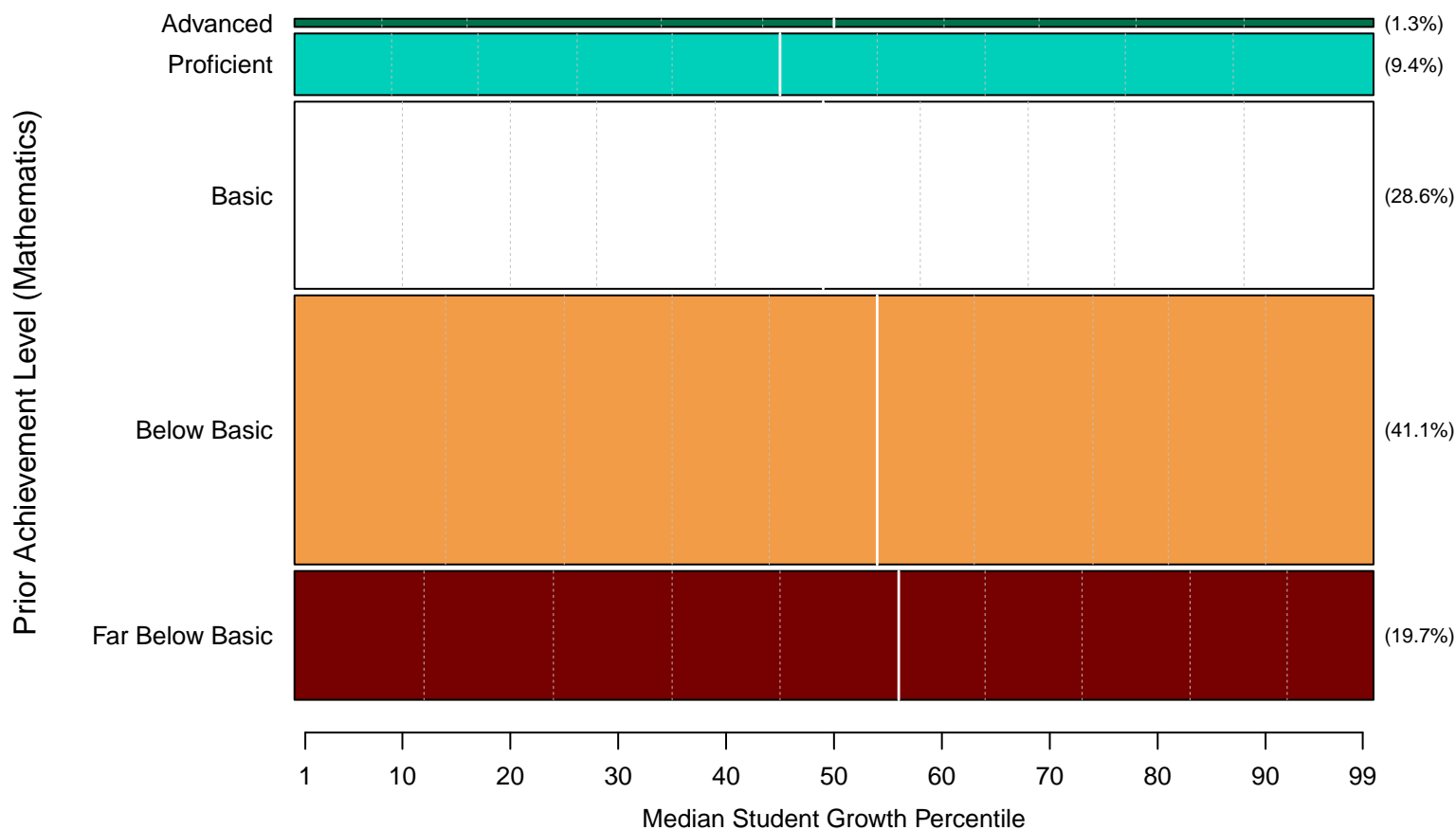# Student Growth Percentile Goodness–of–Fit Descriptives

2013 General Mathematics SGP, Grade EOCT (N = 9,721)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced (1.3%)
- Proficient (9.4%)
- Basic (28.6%)
- Below Basic (41.1%)
- Far Below Basic (19.7%)

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/[150,242)	7.24	7.94	7.24	12.73	8.64	9.46	8.64	12.38	11.80	13.90	(8.8%)
2nd/[242,257)	8.14	7.77	10.89	8.90	10.80	11.36	11.27	7.29	11.36	12.22	(10.9%)
3rd/[257,267)	7.66	6.51	9.71	9.37	10.29	10.40	10.51	12.34	11.31	11.89	(9%)
4th/[267,276)	7.07	6.12	12.47	8.27	10.91	10.67	12.83	8.99	11.39	11.27	(8.6%)
5th/[276,289)	5.95	8.65	7.91	11.17	10.11	11.09	10.69	11.91	12.72	9.79	(12.6%)
6th/[289,297)	7.47	10.24	6.36	12.31	11.20	10.10	10.51	11.62	8.58	11.62	(7.4%)
7th/[297,310)	7.19	10.68	10.47	11.19	12.53	8.21	9.86	11.70	9.96	8.21	(10%)
8th/[310,326)	8.72	10.07	10.93	9.88	10.64	11.51	10.64	9.40	8.72	9.49	(10.7%)
9th/[326,351)	10.21	10.76	9.39	11.03	13.22	9.21	10.12	8.66	10.12	7.29	(11.3%)
10th/[351,510)	10.70	11.86	9.26	10.70	11.48	10.70	9.35	9.06	8.78	8.10	(10.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution