Student Growth Percentile Goodness–of–Fit Descriptives
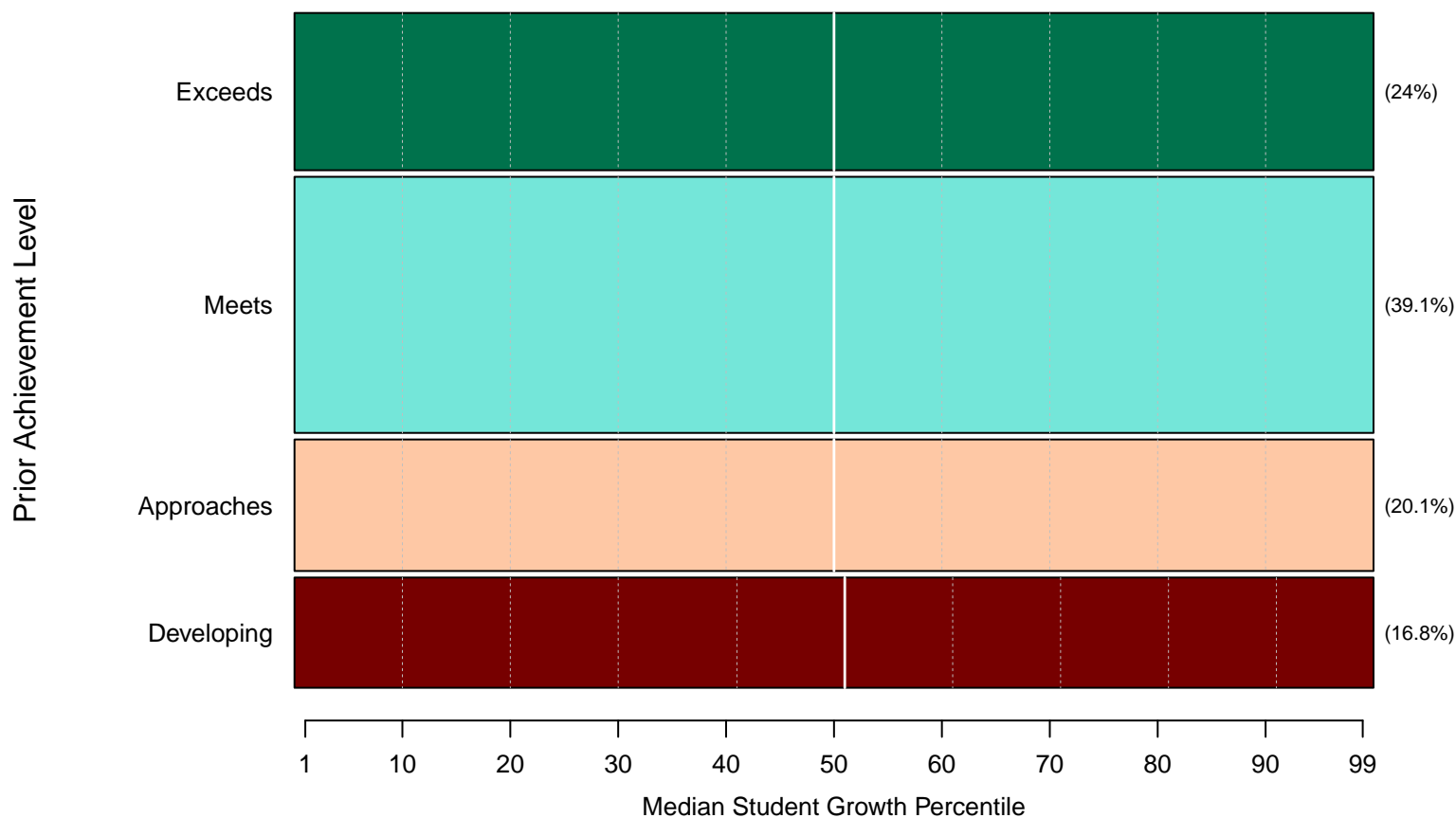## 2011–2012 Reading SGP, Grade 6 (N = 30,212)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Exceeds	(24%)
Meets	(39.1%)
Approaches	(20.1%)
Developing	(16.8%)

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/[100,216)	10.36	9.57	9.07	9.45	9.94	10.21	9.41	10.40	9.75	11.83	(8.8%)
2nd/[216,259)	9.02	9.96	10.22	9.65	10.19	9.69	10.83	9.39	10.26	10.79	(9.9%)
3rd/[259,286)	8.87	10.40	10.33	10.05	9.01	9.81	9.70	10.40	9.87	11.58	(9.5%)
4th/[286,307)	10.21	9.46	9.53	9.68	10.89	10.25	10.51	9.76	10.51	9.19	(8.8%)
5th/[307,329)	9.90	9.78	9.72	10.28	10.11	9.67	9.84	9.75	10.05	10.90	(11.3%)
6th/[329,345)	8.69	11.87	9.70	9.39	9.62	10.12	9.93	9.89	9.89	10.90	(8.5%)
7th/[345,363)	9.50	9.19	10.23	9.91	9.74	10.64	9.50	10.95	10.12	10.23	(9.5%)
8th/[363,384)	9.75	10.02	10.23	9.72	9.99	9.79	10.26	9.27	10.84	10.13	(9.7%)
9th/[384,425)	9.62	9.93	9.35	10.71	10.20	10.13	9.79	10.08	9.42	10.76	(13.6%)
10th/[425,500]	9.63	10.26	10.17	10.01	9.60	10.33	9.79	9.91	10.55	9.76	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution