Student Growth Percentile Goodness–of–Fit Descriptives
2011 Algebra II SGP, Grade EOCT (N = 15,133)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

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/[130,154)	10.31	10.00	10.62	10.00	10.38	9.62	9.54	10.08	9.54	9.92	(8.6%)
2nd/[154,159)	8.76	9.74	9.87	9.93	9.28	10.65	10.92	10.65	10.20	10.00	(10.1%)
3rd/[159,161)	9.44	9.85	10.01	9.85	11.47	8.22	9.03	9.19	10.90	12.04	(8.1%)
4th/[161,163)	9.60	10.20	10.80	10.10	8.90	11.40	9.80	9.70	9.80	9.70	(6.6%)
5th/[163,166)	10.22	10.44	8.63	9.65	10.18	10.53	10.57	10.35	9.34	10.09	(15%)
6th/[166,168)	8.86	9.74	11.35	9.26	10.47	9.82	8.86	9.58	11.03	11.03	(8.2%)
7th/[168,170)	9.50	10.24	10.68	11.13	8.90	9.79	9.20	10.91	9.27	10.39	(8.9%)
8th/[170,174)	9.62	8.90	9.52	10.19	10.05	9.43	11.39	9.33	11.00	10.57	(13.8%)
9th/[174,177)	8.79	11.28	10.12	10.61	11.28	10.03	9.54	9.04	8.37	10.95	(8%)
10th/[177,199]	10.01	10.17	9.96	9.59	9.44	10.27	9.65	10.95	10.01	9.96	(12.7%)

*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