Student Growth Percentile Goodness–of–Fit Descriptives
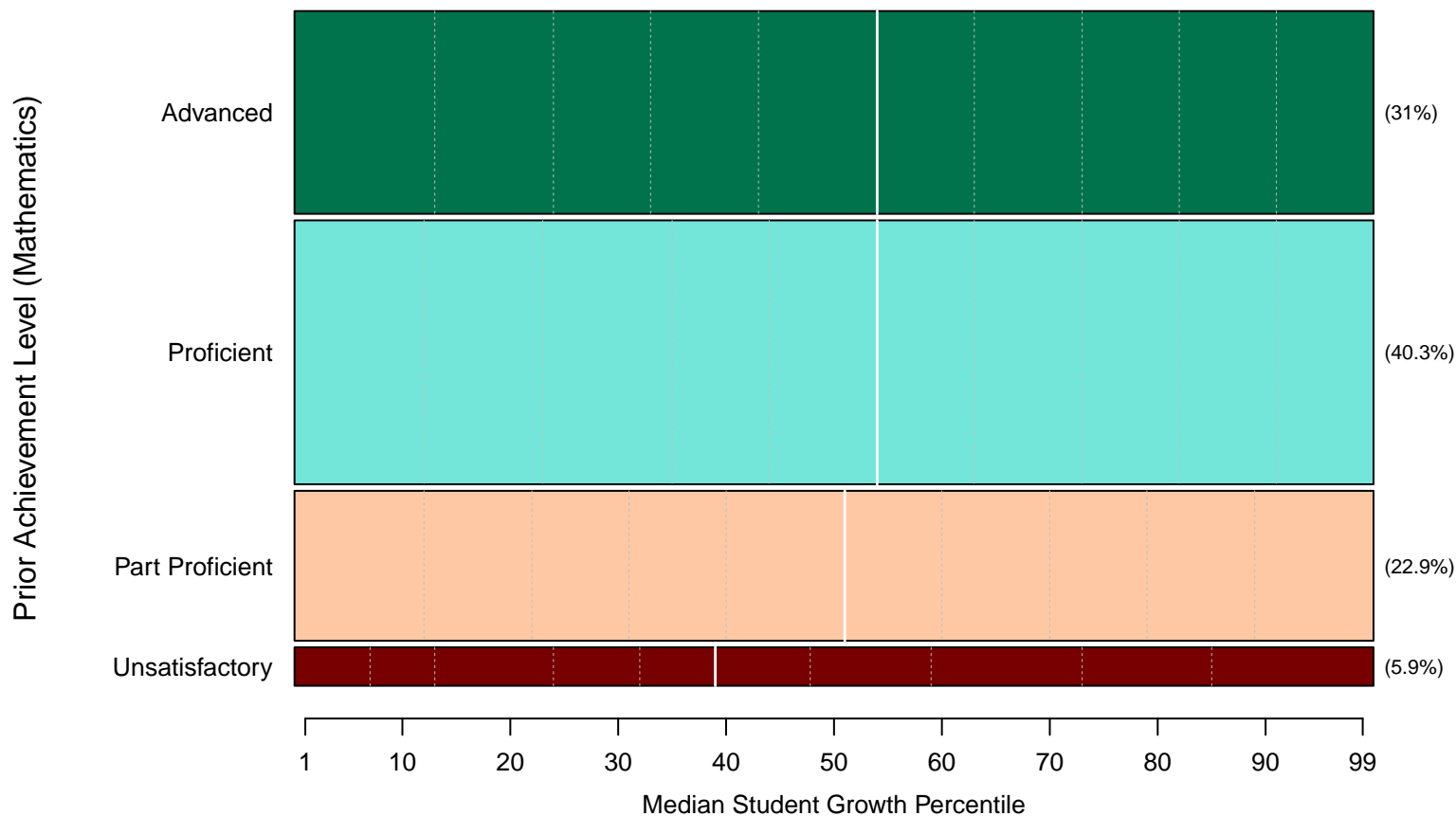## 2012–2013 Mathematics SGP, Grade 6 (N = 4,155)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced (31%)
- Proficient (40.3%)
- Part Proficient (22.9%)
- Unsatisfactory (5.9%)

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/[220,444)	12.04	10.32	13.27	13.27	9.34	10.07	8.11	6.88	10.07	6.63	(9.8%)
2nd/[444,475)	9.52	10.48	6.43	10.71	10.48	9.76	10.00	10.71	10.24	11.67	(10.1%)
3rd/[475,496)	8.17	7.21	13.22	10.10	11.30	10.82	9.38	11.30	10.10	8.41	(10%)
4th/[496,513)	7.11	9.90	7.61	11.42	9.90	9.14	12.18	10.41	10.41	11.93	(9.5%)
5th/[513,529)	8.31	11.16	9.74	8.31	10.21	11.40	10.45	8.55	10.45	11.40	(10.1%)
6th/[529,546)	7.43	7.19	6.47	10.31	11.75	10.07	11.03	12.47	11.75	11.51	(10%)
7th/[546,563)	7.09	7.80	8.04	10.64	9.93	8.98	13.00	11.11	10.17	13.24	(10.2%)
8th/[563,585)	7.60	9.03	10.93	14.01	8.79	10.21	10.45	9.74	9.03	10.21	(10.1%)
9th/[585,615)	6.97	8.41	9.38	9.38	7.69	10.58	11.30	10.82	12.74	12.74	(10%)
10th/[615,800]	6.43	9.29	10.00	8.33	10.00	11.67	10.48	11.43	10.95	11.43	(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