Student Growth Percentile Goodness–of–Fit Descriptives
2012 Geometry SGP, Grade EOCT (N = 5,143)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

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/[130,149)	9.07	10.20	10.43	9.07	9.52	11.11	9.52	10.43	10.43	10.20	(8.6%)
2nd/[149,153)	10.48	9.64	10.48	10.48	10.90	7.97	11.53	8.81	9.22	10.48	(9.3%)
3rd/[153,156)	10.52	10.33	10.13	10.71	9.56	11.85	8.80	8.99	10.33	8.80	(10.2%)
4th/[156,158)	9.97	9.37	8.16	7.55	9.97	9.97	11.18	10.88	10.57	12.39	(6.4%)
5th/[158,160)	8.97	7.51	10.07	11.17	10.44	10.07	10.26	10.99	10.26	10.26	(10.6%)
6th/[160,162)	9.31	11.42	11.25	9.49	8.44	8.96	11.42	10.72	8.79	10.19	(11.1%)
7th/[162,164)	10.48	11.48	10.98	10.32	11.31	9.65	6.99	8.99	10.98	8.82	(11.7%)
8th/[164,167)	9.33	9.50	8.29	10.71	10.02	10.54	11.23	10.02	9.33	11.05	(11.3%)
9th/[167,170)	9.88	8.70	10.67	8.30	9.09	10.47	10.08	11.26	11.66	9.88	(9.8%)
10th/[170,199]	10.35	10.70	10.18	10.70	10.00	10.00	9.47	9.47	8.60	10.53	(11.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution