Student Growth Percentile Goodness–of–Fit Descriptives
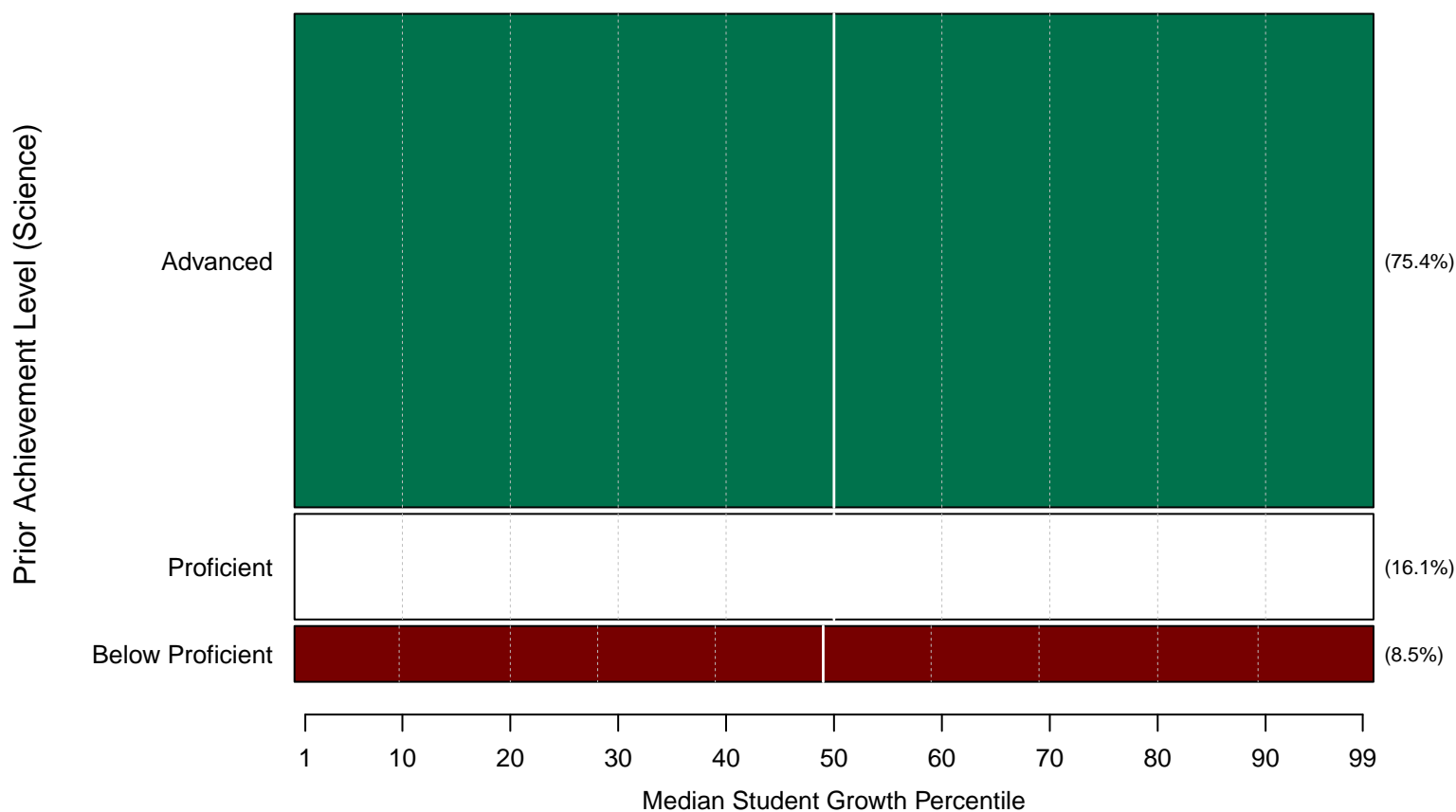## 2013 Biology SGP, Grade EOCT (N = 11,011)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science)

- Advanced — (75.4%)
- Proficient — (16.1%)
- Below Proficient — (8.5%)

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/[130,161)	10.10	9.82	10.49	9.82	9.72	10.58	9.63	9.44	9.91	10.49	(9.5%)
2nd/[161,165)	9.12	9.94	9.12	10.03	10.57	10.30	10.67	10.21	10.03	10.03	(10%)
3rd/[165,167)	10.93	10.05	11.64	9.70	8.82	8.29	8.82	11.29	10.58	9.88	(5.1%)
4th/[167,169)	9.08	9.63	9.87	10.34	10.57	9.71	9.95	9.48	10.73	10.65	(11.6%)
5th/[169,172)	8.78	11.24	9.92	9.66	8.87	10.71	10.89	10.10	8.87	10.97	(10.3%)
6th/[172,174)	10.31	10.01	9.11	10.08	11.13	10.23	9.19	10.16	10.23	9.56	(12.2%)
7th/[174,176)	10.80	8.70	10.14	10.80	8.56	10.67	10.54	9.49	9.49	10.80	(6.9%)
8th/[176,178)	9.22	8.97	10.46	9.84	11.08	8.22	11.08	10.96	9.46	10.71	(7.3%)
9th/[178,185)	8.65	11.24	10.53	9.47	9.59	10.29	9.71	9.76	10.59	10.18	(15.4%)
10th/[185,199]	10.46	9.52	9.76	10.30	10.15	9.76	9.76	9.91	9.60	10.77	(11.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution