Student Growth Percentile Goodness–of–Fit Descriptives
2009–2010 Reading SGP, Grade 8 (N = 14,685)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Below Proficient   (100%)

Median Student Growth Percentile

1   10   20   30   40   50   60   70   80   90   99

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)	10.43	10.89	10.13	9.52	9.29	10.21	9.44	10.36	9.67	10.05	(8.9%)
2nd/[733,739)	9.29	10.35	10.35	9.89	11.48	10.15	9.62	9.75	9.36	9.75	(10.3%)
3rd/[739,743)	10.66	9.46	9.66	10.59	8.87	9.07	10.52	10.39	9.79	10.99	(10.3%)
4th/[743,746)	9.27	10.55	9.76	9.69	9.84	10.12	9.69	10.19	10.26	10.62	(9.6%)
5th/[746,750)	8.87	9.51	9.64	10.72	10.15	10.47	9.57	10.85	10.21	10.02	(10.7%)
6th/[750,751)	10.12	12.08	9.25	9.68	9.47	10.99	10.34	8.60	9.03	10.45	(6.3%)
7th/[751,755)	10.43	8.88	10.43	10.65	10.32	8.21	10.27	9.82	10.27	10.71	(12.3%)
8th/[755,759)	8.80	10.58	9.72	9.66	8.99	10.12	9.66	11.04	10.58	10.85	(10.3%)
9th/[759,763)	8.86	10.26	8.94	10.84	11.26	10.68	9.93	9.27	9.85	10.10	(8.2%)
10th/[763,780]	10.09	9.98	10.81	9.37	9.73	9.88	9.73	10.34	9.42	10.65	(13.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

0   10   20   30   40   50   60   70   80   90   100

Empirical SGP Distribution