Student Growth Percentile Goodness–of–Fit Descriptives

2012 Chemistry SGP, Grade EOCT (N = 7,150)

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/[130,154)	9.57	9.89	10.21	9.41	11.64	10.53	9.41	9.57	10.21	9.57	(8.8%)
2nd/[154,159)	10.67	10.03	9.64	10.80	8.48	8.74	10.15	10.80	9.64	11.05	(10.9%)
3rd/[159,161)	7.74	10.64	9.86	8.51	10.25	11.22	10.64	9.86	10.06	11.22	(7.2%)
4th/[161,164)	9.39	8.82	10.54	11.45	10.08	10.08	10.54	10.31	8.82	9.97	(12.2%)
5th/[164,165)	11.72	11.33	8.59	8.20	10.55	10.55	9.38	8.59	12.50	8.59	(7.2%)
6th/[165,168)	9.58	10.03	9.81	10.60	11.27	9.02	9.70	9.36	9.92	10.71	(12.4%)
7th/[168,169)	10.14	9.62	11.36	8.92	7.69	10.31	10.14	11.89	9.27	10.66	(8%)
8th/[169,172)	7.89	10.25	10.25	9.46	11.04	10.88	9.31	10.09	9.94	10.88	(8.9%)
9th/[172,176)	9.78	9.89	9.35	10.65	9.57	10.11	10.54	9.67	10.22	10.22	(12.9%)
10th/[176,199)	10.12	9.88	10.60	10.00	9.40	9.88	9.76	9.76	10.12	10.48	(11.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution