.9%)
9th/[641,659)	10.48	7.86	8.81	13.33	8.33	10.71	8.10	10.71	12.14	9.52	(10.5%)
10th/[659,799]	5.99	8.73	6.98	9.73	11.97	11.22	10.97	11.97	9.98	12.47	(10%)

*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