Student Growth Percentile Goodness–of–Fit Descriptives
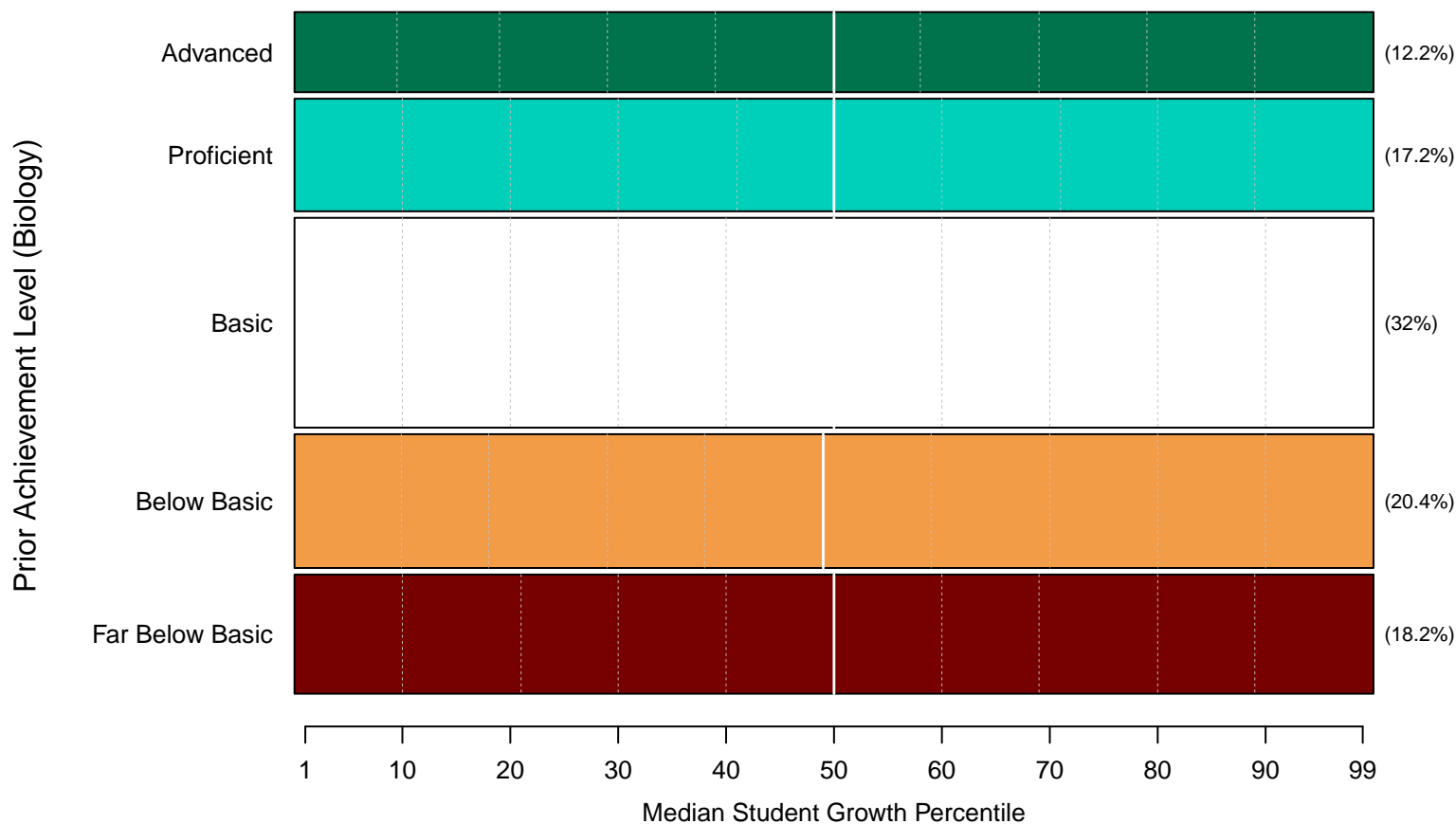
2012 Biology SGP, Grade EOCT (N = 6,270)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

- Advanced (12.2%)
- Proficient (17.2%)
- Basic (32%)
- Below Basic (20.4%)
- Far Below Basic (18.2%)

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/[185,263)	10.05	11.06	11.06	8.88	10.39	9.05	8.54	10.05	10.05	10.89	(9.5%)
2nd/[263,276)	8.10	8.47	9.02	10.31	10.31	12.89	12.34	9.21	10.50	8.84	(8.7%)
3rd/[276,290)	10.08	11.44	10.35	11.58	7.63	8.99	9.13	10.49	10.08	10.22	(11.7%)
4th/[290,303)	10.02	9.48	9.30	10.20	11.81	9.84	8.77	10.20	9.66	10.73	(8.9%)
5th/[303,318)	9.92	10.39	11.01	8.37	9.77	10.85	9.15	10.23	10.39	9.92	(10.3%)
6th/[318,332)	9.12	9.75	8.18	11.48	9.91	8.81	12.74	9.91	10.06	10.06	(10.1%)
7th/[332,348)	9.78	10.46	9.95	9.11	10.79	11.30	9.11	8.77	8.43	12.31	(9.5%)
8th/[348,369)	9.60	8.99	11.28	10.21	10.37	9.30	10.98	9.45	10.98	8.84	(10.5%)
9th/[369,401)	10.00	10.16	9.37	9.68	9.52	9.37	8.57	11.90	11.11	10.32	(10%)
10th/[401,600]	9.60	10.19	9.60	10.34	9.75	11.96	10.34	9.45	8.86	9.90	(10.8%)

*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