Student Growth Percentile Goodness–of–Fit Descriptives
2012 Algebra I SGP, Grade EOCT (N = 11,926)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Pre Algebra)

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/[130,160)	10.06	9.67	9.58	10.25	9.77	10.54	9.96	9.96	10.44	9.77	(8.8%)
2nd/[160,164)	9.13	10.26	11.02	10.11	9.74	9.58	10.72	9.74	8.60	11.09	(11.1%)
3rd/[164,166)	9.07	10.32	8.28	8.96	11.68	10.32	8.50	10.43	11.11	11.34	(7.4%)
4th/[166,168)	10.59	9.64	11.46	9.64	9.46	9.81	9.81	9.98	10.85	8.77	(9.7%)
5th/[168,171)	9.44	9.44	9.92	11.51	9.24	9.24	10.34	10.06	9.99	10.82	(12.2%)
6th/[171,172)	10.32	12.14	10.19	7.65	11.65	9.22	9.47	9.47	8.37	11.53	(6.9%)
7th/[172,174)	8.41	8.83	9.78	10.30	9.15	12.62	11.36	9.88	9.57	10.09	(8%)
8th/[174,177)	8.73	10.09	8.73	9.60	10.18	10.77	9.51	11.35	10.18	10.86	(8.6%)
9th/[177,180)	10.85	9.62	10.57	10.09	10.85	10.47	7.36	10.57	10.75	8.87	(8.9%)
10th/[180,199]	9.43	10.38	10.34	9.79	10.15	9.16	11.15	9.34	9.56	10.70	(18.5%)

*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