Student Growth Percentile Goodness–of–Fit Descriptives
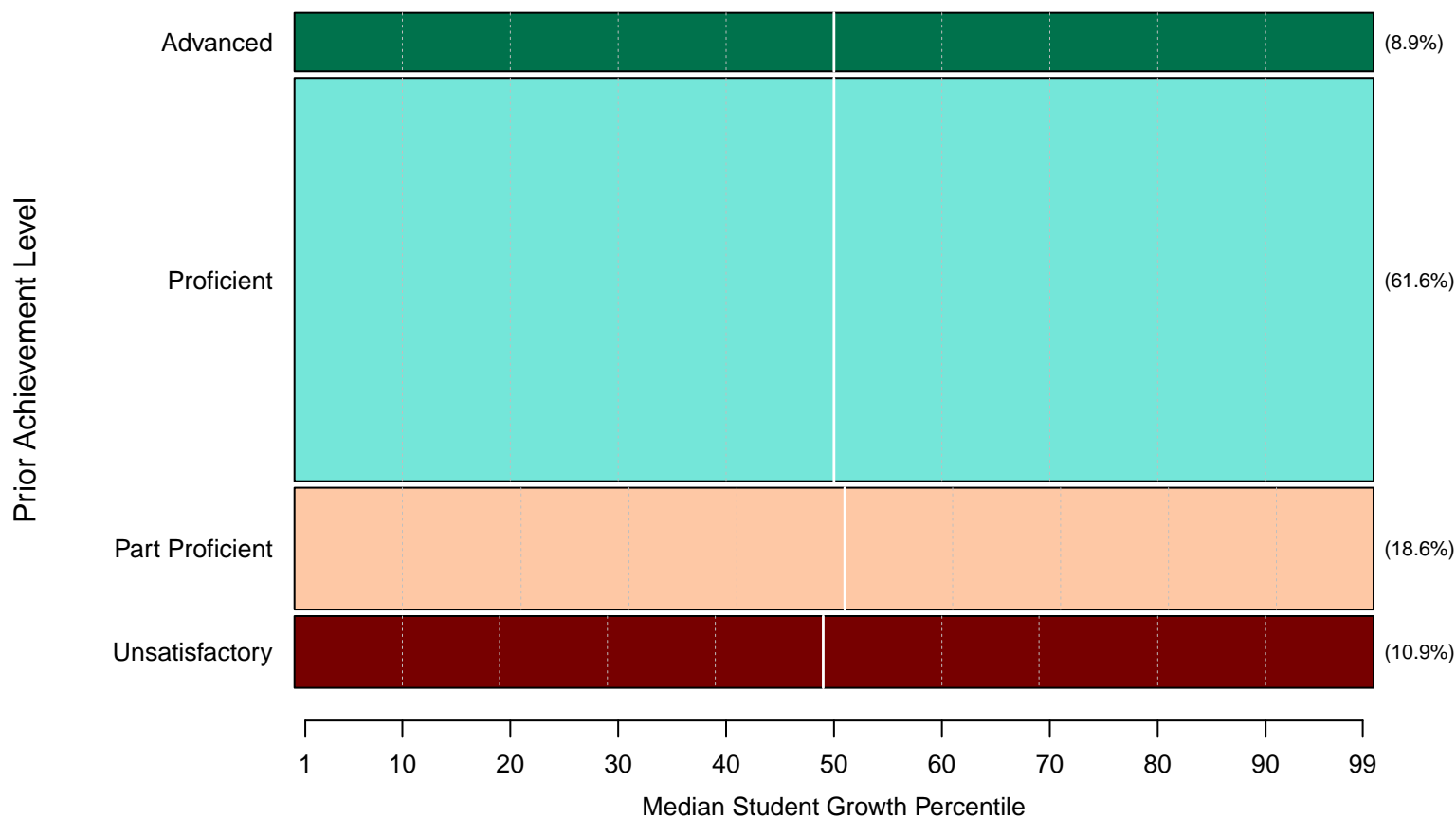## 2011 Reading SGP, Grade 6 (N = 56,366)

SGP Deciles by Prior Achievement Level

Prior Achievement Level	Median Student Growth Percentile
Advanced	(8.9%)
Proficient	(61.6%)
Part Proficient	(18.6%)
Unsatisfactory	(10.9%)

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)	9.70	10.43	10.09	10.15	9.73	9.88	10.09	9.88	9.59	10.45	(9.9%)
2nd/[533,567)	9.70	9.45	9.72	9.86	10.20	10.26	9.61	10.13	9.99	11.06	(9.9%)
3rd/[567,588)	9.74	8.77	10.16	10.00	10.27	9.36	10.11	10.02	10.07	11.48	(9.7%)
4th/[588,605)	9.36	10.53	10.40	9.69	9.93	10.26	9.82	9.69	10.19	10.12	(10%)
5th/[605,620)	8.64	11.11	9.43	10.27	10.02	9.77	10.13	10.43	10.02	10.18	(10%)
6th/[620,634)	10.08	10.21	10.29	9.93	9.51	10.12	9.93	9.59	9.45	10.89	(10.1%)
7th/[634,648)	9.67	9.20	10.00	9.86	10.14	10.05	9.80	10.05	10.67	10.54	(9.8%)
8th/[648,665)	9.27	9.48	9.87	9.78	10.28	9.92	10.26	10.23	10.06	10.86	(10.4%)
9th/[665,687)	9.77	10.45	9.95	10.84	9.91	9.75	9.43	9.66	10.02	10.22	(9.9%)
10th/[687,855)	9.79	9.99	10.03	9.41	9.75	10.22	10.36	9.82	10.17	10.48	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution