Student Growth Percentile Goodness–of–Fit Descriptives
2012 Geometry SGP, Grade EOCT (N = 5,671)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Below Proficient   (100%)

1   10   20   30   40   50   60   70   80   90   99

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)	9.18	10.38	8.98	9.18	10.78	10.18	10.58	9.58	10.58	10.58	(8.8%)
2nd/[149,153)	10.98	9.09	10.80	10.98	10.23	9.09	9.47	9.85	9.28	10.23	(9.3%)
3rd/[153,156)	9.14	11.21	10.17	11.38	9.14	9.83	9.66	10.00	9.83	9.66	(10.2%)
4th/[156,158)	10.50	9.94	7.73	6.91	10.77	10.22	10.22	10.77	10.50	12.43	(6.4%)
5th/[158,160)	8.84	7.82	9.69	10.88	10.03	11.56	9.86	10.03	11.05	10.20	(10.4%)
6th/[160,162)	9.38	10.97	11.76	9.38	8.74	9.06	11.45	10.33	9.38	9.54	(11.1%)
7th/[162,164)	10.63	10.94	10.32	10.79	10.63	9.71	8.01	8.78	10.48	9.71	(11.4%)
8th/[164,167)	9.48	9.32	8.85	11.06	10.43	9.95	9.95	10.74	9.32	10.90	(11.2%)
9th/[167,170)	9.06	9.60	9.96	7.07	10.33	10.14	11.05	11.05	11.41	10.33	(9.7%)
10th/[170,199]	10.48	9.86	10.48	11.25	9.55	9.86	10.02	9.24	9.09	10.17	(11.4%)

*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