Student Growth Percentile Goodness–of–Fit Descriptives
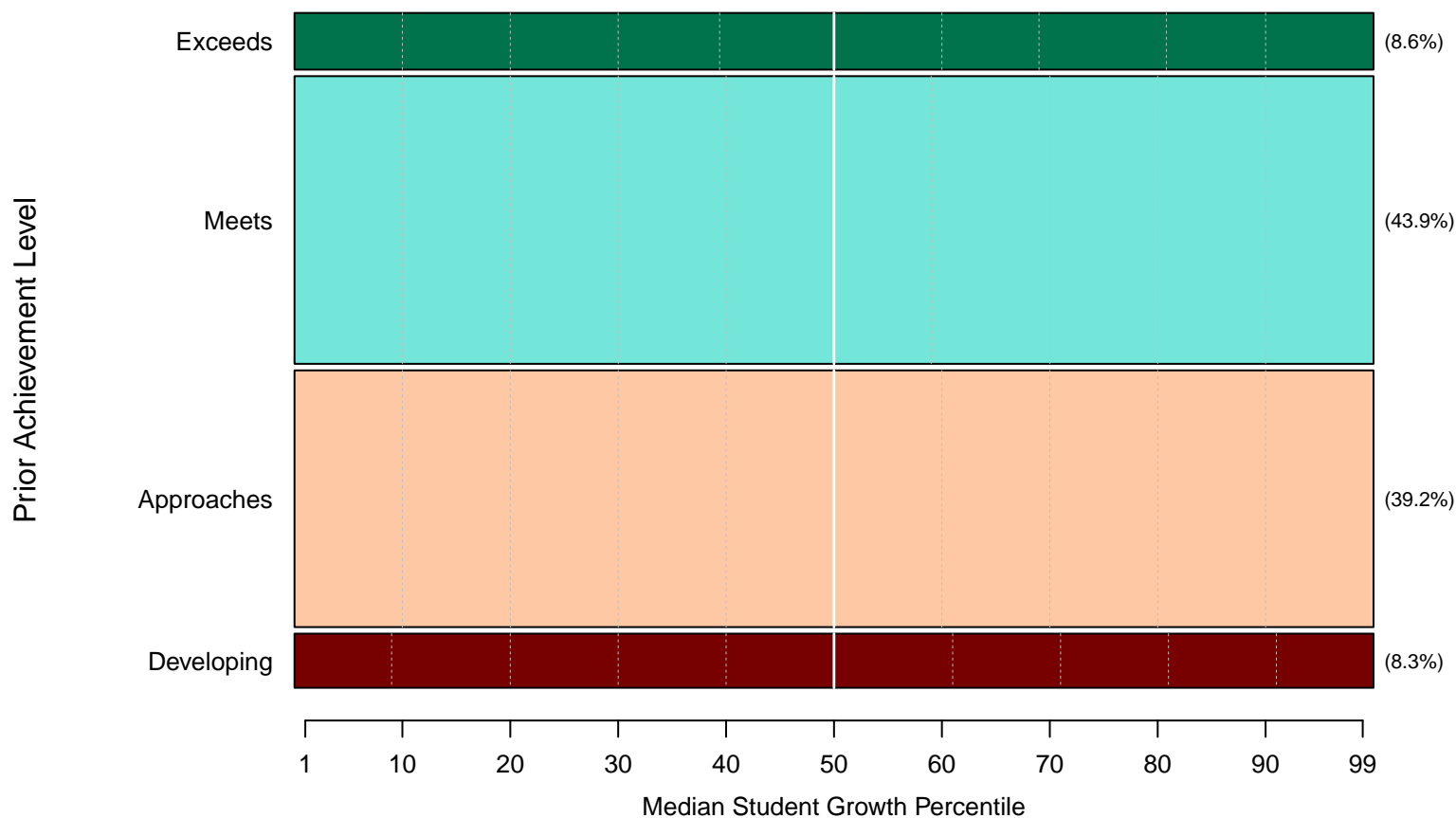## 2009–2010 Reading SGP, Grade 6 (N = 30,377)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (8.6%)
- Meets (43.9%)
- Approaches (39.2%)
- Developing (8.3%)

Median Student Growth Percentile

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/[100,210)	10.55	9.22	9.94	9.87	9.87	9.70	9.70	10.07	9.80	11.30	(9.6%)
2nd/[210,241)	9.55	10.32	10.40	9.86	9.82	9.78	9.66	10.21	9.74	10.67	(8.5%)
3rd/[241,268)	8.73	9.75	9.46	10.57	10.13	9.96	9.96	9.75	10.86	10.83	(11.2%)
4th/[268,284)	9.58	10.34	10.54	9.82	8.93	10.58	9.42	9.90	10.58	10.30	(8.2%)
5th/[284,301)	10.48	9.35	9.62	10.18	10.35	9.35	9.68	10.98	9.55	10.45	(9.9%)
6th/[301,320)	9.36	10.44	10.12	9.90	10.44	10.46	10.14	8.99	9.39	10.76	(12.3%)
7th/[320,335)	9.65	9.84	9.43	9.62	9.07	10.43	9.18	10.28	11.64	10.87	(9%)
8th/[335,353)	9.14	9.88	10.13	10.83	10.65	9.77	10.13	9.70	9.92	9.85	(9.4%)
9th/[353,375)	10.67	10.31	9.81	9.48	10.35	10.06	10.42	10.03	9.02	9.84	(9.1%)
10th/[375,500]	9.36	9.77	10.39	10.36	9.95	10.06	9.95	9.54	9.98	10.62	(12.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution