Student Growth Percentile Goodness–of–Fit Descriptives
2011 Biology SGP, Grade EOCT (N = 17,011)

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)	9.59	10.05	9.85	9.92	10.05	10.44	10.57	9.92	10.24	9.39	(9%)
2nd/[153,158)	9.66	9.55	9.49	10.52	10.06	9.61	9.38	10.29	9.84	11.60	(10.3%)
3rd/[158,161)	10.08	10.34	10.53	9.45	9.45	10.21	10.08	9.58	9.89	10.40	(9.3%)
4th/[161,164)	8.99	10.34	9.97	10.29	10.44	9.66	9.77	10.60	9.40	10.55	(11.3%)
5th/[164,166)	10.05	9.77	10.12	10.26	9.35	10.33	9.70	9.35	12.23	8.85	(8.4%)
6th/[166,168)	9.81	9.69	10.30	8.90	9.99	10.48	10.84	10.12	8.72	11.14	(9.7%)
7th/[168,170)	9.29	9.70	9.52	11.01	10.60	9.46	9.52	10.00	9.88	11.01	(9.9%)
8th/[170,173)	9.89	10.67	9.83	9.71	9.47	10.07	9.83	10.72	9.47	10.37	(9.8%)
9th/[173,176)	9.09	10.12	9.76	10.48	10.73	9.09	10.85	9.27	10.48	10.12	(9.7%)
10th/[176,199]	10.07	9.79	10.17	9.84	9.56	10.63	9.79	9.98	9.93	10.21	(12.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

0   10   20   30   40   50   60   70   80   90   100

Empirical SGP Distribution