Student Growth Percentile Goodness–of–Fit Descriptives
2010–2011 Reading SGP, Grade 5 (N = 13,769)

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/[400,433]	10.28	9.37	9.29	9.67	10.05	9.82	9.82	10.74	9.82	11.12	(9.5%)
2nd/[433,438]	8.71	10.47	10.39	10.63	9.91	9.67	10.95	8.87	10.39	9.99	(9.1%)
3rd/[438,442]	9.37	10.14	10.14	10.46	10.46	10.65	8.99	9.24	9.76	10.78	(11.3%)
4th/[442,445]	9.28	9.85	8.90	9.56	9.38	9.66	9.85	11.27	11.08	11.17	(7.7%)
5th/[445,447]	10.84	10.44	10.52	10.20	9.72	9.64	11.24	9.48	9.24	8.67	(9%)
6th/[447,450]	10.38	9.95	9.95	10.38	10.16	9.23	9.31	11.60	8.73	10.31	(10.1%)
7th/[450,453]	7.69	10.34	9.04	10.40	9.30	11.69	10.34	8.59	10.59	12.02	(11.2%)
8th/[453,457]	10.20	9.25	10.84	10.65	11.41	8.56	9.06	7.98	12.10	9.95	(11.5%)
9th/[457,462]	9.93	10.46	9.56	10.08	8.74	9.86	11.95	11.50	8.59	9.34	(9.7%)
10th/[462,480]	9.57	10.24	10.11	9.50	10.38	10.71	9.30	9.70	9.77	10.71	(10.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution