Student Growth Percentile Goodness–of–Fit Descriptives
2011 Geometry SGP, Grade EOCT (N = 10,702)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Below Proficient — (100%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

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/[130,158)	10.19	9.61	9.90	10.49	9.22	10.39	9.71	9.71	11.07	9.71	(9.6%)
2nd/[158,161)	9.85	10.49	9.74	10.28	10.60	9.42	10.81	10.17	8.78	9.85	(8.7%)
3rd/[161,163)	9.14	10.60	10.02	8.66	9.44	10.60	10.02	9.53	10.21	11.77	(9.6%)
4th/[163,165)	9.00	9.11	10.46	11.02	10.69	8.77	9.79	10.80	10.46	9.90	(8.3%)
5th/[165,166)	9.35	10.18	9.45	9.97	10.18	10.80	9.35	11.42	9.24	10.07	(9%)
6th/[166,168)	9.61	9.43	10.95	9.43	10.14	10.14	10.23	9.16	9.16	11.76	(10.4%)
7th/[168,170)	8.88	11.45	9.62	10.07	9.34	9.98	10.26	9.62	10.90	9.89	(10.2%)
8th/[170,172)	10.48	9.61	9.69	10.66	9.43	10.22	10.48	9.34	10.92	9.17	(10.7%)
9th/[172,175)	10.62	10.62	10.04	10.43	11.11	9.36	8.38	9.65	8.97	10.82	(9.6%)
10th/[175,199]	9.12	9.52	9.86	9.59	9.79	10.13	10.87	10.47	9.93	10.74	(13.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100

Empirical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100