Student Growth Percentile Goodness–of–Fit Descriptives
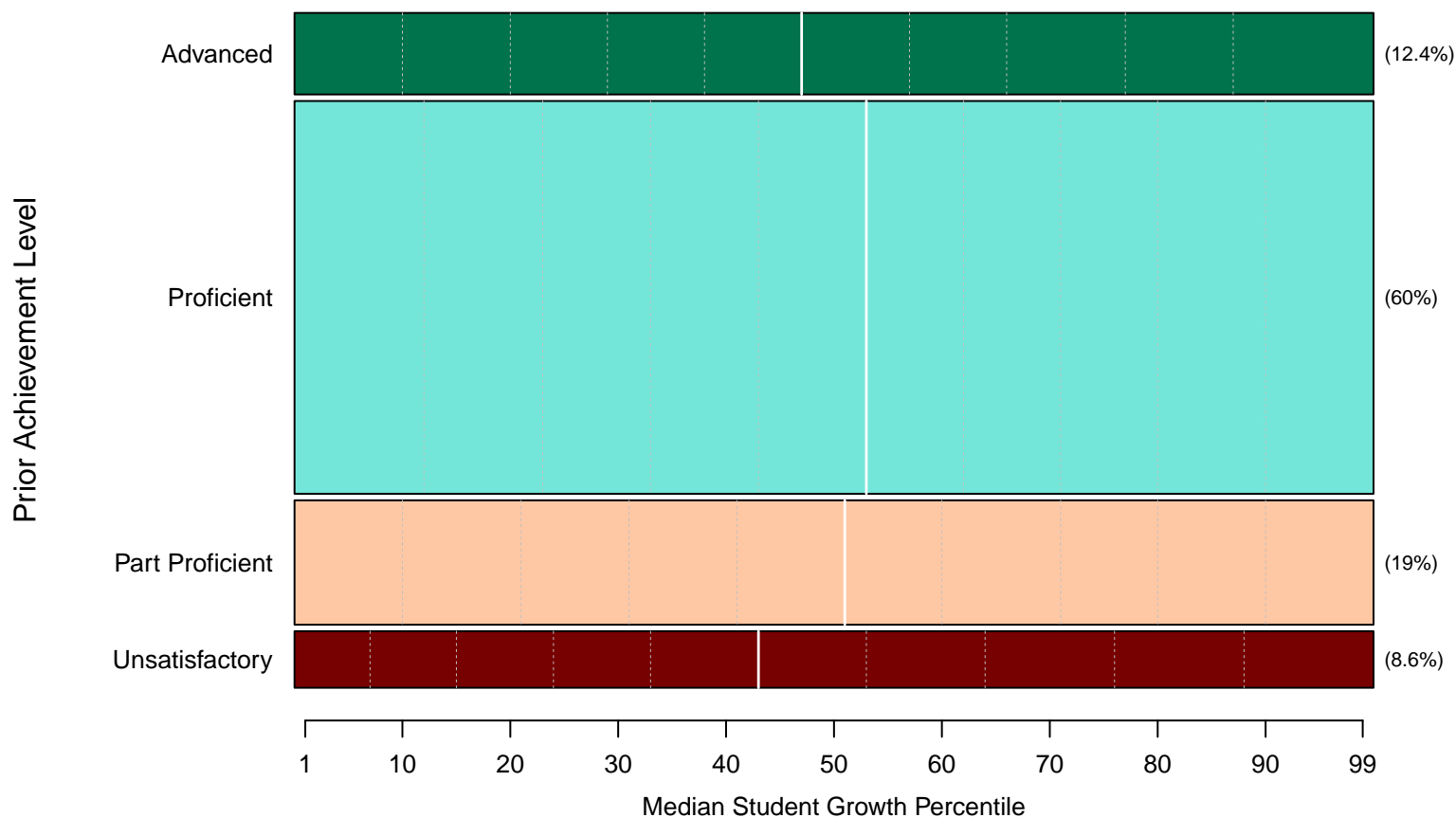## 2009 Reading SGP, Grade 7 (N = 53,477)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Advanced (12.4%)
- Proficient (60%)
- Part Proficient (19%)
- Unsatisfactory (8.6%)

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/[260,550)	12.49	11.93	11.07	10.12	10.12	9.44	8.79	8.96	8.04	9.05	(10%)
2nd/[550,583)	10.36	8.92	9.71	10.20	9.84	10.29	9.84	10.05	10.48	10.33	(9.9%)
3rd/[583,604)	8.78	9.66	9.43	10.34	10.09	9.95	10.14	10.95	10.34	10.32	(9.7%)
4th/[604,621)	8.23	9.99	10.25	9.73	9.72	10.76	10.91	9.84	9.92	10.65	(10.2%)
5th/[621,635)	8.11	9.59	10.72	9.20	10.08	10.68	11.42	10.39	9.38	10.44	(9.6%)
6th/[635,649)	7.11	9.11	9.09	9.78	10.00	10.22	11.12	10.89	11.32	11.36	(10%)
7th/[649,663)	7.13	8.77	10.03	10.17	9.61	9.98	10.97	10.64	11.33	11.37	(9.8%)
8th/[663,680)	7.68	8.54	9.53	10.29	10.64	11.17	10.66	10.75	10.15	10.57	(10.6%)
9th/[680,702)	7.16	9.32	10.48	10.93	10.29	11.10	10.58	11.20	10.09	8.85	(10%)
10th/[702,872]	9.20	11.07	11.27	10.74	11.35	10.24	9.81	9.48	8.70	8.13	(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