Student Growth Percentile Goodness–of–Fit Descriptives
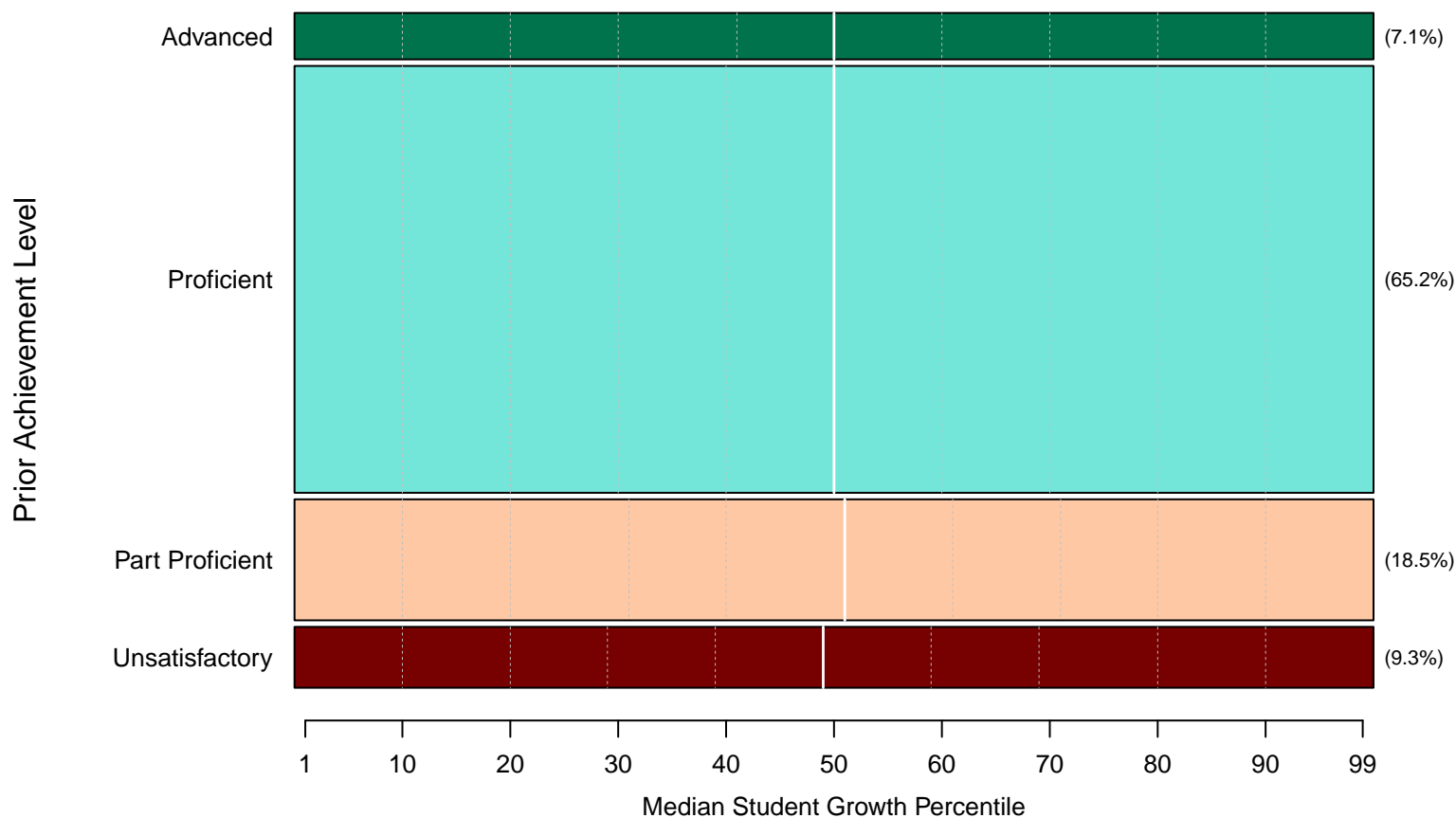
2008 Reading SGP, Grade 4 (N = 52,632)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Advanced (7.1%)
- Proficient (65.2%)
- Part Proficient (18.5%)
- Unsatisfactory (9.3%)

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/[150,469)	9.68	10.22	10.45	9.93	10.12	10.12	9.68	9.68	9.95	10.16	(9.8%)
2nd/[469,507)	9.51	9.32	9.26	10.27	9.67	10.02	10.54	10.60	10.19	10.63	(9.8%)
3rd/[507,530)	10.15	9.64	9.83	10.02	10.09	9.77	9.53	10.15	9.73	11.11	(10.1%)
4th/[530,548)	9.25	9.87	10.53	9.93	10.00	10.42	10.46	9.32	10.16	10.06	(10%)
5th/[548,564)	9.15	10.75	10.39	10.00	9.83	9.70	9.85	10.33	10.05	9.96	(10.1%)
6th/[564,580)	9.48	10.08	9.06	10.01	10.67	9.95	9.80	10.23	10.01	10.72	(10%)
7th/[580,596)	9.75	9.36	10.62	10.20	9.20	10.34	10.06	9.95	9.83	10.70	(9.6%)
8th/[596,615)	9.47	10.71	9.81	9.85	10.29	9.28	10.29	9.74	10.02	10.54	(10%)
9th/[615,643)	9.68	9.81	10.07	10.07	9.94	10.31	9.58	10.01	9.99	10.53	(10.2%)
10th/[643,795]	9.39	10.02	9.88	9.84	10.08	10.14	10.23	9.95	10.08	10.40	(10.2%)

*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