Student Growth Percentile Goodness–of–Fit Descriptives
2012–2013 Reading SGP, Grade 8 (N = 13,965)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Below Proficient — (100%)

Median Student Growth Percentile

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/[700,732)	10.22	10.87	10.38	10.06	8.92	9.89	9.81	10.22	9.00	10.62	(8.8%)
2nd/[732,739)	10.09	10.29	9.08	10.55	10.82	9.55	9.62	9.15	10.69	10.15	(10.7%)
3rd/[739,743)	9.71	8.88	9.29	10.29	9.88	10.46	9.79	10.62	11.12	9.96	(8.6%)
4th/[743,747)	9.86	10.57	10.38	9.20	9.86	9.46	10.18	9.79	9.33	11.36	(11%)
5th/[747,750)	9.15	10.25	10.80	10.17	10.73	9.62	10.02	9.38	10.09	9.78	(9.1%)
6th/[750,753)	10.03	9.66	9.29	9.36	8.17	10.62	10.33	10.62	11.22	10.70	(9.6%)
7th/[753,756)	9.96	10.11	9.51	9.74	10.56	9.59	10.64	10.19	10.04	9.66	(9.6%)
8th/[756,759)	9.28	9.73	11.43	10.91	10.39	10.91	8.91	8.31	9.65	10.47	(9.6%)
9th/[759,765)	9.62	10.46	9.81	9.68	8.97	9.75	10.20	10.39	10.20	10.91	(11.1%)
10th/[765,780]	10.16	9.86	9.86	9.80	10.10	9.74	10.04	9.68	10.22	10.53	(11.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution