Student Growth Percentile Goodness–of–Fit Descriptives

2011 Algebra I SGP, Grade EOCT (N = 8,060)

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/[130,150)	10.43	9.46	9.46	10.85	9.46	9.87	10.57	9.87	10.43	9.60	(8.9%)
2nd/[150,154)	9.60	9.26	11.62	8.25	11.11	10.61	8.08	10.44	7.91	13.13	(7.4%)
3rd/[154,158)	9.20	10.27	9.88	10.08	10.18	9.88	9.59	10.57	10.76	9.59	(12.7%)
4th/[158,160)	9.13	11.64	8.86	10.71	9.79	10.19	11.77	8.47	9.66	9.79	(9.4%)
5th/[160,163)	9.22	10.09	10.95	9.33	9.87	8.57	10.30	9.65	10.95	11.06	(11.4%)
6th/[163,165)	11.36	8.95	9.38	10.23	9.66	12.64	8.95	10.23	9.80	8.81	(8.7%)
7th/[165,167)	8.72	9.48	10.09	9.94	10.55	9.33	11.16	10.55	8.41	11.77	(8.1%)
8th/[167,170)	9.74	10.52	10.71	9.83	11.00	8.86	10.03	9.54	9.35	10.42	(12.7%)
9th/[170,173)	9.00	9.58	9.81	10.16	8.18	11.80	9.81	9.93	11.68	10.05	(10.6%)
10th/[173,199]	10.30	10.17	9.93	9.55	11.17	8.81	10.05	9.93	9.68	10.42	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution