Student Growth Percentile Goodness–of–Fit Descriptives
2013 Chemistry SGP, Grade EOCT (N = 5,835)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

Below Proficient — (100%)

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]	9.84	10.19	9.67	9.84	10.19	10.37	10.02	10.19	10.72	8.96	(9.8%)
2nd/[161,164]	11.14	8.55	12.69	9.07	8.81	10.10	10.10	9.33	8.29	11.92	(6.6%)
3rd/[164,167]	9.12	11.44	8.96	10.36	10.20	8.96	10.05	9.27	11.28	10.36	(11.1%)
4th/[167,169]	9.18	7.35	10.61	10.20	10.61	11.84	10.61	12.24	7.76	9.59	(8.4%)
5th/[169,171]	9.85	10.87	8.83	10.02	10.53	9.17	9.51	9.34	10.02	11.88	(10.1%)
6th/[171,173]	10.20	9.89	11.46	9.58	8.95	9.89	10.36	9.73	11.30	8.63	(10.9%)
7th/[173,174]	11.59	12.94	11.32	9.43	9.43	11.59	9.16	7.01	8.63	8.89	(6.4%)
8th/[174,177]	8.67	8.67	7.29	10.55	9.67	9.17	10.68	12.69	11.43	11.18	(13.6%)
9th/[177,182]	9.97	10.11	11.52	9.41	10.96	10.81	9.27	8.29	8.85	10.81	(12.2%)
10th/[182,199]	9.56	10.66	9.72	10.34	9.72	10.03	9.87	10.34	9.87	9.87	(10.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution