Student Growth Percentile Goodness–of–Fit Descriptives
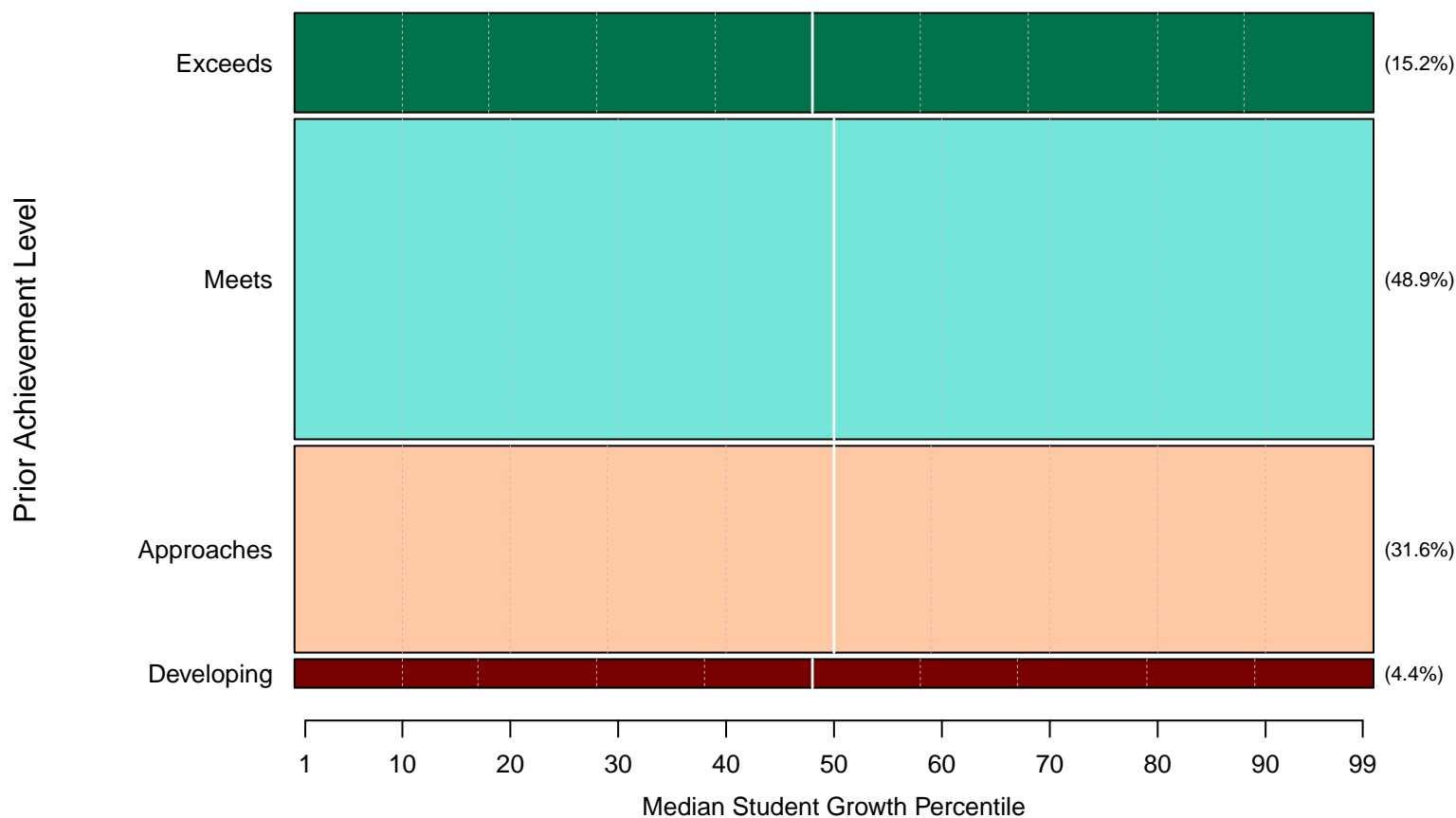## 2008–2009 Reading SGP, Grade 10 (N = 23,465)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percent
Exceeds	(15.2%)
Meets	(48.9%)
Approaches	(31.6%)
Developing	(4.4%)

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/[100,241)	9.57	11.35	8.96	10.17	10.22	10.09	9.09	10.35	9.83	10.39	(9.8%)
2nd/[241,272)	9.95	9.82	11.44	9.60	10.17	9.29	11.26	8.76	10.12	9.60	(9.7%)
3rd/[272,290)	9.93	9.10	11.53	9.69	8.38	11.57	8.67	11.57	9.01	10.56	(8.8%)
4th/[290,308)	9.39	10.53	9.35	9.59	12.24	9.76	9.39	8.74	10.61	10.41	(10.5%)
5th/[308,322)	9.70	10.16	9.06	9.43	10.43	7.96	10.94	10.21	9.93	12.17	(9.3%)
6th/[322,336)	10.09	10.45	10.90	10.57	7.95	10.33	10.45	9.44	10.82	9.00	(10.6%)
7th/[336,352)	9.87	9.79	9.53	9.72	8.53	14.96	7.15	10.18	10.83	9.45	(11.1%)
8th/[352,365)	8.94	9.73	12.91	9.89	6.09	9.50	11.85	11.51	8.78	10.79	(7.6%)
9th/[365,390)	9.13	11.86	8.03	10.32	11.94	9.57	9.17	11.35	8.98	9.65	(10.8%)
10th/[390,500]	10.39	9.55	11.94	10.10	7.89	11.55	11.04	6.66	11.18	9.70	(11.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution