Student Growth Percentile Goodness–of–Fit Descriptives
2012 Geometry SGP, Grade EOCT (N = 5,289)

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/[135,160)	9.56	10.76	10.56	10.36	9.36	10.16	10.76	9.36	9.56	9.56	(9.5%)
2nd/[160,163)	11.20	9.13	9.34	9.13	10.17	10.17	9.13	11.00	11.00	9.75	(9.1%)
3rd/[163,165)	9.11	10.04	9.11	11.90	10.59	10.22	9.29	8.36	10.97	10.41	(10.2%)
4th/[165,167)	9.32	9.75	10.81	8.05	9.11	11.44	10.59	13.98	8.47	8.47	(8.9%)
5th/[167,169)	10.30	10.99	11.34	9.42	10.65	8.55	10.30	7.68	9.77	10.99	(10.8%)
6th/[169,171)	9.90	9.74	8.91	10.73	9.90	10.07	10.56	8.91	10.40	10.89	(11.5%)
7th/[171,172)	10.78	10.78	11.08	10.48	9.88	9.28	8.98	9.88	8.38	10.48	(6.3%)
8th/[172,176)	8.51	9.29	8.82	10.53	9.75	10.22	8.98	11.76	11.76	10.37	(12.2%)
9th/[176,178)	8.76	10.27	10.88	8.76	11.78	10.27	11.18	9.06	9.06	9.97	(6.3%)
10th/[178,199]	10.56	9.94	10.31	9.94	9.57	10.06	10.06	9.69	9.81	10.06	(15.2%)

*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