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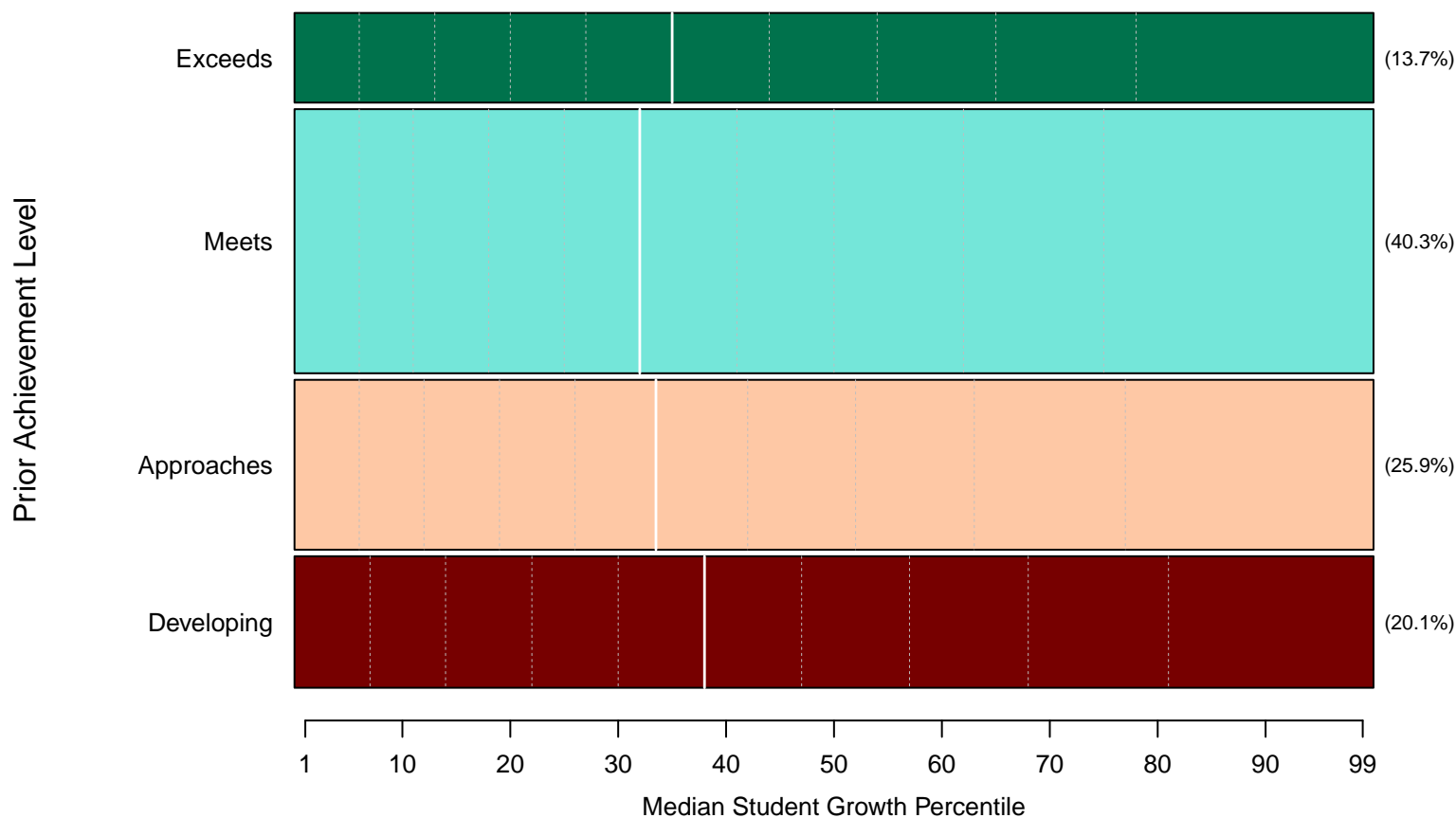## 2010–2011 Reading SGP, Grade 6 (N = 30,745)

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

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)	14.53	11.61	11.33	11.71	11.30	9.94	9.38	7.33	7.96	4.90	(9.4%)
2nd/[215,247)	13.62	14.63	13.06	12.50	10.93	10.40	7.93	6.81	6.32	3.78	(8.7%)
3rd/[247,276)	15.26	14.07	13.99	11.79	10.66	10.30	8.07	6.91	5.70	3.25	(11.8%)
4th/[276,293)	16.79	15.22	13.51	11.87	10.26	8.59	8.06	7.47	4.99	3.25	(9.3%)
5th/[293,312)	16.89	15.19	14.06	11.20	10.56	9.71	7.85	6.45	4.84	3.23	(10.7%)
6th/[312,325)	17.08	16.85	14.53	11.91	10.54	8.06	7.84	6.31	4.18	2.70	(8.6%)
7th/[325,341)	16.32	15.22	14.44	13.38	10.33	8.80	7.74	6.67	4.58	2.52	(9.2%)
8th/[341,358)	17.24	16.90	13.57	12.16	10.92	8.83	7.59	5.46	4.02	3.30	(9.5%)
9th/[358,381)	17.47	15.19	12.74	11.68	9.89	8.60	9.47	6.67	4.84	3.44	(9.3%)
10th/[381,500]	15.40	14.17	13.33	12.15	10.77	9.51	8.03	7.25	5.56	3.83	(13.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution