Student Growth Percentile Goodness−of−Fit Descriptives
2012 Summative Hs Mathematics, Grade Progression 102−103−104 (N = 7,404)

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/[175,254]	9.55	9.70	9.55	10.17	9.55	10.02	10.95	10.02	10.17	10.33	(8.6%)
2nd/[254,278]	10.41	10.53	9.91	10.41	9.67	8.92	11.03	9.67	9.67	9.79	(10.9%)
3rd/[278,292]	8.81	10.02	10.71	10.02	11.05	10.88	7.77	10.36	9.84	10.54	(7.8%)
4th/[292,310]	8.93	9.06	10.92	10.05	9.06	10.05	10.55	9.55	10.55	11.29	(10.9%)
5th/[310,329]	11.35	11.22	8.58	9.71	10.21	9.84	10.97	10.59	9.33	8.20	(10.7%)
6th/[329,348]	8.58	8.71	9.12	9.38	10.72	10.32	8.58	10.19	11.39	13.00	(10.1%)
7th/[348,368]	9.62	11.07	11.20	11.59	10.41	9.35	10.14	8.70	8.04	9.88	(10.3%)
8th/[368,390]	9.41	10.44	11.32	9.85	8.97	10.29	10.15	9.56	9.56	10.44	(9.2%)
9th/[390,432]	9.10	9.10	9.23	8.61	9.35	10.09	10.33	11.56	12.30	10.33	(11%)
10th/[432,600]	10.10	10.36	9.59	10.61	10.74	10.49	9.46	9.59	8.70	10.36	(10.6%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution