Student Growth Percentile Goodness–of–Fit Descriptives
2011–2012 Reading SGP, Grade 6 (N = 13,729)

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/[500,534)	9.98	10.07	10.07	10.15	10.15	9.90	9.57	10.32	9.57	10.23	(8.8%)
2nd/[534,539)	9.76	9.91	9.62	9.10	9.25	10.13	10.36	10.72	10.43	10.72	(9.8%)
3rd/[539,543)	9.36	9.76	10.54	11.01	10.31	9.99	9.99	8.42	10.23	10.39	(9.3%)
4th/[543,545)	8.82	10.29	10.46	10.03	11.06	10.20	9.42	10.89	8.82	10.03	(8.4%)
5th/[545,548)	9.63	10.24	9.10	9.93	9.33	8.95	9.86	10.39	11.52	11.07	(9.6%)
6th/[548,550)	10.09	10.61	11.21	9.10	9.69	10.42	9.89	9.82	8.77	10.42	(11%)
7th/[550,553)	9.00	8.69	9.19	10.72	10.53	9.19	10.08	10.65	10.34	11.60	(11.5%)
8th/[553,557)	10.30	10.37	9.74	9.60	10.59	9.88	10.52	8.47	11.08	9.46	(10.3%)
9th/[557,560)	9.50	10.12	10.83	9.77	10.21	10.75	9.59	9.41	9.68	10.12	(8.2%)
10th/[560,580]	9.88	9.72	9.72	9.77	9.49	9.66	9.99	11.00	10.11	10.66	(13%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution