Student Growth Percentile Goodness–of–Fit Descriptives
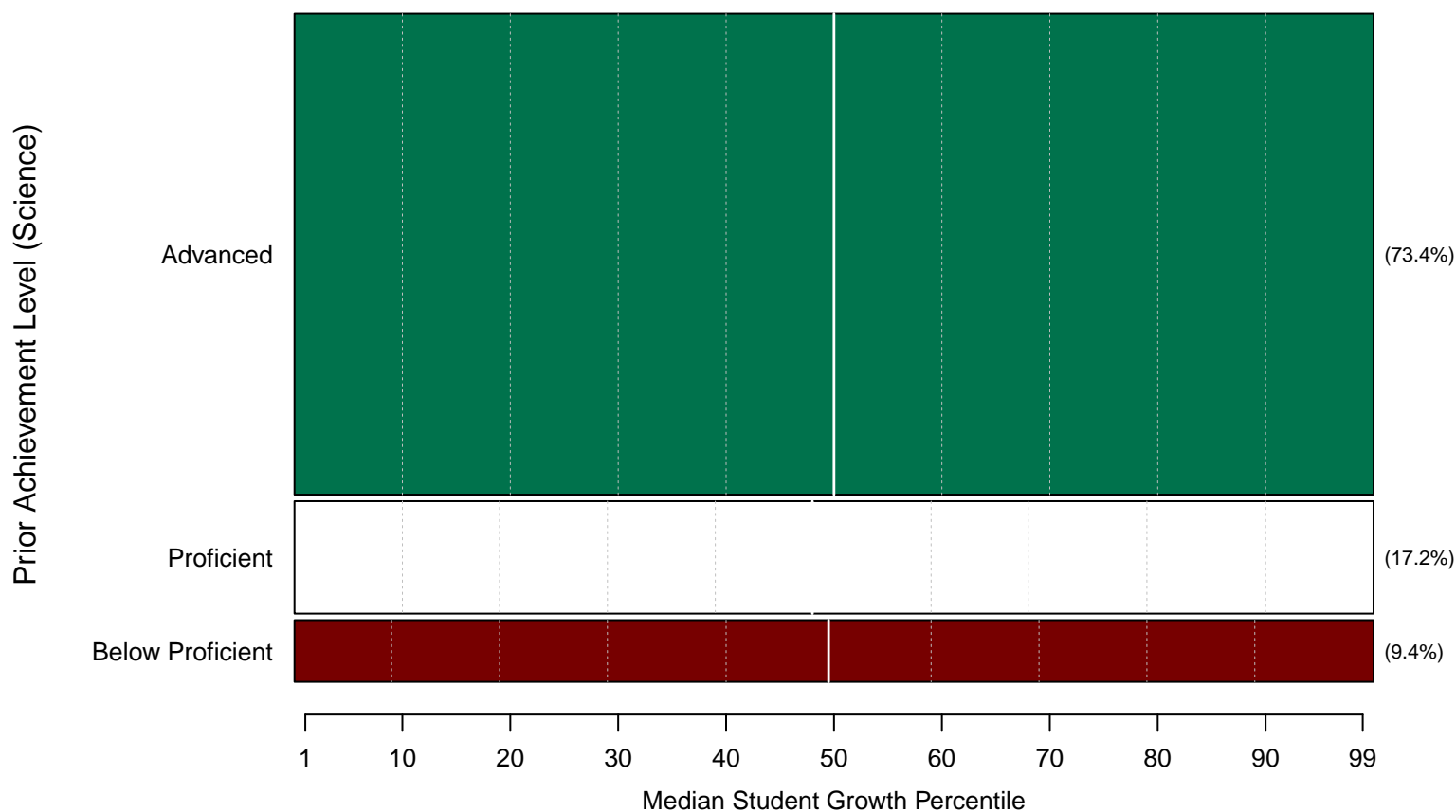## 2012 Biology SGP, Grade EOCT (N = 9,131)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science)

Advanced (73.4%)

Proficient (17.2%)

Below Proficient (9.4%)

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)	10.35	9.77	10.23	9.30	10.35	10.35	9.88	9.88	10.23	9.65	(9.4%)
2nd/[160,164)	9.59	8.83	9.89	10.35	8.68	10.50	9.44	11.11	10.65	10.96	(7.2%)
3rd/[164,167)	10.11	11.32	10.55	10.88	10.55	9.56	10.77	8.68	8.02	9.56	(10%)
4th/[167,169)	9.33	9.33	10.83	10.33	9.13	10.23	9.13	10.23	11.03	10.43	(10.9%)
5th/[169,171)	9.02	10.02	9.02	7.91	10.58	9.80	10.80	10.36	10.58	11.92	(9.8%)
6th/[171,174)	10.42	10.51	9.67	10.88	9.95	10.14	9.77	9.02	9.67	9.95	(11.8%)
7th/[174,175)	7.93	11.40	8.93	9.92	10.74	9.42	9.59	13.06	10.08	8.93	(6.6%)
8th/[175,179)	10.85	7.86	10.22	10.46	9.28	10.69	10.06	10.22	9.67	10.69	(13.9%)
9th/[179,182)	8.15	10.92	11.61	9.36	11.79	9.36	8.84	9.36	10.92	9.71	(6.3%)
10th/[182,199]	9.61	10.70	9.84	9.92	9.69	9.84	10.78	9.38	9.84	10.39	(14%)

*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