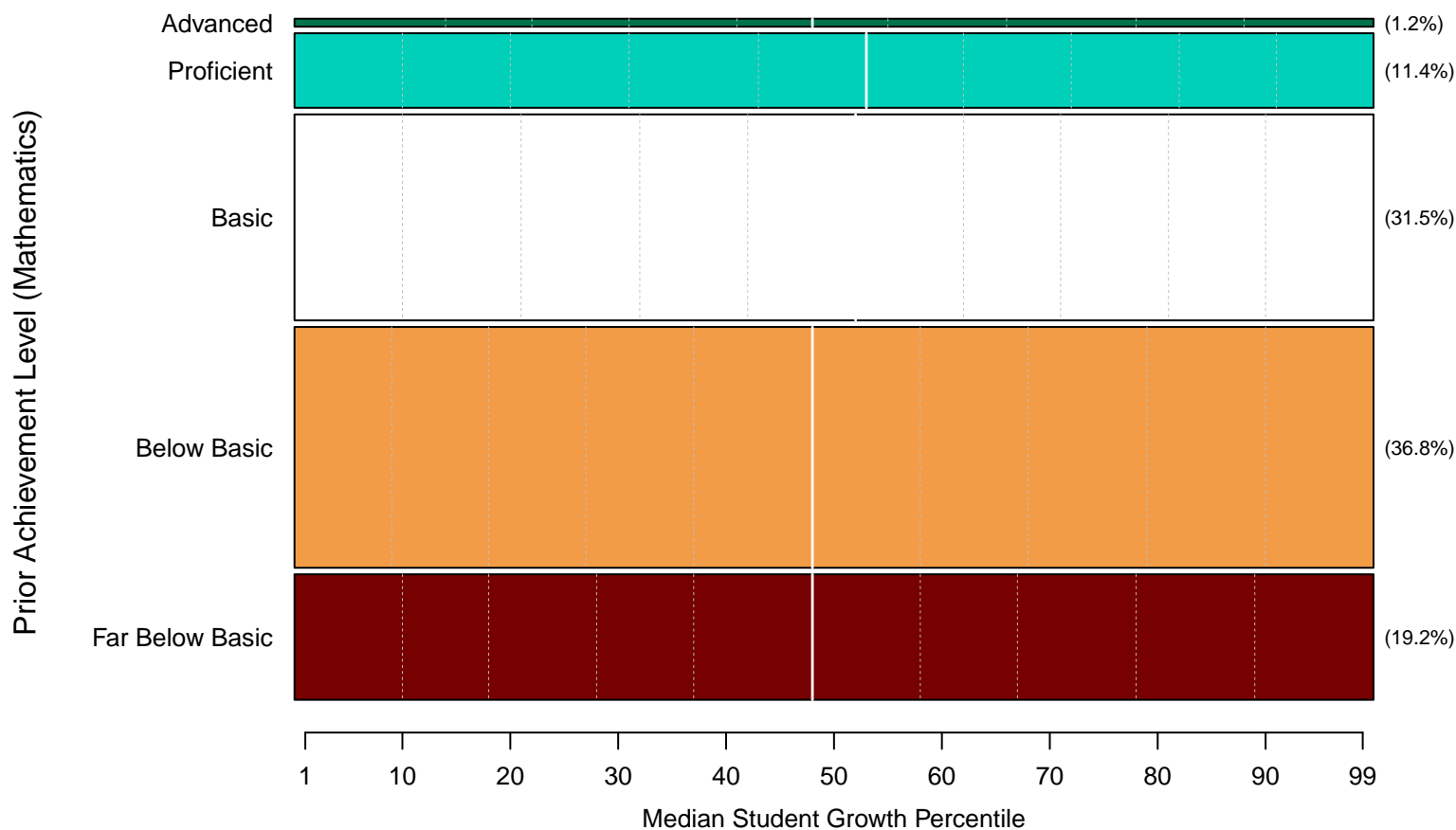# Student Growth Percentile Goodness–of–Fit Descriptives

2011 General Mathematics SGP, Grade EOCT (N = 10,739)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percent
Advanced	(1.2%)
Proficient	(11.4%)
Basic	(31.5%)
Below Basic	(36.8%)
Far Below Basic	(19.2%)

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/[150,243)	10.81	10.59	12.37	9.81	10.37	9.48	9.14	9.59	9.14	8.70	(8.4%)
2nd/[243,259)	8.70	12.06	9.82	10.08	9.82	9.22	11.71	8.96	10.08	9.56	(10.8%)
3rd/[259,269)	14.14	11.72	9.77	12.64	9.54	7.36	8.85	8.74	7.93	9.31	(8.1%)
4th/[269,278)	10.40	9.40	11.62	9.51	7.74	10.84	8.52	10.51	10.07	11.39	(8.4%)
5th/[278,291)	9.27	10.77	11.14	10.10	10.77	9.72	9.35	9.35	9.57	9.95	(12.4%)
6th/[291,304)	9.14	8.89	10.99	8.81	10.49	8.81	11.49	9.06	10.32	12.00	(11.1%)
7th/[304,317)	11.47	9.56	7.75	11.67	9.86	10.66	8.75	9.46	10.26	10.56	(9.3%)
8th/[317,334)	9.58	8.37	9.40	8.80	9.84	10.09	12.25	10.79	10.87	10.01	(10.8%)
9th/[334,355)	8.04	9.98	9.98	8.14	9.79	10.85	10.27	10.85	10.56	11.53	(9.6%)
10th/[355,584]	9.72	8.89	9.97	8.47	9.89	10.73	10.65	9.14	11.15	11.40	(11.1%)

*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