Student Growth Percentile Goodness–of–Fit Descriptives
2012 Algebra I SGP, Grade EOCT (N = 11,336)

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/[130,160)	10.07	9.66	9.46	9.66	10.38	10.89	9.66	10.07	10.48	9.66	(8.7%)
2nd/[160,164)	8.94	10.48	11.12	10.31	9.75	9.02	11.12	9.27	9.11	10.88	(10.9%)
3rd/[164,166)	10.09	9.23	8.73	9.35	10.46	10.95	8.12	10.82	10.70	11.56	(7.2%)
4th/[166,168)	10.06	10.53	10.43	9.88	10.34	9.42	9.42	10.43	10.80	8.68	(9.6%)
5th/[168,171)	9.54	9.84	9.84	11.16	9.10	9.54	10.50	10.35	9.25	10.87	(12%)
6th/[171,172)	10.27	11.41	10.14	8.62	10.77	9.89	8.37	10.01	9.25	11.28	(7%)
7th/[172,174)	8.55	8.33	10.09	10.31	10.31	11.29	12.28	8.00	10.75	10.09	(8%)
8th/[174,177)	8.96	9.87	9.57	8.96	9.37	10.67	10.57	10.67	10.67	10.67	(8.8%)
9th/[177,180)	10.60	10.80	9.24	10.99	10.60	8.95	9.24	10.41	10.02	9.14	(9.1%)
10th/[180,199]	9.47	9.94	10.27	9.99	9.94	9.94	9.85	9.99	9.90	10.69	(18.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution