Student Growth Percentile Goodness–of–Fit Descriptives
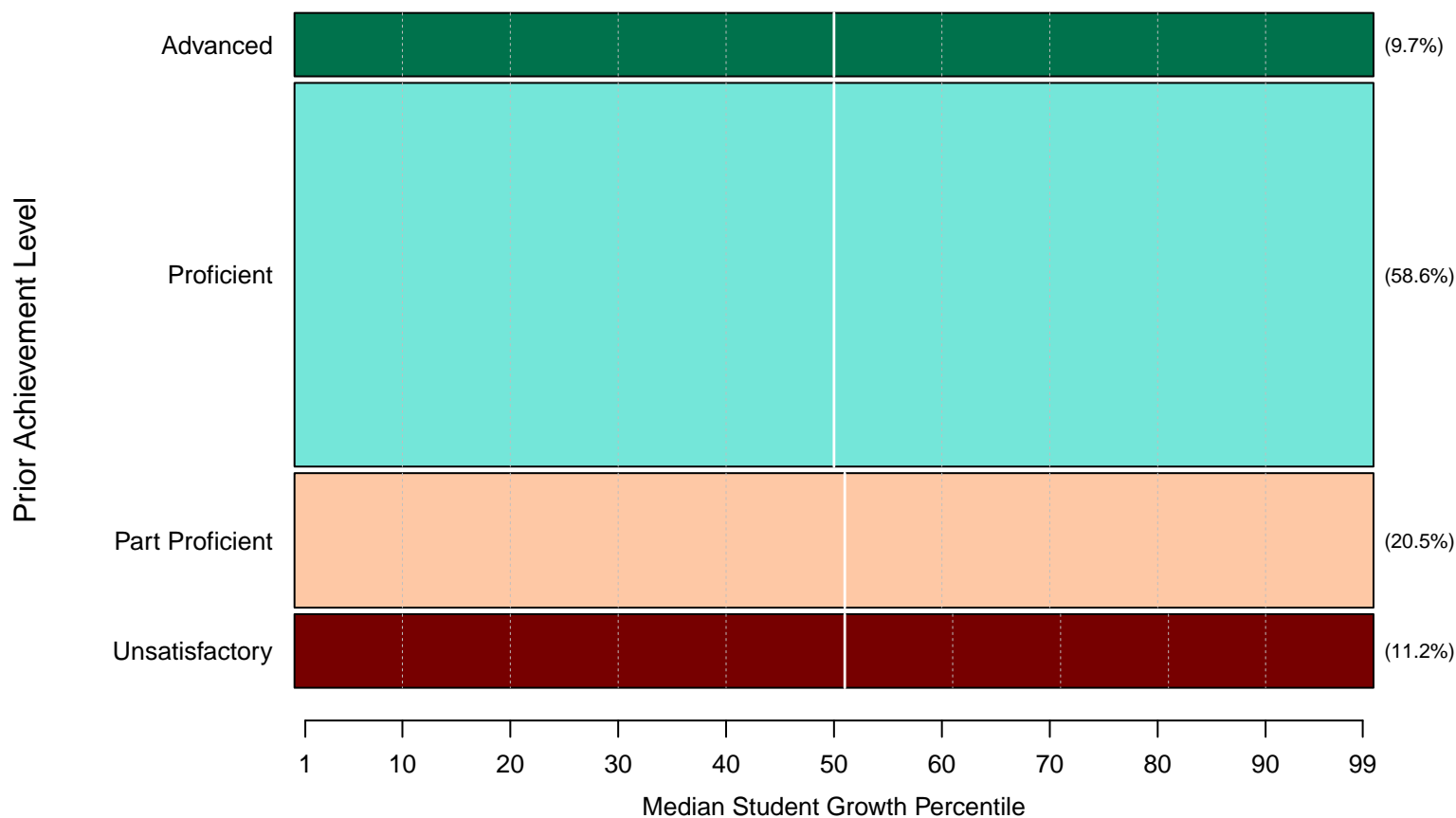
2012 Reading SGP, Grade 8 (N = 56,145)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Advanced (9.7%)
- Proficient (58.6%)
- Part Proficient (20.5%)
- Unsatisfactory (11.2%)

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/[300,561)	9.66	9.45	9.86	9.88	10.10	9.85	9.94	10.30	10.26	10.70	(9.8%)
2nd/[561,595)	9.94	9.74	9.96	9.48	9.65	10.17	10.23	9.85	10.33	10.64	(9.9%)
3rd/[595,616)	9.11	10.40	10.00	10.22	9.64	10.20	9.64	9.89	9.71	11.19	(9.8%)
4th/[616,633)	9.53	9.53	9.49	10.13	10.25	10.09	10.18	10.49	10.01	10.31	(10%)
5th/[633,648)	9.67	10.10	10.36	9.84	10.55	10.05	9.79	9.67	9.71	10.26	(10.3%)
6th/[648,662)	9.49	9.82	10.10	10.23	9.49	9.58	10.06	10.32	10.47	10.45	(9.7%)
7th/[662,676)	9.75	9.98	9.89	9.62	9.55	10.04	9.69	10.06	10.15	11.28	(9.8%)
8th/[676,693)	9.87	10.28	10.03	9.99	9.84	9.92	10.28	10.09	10.08	9.62	(10.4%)
9th/[693,715)	9.74	10.19	10.08	9.82	10.22	10.12	9.89	10.19	9.60	10.15	(10.2%)
10th/[715,907]	9.47	9.81	10.09	10.04	10.13	9.92	9.97	9.88	10.09	10.59	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution