Student Growth Percentile Goodness–of–Fit Descriptives
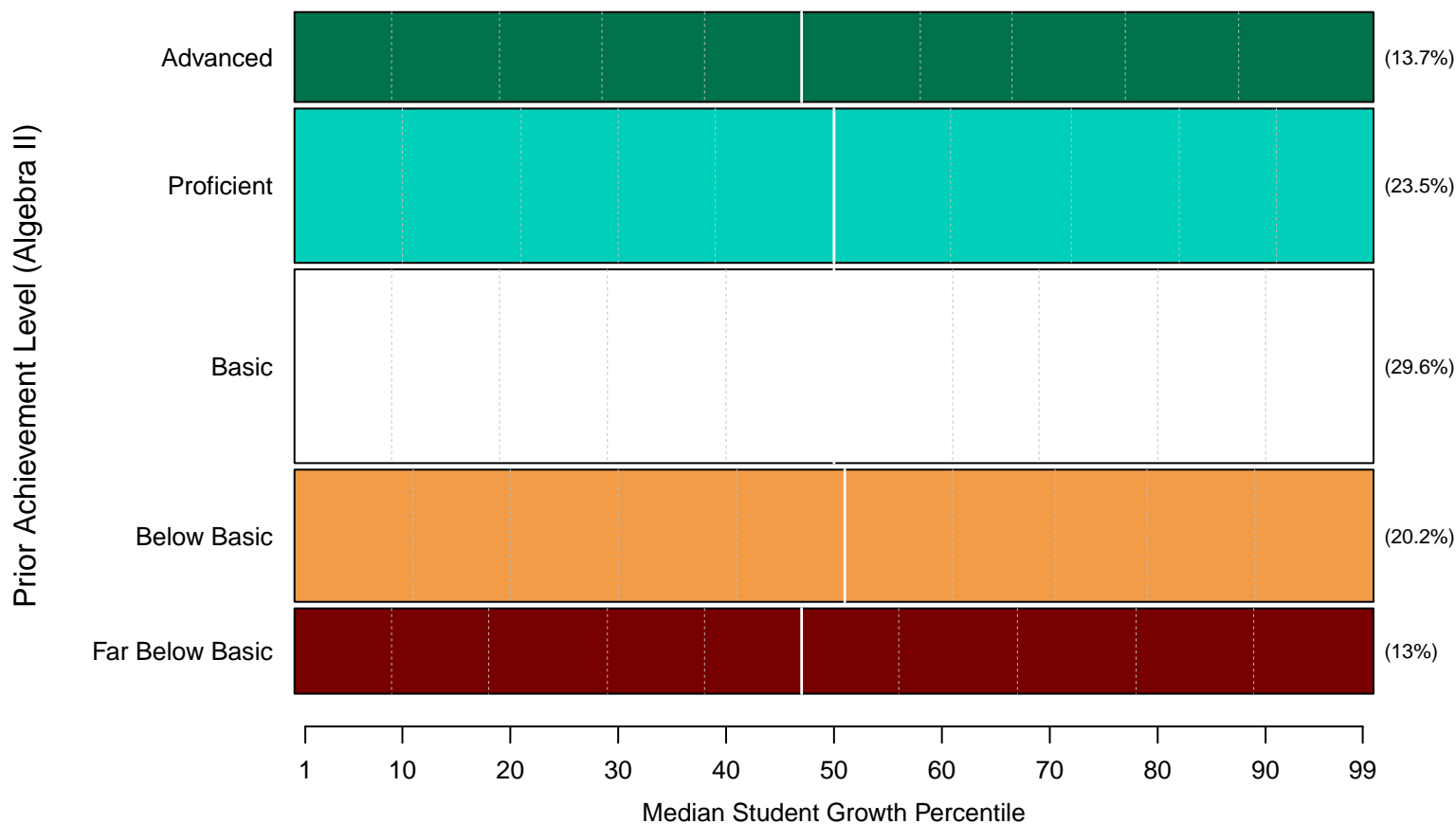## 2013 Biology SGP, Grade EOCT (N = 2,013)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

Level	Percentage
Advanced	(13.7%)
Proficient	(23.5%)
Basic	(29.6%)
Below Basic	(20.2%)
Far Below Basic	(13%)

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/[167,250)	10.59	11.76	9.41	9.41	8.82	10.59	8.82	11.76	8.24	10.59	(8.4%)
2nd/[250,275)	10.71	8.48	10.27	8.93	11.16	8.48	12.05	8.48	12.05	9.38	(11.1%)
3rd/[275,293)	9.47	10.00	11.05	13.68	9.47	8.95	9.47	10.53	8.42	8.95	(9.4%)
4th/[293,311)	8.63	11.68	7.11	8.63	10.15	12.69	8.12	11.17	12.18	9.64	(9.8%)
5th/[311,330)	9.43	7.55	12.26	9.91	9.43	7.55	10.38	11.32	8.49	13.68	(10.5%)
6th/[330,344)	10.69	12.58	9.43	8.81	11.32	10.06	12.58	6.29	9.43	8.81	(7.9%)
7th/[344,364)	10.63	11.11	10.14	10.14	8.21	11.59	10.14	9.18	8.70	10.14	(10.3%)
8th/[364,391)	9.28	8.44	8.44	11.39	11.81	12.24	7.17	10.55	10.97	9.70	(11.8%)
9th/[391,433)	8.21	8.72	13.33	9.23	10.26	5.64	12.82	11.28	9.23	11.28	(9.7%)
10th/[433,600]	11.71	11.26	8.11	9.91	9.46	11.26	9.46	9.01	11.26	8.56	(11%)

*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