

Student Growth Percentile Goodness-of-Fit Descriptives

2007–2008 Mathematics SGP, Grade 8 (N = 15,346)

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/[700,728]	10.69	9.46	10.18	10.97	9.03	9.60	9.39	10.04	9.82	10.83	(9%)
2nd/[728,734]	9.47	10.66	10.00	8.68	10.26	10.33	9.87	10.53	10.07	10.13	(9.9%)
3rd/[734,738]	9.00	9.65	8.75	10.16	10.87	10.48	11.00	9.26	9.45	11.38	(10.1%)
4th/[738,740]	10.52	10.12	12.37	10.44	7.47	10.12	8.51	9.64	10.84	9.96	(8.1%)
5th/[740,743]	9.19	10.63	9.42	9.72	11.53	8.89	9.65	10.17	11.30	9.50	(8.6%)
6th/[743,746]	9.64	10.94	9.55	8.81	10.52	10.52	10.52	10.71	9.46	9.32	(14.1%)
7th/[746,748]	9.74	7.56	10.33	10.92	10.16	10.33	9.07	9.15	9.40	13.35	(7.8%)
8th/[748,751]	9.11	10.80	9.22	11.27	9.40	9.92	10.10	9.40	9.92	10.86	(11.2%)
9th/[751,755]	9.60	9.92	10.12	8.96	10.18	10.12	9.67	10.69	9.60	11.14	(10.2%)
10th/[755,780]	9.88	9.64	10.47	9.64	10.05	9.58	10.35	10.41	10.23	9.76	(11%)

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

QQ-Plot: Student Growth Percentiles

