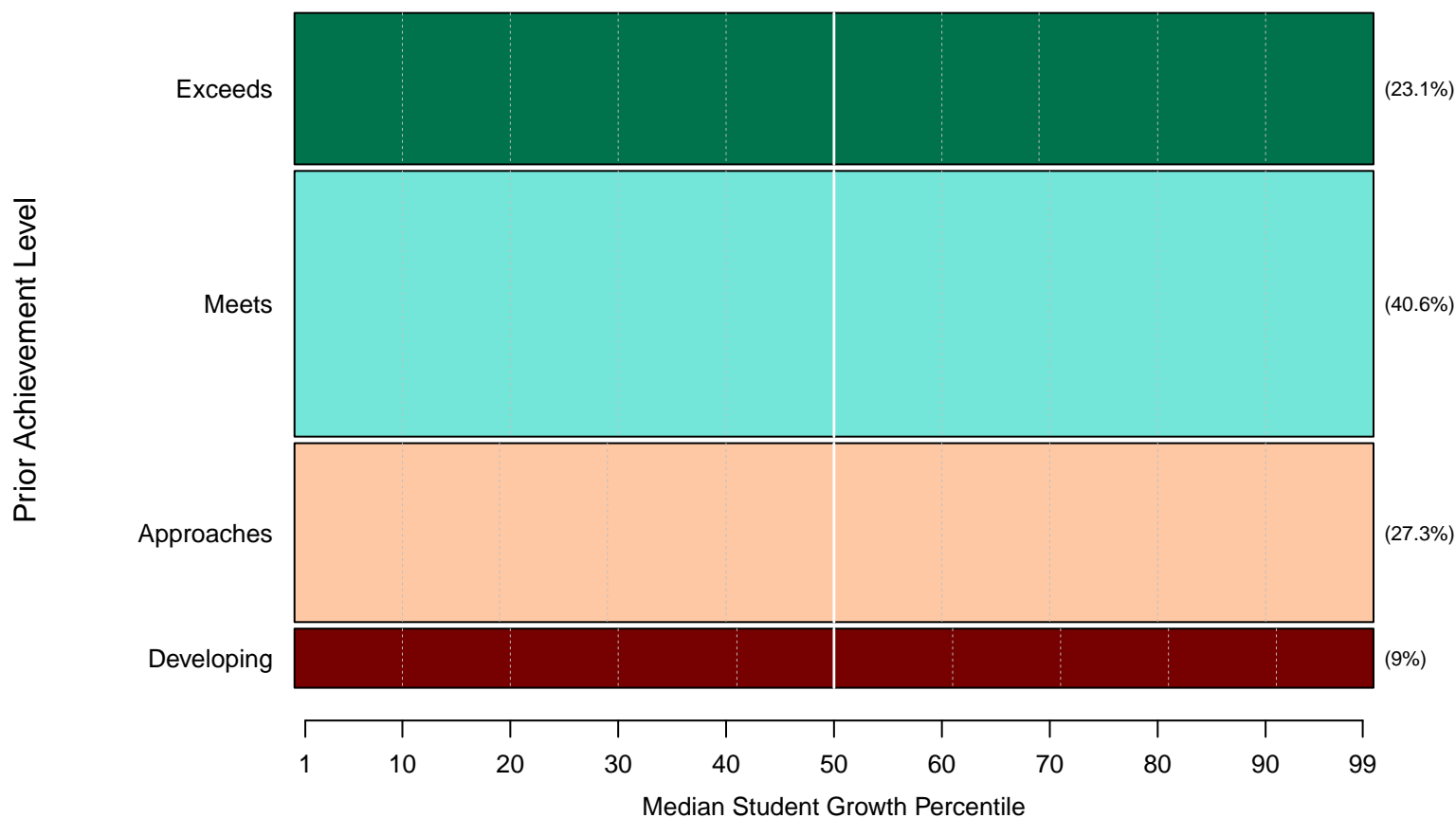# Student Growth Percentile Goodness−of−Fit Descriptives
2009−2010 Reading SGP, Grade 7 (N = 29,723)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (23.1%)
- Meets (40.6%)
- Approaches (27.3%)
- Developing (9%)

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/[100,202)	9.99	9.62	9.92	9.69	10.14	9.51	9.40	10.37	10.29	11.07	(9%)
2nd/[202,249)	9.66	10.34	10.42	9.66	9.77	9.88	10.31	9.63	10.13	10.20	(9.4%)
3rd/[249,285)	9.65	9.95	9.86	10.04	10.04	9.68	9.41	10.70	9.71	10.94	(11.3%)
4th/[285,307)	10.30	10.44	10.04	9.63	9.59	10.22	9.48	9.85	9.85	10.59	(9.1%)
5th/[307,331)	10.53	9.15	9.87	10.34	10.00	10.06	9.50	10.16	10.09	10.28	(10.7%)
6th/[331,350)	8.59	10.81	9.79	10.01	9.54	10.48	10.30	9.97	9.57	10.92	(9.2%)
7th/[350,372)	9.72	9.72	10.37	9.88	10.07	9.91	10.28	10.10	9.57	10.37	(10.9%)
8th/[372,390)	9.93	9.47	9.70	10.16	10.30	9.51	9.56	10.35	10.77	10.26	(7.3%)
9th/[390,424)	9.34	10.61	9.79	10.04	9.25	11.12	9.70	9.67	9.76	10.70	(11.1%)
10th/[424,500]	9.12	9.99	10.78	9.52	9.88	10.13	10.72	10.05	9.74	10.05	(12%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution