Student Growth Percentile Goodness–of–Fit Descriptives
2011 Geometry SGP, Grade EOCT (N = 10,296)

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/[130,158)	10.29	9.49	9.99	10.19	9.79	10.09	9.59	9.69	11.30	9.59	(9.6%)
2nd/[158,161)	9.74	10.41	9.85	10.41	10.08	9.97	11.20	10.30	8.62	9.41	(8.7%)
3rd/[161,163)	8.91	10.71	10.21	9.01	10.01	10.41	9.51	9.31	10.31	11.61	(9.7%)
4th/[163,165)	9.72	8.90	10.54	10.66	9.60	8.67	10.07	10.66	11.12	10.07	(8.3%)
5th/[165,166)	9.51	9.73	9.62	9.19	10.38	11.03	9.95	11.24	9.19	10.16	(9%)
6th/[166,168)	9.34	9.52	11.02	9.34	10.46	9.99	10.64	9.80	7.84	12.04	(10.4%)
7th/[168,170)	8.67	11.92	9.44	10.87	9.44	9.53	10.01	8.96	12.20	8.96	(10.2%)
8th/[170,172)	10.97	9.25	9.88	10.43	9.79	10.52	9.70	9.07	11.06	9.34	(10.7%)
9th/[172,175)	10.85	9.94	10.34	10.85	10.24	9.63	8.32	10.14	8.72	10.95	(9.6%)
10th/[175,199]	8.91	9.96	9.54	9.12	10.25	9.96	10.95	10.81	9.89	10.60	(13.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution