Student Growth Percentile Goodness–of–Fit Descriptives

2012 Algebra I SGP, Grade EOCT (N = 5,526)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Pre Algebra)

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/[130,148)	10.44	10.68	8.50	9.71	10.68	10.44	9.47	11.65	8.50	9.95	(7.5%)
2nd/[148,153)	11.52	9.52	10.85	10.52	9.18	9.18	9.85	8.51	11.19	9.68	(10.8%)
3rd/[153,156)	7.80	8.19	10.92	11.31	10.72	9.94	8.58	10.92	10.72	10.92	(9.3%)
4th/[156,159)	7.86	11.78	10.64	8.18	10.31	10.80	11.62	9.49	9.00	10.31	(11.1%)
5th/[159,161)	9.53	10.89	7.78	10.12	10.51	9.53	11.67	11.09	8.95	9.92	(9.3%)
6th/[161,163)	11.30	10.96	9.97	9.30	8.64	11.46	7.97	8.64	10.63	11.13	(10.9%)
7th/[163,166)	10.13	7.68	10.62	11.11	10.46	8.17	9.31	11.76	10.62	10.13	(11.1%)
8th/[166,168)	6.75	11.00	11.00	8.00	10.75	10.50	14.00	8.25	8.75	11.00	(7.2%)
9th/[168,172)	11.09	9.86	9.86	10.21	10.04	11.44	6.34	10.39	10.04	10.74	(10.3%)
10th/[172,199]	10.50	9.64	9.64	10.50	9.78	9.21	11.08	10.22	9.93	9.50	(12.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution