Student Growth Percentile Goodness–of–Fit Descriptives
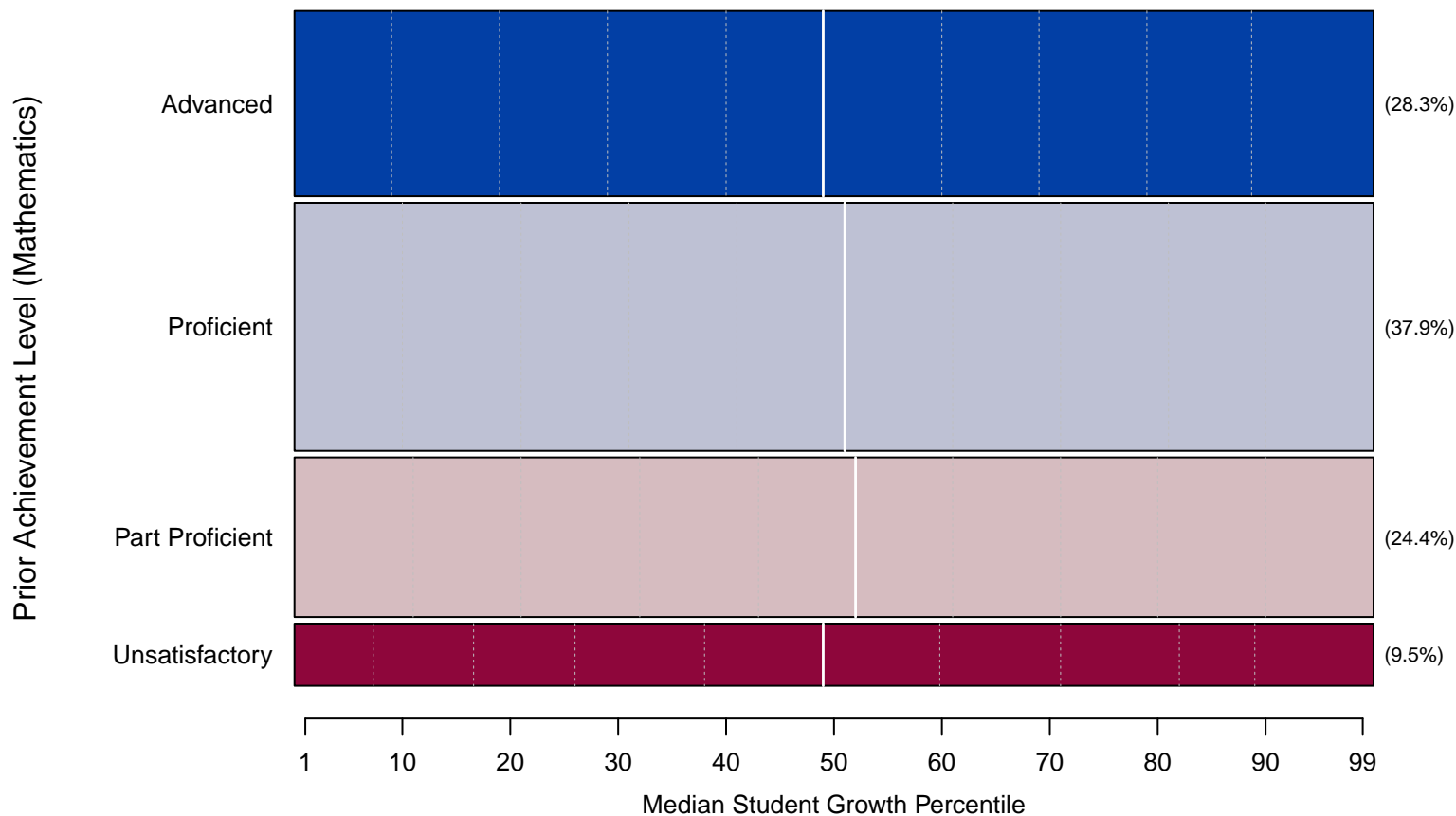## 2012–2013 Mathematics SGP, Grade 7 (N = 4,152)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percentage
Advanced	(28.3%)
Proficient	(37.9%)
Part Proficient	(24.4%)
Unsatisfactory	(9.5%)

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/[240,457)	12.41	10.46	9.73	8.03	8.76	9.73	9.98	9.49	11.92	9.49	(9.9%)
2nd/[457,490)	7.90	8.89	10.12	11.11	11.60	9.88	10.86	10.37	10.12	9.14	(9.8%)
3rd/[490,512)	8.37	9.81	10.05	9.57	10.05	10.77	10.29	9.81	9.81	11.48	(10.1%)
4th/[512,531)	9.41	10.15	11.14	8.66	8.42	9.65	10.40	9.41	11.14	11.63	(9.7%)
5th/[531,548)	8.22	9.36	8.68	9.59	8.45	9.82	10.96	12.33	10.27	12.33	(10.5%)
6th/[548,566)	11.27	9.80	10.05	10.29	9.07	11.27	10.54	8.58	10.78	8.33	(9.8%)
7th/[566,585)	8.53	8.53	10.43	10.43	11.61	11.14	8.06	11.85	8.29	11.14	(10.2%)
8th/[585,607)	8.71	9.45	10.45	9.20	11.69	8.21	10.70	8.71	12.19	10.70	(9.7%)
9th/[607,639)	10.75	10.05	10.98	8.41	8.64	12.38	10.75	10.98	8.18	8.88	(10.3%)
10th/[639,830]	11.06	10.10	9.13	9.38	12.02	7.93	9.38	10.58	11.30	9.13	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution