Student Growth Percentile Goodness–of–Fit Descriptives
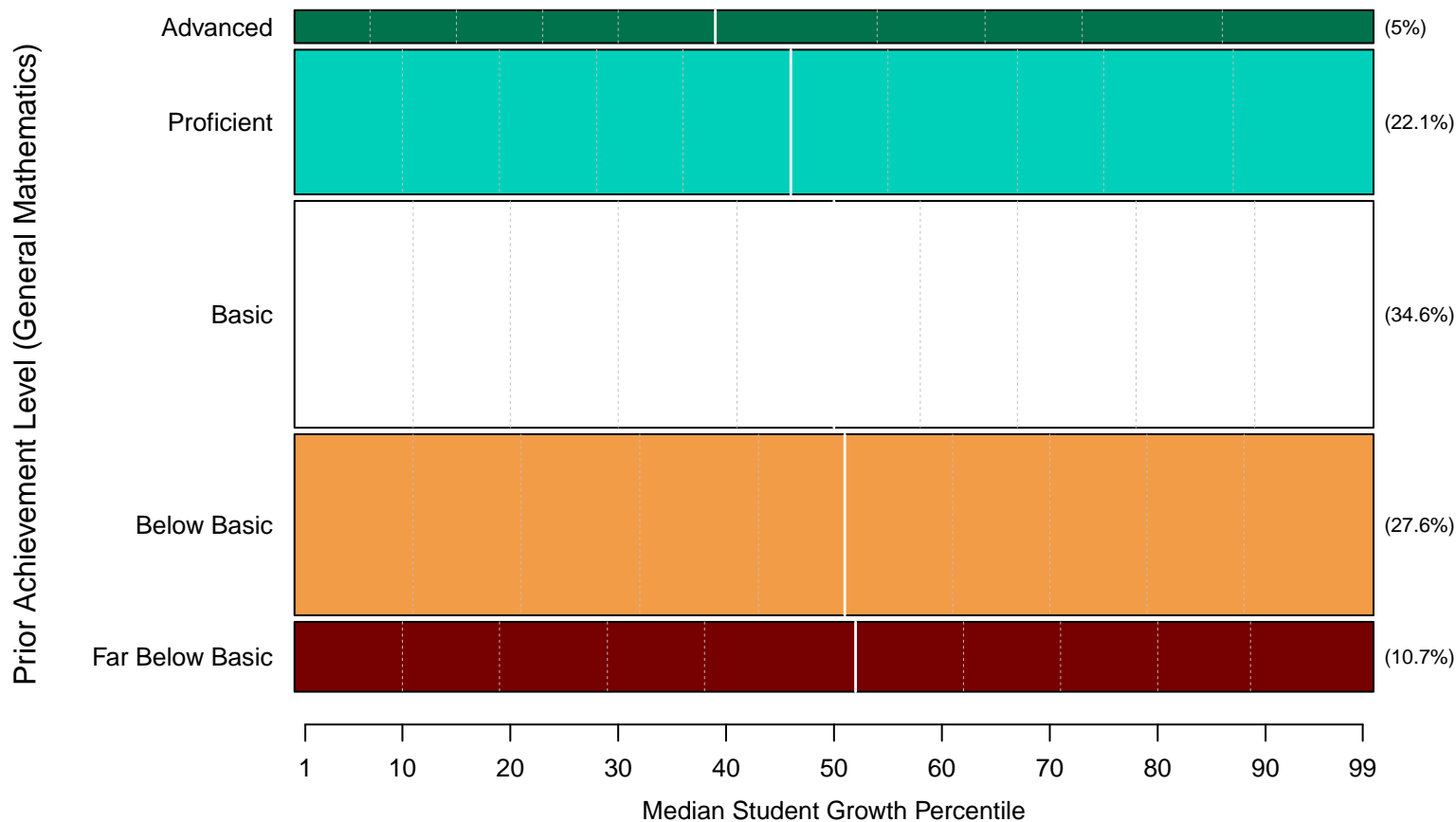## 2013 Biology SGP, Grade EOCT (N = 3,800)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Advanced	(5%)
Proficient	(22.1%)
Basic	(34.6%)
Below Basic	(27.6%)
Far Below Basic	(10.7%)

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/[164,254)	9.17	8.56	10.70	11.62	8.56	8.26	11.93	10.70	11.62	8.87	(8.6%)
2nd/[254,273)	10.98	8.96	9.25	7.51	10.12	11.56	10.12	8.96	13.58	8.96	(9.1%)
3rd/[273,289)	6.17	8.40	8.64	7.65	13.09	11.60	11.60	12.35	10.37	10.12	(10.7%)
4th/[289,302)	9.55	13.53	10.34	9.02	11.41	8.49	10.08	12.73	9.02	5.84	(9.9%)
5th/[302,314)	9.76	12.14	8.97	9.50	11.08	8.18	8.97	11.35	10.29	9.76	(10%)
6th/[314,330)	7.13	9.74	7.60	10.45	9.74	13.30	14.49	8.55	9.03	9.98	(11.1%)
7th/[330,347)	9.68	9.43	14.14	8.44	13.40	8.68	10.17	8.19	9.18	8.68	(10.6%)
8th/[347,360)	8.67	11.46	10.22	8.98	10.53	12.07	8.98	9.29	9.29	10.53	(8.5%)
9th/[360,389)	8.99	11.52	8.99	13.36	11.29	10.14	10.14	9.68	8.99	6.91	(11.4%)
10th/[389,573]	12.47	11.95	13.51	11.43	7.27	8.31	10.13	9.35	8.31	7.27	(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