Student Growth Percentile Goodness–of–Fit Descriptives
2012 Geometry SGP, Grade EOCT (N = 5,717)

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/[135,160)	10.31	10.31	10.13	9.40	9.76	9.76	11.03	9.76	9.04	10.49	(9.7%)
2nd/[160,163)	11.00	9.27	9.46	9.65	10.42	9.27	9.85	10.23	11.39	9.46	(9.1%)
3rd/[163,165)	8.98	9.67	8.98	11.74	10.88	11.05	8.29	9.15	10.02	11.23	(10.1%)
4th/[165,167)	8.89	10.87	10.47	8.70	8.10	10.47	10.87	14.23	9.09	8.30	(8.9%)
5th/[167,169)	10.61	9.65	12.22	9.16	10.93	8.04	10.77	8.04	9.32	11.25	(10.9%)
6th/[169,170)	9.81	10.13	7.91	10.44	11.71	11.71	10.13	7.59	8.23	12.34	(5.5%)
7th/[170,172)	9.89	10.17	10.73	9.89	8.90	11.02	9.60	8.90	11.16	9.75	(12.4%)
8th/[172,176)	7.81	10.27	8.39	10.85	10.71	7.53	10.27	12.16	10.85	11.14	(12.1%)
9th/[176,178)	10.70	9.30	9.58	10.14	9.58	12.39	9.58	9.86	9.01	9.86	(6.2%)
10th/[178,199]	10.24	10.01	10.24	9.78	10.13	10.01	10.13	9.55	10.01	9.90	(15.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution