Student Growth Percentile Goodness–of–Fit Descriptives
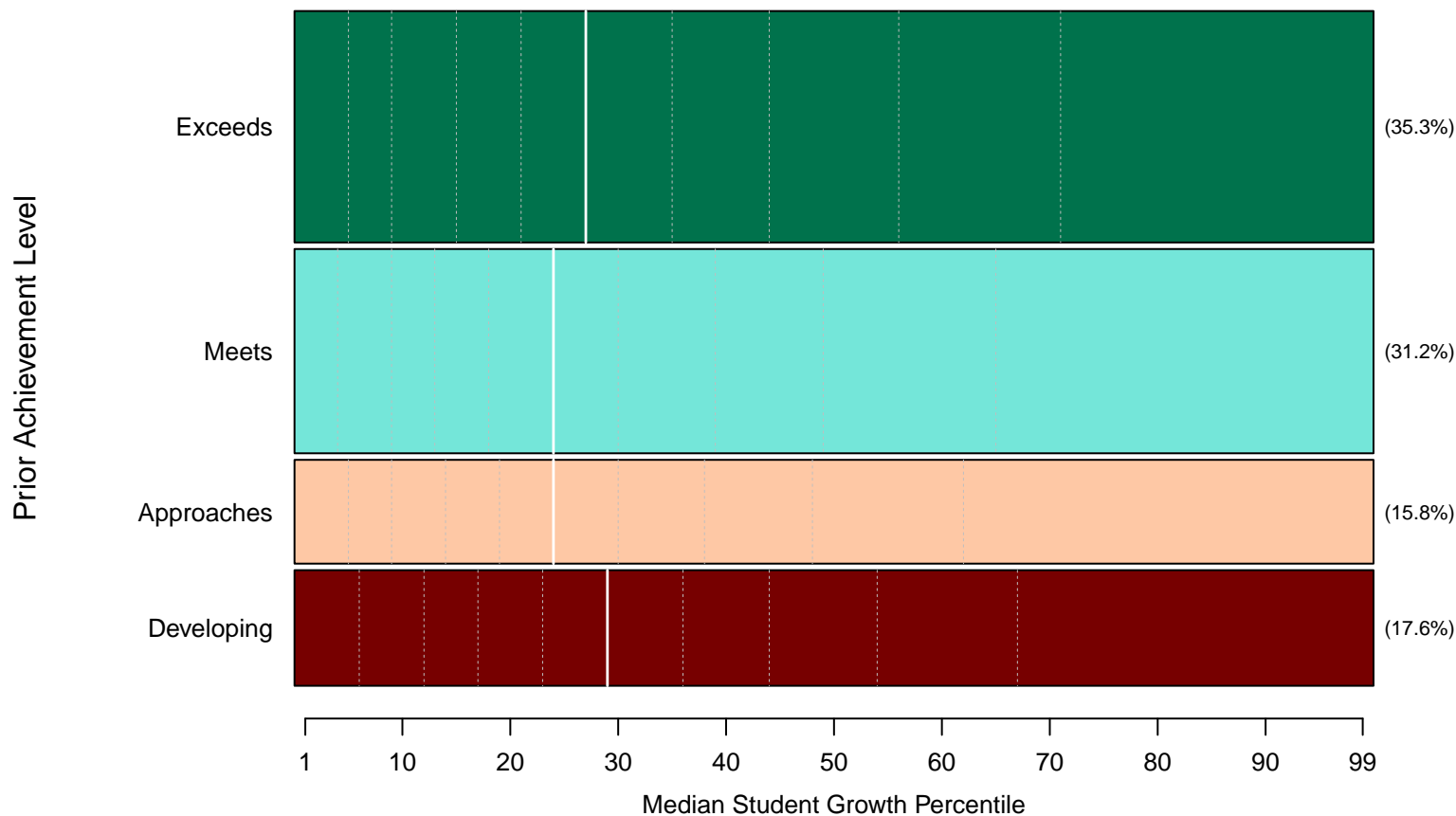## 2010–2011 Reading SGP, Grade 7 (N = 30,385)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (35.3%)
- Meets (31.2%)
- Approaches (15.8%)
- Developing (17.6%)

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/[100,212)	14.17	16.75	16.08	14.17	12.47	9.72	6.86	4.56	3.36	1.87	(9.3%)
2nd/[212,260)	17.54	19.83	17.97	12.95	10.52	8.05	6.09	3.83	2.16	1.06	(9.9%)
3rd/[260,291)	21.88	19.75	16.83	12.64	10.00	7.35	4.84	3.02	2.58	1.10	(9.6%)
4th/[291,315)	19.77	21.67	17.33	12.19	9.65	6.94	4.87	3.67	2.30	1.60	(9.9%)
5th/[315,335)	23.60	20.67	16.09	11.82	8.78	6.39	4.93	3.77	2.50	1.46	(8.6%)
6th/[335,356)	21.29	19.96	15.90	11.80	11.15	6.73	5.23	4.06	2.21	1.66	(10.1%)
7th/[356,380)	23.02	19.21	16.52	12.29	8.75	7.24	5.50	3.13	2.84	1.51	(11.1%)
8th/[380,399)	21.77	18.52	15.55	11.92	9.36	7.71	6.23	4.08	2.68	2.19	(8%)
9th/[399,435)	20.78	18.83	13.98	12.20	9.92	7.24	5.93	4.73	3.68	2.71	(11.3%)
10th/[435,500]	18.26	16.41	13.87	11.99	10.55	9.16	6.69	5.57	4.15	3.35	(12.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution