Student Growth Percentile Goodness–of–Fit Descriptives
2011 Algebra II SGP, Grade EOCT (N = 8,810)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

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/[131,159)	10.50	10.12	9.62	10.12	10.12	11.12	9.50	10.00	9.50	9.38	(9.1%)
2nd/[159,162)	9.05	10.13	11.10	9.77	9.29	8.20	10.01	10.13	11.58	10.74	(9.4%)
3rd/[162,164)	10.19	10.07	9.36	10.31	10.66	10.43	10.55	9.12	8.06	11.26	(9.6%)
4th/[164,166)	9.62	9.48	8.93	9.20	10.58	11.81	10.03	11.54	9.48	9.34	(8.3%)
5th/[166,168)	9.27	9.15	10.24	10.61	10.24	9.02	8.90	9.27	11.59	11.71	(9.3%)
6th/[168,170)	10.60	11.58	10.16	9.84	9.18	9.84	9.73	10.82	8.96	9.29	(10.4%)
7th/[170,172)	9.21	9.60	10.28	9.50	10.28	10.19	10.97	9.79	10.77	9.40	(11.6%)
8th/[172,175)	9.21	9.42	10.05	11.01	10.58	9.74	9.42	10.37	9.31	10.90	(10.7%)
9th/[175,180)	10.02	10.26	9.32	9.67	10.02	9.67	10.26	9.55	9.79	11.44	(9.6%)
10th/[180,199]	10.19	9.81	10.28	9.91	9.62	10.28	9.91	9.81	10.38	9.81	(12%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution