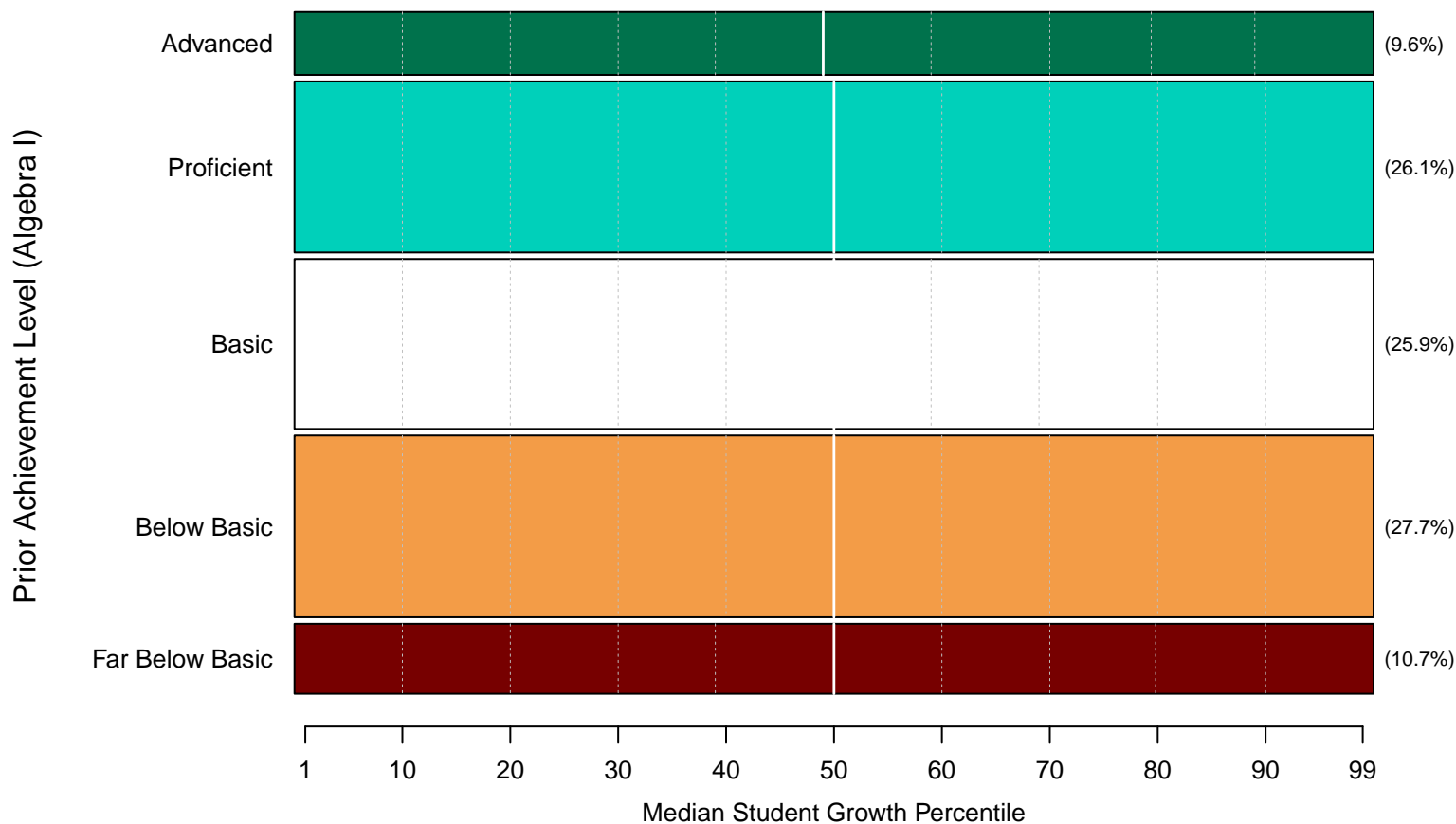# Student Growth Percentile Goodness–of–Fit Descriptives

2012 Biology SGP, Grade EOCT (N = 13,192)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Advanced	(9.6%)
Proficient	(26.1%)
Basic	(25.9%)
Below Basic	(27.7%)
Far Below Basic	(10.7%)

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/[152,252)	10.03	9.38	9.84	10.49	9.84	9.94	9.94	10.31	9.94	10.31	(8.2%)
2nd/[252,274)	9.05	10.62	10.30	9.05	10.16	9.97	10.03	9.64	10.49	10.69	(11.6%)
3rd/[274,289)	9.60	9.27	9.52	10.89	10.40	10.56	10.08	11.05	9.19	9.44	(9.4%)
4th/[289,304)	10.29	10.87	10.13	8.99	8.74	9.64	10.13	9.31	10.62	11.27	(9.3%)
5th/[304,323)	8.47	9.56	10.79	11.13	10.52	9.70	9.77	10.25	9.63	10.18	(11.1%)
6th/[323,342)	10.27	9.54	9.17	9.68	10.71	10.64	9.46	9.54	10.12	10.86	(10.3%)
7th/[342,361)	9.73	10.92	9.90	9.98	8.70	10.07	11.01	9.73	9.81	10.15	(8.9%)
8th/[361,387)	9.16	10.04	10.34	9.68	10.41	9.31	9.02	11.00	10.41	10.63	(10.3%)
9th/[387,423)	10.34	9.95	9.57	9.11	9.95	10.34	11.26	9.04	9.72	10.72	(9.9%)
10th/[423,600]	9.40	10.02	10.30	10.84	10.30	10.02	9.20	10.30	9.81	9.81	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution