Student Growth Percentile Goodness–of–Fit Descriptives
2013 Chemistry SGP, Grade EOCT (N = 6,317)

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)	9.19	10.16	9.84	10.00	10.16	10.16	10.32	9.68	10.81	9.68	(9.8%)
2nd/[161,164)	10.93	8.55	10.93	9.74	10.69	10.45	8.79	9.98	8.08	11.88	(6.7%)
3rd/[164,167)	9.69	10.96	9.55	10.96	8.85	9.13	9.83	10.11	11.66	9.27	(11.3%)
4th/[167,169)	8.84	8.29	9.58	9.76	10.68	14.36	10.13	9.76	9.02	9.58	(8.6%)
5th/[169,171)	9.15	10.25	8.36	12.15	8.52	9.78	10.09	9.31	9.46	12.93	(10%)
6th/[171,173)	10.25	10.69	12.59	9.37	11.13	7.32	8.49	10.69	10.40	9.08	(10.8%)
7th/[173,174)	11.81	11.56	11.31	12.31	7.29	12.31	6.78	10.80	7.29	8.54	(6.3%)
8th/[174,177)	8.96	8.27	8.85	8.61	10.59	8.61	12.69	10.71	11.41	11.29	(13.6%)
9th/[177,182)	9.40	11.75	9.01	10.31	10.05	11.23	9.27	9.01	10.05	9.92	(12.1%)
10th/[182,199]	9.54	9.99	11.16	9.40	10.87	9.69	8.96	10.72	9.54	10.13	(10.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution