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)	12.08	12.41	10.14	10.14	8.68	9.25	9.00	9.08	8.92	10.30	(8.8%)
2nd/[732,739)	11.29	9.89	9.35	10.55	9.89	10.09	8.35	9.62	10.49	10.49	(10.7%)
3rd/[739,743)	10.29	8.38	8.13	10.37	10.29	10.79	10.04	10.71	10.46	10.54	(8.6%)
4th/[743,747)	9.79	8.75	11.10	9.07	9.60	10.90	10.84	8.55	9.73	11.68	(11%)
5th/[747,750)	9.31	10.02	10.33	9.31	10.49	10.80	11.44	8.99	10.02	9.31	(9.1%)
6th/[750,753)	9.36	9.29	9.73	9.51	8.69	10.55	11.81	10.70	11.29	9.06	(9.6%)
7th/[753,756)	9.81	9.51	10.56	11.09	9.36	10.04	10.86	10.34	9.51	8.91	(9.6%)
8th/[756,759)	9.13	8.83	13.07	12.18	10.17	9.80	8.98	8.09	10.02	9.73	(9.6%)
9th/[759,765)	9.55	8.65	10.46	11.04	8.52	9.36	10.39	11.17	10.46	10.39	(11.1%)
10th/[765,780]	7.74	8.83	10.04	9.74	8.95	10.10	11.55	11.74	9.20	12.10	(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