Student Growth Percentile Goodness–of–Fit Descriptives
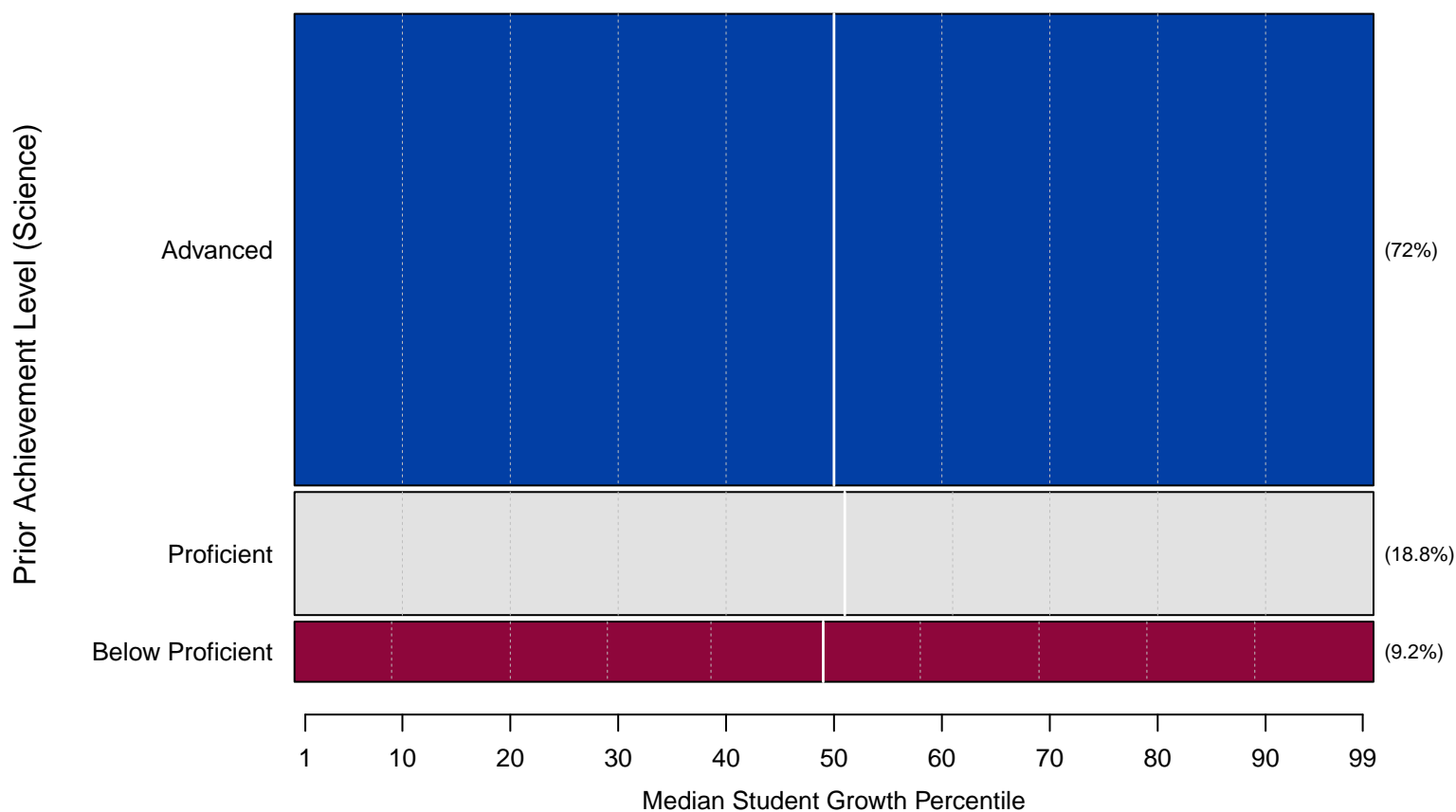## 2014 Biology SGP, Grade EOCT (N = 12,297)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science)

Advanced (72%)

Proficient (18.8%)

Below Proficient (9.2%)

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/[130,160)	10.27	9.47	10.97	10.53	9.73	10.09	9.65	9.91	9.65	9.73	(9.2%)
2nd/[160,165)	8.84	10.84	9.38	9.53	9.99	10.15	9.76	10.99	10.15	10.38	(10.6%)
3rd/[165,167)	10.10	10.20	9.70	9.70	9.80	9.70	10.69	9.11	9.21	11.78	(8.2%)
4th/[167,169)	10.50	10.29	9.98	9.46	9.67	9.98	10.08	9.25	10.71	10.08	(7.8%)
5th/[169,172)	9.10	9.43	9.10	11.35	10.85	9.52	9.60	10.10	10.93	10.02	(9.7%)
6th/[172,175)	8.08	9.49	11.38	9.56	10.12	11.03	10.19	11.24	9.28	9.63	(11.6%)
7th/[175,177)	11.99	10.84	9.31	9.06	9.44	10.46	10.20	8.80	9.44	10.46	(6.4%)
8th/[177,182)	9.96	10.28	10.28	10.12	10.12	8.89	9.69	9.80	10.44	10.44	(15.2%)
9th/[182,187)	8.83	8.94	8.83	10.85	9.89	11.28	9.79	9.79	10.00	11.81	(7.6%)
10th/[187,199]	9.70	10.11	10.05	9.70	10.17	9.82	10.23	10.35	9.76	10.11	(13.7%)

*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