Student Growth Percentile Goodness–of–Fit Descriptives
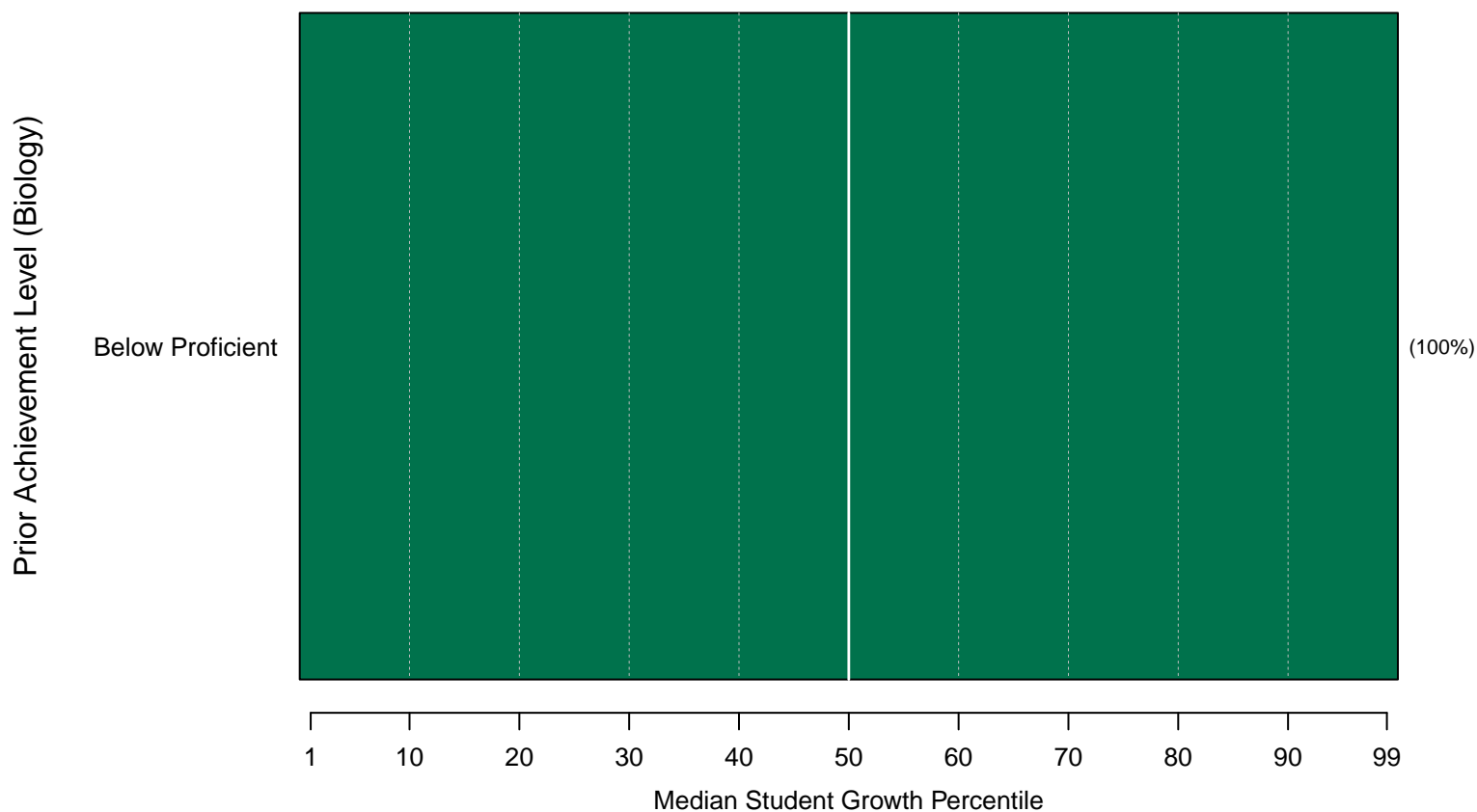## 2012 Chemistry SGP, Grade EOCT (N = 7,551)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

Below Proficient — (100%)

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/[130,154)	9.51	9.94	10.23	11.38	9.80	9.94	9.51	10.09	9.80	9.80	(9.2%)
2nd/[154,158)	12.05	9.67	9.52	8.04	9.97	9.67	10.27	9.97	9.08	11.76	(8.9%)
3rd/[158,161)	6.70	10.19	10.05	10.19	10.19	9.92	10.59	10.46	10.99	10.72	(9.9%)
4th/[161,163)	9.37	10.40	10.54	11.13	9.22	9.52	10.40	9.96	9.22	10.25	(9%)
5th/[163,165)	10.94	10.03	9.38	10.29	9.77	11.07	10.03	9.24	10.55	8.72	(10.2%)
6th/[165,168)	10.14	9.38	10.47	9.49	12.00	9.05	8.62	10.25	9.60	11.01	(12.1%)
7th/[168,169)	8.49	11.21	9.68	10.02	8.83	7.98	11.88	12.05	9.68	10.19	(7.8%)
8th/[169,172)	8.44	9.36	10.12	10.89	9.05	12.88	10.43	7.67	9.97	11.20	(8.6%)
9th/[172,176)	10.33	10.33	9.08	10.33	10.02	9.60	9.39	10.86	10.65	9.39	(12.7%)
10th/[176,199)	9.75	9.86	10.44	9.63	9.98	9.86	10.44	9.52	9.52	11.01	(11.5%)

*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