Student Growth Percentile Goodness–of–Fit Descriptives
2012–2013 Reading SGP, Grade 5 (N = 13,461)

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/[400,434)	9.87	10.48	10.18	9.95	10.02	9.64	9.49	10.10	10.25	10.02	(9.7%)
2nd/[434,439)	9.76	8.76	10.51	10.01	10.43	10.59	10.34	9.76	9.42	10.43	(8.9%)
3rd/[439,443)	9.18	9.77	9.70	9.57	9.84	10.49	9.90	9.90	10.10	11.54	(11.3%)
4th/[443,446)	10.44	11.24	9.54	10.84	9.34	8.63	10.34	9.84	10.54	9.24	(7.4%)
5th/[446,448)	10.62	9.90	10.14	10.94	10.38	9.43	9.03	10.22	9.90	9.43	(9.4%)
6th/[448,451)	7.95	10.81	8.88	9.74	10.02	9.95	9.88	11.95	9.88	10.95	(10.4%)
7th/[451,454)	10.77	8.45	11.99	9.03	9.28	10.57	10.38	8.70	10.12	10.70	(11.5%)
8th/[454,458)	9.27	10.32	8.50	9.69	11.03	10.88	9.55	9.76	10.25	10.74	(10.6%)
9th/[458,463)	9.72	10.25	10.40	10.32	10.17	8.59	10.78	11.00	9.19	9.57	(9.9%)
10th/[463,480]	9.57	10.66	9.91	10.39	9.03	10.25	9.98	9.71	10.05	10.45	(10.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution