Student Growth Percentile Goodness–of–Fit Descriptives
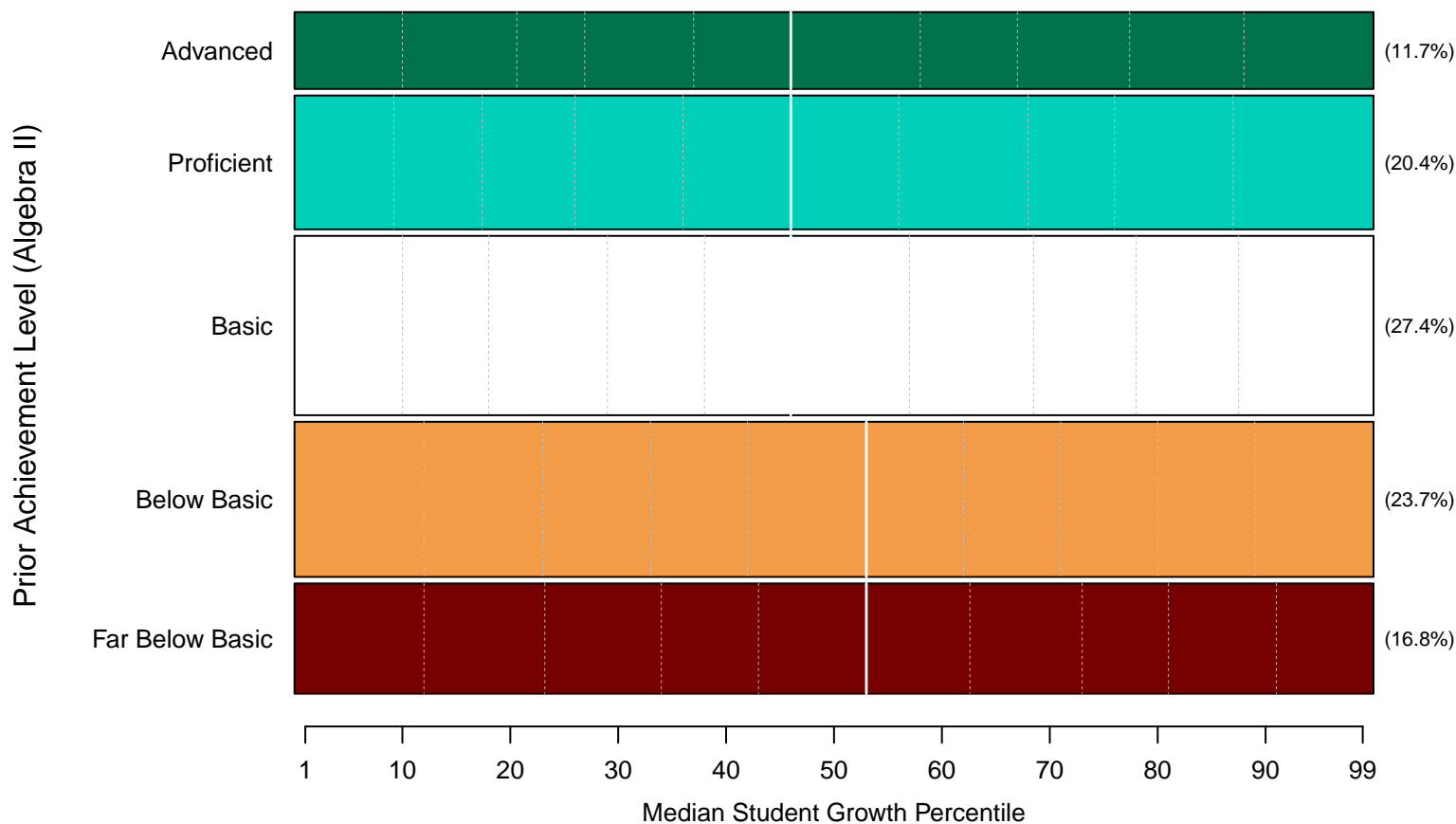## 2013 Biology SGP, Grade EOCT (N = 3,786)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

- Advanced (11.7%)
- Proficient (20.4%)
- Basic (27.4%)
- Below Basic (23.7%)
- Far Below Basic (16.8%)

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/[156,244)	8.10	10.34	8.94	8.38	11.45	11.17	8.66	10.61	10.89	11.45	(9.5%)
2nd/[244,265)	6.98	9.82	8.01	10.59	11.37	10.34	9.56	8.53	12.66	12.14	(10.2%)
3rd/[265,279)	9.28	7.56	9.62	12.37	9.28	8.93	10.31	14.43	8.59	9.62	(7.7%)
4th/[279,298)	7.54	10.71	9.49	11.19	9.98	10.46	8.76	10.95	10.46	10.46	(10.9%)
5th/[298,316)	7.81	10.94	7.81	13.54	8.59	10.94	10.94	12.76	8.85	7.81	(10.1%)
6th/[316,335)	7.86	14.36	9.76	11.11	11.38	7.05	7.59	8.40	13.28	9.21	(9.7%)
7th/[335,356)	11.11	12.67	9.33	10.00	13.33	8.00	9.11	9.11	8.67	8.67	(11.9%)
8th/[356,385)	11.56	11.83	10.48	10.75	9.41	9.95	8.33	10.48	9.14	8.06	(9.8%)
9th/[385,425)	8.97	13.46	11.87	5.80	11.08	10.82	10.03	10.03	9.23	8.71	(10%)
10th/[425,600]	9.87	9.61	11.69	9.87	11.17	10.13	9.87	9.87	9.87	8.05	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution