Student Growth Percentile Goodness–of–Fit Descriptives
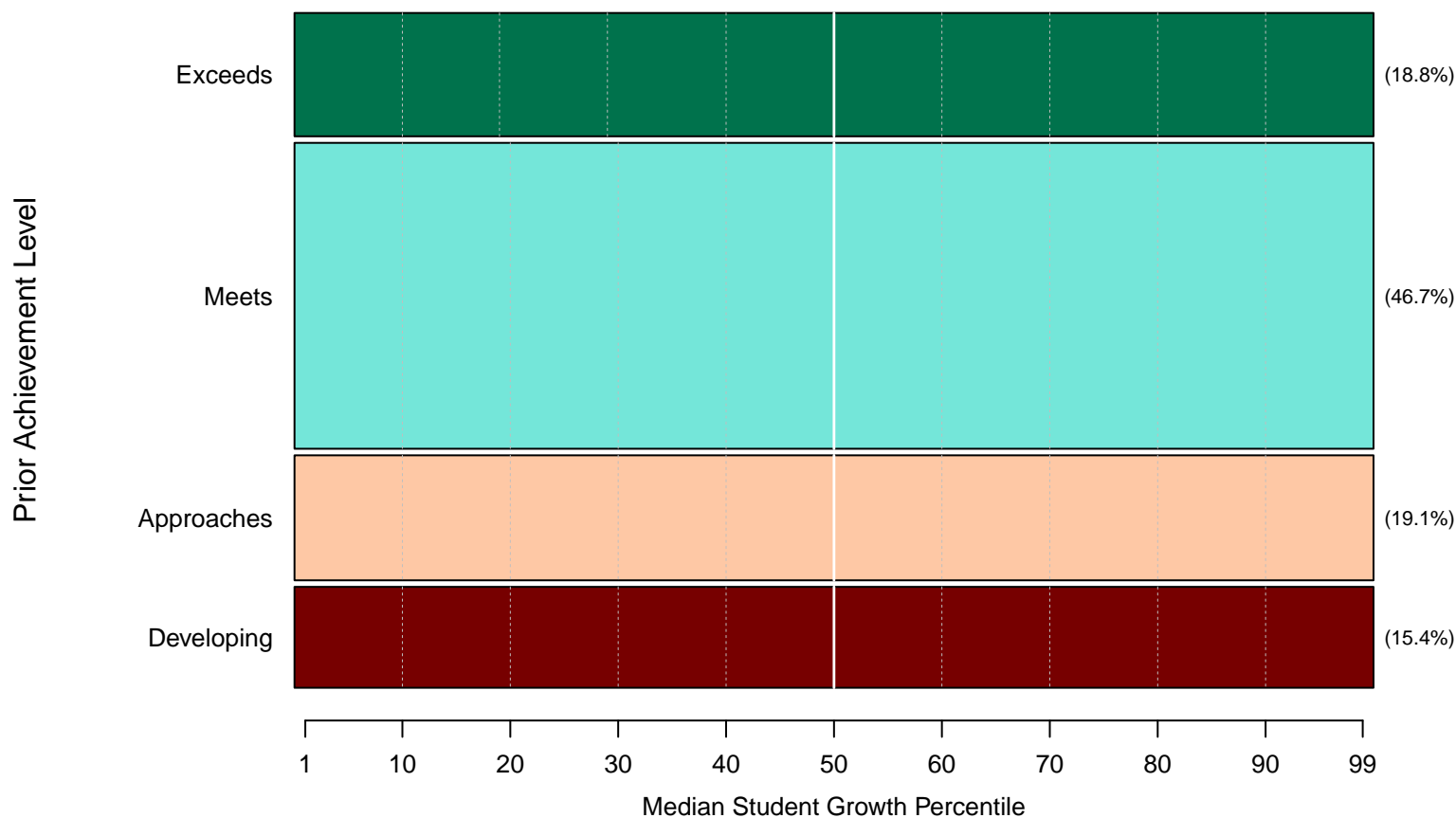## 2011–2012 Reading SGP, Grade 5 (N = 30,646)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percent
Exceeds	(18.8%)
Meets	(46.7%)
Approaches	(19.1%)
Developing	(15.4%)

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/[100,224)	10.44	9.71	9.71	10.13	9.74	9.99	9.85	10.37	9.71	10.37	(9.3%)
2nd/[224,264)	9.05	10.11	9.77	9.70	10.49	10.15	10.15	9.87	9.60	11.11	(9.5%)
3rd/[264,293)	9.14	10.24	10.12	9.77	9.80	9.55	9.86	10.09	10.84	10.59	(10.4%)
4th/[293,310)	9.86	9.31	9.66	9.90	10.17	10.29	9.98	10.05	10.29	10.49	(8.3%)
5th/[310,329)	9.75	9.88	10.10	10.29	10.07	9.75	9.88	10.86	8.99	10.44	(10.3%)
6th/[329,343)	10.16	9.52	10.88	10.08	9.00	10.60	10.52	9.28	10.20	9.76	(8.2%)
7th/[343,359)	9.15	10.81	9.53	9.19	11.22	9.74	9.84	9.98	9.84	10.70	(9.4%)
8th/[359,378)	8.87	9.95	9.25	11.08	9.57	9.79	9.95	9.95	10.48	11.11	(10.3%)
9th/[378,402)	9.82	9.95	11.25	9.54	9.44	11.06	8.87	10.11	10.23	9.73	(10.3%)
10th/[402,500]	10.15	10.12	9.68	10.43	9.79	9.14	11.16	9.58	9.32	10.64	(13.9%)

*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: 0 10 20 30 40 50 60 70 80 90 100