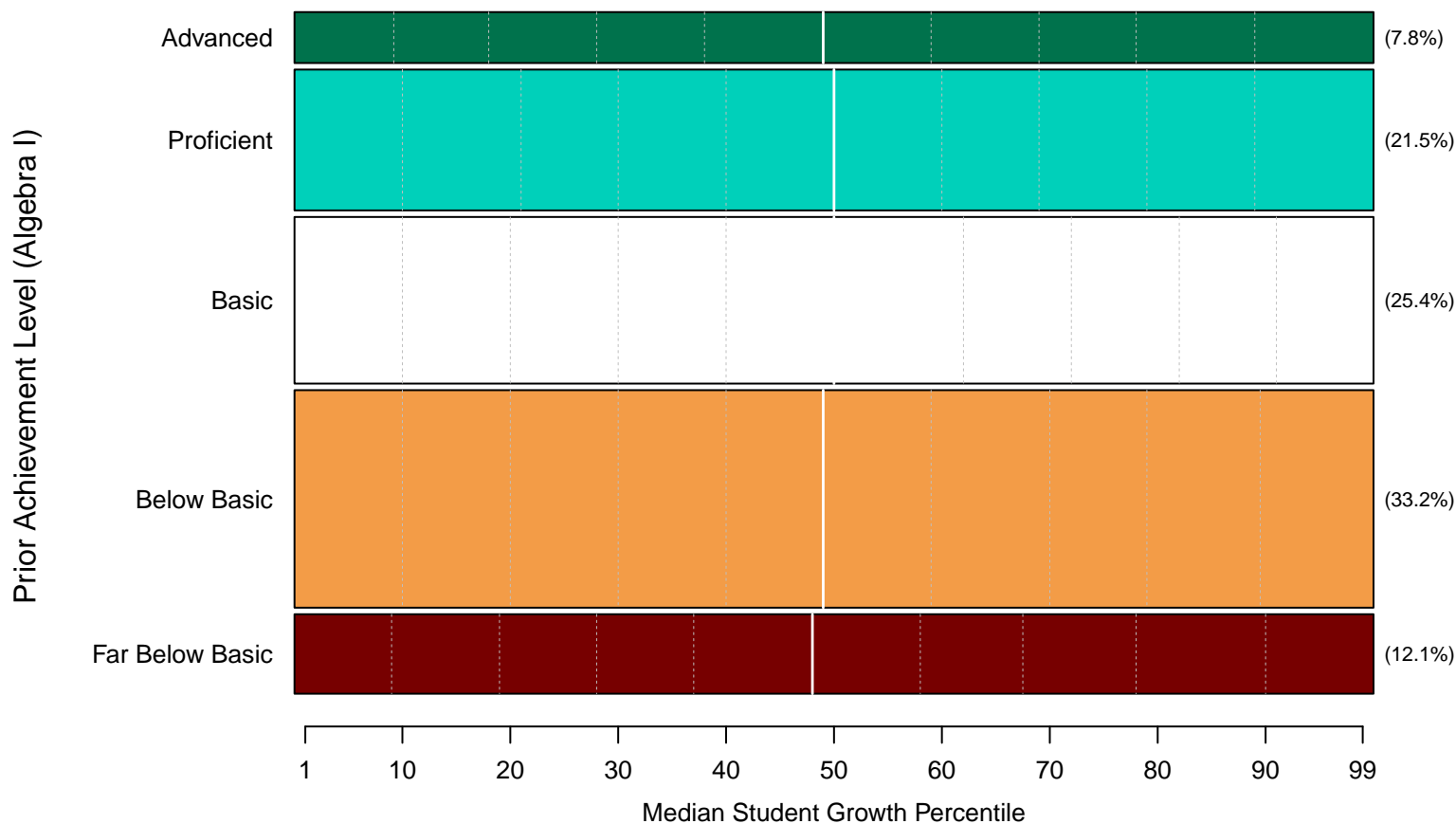# Student Growth Percentile Goodness–of–Fit Descriptives
2013 Integrated Science 1 SGP, Grade EOCT (N = 3,513)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percent
Advanced	(7.8%)
Proficient	(21.5%)
Basic	(25.4%)
Below Basic	(33.2%)
Far Below Basic	(12.1%)

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/[165,252)	10.76	10.44	11.08	8.86	9.81	11.39	10.44	9.49	7.91	9.81	(9%)
2nd/[252,269)	9.72	9.17	8.33	10.56	10.00	9.44	9.17	10.83	11.94	10.83	(10.2%)
3rd/[269,279)	8.08	9.76	11.45	9.09	12.46	8.42	9.76	10.44	10.44	10.10	(8.5%)
4th/[279,294)	9.79	9.28	9.54	10.57	9.28	9.79	11.86	9.02	9.28	11.60	(11%)
5th/[294,308)	11.01	12.46	10.43	11.30	7.54	11.01	8.99	11.01	7.83	8.41	(9.8%)
6th/[308,327)	8.77	7.40	8.77	10.68	10.41	10.68	10.68	8.77	12.05	11.78	(10.4%)
7th/[327,346)	9.50	11.28	11.28	8.31	10.98	8.90	8.31	10.09	10.39	10.98	(9.6%)
8th/[346,371)	8.75	10.20	9.91	10.79	9.04	10.50	11.37	10.79	8.45	10.20	(9.8%)
9th/[371,409)	10.79	10.53	9.74	10.26	11.05	9.47	8.42	9.74	10.26	9.74	(10.8%)
10th/[409,600]	9.42	9.95	9.69	9.95	9.69	10.73	10.21	10.21	10.21	9.95	(10.9%)

*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