Student Growth Percentile Goodness–of–Fit Descriptives
2011 Biology SGP, Grade EOCT (N = 18,802)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Earth Science)

Below Proficient — (100%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

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/[130,153)	9.64	10.15	9.92	9.46	10.55	9.92	10.66	10.38	9.69	9.64	(9.3%)
2nd/[153,158)	9.27	9.48	9.88	10.53	9.88	9.78	9.63	9.43	10.74	11.39	(10.6%)
3rd/[158,161)	10.19	10.81	10.42	9.63	9.01	10.47	9.23	10.59	9.12	10.53	(9.4%)
4th/[161,163)	9.34	10.08	9.59	10.33	10.50	10.41	10.33	9.42	9.26	10.74	(6.4%)
5th/[163,166)	9.38	9.54	10.39	10.19	9.94	9.30	10.39	10.02	11.48	9.38	(13.2%)
6th/[166,168)	9.76	10.15	9.93	9.15	10.54	10.32	10.15	10.54	8.31	11.15	(9.5%)
7th/[168,170)	9.13	10.16	9.35	10.70	9.94	10.32	9.62	9.18	10.75	10.86	(9.8%)
8th/[170,173)	10.12	10.07	10.18	9.63	9.74	9.96	9.52	10.78	9.35	10.67	(9.7%)
9th/[173,176)	9.09	9.92	9.92	10.53	10.37	9.87	10.42	9.20	10.53	10.14	(9.6%)
10th/[176,199]	9.84	10.05	10.14	9.79	9.75	10.09	9.97	10.31	9.92	10.14	(12.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution