Student Growth Percentile Goodness–of–Fit Descriptives
2009–2010 Reading SGP, Grade 5 (N = 13,898)

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/[400,432)	9.16	10.30	9.89	9.98	10.14	10.47	9.57	10.14	10.38	9.98	(8.8%)
2nd/[432,438)	10.56	9.23	10.00	10.49	9.93	9.72	11.12	8.74	9.86	10.35	(10.3%)
3rd/[438,441)	9.69	10.29	10.63	8.40	10.03	10.55	9.52	9.78	9.35	11.75	(8.4%)
4th/[441,445)	8.41	10.18	9.40	10.71	9.20	9.92	10.51	10.91	10.38	10.38	(11%)
5th/[445,447)	9.94	9.04	10.11	11.18	11.42	9.70	9.70	10.85	9.12	8.96	(8.8%)
6th/[447,450)	10.15	9.85	10.08	9.55	10.08	9.17	10.30	9.55	11.05	10.23	(9.6%)
7th/[450,453)	9.14	10.60	10.18	9.83	8.80	10.66	10.53	9.49	9.56	11.22	(10.4%)
8th/[453,456)	10.11	10.04	10.61	8.95	10.40	10.11	9.24	9.82	9.46	11.26	(10%)
9th/[456,462)	9.17	9.96	10.27	10.63	10.33	9.23	10.21	10.21	10.45	9.54	(11.8%)
10th/[462,480]	9.71	9.97	10.03	9.84	9.64	10.10	9.84	10.49	10.03	10.36	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution