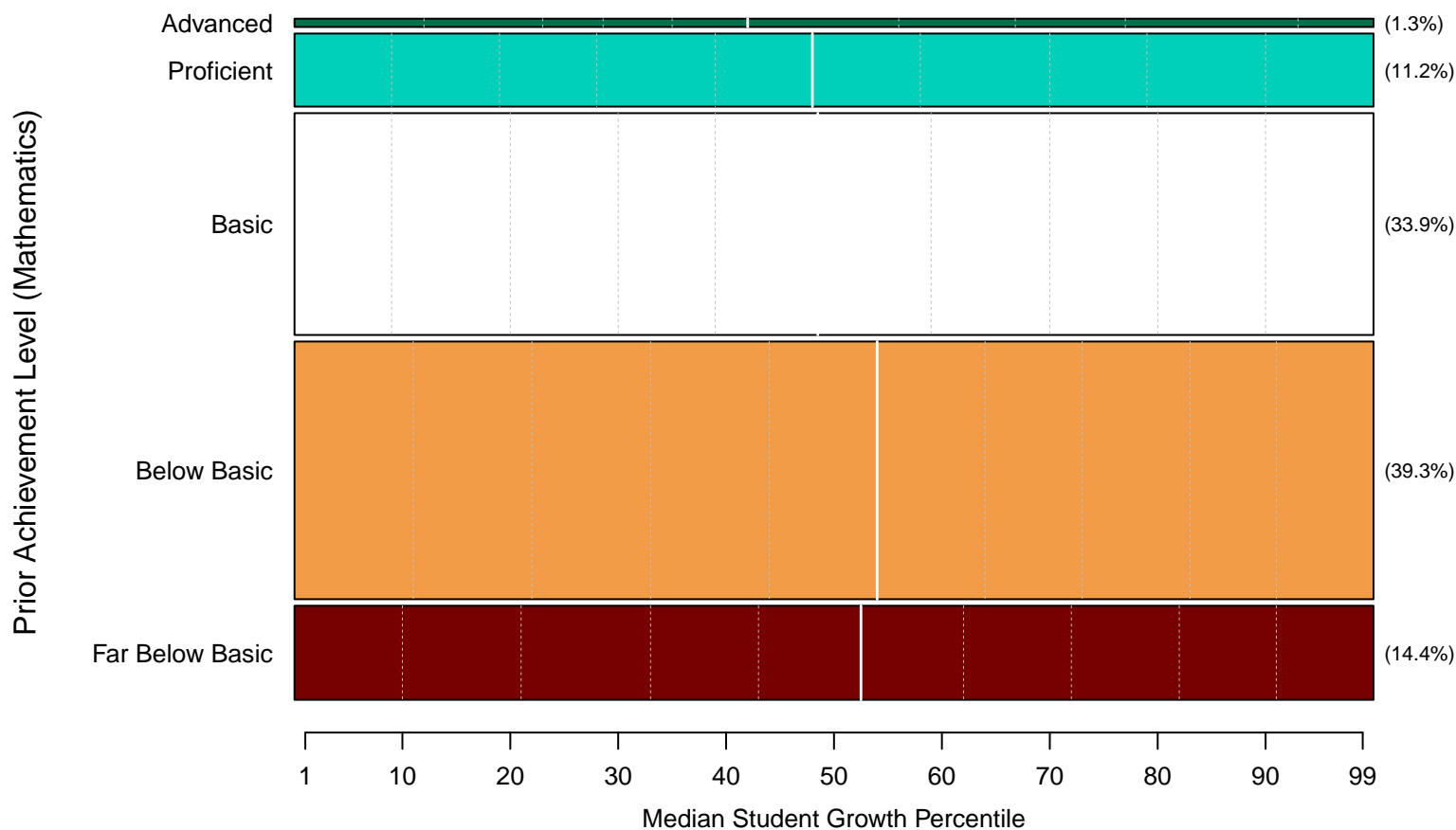# Student Growth Percentile Goodness–of–Fit Descriptives
2012 General Mathematics SGP, Grade EOCT (N = 10,039)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced (1.3%)
- Proficient (11.2%)
- Basic (33.9%)
- Below Basic (39.3%)
- Far Below Basic (14.4%)

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/[168,248)	9.74	9.03	9.50	8.08	9.50	10.45	11.05	12.23	8.19	12.23	(8.4%)
2nd/[248,263)	8.52	9.24	8.52	8.01	11.19	11.40	10.99	7.70	11.91	12.53	(9.7%)
3rd/[263,272)	9.18	10.40	12.48	6.61	7.22	10.04	12.73	9.18	9.91	12.24	(8.1%)
4th/[272,285)	7.30	8.93	7.47	11.08	10.40	8.42	14.26	8.93	9.62	13.57	(11.6%)
5th/[285,294)	9.00	8.14	10.23	10.73	6.91	11.96	9.12	10.48	11.84	11.59	(8.1%)
6th/[294,306)	8.07	8.79	10.61	9.16	9.61	9.07	11.88	8.16	12.78	11.88	(11%)
7th/[306,322)	10.23	7.91	10.00	11.32	12.95	9.07	8.29	10.00	9.92	10.31	(12.8%)
8th/[322,335)	9.98	11.06	8.89	11.90	9.74	10.22	9.13	9.13	11.06	8.89	(8.3%)
9th/[335,356)	11.38	9.50	10.30	11.65	9.41	8.06	8.69	10.93	9.32	10.75	(11.1%)
10th/[356,578]	9.91	10.28	10.83	9.63	10.18	10.73	8.53	10.09	8.99	10.83	(10.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution