

Student Growth Percentile Goodness-of-Fit Descriptives

2010–2011 Mathematics SGP, Grade 8 (N = 14,498)

SGP Deciles by Prior Achievement Level



Student Growth Percentile Range

Prior Scale Score Decile/Range *	Student Growth Percentile 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/[700,730)	10.75	10.83	9.62	11.08	9.30	10.02	9.38	9.22	9.05	10.75	(8.5%)
2nd/[730,736)	9.40	9.79	11.27	9.66	9.53	9.53	10.43	10.43	10.43	9.53	(10.7%)
3rd/[736,739)	10.80	8.96	8.21	10.48	11.34	11.77	9.29	7.99	10.37	10.80	(6.4%)
4th/[739,742)	9.17	10.13	10.41	9.11	10.36	9.56	10.47	9.96	9.28	11.54	(12.2%)
5th/[742,745)	9.50	10.74	10.19	10.25	9.02	8.67	9.29	9.84	11.56	10.94	(10%)
6th/[745,747)	10.43	9.24	9.17	10.57	9.73	10.92	9.73	9.73	8.89	11.62	(9.9%)
7th/[747,750)	9.45	9.45	10.88	10.58	10.81	10.73	9.83	10.43	8.99	8.84	(9.1%)
8th/[750,753)	9.29	9.81	9.94	9.94	10.45	9.22	9.74	9.94	10.45	11.23	(10.6%)
9th/[753,757)	9.65	10.51	9.77	10.20	8.31	9.29	10.87	9.90	10.02	11.48	(11.3%)
10th/[757,780]	9.68	9.19	9.80	9.61	10.90	10.29	9.61	10.23	10.59	10.10	(11.3%)

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

QQ-Plot: Student Growth Percentiles

