

# Student Growth Percentile Goodness-of-Fit Descriptives

2008–2009 Mathematics SGP, Grade 7 (N = 14,465)

## 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/[600,631)	10.04	10.26	9.76	10.68	9.83	10.33	9.76	9.83	9.69	9.83	(9.7%)
2nd/[631,636)	9.73	10.37	8.76	10.53	9.73	9.16	11.09	10.13	10.45	10.05	(8.6%)
3rd/[636,639)	10.09	10.01	11.01	8.67	10.34	10.76	9.51	8.92	10.09	10.59	(8.3%)
4th/[639,643)	9.52	9.35	9.41	11.33	9.97	9.46	9.75	11.10	9.63	10.48	(12.2%)
5th/[643,646)	8.78	10.47	9.73	9.80	10.14	10.34	10.61	9.26	10.20	10.68	(10.2%)
6th/[646,648)	10.64	9.66	10.99	8.24	10.64	8.95	8.87	10.46	11.08	10.46	(7.8%)
7th/[648,651)	9.39	11.50	8.69	10.68	9.51	10.45	10.04	10.04	9.10	10.62	(11.8%)
8th/[651,655)	9.30	8.02	10.89	10.47	9.18	10.16	10.04	10.04	10.53	11.38	(11.3%)
9th/[655,658)	9.39	10.38	10.92	9.84	9.93	9.57	9.84	9.30	11.37	9.48	(7.7%)
10th/[658,680]	9.78	9.89	9.56	9.23	10.39	9.89	10.17	10.95	9.89	10.23	(12.4%)

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

QQ-Plot: Student Growth Percentiles

