Student Growth Percentile Goodness–of–Fit Descriptives
2010–2011 Reading SGP, Grade 8 (N = 14,504)

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/[700,733)	9.45	9.92	10.30	10.22	10.53	10.76	10.30	9.61	10.61	8.30	(9%)
2nd/[733,738)	9.45	10.75	9.91	10.14	9.53	8.31	10.21	9.91	9.60	12.20	(9%)
3rd/[738,743)	10.81	10.21	9.37	8.95	9.01	10.75	10.09	10.33	10.09	10.39	(11.5%)
4th/[743,746)	9.73	9.03	9.82	9.99	9.82	10.60	9.90	10.25	10.52	10.34	(7.9%)
5th/[746,749)	7.20	9.94	11.30	9.65	11.23	9.43	10.87	9.14	10.73	10.51	(9.6%)
6th/[749,752)	10.06	10.48	9.99	10.30	9.81	10.55	9.87	10.12	8.65	10.18	(11.2%)
7th/[752,756)	9.62	9.45	8.80	10.15	9.15	10.27	9.74	10.39	10.68	11.75	(11.7%)
8th/[756,757)	11.48	11.98	9.84	9.08	9.46	10.47	9.46	8.20	9.96	10.09	(5.5%)
9th/[757,763)	9.18	8.96	10.06	9.84	10.39	9.73	10.50	10.61	10.28	10.45	(12.5%)
10th/[763,780]	9.89	10.57	9.95	9.66	9.78	10.57	9.55	9.84	9.44	10.74	(12.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution