Student Growth Percentile Goodness–of–Fit Descriptives

2011 Algebra I SGP, Grade EOCT (N = 6,356)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Pre Algebra)

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/[130,151]	10.41	9.75	9.92	11.40	9.09	10.08	9.09	10.08	10.41	9.75	(9.5%)
2nd/[151,155]	10.65	8.80	9.88	9.72	9.41	12.04	9.88	9.88	9.88	9.88	(10.2%)
3rd/[155,158]	7.87	11.13	10.36	9.60	11.52	7.87	9.98	11.71	8.45	11.52	(8.2%)
4th/[158,160]	10.18	10.68	9.35	10.68	9.85	10.18	11.02	8.01	10.18	9.85	(9.4%)
5th/[160,163]	9.09	10.88	10.19	8.68	10.47	8.68	9.64	10.19	11.85	10.33	(11.4%)
6th/[163,165]	11.36	8.43	10.50	10.67	9.12	12.05	8.95	10.67	8.78	9.47	(9.1%)
7th/[165,167]	9.16	8.78	9.54	10.88	10.50	9.16	11.83	10.11	8.97	11.07	(8.2%)
8th/[167,170]	10.08	9.96	10.79	9.85	10.68	9.49	9.49	9.49	9.61	10.56	(13.3%)
9th/[170,174]	8.78	11.16	9.67	9.38	8.63	10.71	10.86	10.12	10.71	9.97	(10.6%)
10th/[174,199]	10.52	9.73	9.89	9.58	11.46	9.42	9.26	10.36	9.42	10.36	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution