Student Growth Percentile Goodness–of–Fit Descriptives
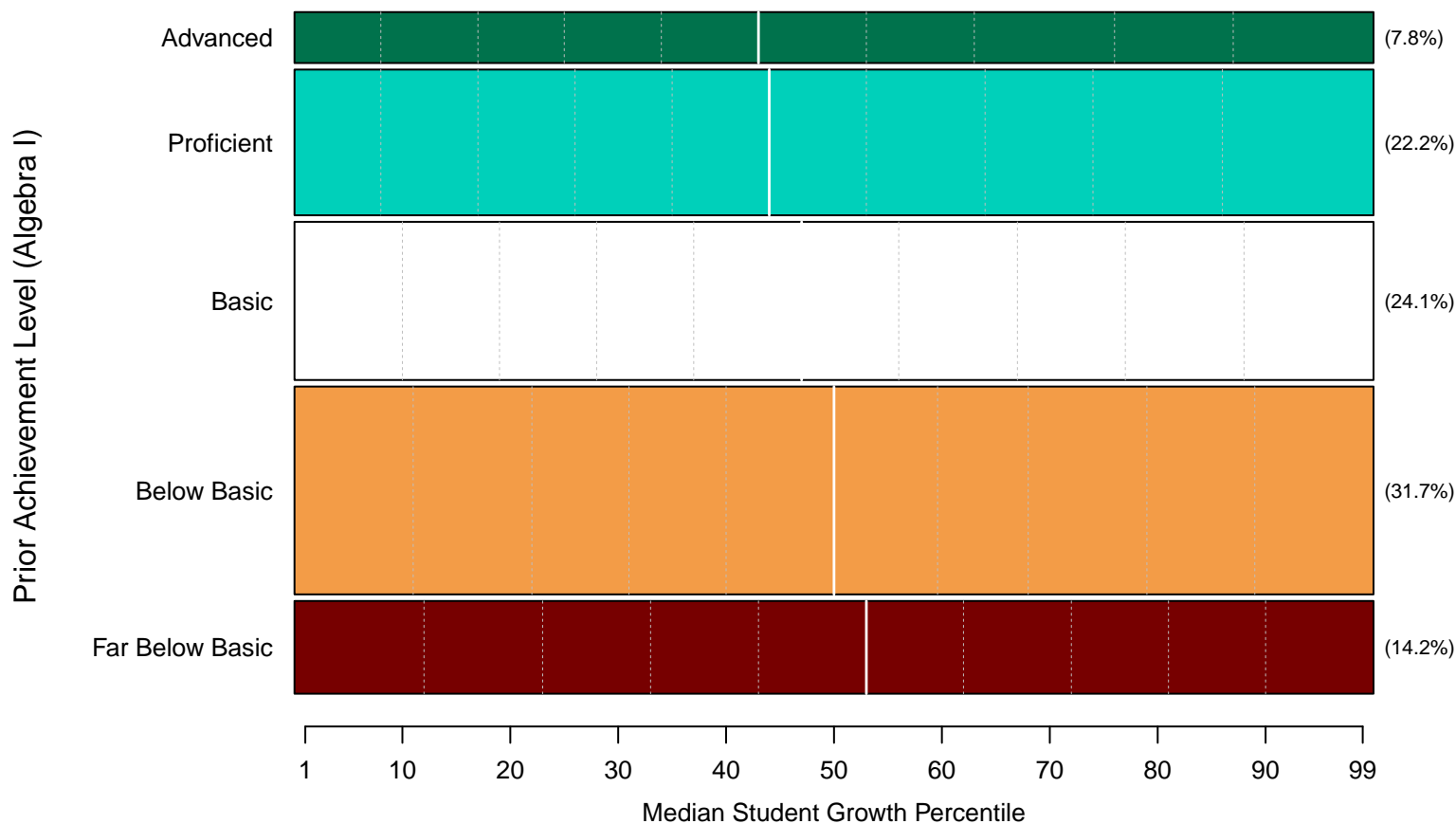## 2013 Biology SGP, Grade EOCT (N = 28,369)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percentage
Advanced	(7.8%)
Proficient	(22.2%)
Basic	(24.1%)
Below Basic	(31.7%)
Far Below Basic	(14.2%)

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/[158,246)	6.77	9.31	10.75	9.65	10.57	9.87	11.45	9.61	11.23	10.79	(8.1%)
2nd/[246,263)	8.14	9.19	9.51	9.69	11.03	9.73	10.95	11.21	11.32	9.23	(9.8%)
3rd/[263,279)	8.46	8.31	9.40	14.04	8.28	11.66	9.62	10.66	10.06	9.50	(11.2%)
4th/[279,294)	8.08	8.97	11.94	8.41	11.05	10.39	10.85	10.95	9.60	9.73	(10.7%)
5th/[294,308)	8.64	10.26	9.86	10.10	11.20	11.83	10.37	10.57	8.36	8.80	(8.9%)
6th/[308,327)	9.60	11.27	10.47	10.29	10.92	9.11	9.63	10.01	10.15	8.55	(10.1%)
7th/[327,349)	10.47	10.66	10.91	12.14	10.59	10.31	8.82	9.68	8.82	7.59	(11.1%)
8th/[349,376)	11.38	11.38	10.75	11.23	11.27	8.31	10.68	8.83	7.80	8.35	(9.5%)
9th/[376,415)	11.49	11.83	11.60	10.50	12.04	9.11	10.71	8.08	7.78	6.86	(10.3%)
10th/[415,600]	11.24	11.94	11.38	10.69	10.48	9.29	9.89	8.28	8.95	7.87	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution