Student Growth Percentile Goodness–of–Fit Descriptives
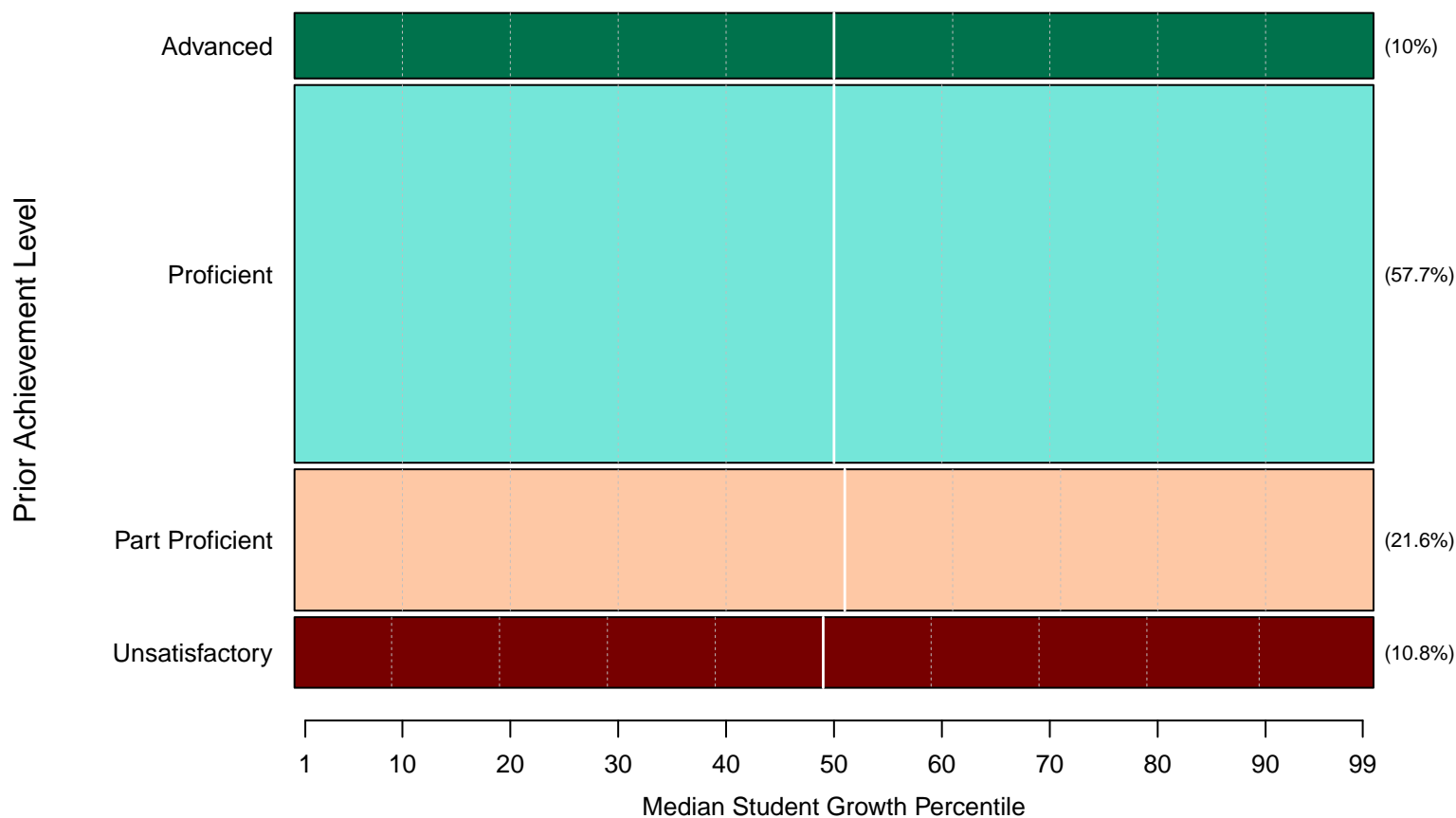## 2006 Reading SGP, Grade 9 (N = 51,200)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Advanced	(10%)
Proficient	(57.7%)
Part Proficient	(21.6%)
Unsatisfactory	(10.8%)

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/[330,574)	10.21	9.95	10.43	10.11	9.65	9.71	9.99	9.75	10.05	10.17	(9.8%)
2nd/[574,606)	9.36	9.99	9.99	9.81	9.65	10.22	9.87	10.12	10.22	10.77	(9.9%)
3rd/[606,627)	10.17	9.57	9.55	10.25	9.69	9.73	9.99	10.43	9.85	10.80	(9.8%)
4th/[627,644)	9.56	10.67	9.99	9.44	10.03	9.75	9.85	9.99	10.08	10.65	(10.1%)
5th/[644,659)	9.82	9.53	10.85	10.00	9.67	10.42	9.69	9.71	9.86	10.44	(10.1%)
6th/[659,673)	9.41	10.51	9.75	10.25	9.73	9.63	10.47	9.89	9.83	10.55	(9.8%)
7th/[673,688)	9.84	10.06	9.70	9.55	10.80	9.61	9.87	10.02	10.06	10.48	(10.3%)
8th/[688,703)	9.41	9.70	9.92	10.22	9.90	9.96	9.59	10.26	10.37	10.67	(9.6%)
9th/[703,723)	9.58	9.94	10.25	10.14	10.27	10.02	10.00	9.40	9.86	10.54	(10.1%)
10th/[723,938]	9.63	9.91	10.13	9.98	9.61	9.80	10.02	10.19	10.00	10.74	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution