Student Growth Percentile Goodness–of–Fit Descriptives
2013 Chemistry SGP, Grade EOCT (N = 5,631)

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)	10.13	10.13	9.76	9.58	10.85	10.31	9.95	10.13	10.31	8.86	(9.8%)
2nd/[161,164)	10.96	9.63	10.96	9.63	8.82	10.70	9.63	9.36	8.29	12.03	(6.6%)
3rd/[164,167)	9.25	11.00	9.09	10.69	10.85	8.61	9.25	9.89	11.32	10.05	(11.1%)
4th/[167,169)	9.56	7.28	10.60	9.98	10.81	11.43	11.23	11.23	8.32	9.56	(8.5%)
5th/[169,171)	9.53	10.92	8.49	10.23	10.40	9.53	9.36	9.71	10.05	11.79	(10.2%)
6th/[171,173)	9.69	11.00	11.49	9.52	8.37	10.67	10.51	9.20	10.84	8.70	(10.8%)
7th/[173,174)	12.08	11.80	12.36	8.71	10.96	9.55	9.27	8.15	8.71	8.43	(6.3%)
8th/[174,177)	8.94	8.80	6.83	10.78	8.94	9.86	10.12	12.88	11.17	11.70	(13.5%)
9th/[177,182)	10.18	9.59	11.36	9.73	11.06	10.03	10.18	8.26	9.29	10.32	(12%)
10th/[182,199]	9.43	11.06	9.92	10.41	9.43	10.08	9.76	10.24	9.76	9.92	(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