Student Growth Percentile Goodness–of–Fit Descriptives
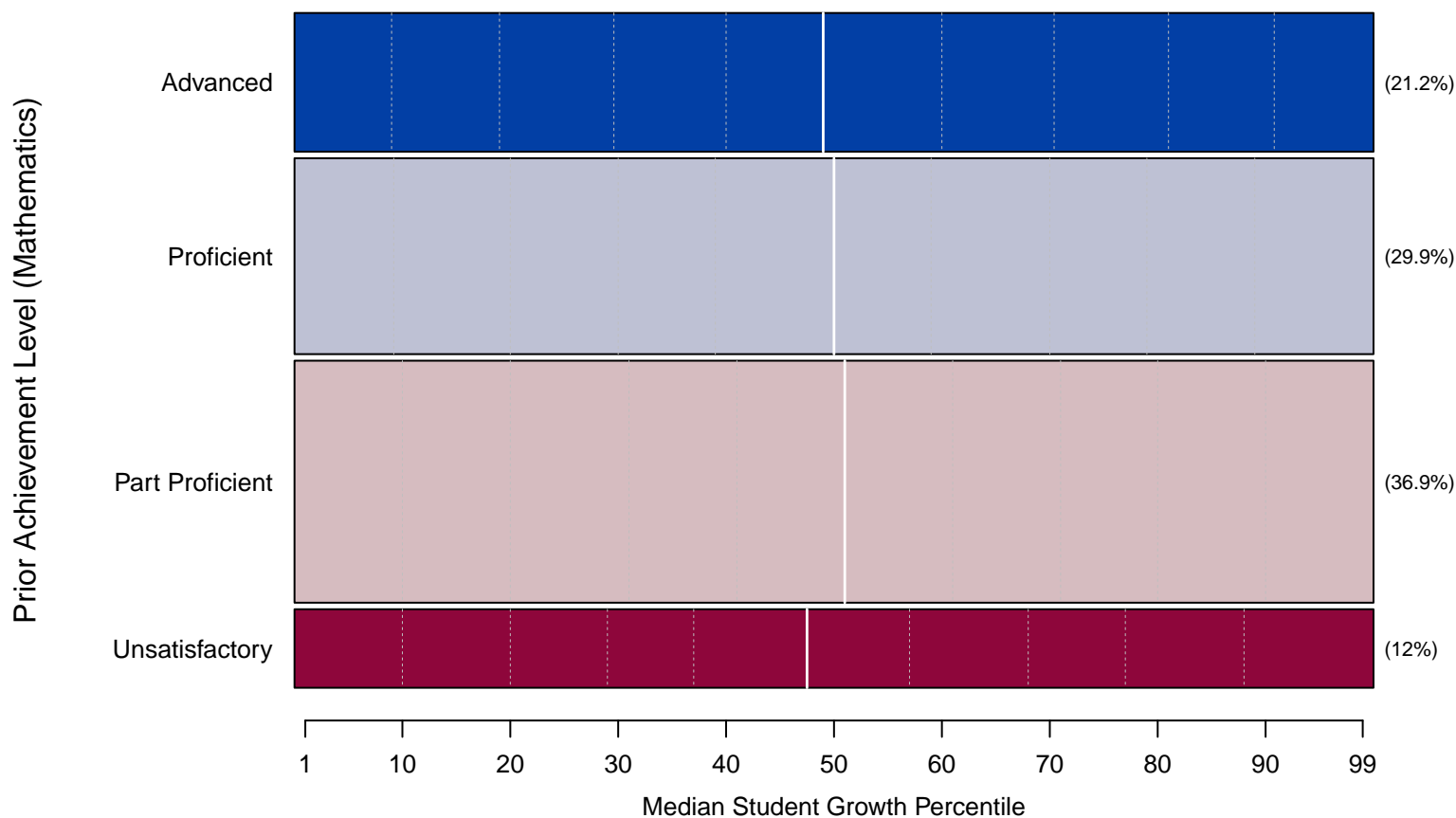## 2012–2013 Mathematics SGP, Grade 8 (N = 4,123)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percentage
Advanced	(21.2%)
Proficient	(29.9%)
Part Proficient	(36.9%)
Unsatisfactory	(12%)

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/[280,479)	10.71	9.49	11.92	10.22	10.46	9.00	9.98	10.22	9.98	8.03	(10%)
2nd/[479,506)	9.09	7.83	9.34	10.61	10.61	11.11	10.61	9.60	11.11	10.10	(9.6%)
3rd/[506,525)	10.86	10.62	10.12	9.38	9.14	11.36	8.15	10.86	10.86	8.64	(9.8%)
4th/[525,544)	7.98	9.15	10.09	9.62	10.80	9.86	11.50	11.27	8.45	11.27	(10.3%)
5th/[544,560)	9.47	10.92	8.74	8.25	11.41	8.98	11.65	8.98	10.19	11.41	(10%)
6th/[560,577)	10.05	8.85	10.77	11.96	9.09	11.00	8.85	10.53	10.05	8.85	(10.1%)
7th/[577,595)	11.39	8.42	10.64	7.92	9.41	11.63	8.17	10.15	10.15	12.13	(9.8%)
8th/[595,616)	8.45	11.11	11.11	10.39	10.63	8.70	9.66	10.63	9.66	9.66	(10%)
9th/[616,645)	11.78	7.45	9.62	12.02	8.89	8.41	9.38	11.54	9.38	11.54	(10.1%)
10th/[645,817)	9.50	11.64	9.74	8.31	11.88	9.74	9.03	8.79	10.69	10.69	(10.2%)

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

QQ–Plot: Student Growth Percentiles