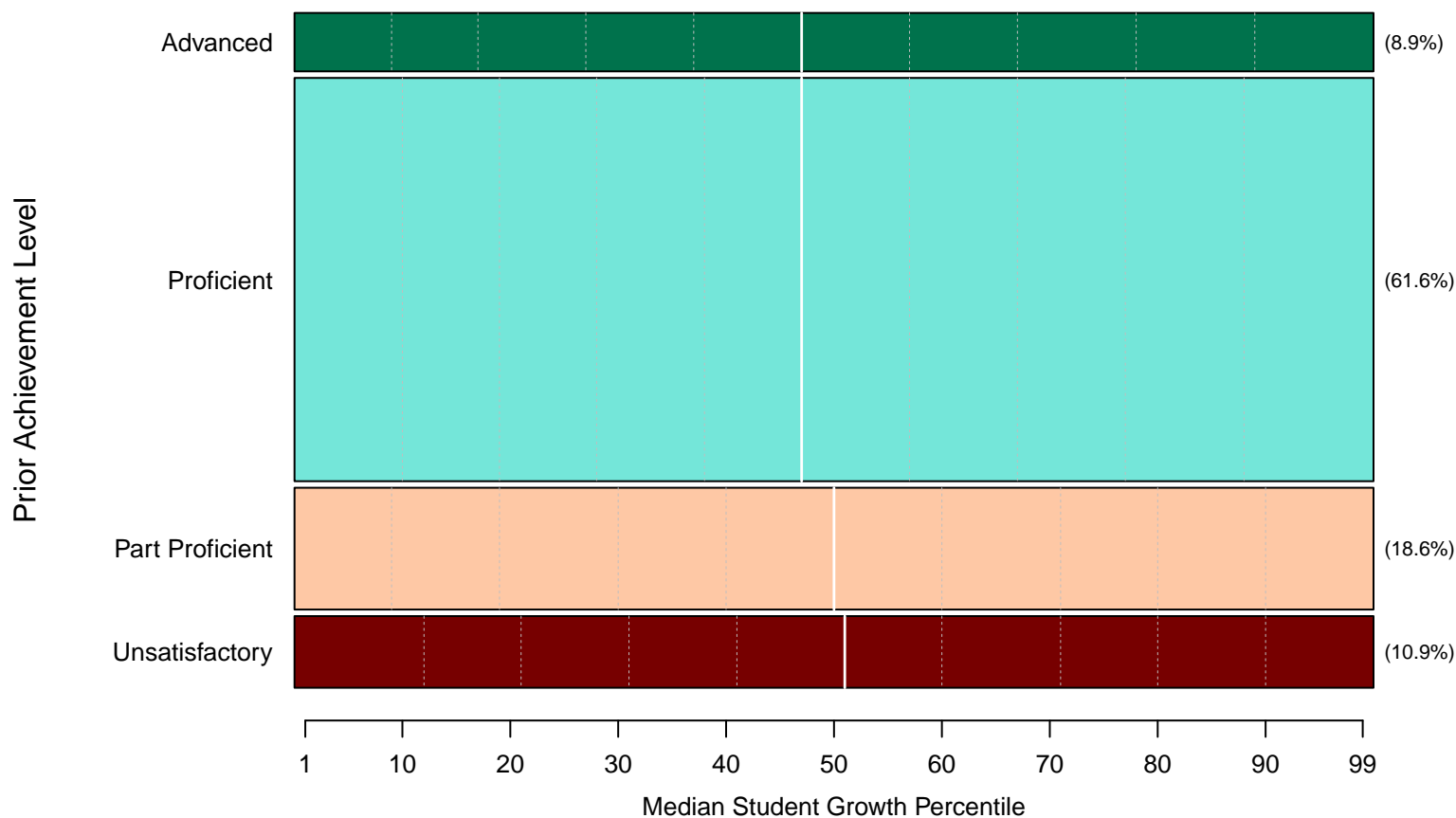# Student Growth Percentile Goodness–of–Fit Descriptives
2011 Reading SGP, Grade 6 (N = 56,366)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percentage
Advanced	(8.9%)
Proficient	(61.6%)
Part Proficient	(18.6%)
Unsatisfactory	(10.9%)

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]	7.96	9.79	9.97	10.68	9.97	10.83	9.68	10.95	10.31	9.86	(9.9%)
2nd/[533,567]	10.56	9.86	9.26	9.81	9.94	10.24	8.76	10.38	10.35	10.85	(9.9%)
3rd/[567,588]	11.06	8.72	9.96	9.96	10.40	9.63	9.84	10.29	9.58	10.55	(9.7%)
4th/[588,605]	10.14	10.33	10.64	10.00	10.32	10.53	10.26	10.10	9.00	8.68	(10%)
5th/[605,620]	9.68	10.73	10.27	10.22	10.29	10.82	10.41	10.59	8.81	8.17	(10%)
6th/[620,634]	10.72	10.45	10.96	10.26	9.87	11.38	9.37	9.98	8.44	8.58	(10.1%)
7th/[634,648]	10.05	10.04	10.74	10.05	10.91	10.98	9.69	9.93	9.69	7.92	(9.8%)
8th/[648,665]	9.20	10.67	10.86	10.09	10.98	10.72	10.06	9.87	9.07	8.49	(10.4%)
9th/[665,687]	9.84	11.82	11.39	10.59	10.82	9.66	9.72	9.27	8.63	8.25	(9.9%)
10th/[687,855]	10.18	11.98	10.30	9.75	10.25	9.84	10.08	9.84	8.56	9.22	(10.3%)

*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