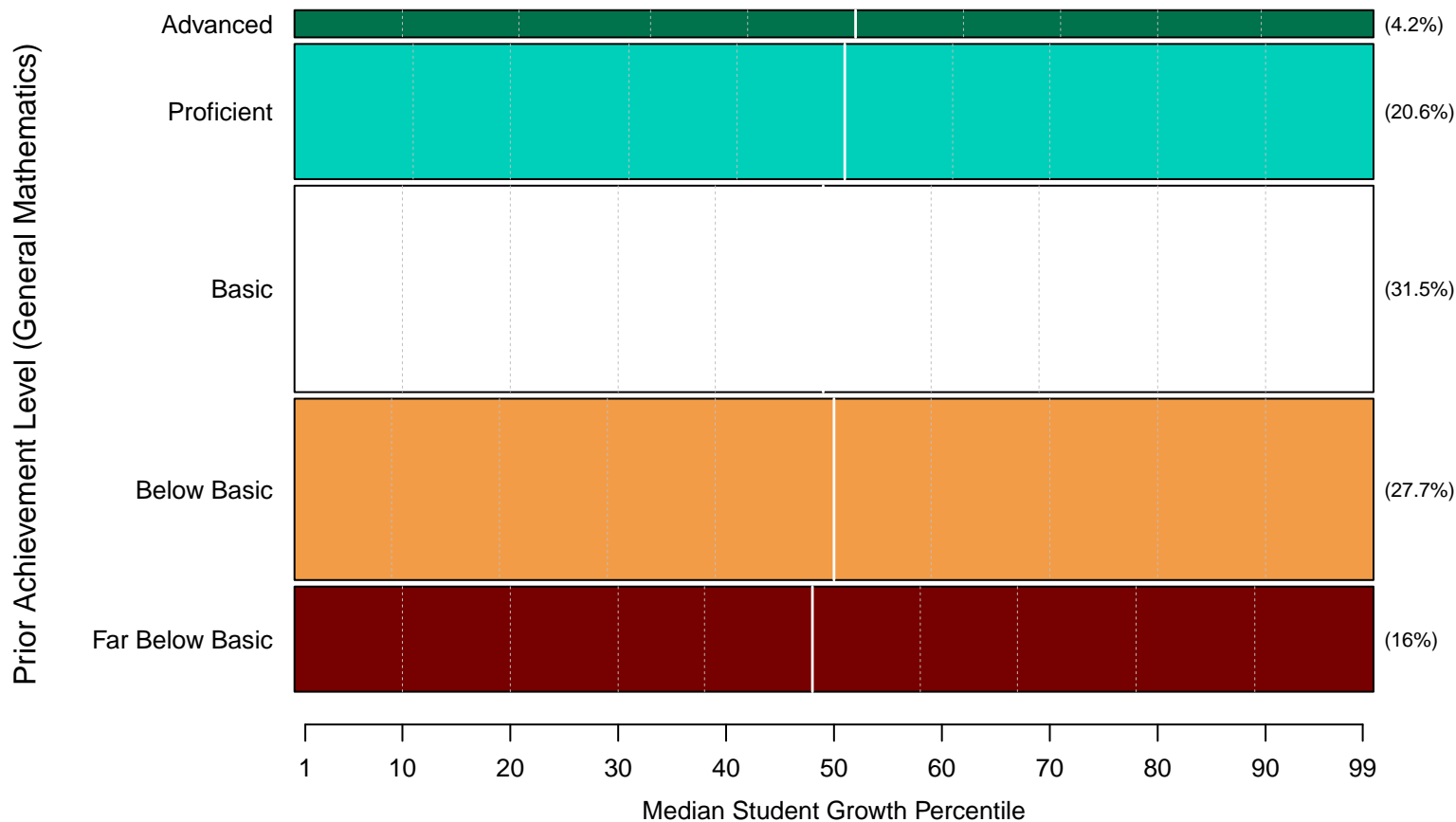# Student Growth Percentile Goodness–of–Fit Descriptives
2012 Integrated Science 1 SGP, Grade EOCT (N = 3,733)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Level	Percent
Advanced	(4.2%)
Proficient	(20.6%)
Basic	(31.5%)
Below Basic	(27.7%)
Far Below Basic	(16%)

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/[162,242)	11.49	10.81	8.45	12.16	8.78	7.77	11.82	9.80	9.46	9.46	(7.9%)
2nd/[242,262)	8.43	8.67	10.60	12.05	6.99	13.49	6.51	12.05	9.88	11.33	(11.1%)
3rd/[262,276)	10.09	12.93	7.57	10.73	10.73	13.56	6.62	8.20	9.46	10.09	(8.5%)
4th/[276,292)	11.41	9.22	8.74	8.98	13.11	8.01	9.22	11.65	9.71	9.95	(11%)
5th/[292,309)	8.23	11.22	11.47	12.22	6.98	8.48	11.97	8.23	10.97	10.22	(10.7%)
6th/[309,325)	7.63	8.14	9.67	8.14	13.23	11.96	11.96	9.67	10.18	9.41	(10.5%)
7th/[325,338)	13.36	11.55	9.39	12.27	7.58	5.78	10.47	12.27	6.50	10.83	(7.4%)
8th/[338,360)	10.15	9.94	9.51	8.46	11.63	10.99	7.82	7.61	12.26	11.63	(12.7%)
9th/[360,384)	8.43	10.76	11.63	9.30	9.30	9.59	12.21	11.63	8.14	9.01	(9.2%)
10th/[384,573]	9.88	9.63	10.37	10.86	9.63	9.88	10.62	8.64	10.37	10.12	(10.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution