Student Growth Percentile Goodness–of–Fit Descriptives
2012 Chemistry SGP, Grade EOCT (N = 5,212)

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/[143,160)	10.81	9.82	10.22	10.22	9.82	10.41	9.43	9.82	10.41	9.04	(9.8%)
2nd/[160,164)	11.42	9.48	10.13	10.13	9.91	10.34	10.99	8.62	8.41	10.56	(8.9%)
3rd/[164,166)	7.95	10.15	9.98	9.64	10.66	8.97	9.81	10.83	11.84	10.15	(11.3%)
4th/[166,168)	8.21	11.28	9.23	10.77	11.79	7.69	9.74	10.26	9.74	11.28	(3.7%)
5th/[168,171)	9.34	9.62	9.48	10.16	8.79	11.40	10.58	10.58	9.48	10.58	(14%)
6th/[171,173)	12.62	10.41	10.57	10.25	10.41	8.99	9.31	8.52	8.68	10.25	(12.2%)
7th/[173,174)	8.27	10.34	10.08	9.30	11.89	10.34	9.04	8.53	11.11	11.11	(7.4%)
8th/[174,176)	11.21	9.77	12.07	9.48	9.77	11.78	9.48	9.77	9.77	6.90	(6.7%)
9th/[176,181)	7.91	9.37	9.22	10.25	8.93	8.20	11.42	12.30	11.71	10.69	(13.1%)
10th/[181,199]	10.55	10.10	10.10	9.96	10.25	11.29	9.36	9.51	8.62	10.25	(12.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution