Student Growth Percentile Goodness–of–Fit Descriptives
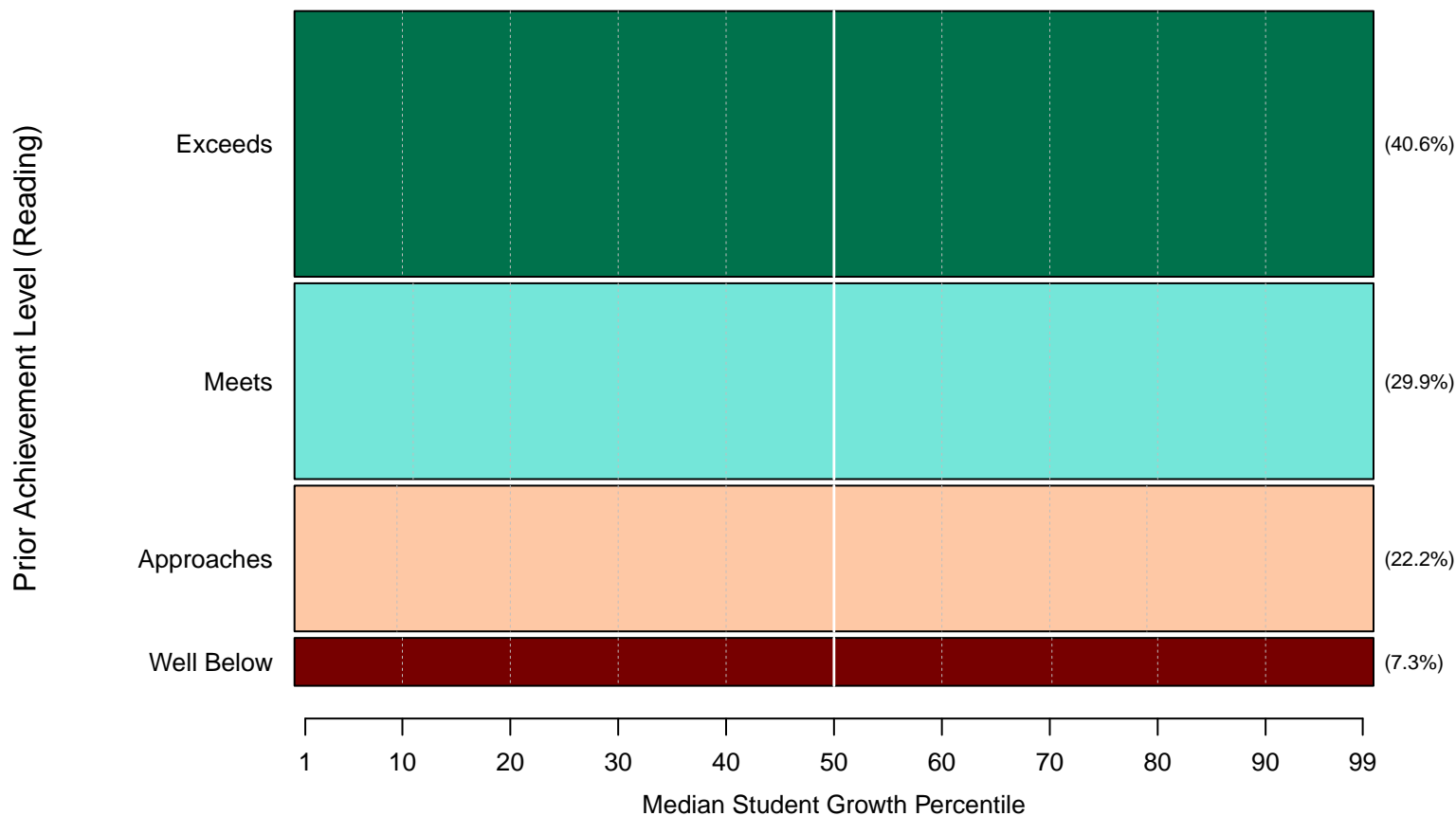## 2013 Reading SGP, Grade 4 (N = 13,512)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percentage
Exceeds	(40.6%)
Meets	(29.9%)
Approaches	(22.2%)
Well Below	(7.3%)

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/[201,270)	10.11	10.50	10.03	10.11	9.56	10.27	9.56	10.11	9.72	10.03	(9.4%)
2nd/[270,288)	8.49	9.89	10.39	10.32	10.32	9.33	9.96	10.32	10.04	10.95	(10.5%)
3rd/[288,300)	11.07	9.52	9.37	8.44	9.75	11.30	10.76	10.14	9.60	10.06	(9.6%)
4th/[300,309)	9.08	9.86	9.22	11.91	10.92	9.08	9.86	10.35	9.43	10.28	(10.4%)
5th/[309,316)	8.85	10.67	11.36	9.19	8.76	9.11	9.63	8.85	11.54	12.06	(8.5%)
6th/[316,324)	8.88	10.57	9.89	9.82	10.37	10.30	10.09	10.16	10.30	9.62	(10.9%)
7th/[324,333)	10.63	10.27	8.73	10.13	10.13	10.34	10.49	10.20	8.30	10.77	(10.5%)
8th/[333,342)	9.79	10.67	9.71	10.27	9.32	9.39	9.00	10.67	10.83	10.35	(9.3%)
9th/[342,355)	9.26	8.63	10.88	9.61	11.30	10.88	9.96	9.26	10.39	9.82	(10.5%)
10th/[355,447]	9.43	10.74	9.80	9.94	9.29	9.51	10.38	10.09	9.87	10.96	(10.2%)

*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