Student Growth Percentile Goodness–of–Fit Descriptives

2011 Geometry SGP, Grade EOCT (N = 19,048)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

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/[130,153)	9.38	9.93	9.99	9.99	10.11	10.11	10.23	9.87	10.35	10.05	(8.7%)
2nd/[153,157)	10.28	9.99	9.87	10.28	9.40	9.75	9.22	10.11	9.75	11.35	(8.9%)
3rd/[157,160)	9.02	9.74	10.36	9.38	10.72	10.41	10.57	10.10	10.10	9.59	(10.2%)
4th/[160,162)	9.61	10.39	10.18	11.08	8.71	9.45	9.92	10.29	9.97	10.39	(10%)
5th/[162,165)	9.30	10.56	9.39	9.70	11.19	10.20	9.88	9.07	9.97	10.74	(11.6%)
6th/[165,166)	9.54	9.74	10.26	9.28	10.20	9.61	10.07	11.18	9.67	10.46	(8%)
7th/[166,169)	9.59	9.22	10.81	9.51	10.10	9.93	10.05	10.52	9.51	10.77	(12.5%)
8th/[169,171)	10.58	10.51	8.30	10.26	9.31	11.78	9.44	8.49	11.53	9.82	(8.3%)
9th/[171,175)	9.34	10.36	10.68	10.92	10.59	8.50	9.94	10.03	9.66	9.99	(11.3%)
10th/[175,199]	9.18	9.73	10.08	9.63	9.68	10.48	10.83	10.23	9.73	10.43	(10.5%)

*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: 0 10 20 30 40 50 60 70 80 90 100