Student Growth Percentile Goodness–of–Fit Descriptives
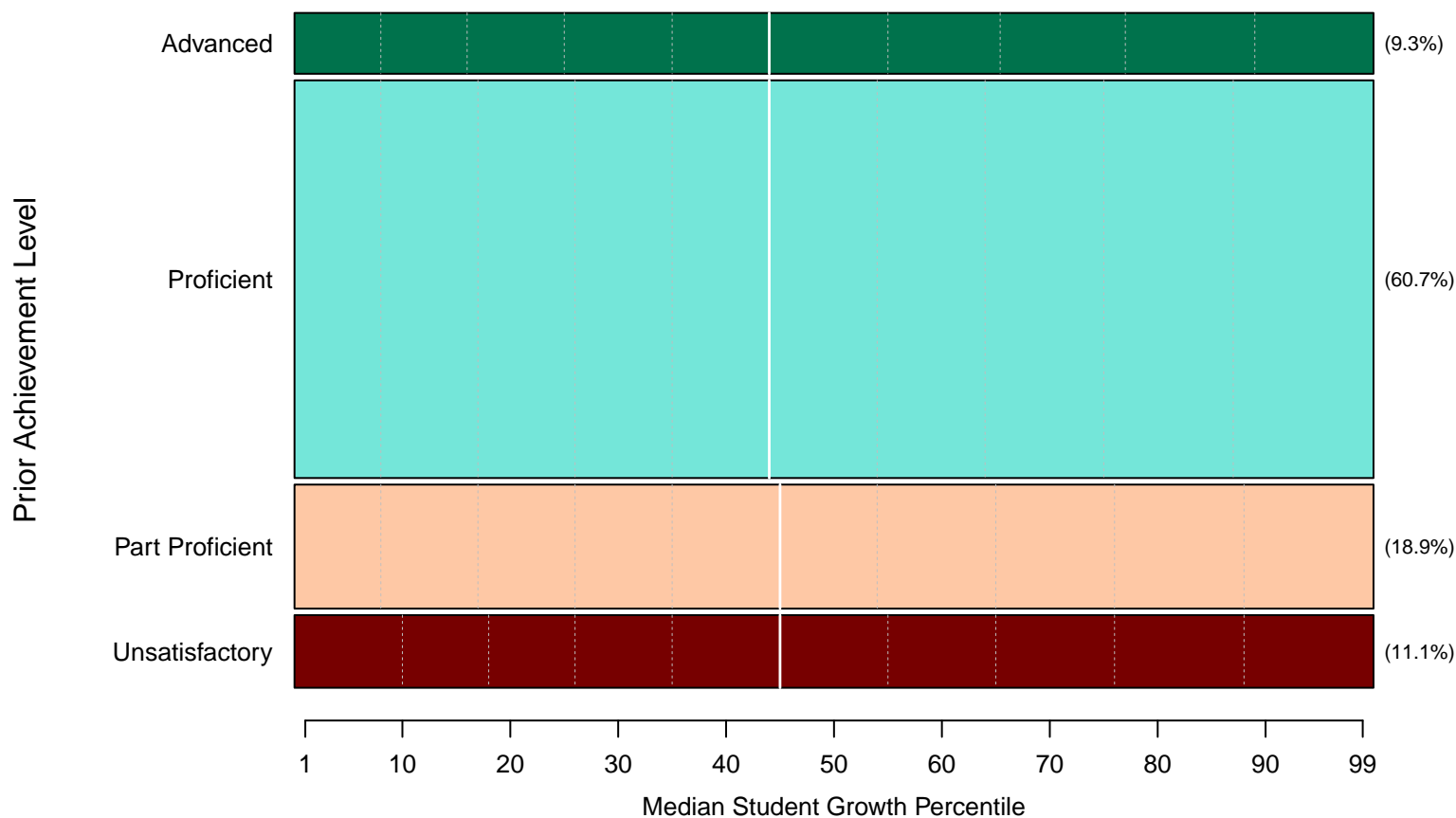## 2006 Reading SGP, Grade 6 (N = 51,720)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Advanced	(9.3%)
Proficient	(60.7%)
Part Proficient	(18.9%)
Unsatisfactory	(11.1%)

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/[220,533)	9.97	12.23	11.21	11.29	9.74	10.20	9.74	8.58	8.11	8.94	(10%)
2nd/[533,566)	11.71	11.61	11.21	10.66	10.06	9.78	9.66	8.17	8.11	9.04	(9.7%)
3rd/[566,587)	11.18	11.38	11.06	10.70	10.68	9.83	9.81	9.07	8.17	8.11	(9.7%)
4th/[587,604)	10.36	11.46	11.58	11.21	11.56	10.26	8.64	8.74	8.22	7.97	(10%)
5th/[604,619)	10.82	12.02	11.95	10.91	10.17	10.87	9.08	9.00	7.77	7.41	(10.1%)
6th/[619,633)	10.72	11.99	10.99	11.19	10.66	10.49	9.37	8.56	8.30	7.74	(9.9%)
7th/[633,648)	11.47	10.93	11.45	11.01	10.69	10.55	10.06	8.30	8.49	7.06	(10.2%)
8th/[648,665)	12.74	10.57	11.01	10.51	11.11	10.15	10.03	8.21	8.05	7.63	(10.1%)
9th/[665,688)	12.16	11.83	11.79	10.60	9.71	9.76	9.51	8.46	7.92	8.25	(10.1%)
10th/[688,955]	11.85	11.91	10.81	10.77	10.09	9.52	8.84	8.57	8.03	9.62	(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

0 10 20 30 40 50 60 70 80 90 100