Student Growth Percentile Goodness–of–Fit Descriptives
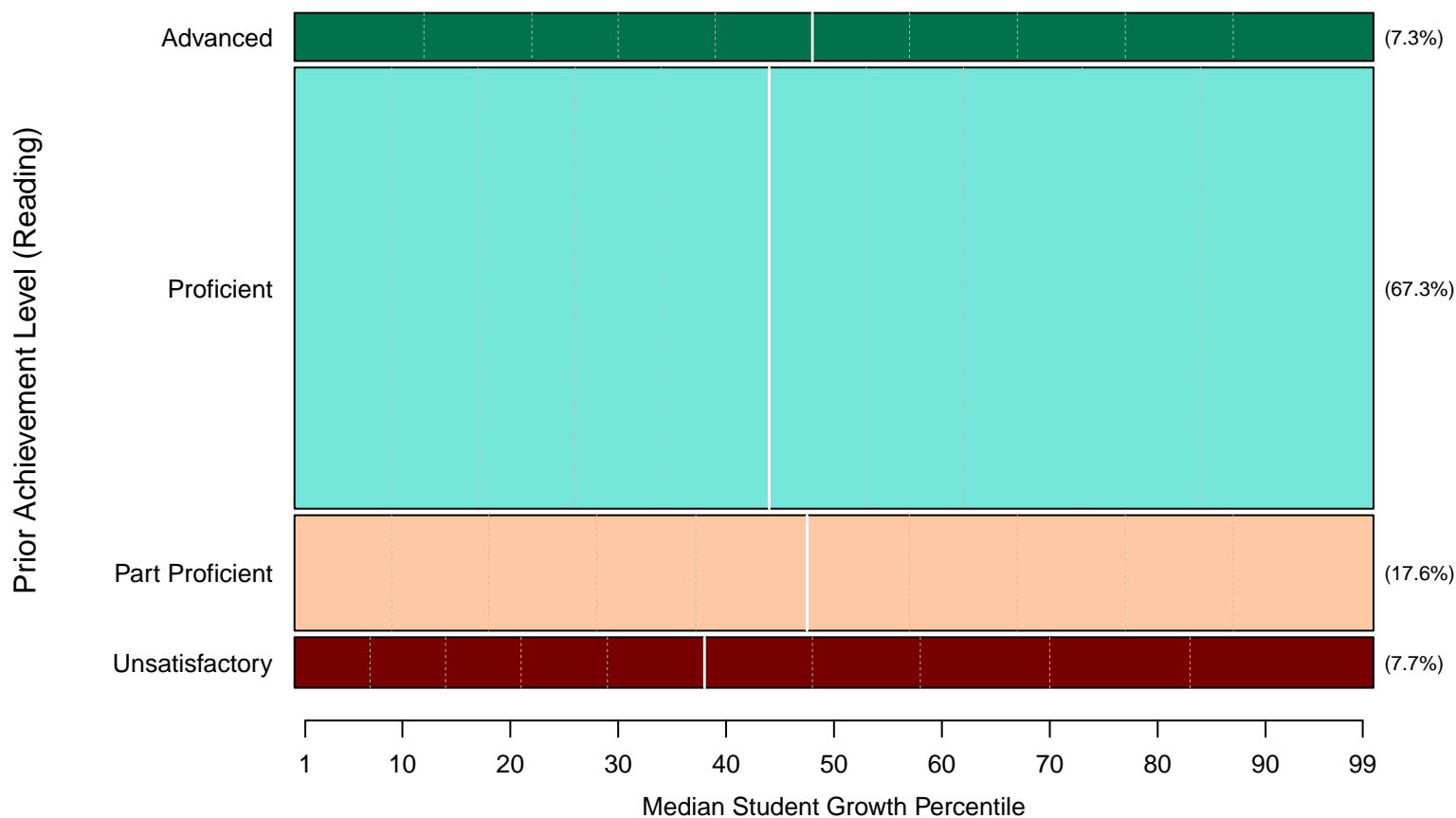
2013 Reading SGP, Grade 4 (N = 59,387)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (7.3%)
- Proficient (67.3%)
- Part Proficient (17.6%)
- Unsatisfactory (7.7%)

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/[150,478)	13.37	13.84	12.17	10.99	10.10	9.67	8.97	8.30	6.27	6.30	(9.8%)
2nd/[478,513)	11.09	9.94	10.49	10.41	9.78	9.86	10.56	9.79	9.74	8.34	(10.2%)
3rd/[513,535)	10.49	9.83	10.46	10.67	10.21	11.09	10.35	10.72	8.81	7.36	(9.6%)
4th/[535,554)	10.57	11.15	12.01	11.60	10.13	10.81	9.85	9.32	8.30	6.26	(10.2%)
5th/[554,570)	10.84	11.81	11.62	11.70	10.79	10.43	9.75	8.53	8.17	6.37	(9.8%)
6th/[570,586)	10.30	12.33	11.68	11.15	10.95	11.51	9.82	8.80	7.60	5.86	(10.1%)
7th/[586,602)	11.33	12.25	11.94	11.33	11.30	10.28	9.57	8.94	7.48	5.59	(9.9%)
8th/[602,621)	11.72	12.12	11.81	10.87	10.59	11.41	9.89	8.82	7.36	5.41	(10.1%)
9th/[621,646)	10.39	11.85	11.68	11.20	10.70	10.74	9.61	9.66	8.48	5.69	(10.1%)
10th/[646,795]	8.76	10.46	10.89	11.17	11.71	10.24	10.54	9.86	8.81	7.57	(10.1%)

*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: 0 10 20 30 40 50 60 70 80 90 100