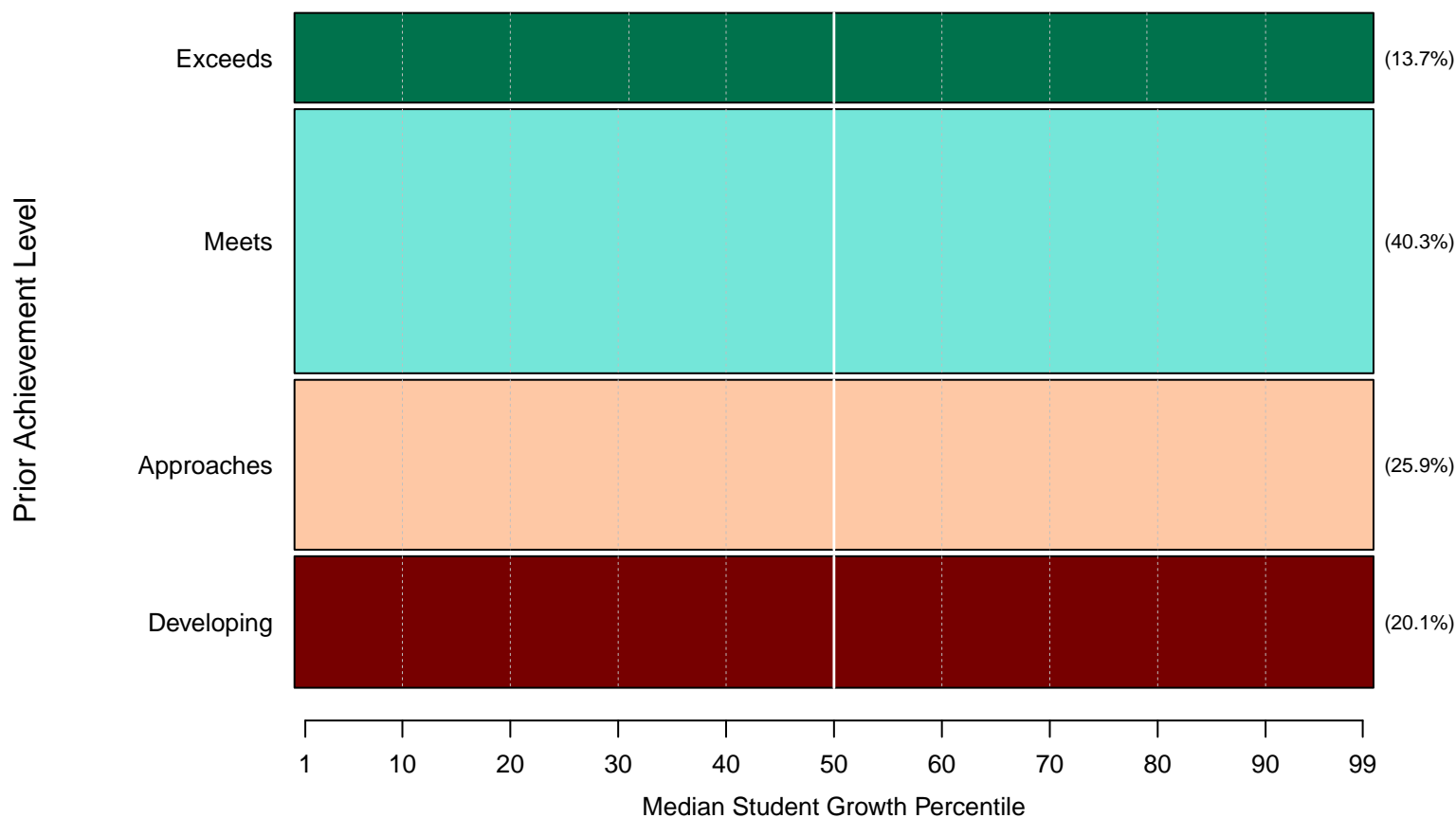# Student Growth Percentile Goodness–of–Fit Descriptives
2010–2011 Reading SGP, Grade 6 (N = 30,745)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Exceeds	(13.7%)
Meets	(40.3%)
Approaches	(25.9%)
Developing	(20.1%)

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/[100,215)	10.84	9.25	9.38	10.15	9.70	10.50	9.11	9.98	9.80	11.30	(9.4%)
2nd/[215,247)	8.68	10.44	10.29	9.92	10.07	10.29	9.99	9.96	9.92	10.44	(8.7%)
3rd/[247,276)	9.75	9.53	9.53	10.19	10.25	9.69	10.74	10.02	9.80	10.49	(11.8%)
4th/[276,293)	10.05	9.91	10.09	9.77	9.67	10.89	9.74	9.42	10.02	10.44	(9.3%)
5th/[293,312)	9.16	10.20	10.38	9.77	9.77	8.86	10.41	10.38	10.29	10.78	(10.7%)
6th/[312,325)	9.81	10.04	10.19	10.54	10.19	9.81	9.97	9.66	9.43	10.35	(8.6%)
7th/[325,341)	9.16	9.58	9.51	9.40	10.75	10.36	10.61	9.87	10.33	10.43	(9.2%)
8th/[341,358)	9.62	10.44	10.20	10.55	9.24	10.86	9.41	10.27	9.48	9.93	(9.5%)
9th/[358,381)	9.33	10.60	9.51	10.39	9.61	9.40	9.96	9.40	11.12	10.67	(9.3%)
10th/[381,500]	9.60	9.63	9.77	9.98	10.46	10.24	10.17	10.27	9.51	10.36	(13.7%)

*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