

# Student Growth Percentile Goodness-of-Fit Descriptives

2011–2012 Mathematics SGP, Grade 7 (N = 13,901)

## 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)	11.34	10.71	9.78	10.48	10.79	11.26	9.78	9.39	8.15	8.31	(9.3%)
2nd/[631,637)	10.24	11.06	10.54	9.80	8.98	8.61	10.62	10.47	10.02	9.65	(9.7%)
3rd/[637,640)	11.10	10.55	10.07	9.28	10.55	9.12	9.12	9.52	9.67	11.02	(9.1%)
4th/[640,644)	9.76	8.91	9.04	9.50	10.80	9.95	8.85	11.32	10.21	11.65	(11.1%)
5th/[644,646)	9.44	9.85	10.67	7.79	9.23	10.46	10.56	10.26	9.74	12.00	(7%)
6th/[646,649)	9.01	7.33	10.27	10.15	11.05	9.97	10.69	10.51	11.17	9.85	(12%)
7th/[649,652)	7.74	10.59	9.29	9.94	9.45	10.51	9.21	10.51	10.19	12.55	(8.8%)
8th/[652,656)	7.62	10.24	9.57	9.38	10.24	8.59	10.18	10.36	11.15	12.68	(11.8%)
9th/[656,661)	8.49	8.36	10.77	8.83	11.57	11.30	11.37	10.64	9.50	9.16	(10.8%)
10th/[661,680]	10.58	10.92	10.51	11.06	11.47	10.24	9.76	9.01	9.69	6.76	(10.5%)

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

QQ-Plot: Student Growth Percentiles

