Student Growth Percentile Goodness–of–Fit Descriptives
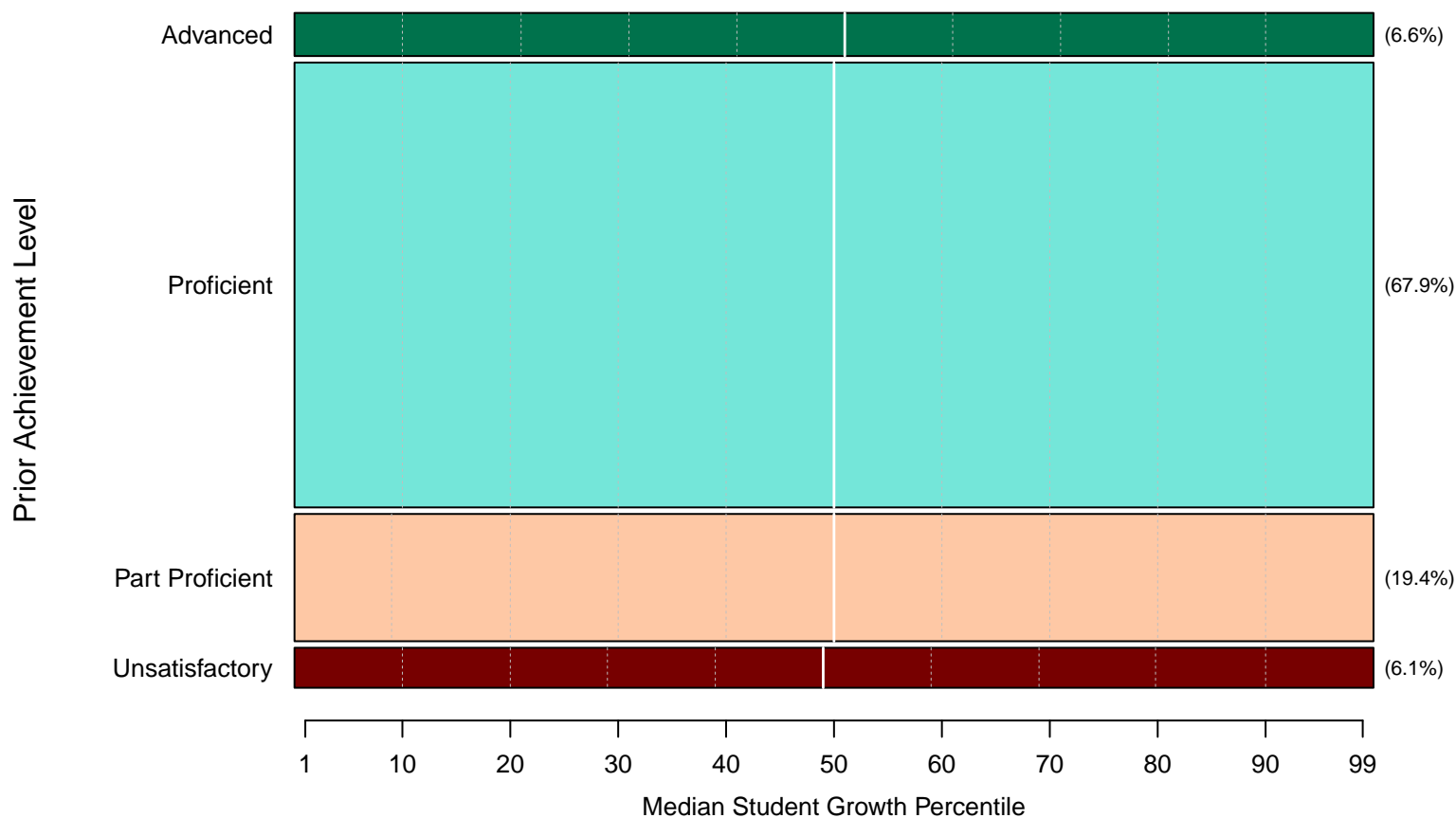## 2005 Reading SGP, Grade 10 (N = 47,219)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Advanced (6.6%)
- Proficient (67.9%)
- Part Proficient (19.4%)
- Unsatisfactory (6.1%)

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/[350,604)	9.89	10.68	10.02	9.78	10.06	10.06	9.95	9.61	9.61	10.34	(9.9%)
2nd/[604,631)	10.71	9.01	9.53	9.99	9.62	9.79	9.57	10.29	10.60	10.88	(9.7%)
3rd/[631,649)	9.40	9.98	10.15	10.02	10.60	10.11	10.06	9.59	9.47	10.62	(10.3%)
4th/[649,663)	9.85	10.69	10.02	10.25	9.39	9.68	10.27	9.91	10.04	9.89	(10.1%)
5th/[663,675)	9.41	10.64	9.37	9.83	10.38	9.92	10.19	9.51	9.92	10.83	(10%)
6th/[675,686)	10.12	9.98	9.89	9.51	10.19	10.48	9.28	9.85	9.98	10.73	(9.4%)
7th/[686,698)	9.92	9.44	10.15	10.08	9.69	9.79	10.44	10.27	10.10	10.12	(10.2%)
8th/[698,712)	9.27	9.62	10.08	10.59	9.75	10.01	10.30	10.12	9.89	10.36	(10.3%)
9th/[712,729)	9.66	10.53	10.23	9.40	10.62	9.95	9.53	9.75	9.49	10.84	(9.8%)
10th/[729,995]	9.72	10.07	9.86	10.11	9.74	9.76	9.92	10.23	10.25	10.33	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution