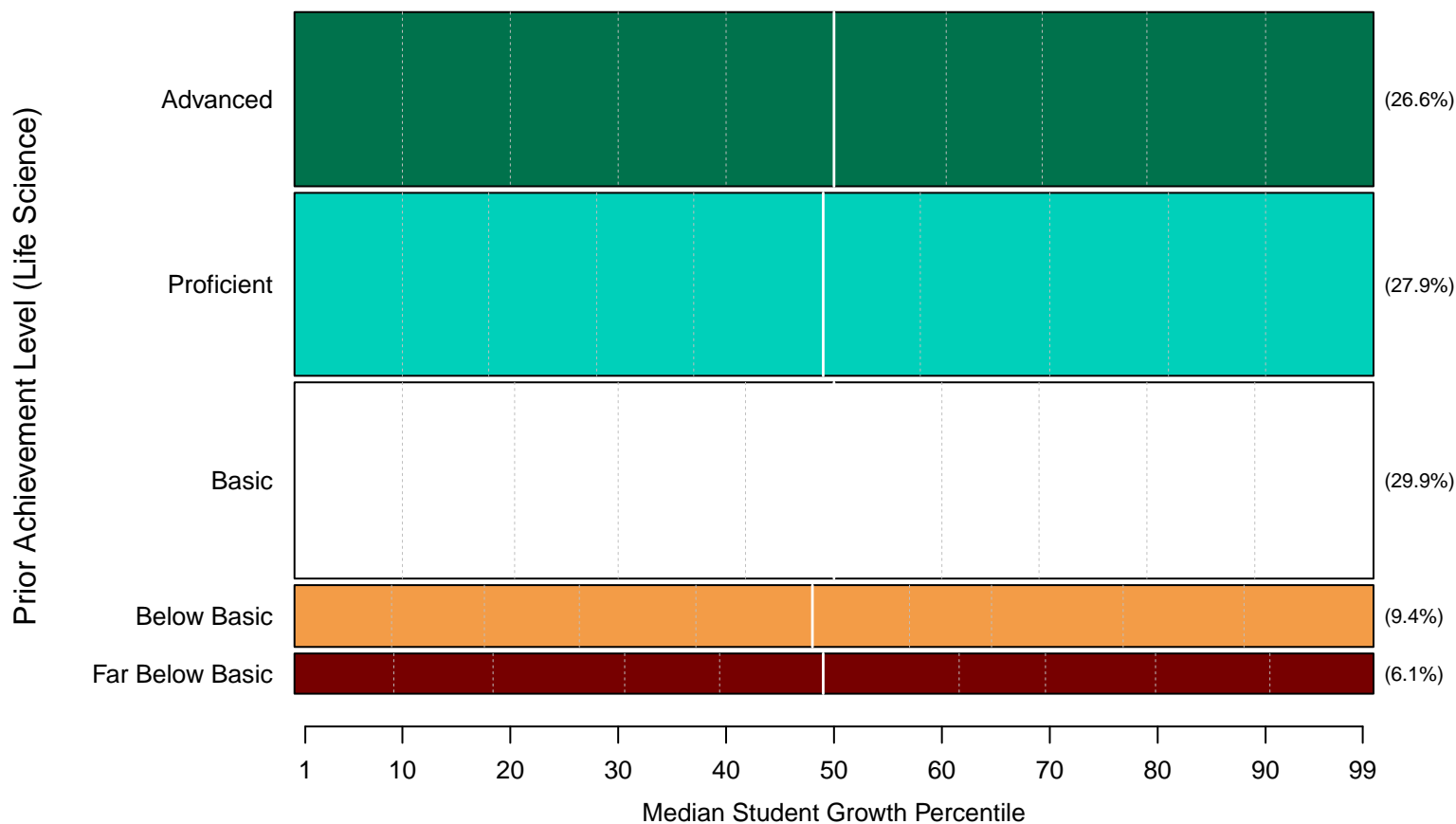# Student Growth Percentile Goodness–of–Fit Descriptives
2013 Chemistry SGP, Grade EOCT (N = 1,580)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Life Science)

Level	Percent
Advanced	(26.6%)
Proficient	(27.9%)
Basic	(29.9%)
Below Basic	(9.4%)
Far Below Basic	(6.1%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

Student Growth Percentile Range

Prior Scale Score Decile/Range *

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/[162,278)	8.63	10.07	10.79	10.79	11.51	7.91	12.23	8.63	9.35	10.07	(8.8%)
2nd/[278,308)	11.70	11.70	8.77	8.19	7.60	11.11	8.77	9.94	11.70	10.53	(10.8%)
3rd/[308,325)	8.90	7.53	13.01	11.64	11.64	8.22	10.96	10.27	8.22	9.59	(9.2%)
4th/[325,343)	12.05	9.04	11.45	7.23	11.45	13.25	8.43	9.04	9.64	8.43	(10.5%)
5th/[343,357)	7.80	9.22	6.38	9.22	10.64	9.22	15.60	9.22	12.06	10.64	(8.9%)
6th/[357,372)	9.93	13.25	9.93	13.91	5.30	7.28	9.27	10.60	9.27	11.26	(9.6%)
7th/[372,396)	10.00	10.00	12.11	9.47	9.47	12.63	6.32	10.53	8.42	11.05	(12%)
8th/[396,409)	9.57	10.43	8.70	10.43	14.78	6.09	7.83	7.83	15.65	8.70	(7.3%)
9th/[409,445)	8.72	6.98	11.63	8.14	8.72	11.05	13.95	11.05	9.88	9.88	(10.9%)
10th/[445,600]	11.11	11.11	8.99	11.11	11.11	8.99	9.52	10.58	7.41	10.05	(12%)

*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