Student Growth Percentile Goodness–of–Fit Descriptives
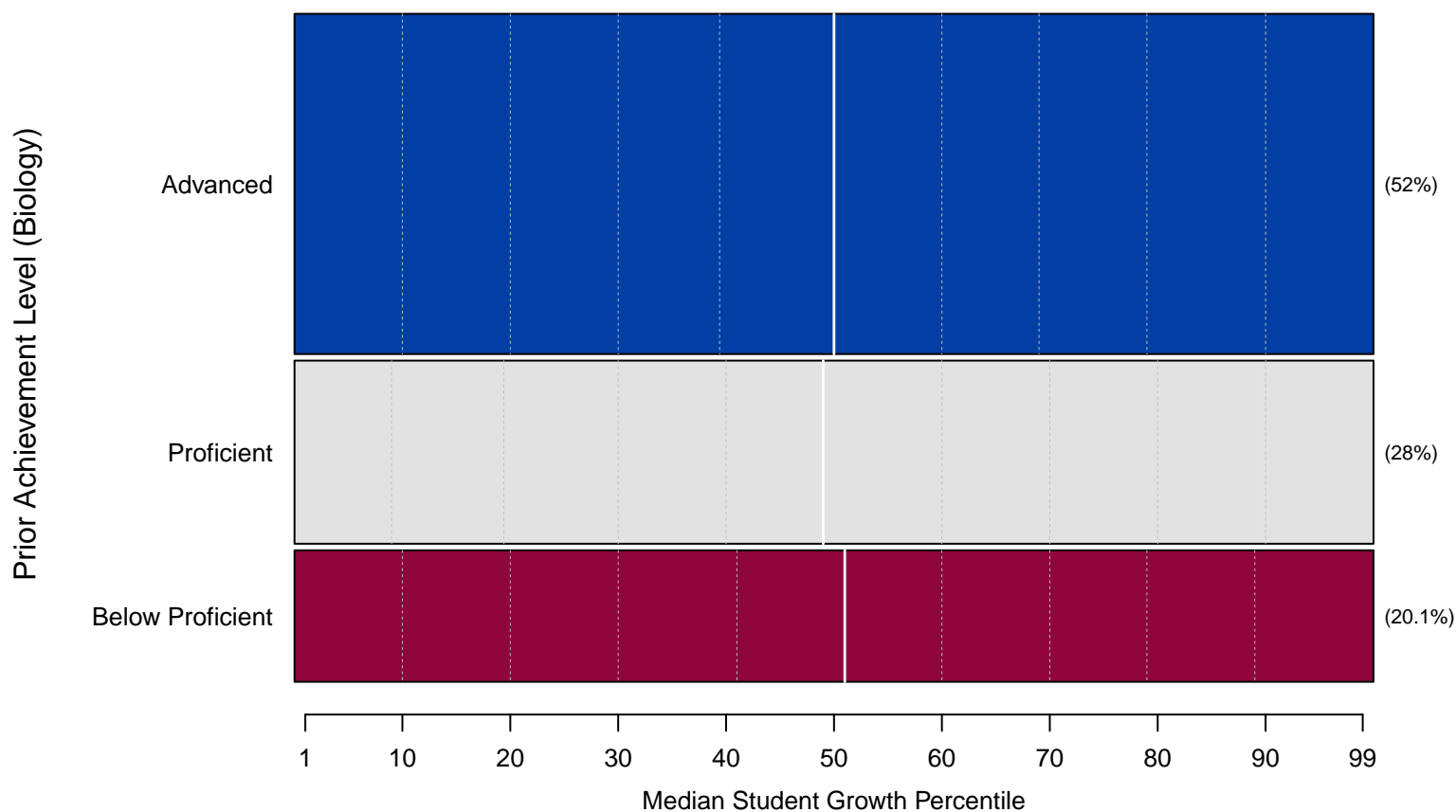## 2014 Chemistry SGP, Grade EOCT (N = 6,375)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology):
- Advanced (52%)
- Proficient (28%)
- Below Proficient (20.1%)

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/[130,156)	10.33	10.00	9.67	9.51	10.00	9.34	9.84	10.49	10.49	10.33	(9.6%)
2nd/[156,159)	9.05	10.27	11.49	11.49	9.78	11.00	10.27	9.29	8.31	9.05	(6.4%)
3rd/[159,163)	9.68	10.30	10.17	8.68	10.30	9.55	9.93	9.55	10.79	11.04	(12.6%)
4th/[163,165)	10.04	9.19	9.05	12.31	8.77	10.89	9.62	11.46	9.48	9.19	(11.1%)
5th/[165,167)	9.60	9.60	9.98	8.10	11.68	9.98	9.60	8.47	10.92	12.05	(8.3%)
6th/[167,169)	10.02	11.47	9.37	9.85	8.40	9.69	11.15	10.99	10.66	8.40	(9.7%)
7th/[169,171)	9.97	8.41	10.28	9.50	10.28	11.84	9.50	10.12	8.72	11.37	(10.1%)
8th/[171,173)	8.15	10.03	13.32	11.76	10.97	8.78	10.03	7.37	9.25	10.34	(10%)
9th/[173,176)	10.59	11.40	6.68	10.59	8.63	9.61	10.26	11.56	10.91	9.77	(9.6%)
10th/[176,199)	10.14	9.51	10.14	9.14	11.14	9.64	10.01	10.01	9.89	10.39	(12.5%)

*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