Student Growth Percentile Goodness–of–Fit Descriptives
2012 Chemistry SGP, Grade EOCT (N = 6,292)

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/[130,155)	11.19	9.32	9.83	10.34	11.02	10.00	9.83	9.83	9.83	8.81	(9.4%)
2nd/[155,159)	9.83	9.83	11.03	8.97	9.14	9.66	10.69	8.97	10.17	11.72	(9.2%)
3rd/[159,161)	7.54	11.75	7.98	9.53	10.20	9.53	11.97	11.31	9.53	10.64	(7.2%)
4th/[161,164)	9.28	9.28	11.18	11.05	9.91	11.56	9.15	9.40	9.78	9.40	(12.5%)
5th/[164,166)	12.36	10.20	10.06	8.19	10.20	8.05	9.20	10.20	11.35	10.20	(11.1%)
6th/[166,168)	8.97	11.17	8.79	11.54	10.99	9.52	11.17	9.52	7.69	10.62	(8.7%)
7th/[168,169)	9.14	9.14	11.48	9.34	7.78	11.09	10.31	10.70	10.70	10.31	(8.2%)
8th/[169,173)	7.81	10.84	9.67	9.67	10.26	10.61	10.14	10.26	10.26	10.49	(13.6%)
9th/[173,176)	11.15	10.19	9.23	9.04	12.12	9.04	9.23	10.58	9.62	9.81	(8.3%)
10th/[176,199]	11.20	8.80	10.80	10.00	9.07	10.40	9.60	10.13	10.27	9.73	(11.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution