Student Growth Percentile Goodness–of–Fit Descriptives
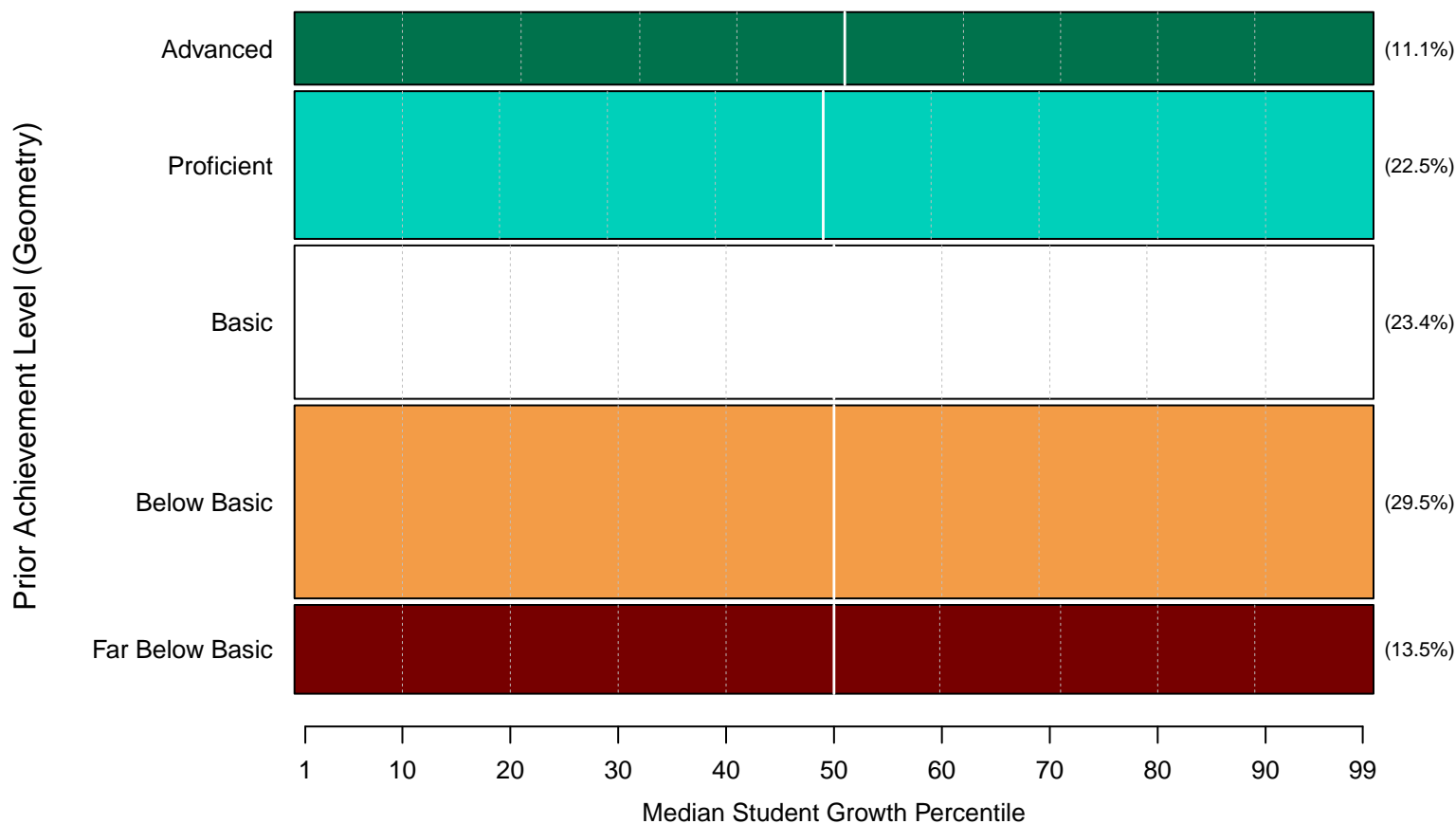## 2012 Biology SGP, Grade EOCT (N = 6,713)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Level	Percent
Advanced	(11.1%)
Proficient	(22.5%)
Basic	(23.4%)
Below Basic	(29.5%)
Far Below Basic	(13.5%)

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/[175,238)	10.94	10.42	10.24	9.55	9.55	10.24	9.90	9.38	9.72	10.07	(8.6%)
2nd/[238,257)	8.99	9.54	9.54	10.76	10.08	9.40	10.76	10.35	10.63	9.95	(10.9%)
3rd/[257,270)	9.17	10.07	10.61	9.17	10.97	11.33	9.89	9.89	8.27	10.61	(8.3%)
4th/[270,292)	9.68	9.81	9.02	10.74	9.68	8.49	9.42	9.68	12.60	10.88	(11.2%)
5th/[292,312)	9.79	11.42	10.83	10.53	9.79	11.72	8.75	9.64	7.86	9.64	(10%)
6th/[312,333)	9.06	9.06	10.29	8.14	9.68	10.14	11.52	10.91	10.29	10.91	(9.7%)
7th/[333,356)	10.73	8.99	9.46	10.88	9.78	8.99	10.57	10.09	9.46	11.04	(9.4%)
8th/[356,388)	8.85	11.13	9.52	9.38	10.59	9.65	10.32	10.05	11.53	8.98	(11.1%)
9th/[388,422)	9.61	10.23	11.94	10.08	10.54	11.01	8.22	8.06	8.84	11.47	(9.6%)
10th/[422,600]	9.56	9.42	9.42	10.09	9.69	9.29	10.50	11.71	10.36	9.96	(11.1%)

*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