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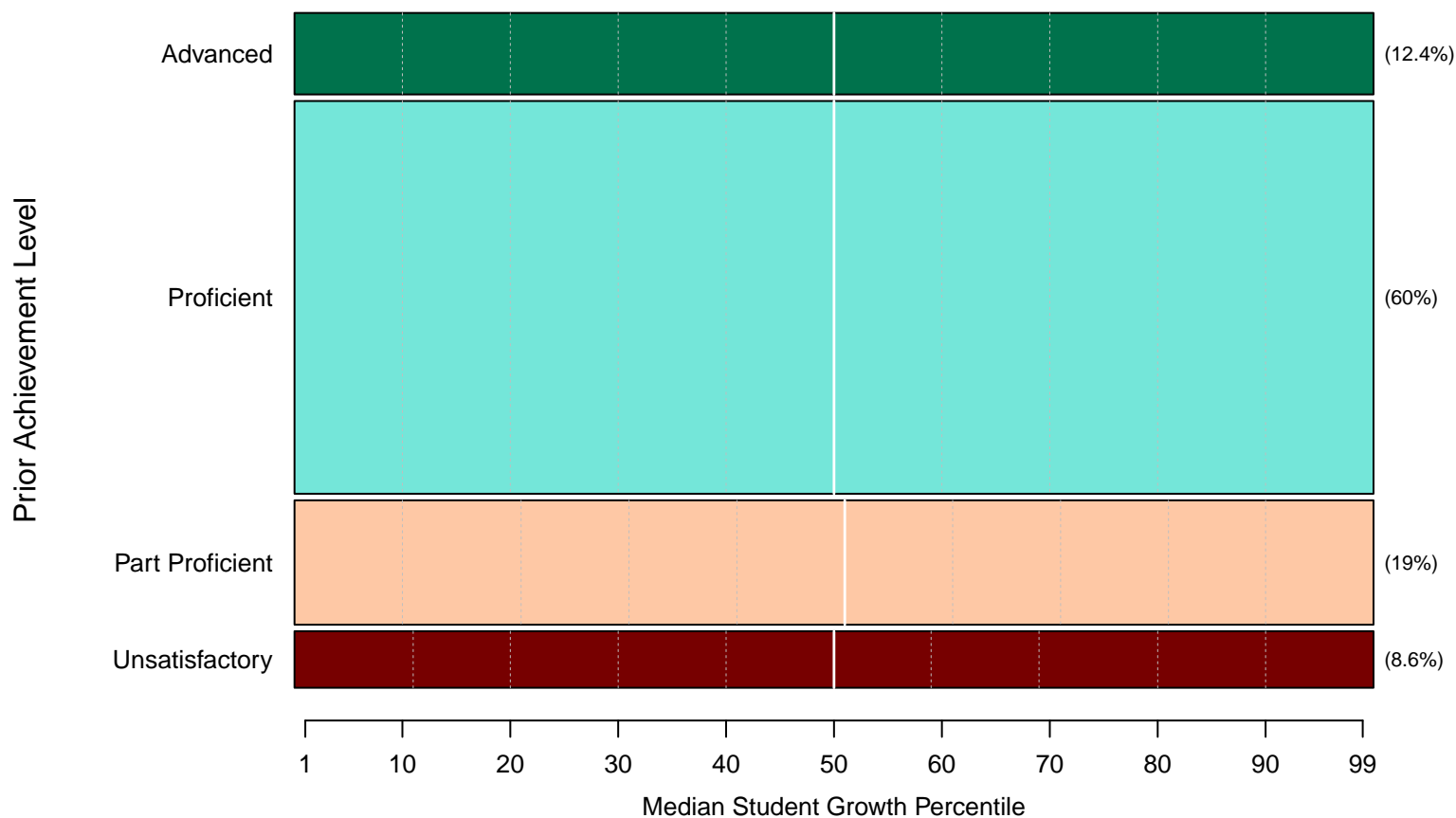## 2009 Reading SGP, Grade 7 (N = 53,477)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Achievement Level	Percentage
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)	8.79	10.00	10.71	10.27	9.87	10.53	9.99	9.78	9.63	10.43	(10%)
2nd/[550,583)	9.73	9.67	9.26	9.76	9.61	10.68	9.95	10.33	10.53	10.48	(9.9%)
3rd/[583,604)	9.34	9.66	9.30	9.97	10.22	9.45	9.91	10.93	10.38	10.84	(9.7%)
4th/[604,621)	8.95	10.34	10.12	10.19	9.59	10.19	10.54	9.40	9.77	10.91	(10.2%)
5th/[621,635)	9.73	9.94	10.54	9.69	10.25	10.00	10.74	9.82	9.26	10.04	(9.6%)
6th/[635,649)	8.99	10.06	9.65	10.02	9.93	9.59	10.26	10.02	10.73	10.76	(10%)
7th/[649,663)	9.61	10.24	10.17	9.67	9.75	9.57	9.54	10.24	10.39	10.81	(9.8%)
8th/[663,680)	10.10	9.81	9.59	10.06	10.38	10.38	9.64	9.71	9.53	10.80	(10.6%)
9th/[680,702)	9.19	9.99	10.16	10.20	9.60	9.99	10.22	10.71	9.83	10.11	(10%)
10th/[702,872]	9.67	10.04	10.02	9.78	10.28	9.92	10.04	9.52	10.09	10.66	(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