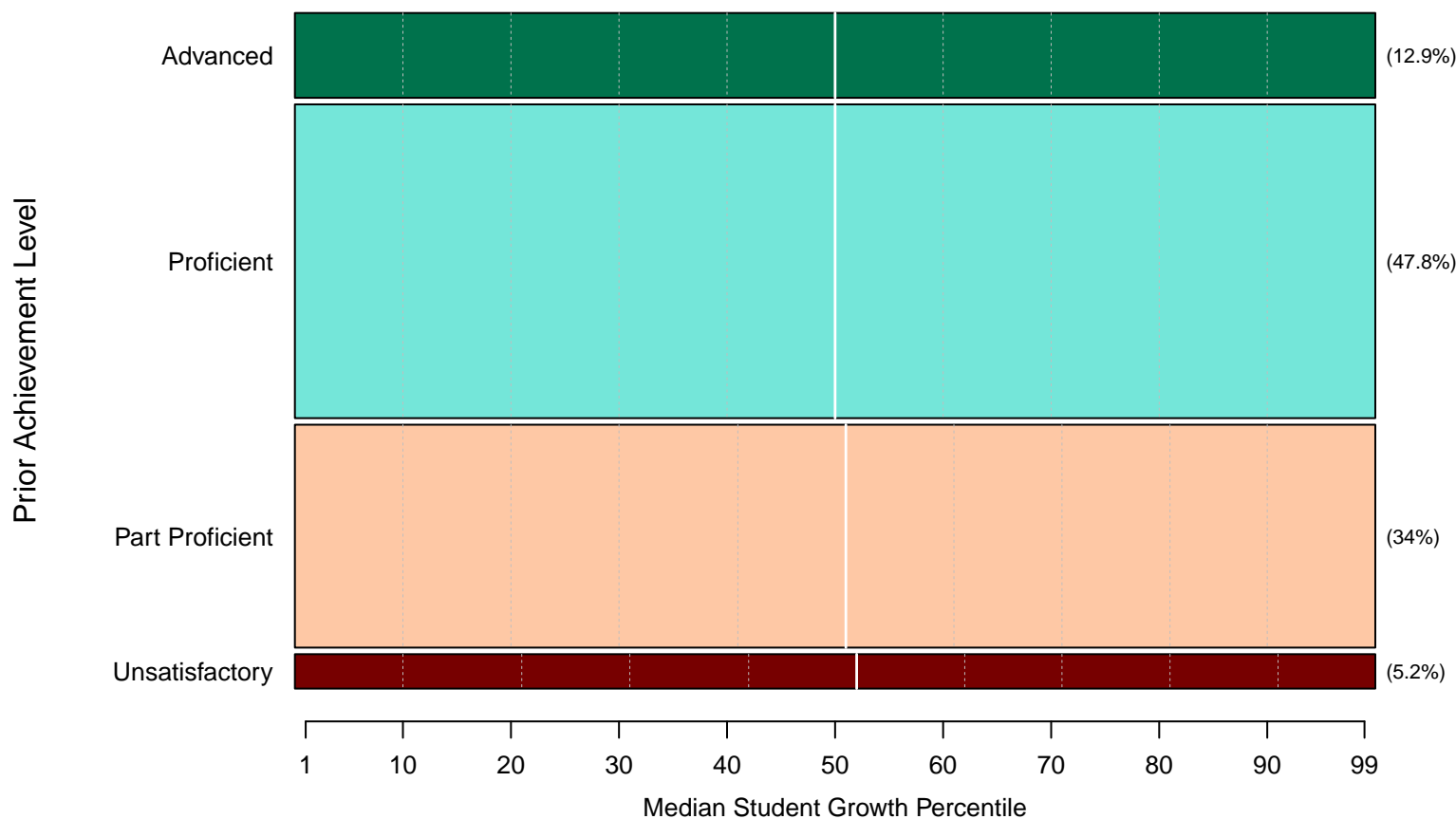# Student Growth Percentile Goodness–of–Fit Descriptives
2007 Writing SGP, Grade 6 (N = 52,224)

SGP Deciles by Prior Achievement Level

Prior Achievement Level	
Advanced	(12.9%)
Proficient	(47.8%)
Part Proficient	(34%)
Unsatisfactory	(5.2%)

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/[220,438)	9.18	9.12	9.47	9.64	9.70	9.99	10.39	10.39	10.68	11.45	(10%)
2nd/[438,465)	9.24	10.34	9.88	9.10	10.11	10.13	10.07	10.32	10.20	10.61	(9.9%)
3rd/[465,483)	9.57	9.35	10.34	10.62	9.63	10.16	9.53	9.79	9.94	11.07	(9.7%)
4th/[483,499)	9.24	9.82	10.45	9.14	9.95	10.13	9.96	10.62	9.93	10.77	(10.3%)
5th/[499,513)	9.39	10.88	9.20	10.35	10.15	9.58	10.01	9.77	9.92	10.75	(10.1%)
6th/[513,527)	9.61	10.02	9.94	10.36	9.94	9.81	9.73	10.27	10.44	9.88	(10%)
7th/[527,541)	9.79	9.57	10.20	10.18	9.63	9.65	10.00	10.14	9.57	11.27	(9.7%)
8th/[541,559)	8.87	9.71	9.92	9.22	10.11	10.26	10.37	10.41	10.26	10.89	(10.2%)
9th/[559,585)	9.20	10.59	10.00	10.15	9.89	9.79	9.66	9.91	10.02	10.80	(10.1%)
10th/[585,780]	9.62	9.62	9.68	10.10	10.10	10.10	10.21	10.17	10.11	10.30	(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