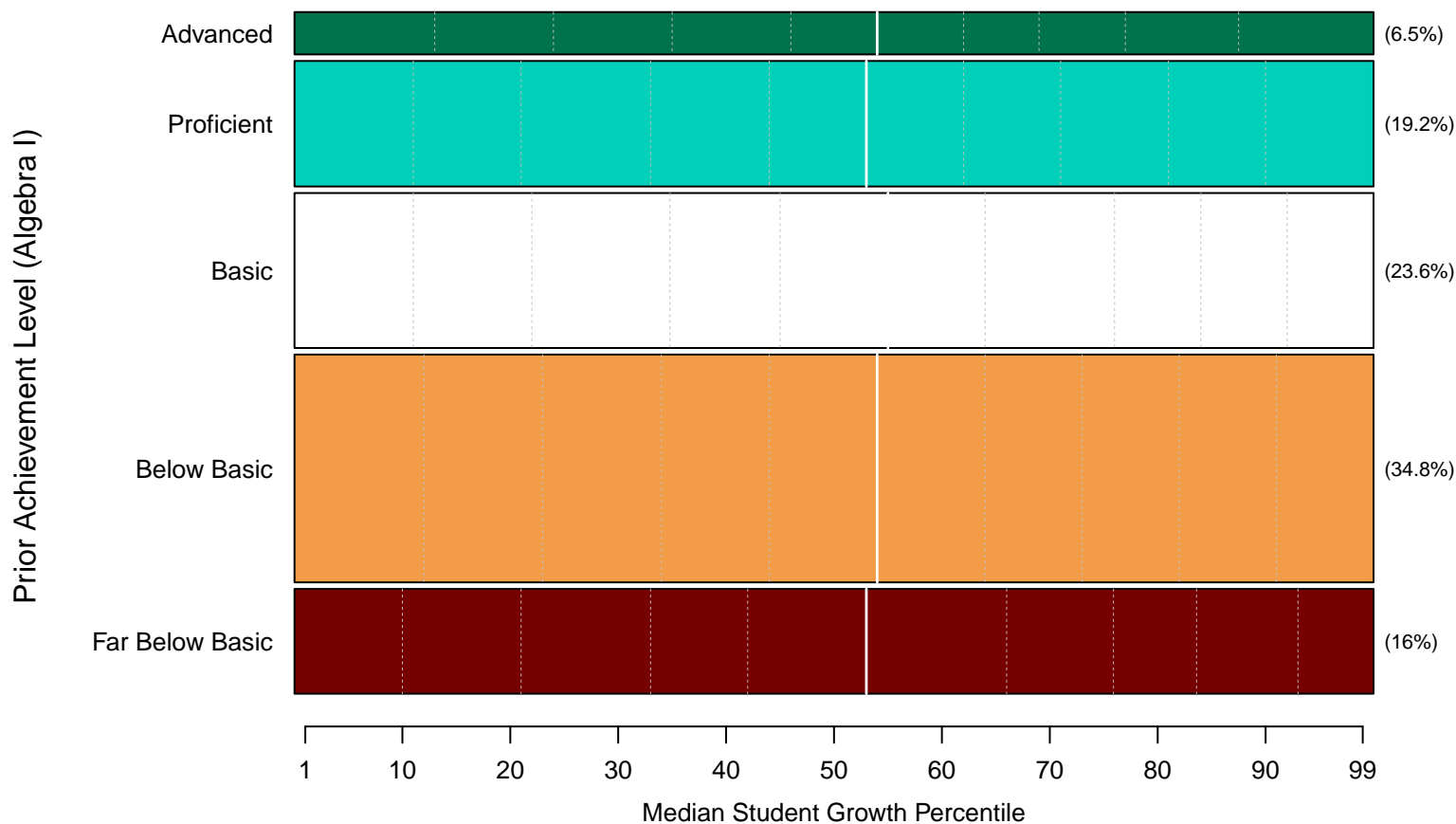# Student Growth Percentile Goodness–of–Fit Descriptives

2013 Integrated Science 1 SGP, Grade EOCT (N = 4,428)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percent
Advanced	(6.5%)
Proficient	(19.2%)
Basic	(23.6%)
Below Basic	(34.8%)
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/[165,246)	9.84	6.99	8.81	11.14	11.92	9.59	9.33	8.29	11.40	12.69	(8.7%)
2nd/[246,263)	7.99	7.79	9.22	9.63	8.61	8.61	10.66	11.89	12.50	13.11	(11%)
3rd/[263,274)	5.84	11.42	8.12	9.64	14.47	6.85	6.85	13.20	10.15	13.45	(8.9%)
4th/[274,284)	7.63	10.73	3.67	11.30	8.19	9.32	14.12	7.63	11.86	15.54	(8%)
5th/[284,299)	8.21	11.29	9.03	10.47	6.37	13.76	9.45	10.47	8.83	12.11	(11%)
6th/[299,318)	8.30	10.04	9.07	9.27	11.00	10.23	9.65	11.00	11.97	9.46	(11.7%)
7th/[318,337)	8.37	6.40	9.85	8.13	7.88	10.59	12.07	8.62	13.30	14.78	(9.2%)
8th/[337,366)	7.52	9.31	11.49	9.70	10.69	9.11	9.90	11.88	10.10	10.30	(11.4%)
9th/[366,403)	8.88	10.75	9.11	9.11	6.31	11.92	11.21	11.45	10.75	10.51	(9.7%)
10th/[403,600]	7.36	10.17	7.58	9.74	11.90	10.61	12.34	9.31	11.90	9.09	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution