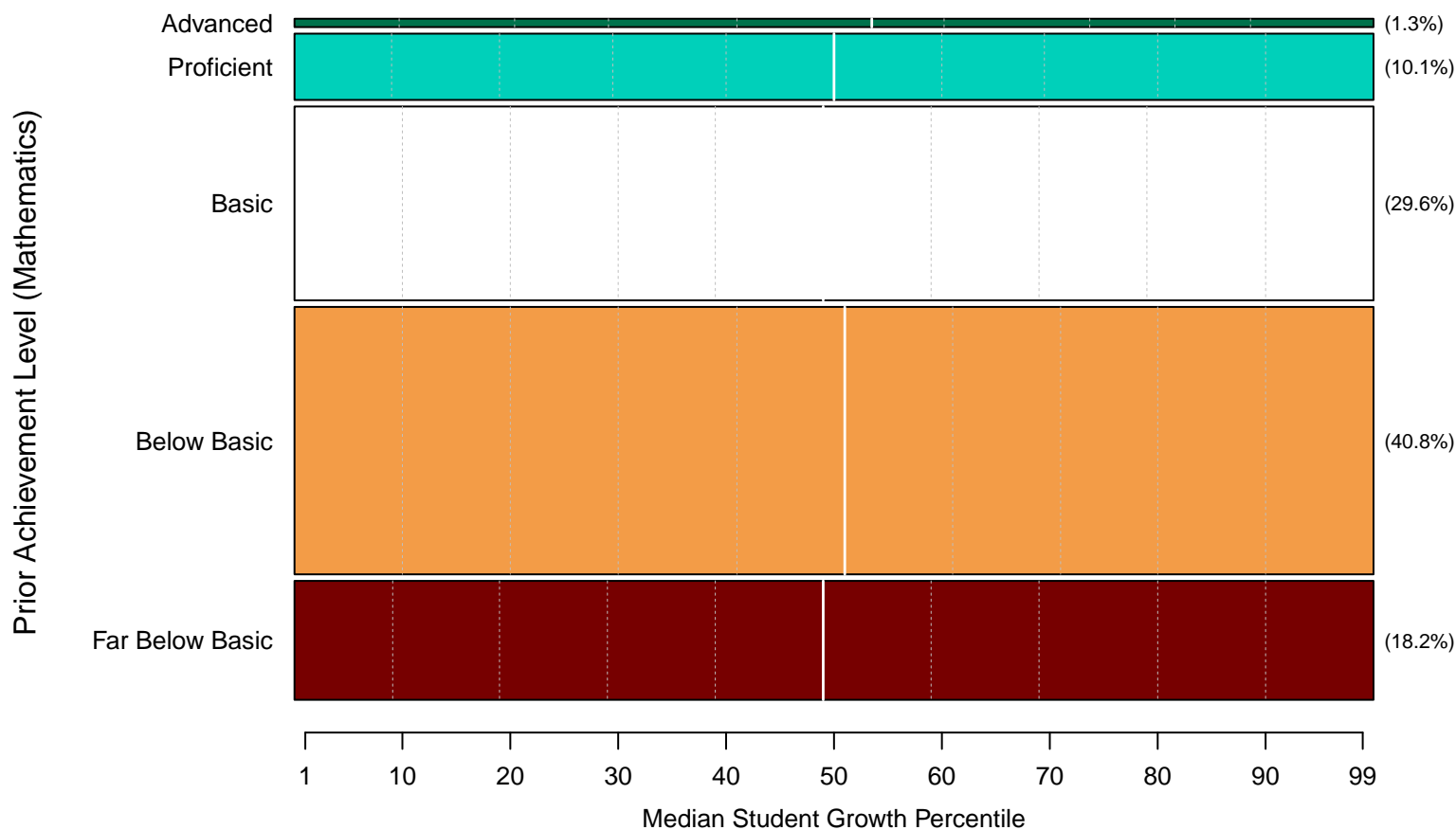# Student Growth Percentile Goodness–of–Fit Descriptives

2013 General Mathematics SGP, Grade EOCT (N = 7,665)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percentage
Advanced	(1.3%)
Proficient	(10.1%)
Basic	(29.6%)
Below Basic	(40.8%)
Far Below Basic	(18.2%)

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/[168,242)	8.40	9.83	10.94	9.98	9.83	9.98	10.30	9.83	10.94	9.98	(8.2%)
2nd/[242,257)	11.43	11.30	8.28	10.38	10.91	9.99	9.07	9.07	9.07	10.51	(9.9%)
3rd/[257,267)	8.44	7.98	11.04	9.97	8.59	10.58	11.35	11.20	11.04	9.82	(8.5%)
4th/[267,280)	10.28	10.89	9.38	8.77	11.39	10.38	10.18	9.98	8.47	10.28	(12.9%)
5th/[280,289)	9.12	10.36	10.97	10.82	8.81	8.96	8.19	9.27	12.52	10.97	(8.4%)
6th/[289,302)	9.06	8.82	10.01	9.77	10.73	9.54	10.37	10.25	10.97	10.49	(10.9%)
7th/[302,314)	9.66	10.74	9.80	11.41	8.72	10.20	10.20	10.47	8.19	10.60	(9.7%)
8th/[314,330)	10.31	9.69	10.06	8.07	11.55	9.69	10.56	10.19	10.19	9.69	(10.5%)
9th/[330,351)	9.32	10.15	10.01	11.82	8.90	10.43	9.60	9.87	9.60	10.29	(9.4%)
10th/[351,510]	10.18	9.84	10.07	9.38	10.07	10.07	10.07	9.73	10.41	10.18	(11.4%)

*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