Student Growth Percentile Goodness–of–Fit Descriptives

2010–2011 Mathematics SGP, Grade 7 (N = 14,216)

SGP Deciles by Prior Achievement Level

Below Proficient (100%)

Median Student Growth Percentile

Prior Achievement Level

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/[600,631)	9.81	10.42	10.89	10.27	10.42	9.50	9.58	9.11	9.81	10.19	(9.1%)
2nd/[631,638)	9.83	9.83	10.02	9.18	8.86	10.73	11.57	10.86	9.44	9.70	(10.9%)
3rd/[638,641)	9.04	8.65	10.96	10.58	10.87	9.23	8.75	9.04	11.15	11.73	(7.3%)
4th/[641,644)	9.92	11.17	9.07	9.99	9.92	9.72	9.72	10.18	9.33	10.97	(10.7%)
5th/[644,647)	8.69	10.36	10.43	9.83	9.75	9.45	9.98	9.45	11.87	10.20	(9.3%)
6th/[647,650)	9.92	9.30	9.86	10.37	9.41	9.98	9.98	11.10	8.57	11.50	(12.5%)
7th/[650,652)	11.00	8.83	10.56	10.71	9.70	10.42	10.27	9.12	9.12	10.27	(4.9%)
8th/[652,656)	9.21	10.52	9.96	9.68	9.44	10.38	9.58	10.38	10.43	10.43	(15%)
9th/[656,660)	9.29	10.72	10.01	9.37	9.77	8.66	10.80	9.61	10.25	11.52	(8.9%)
10th/[660,680]	9.29	9.29	9.72	10.09	10.15	10.09	10.33	9.96	10.09	11.00	(11.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution