Student Growth Percentile Goodness–of–Fit Descriptives
2014–2015 Mathematics SGP, Grade 7 (N = 18,999)

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/[2.24e+03,2.36e+03)	9.96	10.14	9.89	10.51	10.02	10.27	9.52	9.71	9.71	10.27	(8.5%)
2nd/[2.36e+03,2.41e+03)	10.41	10.36	10.04	9.29	9.66	9.82	9.93	10.09	10.04	10.36	(9.8%)
3rd/[2.41e+03,2.45e+03)	8.12	9.44	9.94	11.04	10.49	9.61	10.33	9.94	10.44	10.66	(9.5%)
4th/[2.45e+03,2.47e+03)	10.88	10.15	8.63	9.75	10.69	10.25	9.95	10.00	9.12	10.59	(10.7%)
5th/[2.47e+03,2.5e+03)	8.53	10.28	11.25	9.87	9.87	10.07	9.61	10.12	10.79	9.61	(10.2%)
6th/[2.5e+03,2.52e+03)	10.22	9.80	9.17	9.91	9.59	9.64	11.12	9.96	9.33	11.28	(10%)
7th/[2.52e+03,2.54e+03)	10.05	9.91	9.63	10.05	9.86	9.39	10.00	10.00	10.29	10.81	(11.2%)
8th/[2.54e+03,2.57e+03)	10.09	10.20	10.20	9.68	10.09	10.43	10.03	9.97	9.23	10.09	(9.2%)
9th/[2.57e+03,2.6e+03)	8.61	10.19	9.96	10.52	10.30	10.02	9.51	9.79	10.35	10.75	(9.4%)
10th/[2.6e+03,2.75e+03]	9.80	9.67	9.89	9.62	9.30	10.26	9.89	10.03	10.54	10.99	(11.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution / Empirical SGP Distribution