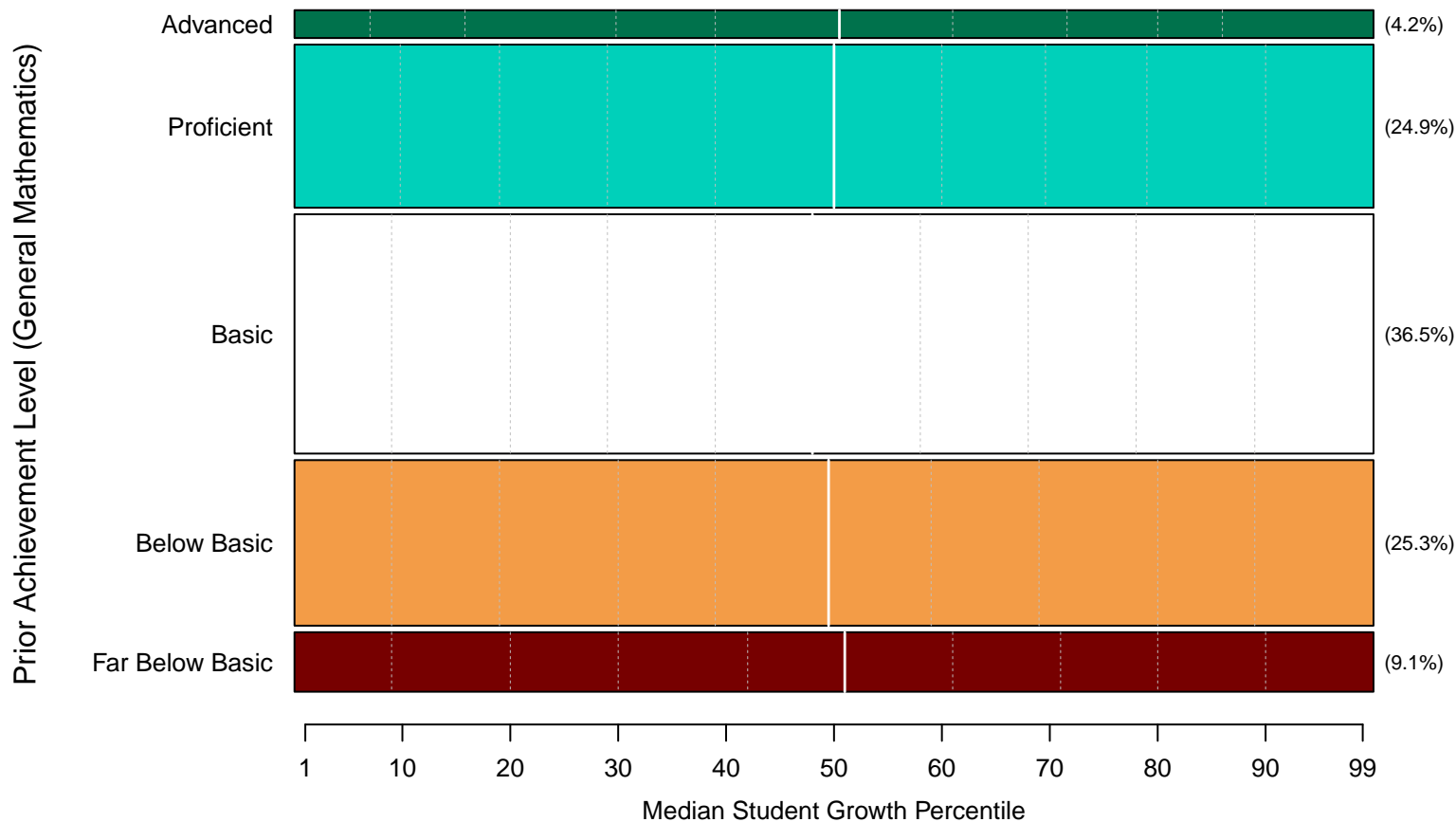# Student Growth Percentile Goodness–of–Fit Descriptives

2013 Integrated Science 1 SGP, Grade EOCT (N = 1,884)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

- Advanced (4.2%)
- Proficient (24.9%)
- Basic (36.5%)
- Below Basic (25.3%)
- Far Below Basic (9.1%)

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/[201,259)	10.53	8.77	10.53	8.19	9.94	9.36	11.70	9.36	11.11	10.53	(9.1%)
2nd/[259,277)	13.61	10.06	7.69	12.43	10.06	11.24	8.88	10.06	7.10	8.88	(9%)
3rd/[277,294)	6.81	13.09	9.42	9.95	8.90	10.47	10.47	9.95	11.52	9.42	(10.1%)
4th/[294,306)	11.05	7.56	12.21	11.05	9.30	8.14	10.47	7.56	9.88	12.79	(9.1%)
5th/[306,322)	8.94	9.36	9.79	10.21	11.49	10.64	10.64	11.49	8.94	8.51	(12.5%)
6th/[322,334)	13.81	10.50	9.94	8.29	9.39	11.05	7.73	8.29	11.05	9.94	(9.6%)
7th/[334,347)	7.51	9.83	10.40	9.83	10.40	9.83	12.14	8.67	11.56	9.83	(9.2%)
8th/[347,365)	6.84	10.53	10.53	9.47	8.95	8.95	10.53	13.16	9.47	11.58	(10.1%)
9th/[365,389)	12.20	10.73	8.29	9.76	9.76	10.24	10.24	9.27	8.29	11.22	(10.9%)
10th/[389,484]	11.68	10.15	10.66	11.68	10.15	9.14	9.14	10.15	10.15	7.11	(10.5%)

*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