Student Growth Percentile Goodness–of–Fit Descriptives
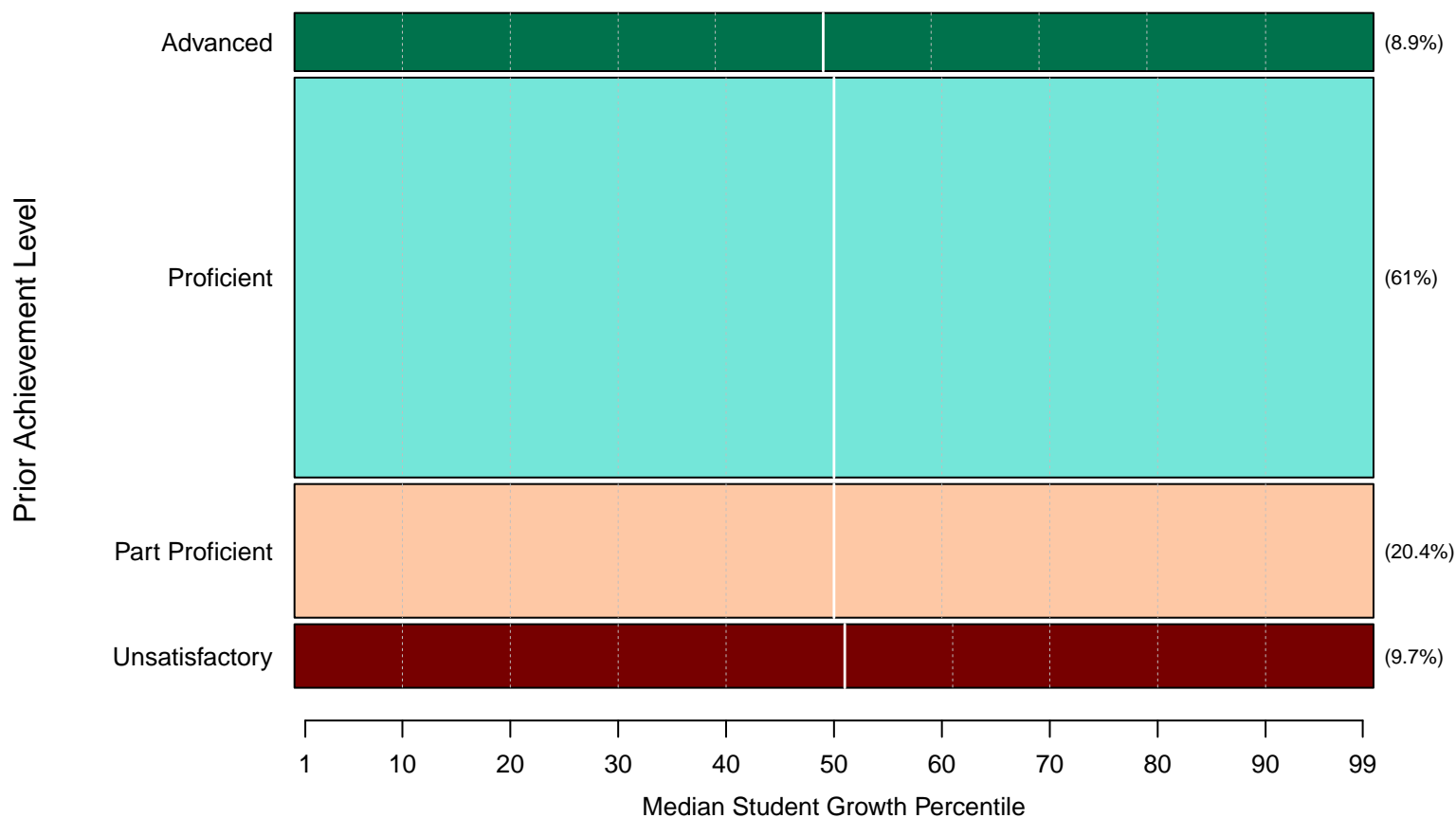## 2011 Reading SGP, Grade 9 (N = 52,723)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percent
Advanced	(8.9%)
Proficient	(61%)
Part Proficient	(20.4%)
Unsatisfactory	(9.7%)

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/[330,579)	9.63	10.05	9.93	9.67	9.47	10.28	10.76	9.97	9.74	10.51	(9.9%)
2nd/[579,612)	8.85	10.01	9.65	10.67	10.10	10.12	9.46	10.69	10.37	10.07	(10%)
3rd/[612,631)	9.52	9.95	10.48	9.46	10.24	10.11	9.48	9.52	10.03	11.23	(9.6%)
4th/[631,647)	9.95	10.18	9.68	9.62	9.92	9.03	10.47	10.05	10.01	11.10	(10.3%)
5th/[647,660)	9.97	9.97	9.95	9.97	9.68	10.42	9.60	10.28	10.11	10.05	(9.8%)
6th/[660,673)	9.50	9.99	9.84	10.59	10.20	9.37	9.78	9.39	10.05	11.29	(10.1%)
7th/[673,686)	9.83	10.36	10.39	9.60	9.95	10.32	9.74	9.78	9.80	10.24	(9.8%)
8th/[686,701)	9.25	9.96	10.38	10.04	9.98	9.68	9.74	10.11	9.95	10.90	(10.1%)
9th/[701,721)	10.04	10.25	9.80	10.14	9.51	10.03	9.99	10.06	9.93	10.25	(10.3%)
10th/[721,865]	9.51	10.34	10.21	10.21	10.38	9.72	10.26	9.43	9.56	10.39	(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