Student Growth Percentile Goodness–of–Fit Descriptives
2011 Geometry SGP, Grade EOCT (N = 4,173)

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/[130,149)	10.10	9.84	8.81	10.10	11.14	10.36	10.62	8.55	9.84	10.62	(9.2%)
2nd/[149,153)	8.69	12.44	8.22	10.09	9.62	9.39	10.56	10.09	11.03	9.86	(10.2%)
3rd/[153,155)	9.85	7.58	15.15	11.36	10.98	7.95	9.09	10.61	7.20	10.23	(6.3%)
4th/[155,157)	11.11	8.80	9.72	8.56	8.10	12.27	9.03	11.11	10.42	10.88	(10.4%)
5th/[157,159)	12.30	10.03	10.68	10.03	10.03	9.39	11.97	9.06	9.06	7.44	(7.4%)
6th/[159,161)	9.24	9.84	8.23	8.63	11.45	10.84	10.24	10.44	10.84	10.24	(11.9%)
7th/[161,163)	7.90	9.74	10.85	12.13	9.93	9.19	8.09	9.38	10.85	11.95	(13%)
8th/[163,165)	8.98	13.93	10.84	8.67	10.22	8.98	12.07	10.53	6.50	9.29	(7.7%)
9th/[165,169)	10.58	8.82	9.52	9.17	9.52	10.76	9.52	10.41	10.93	10.76	(13.6%)
10th/[169,199)	10.61	9.43	9.91	11.32	10.14	9.91	10.38	9.20	9.43	9.67	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution