Student Growth Percentile Goodness–of–Fit Descriptives
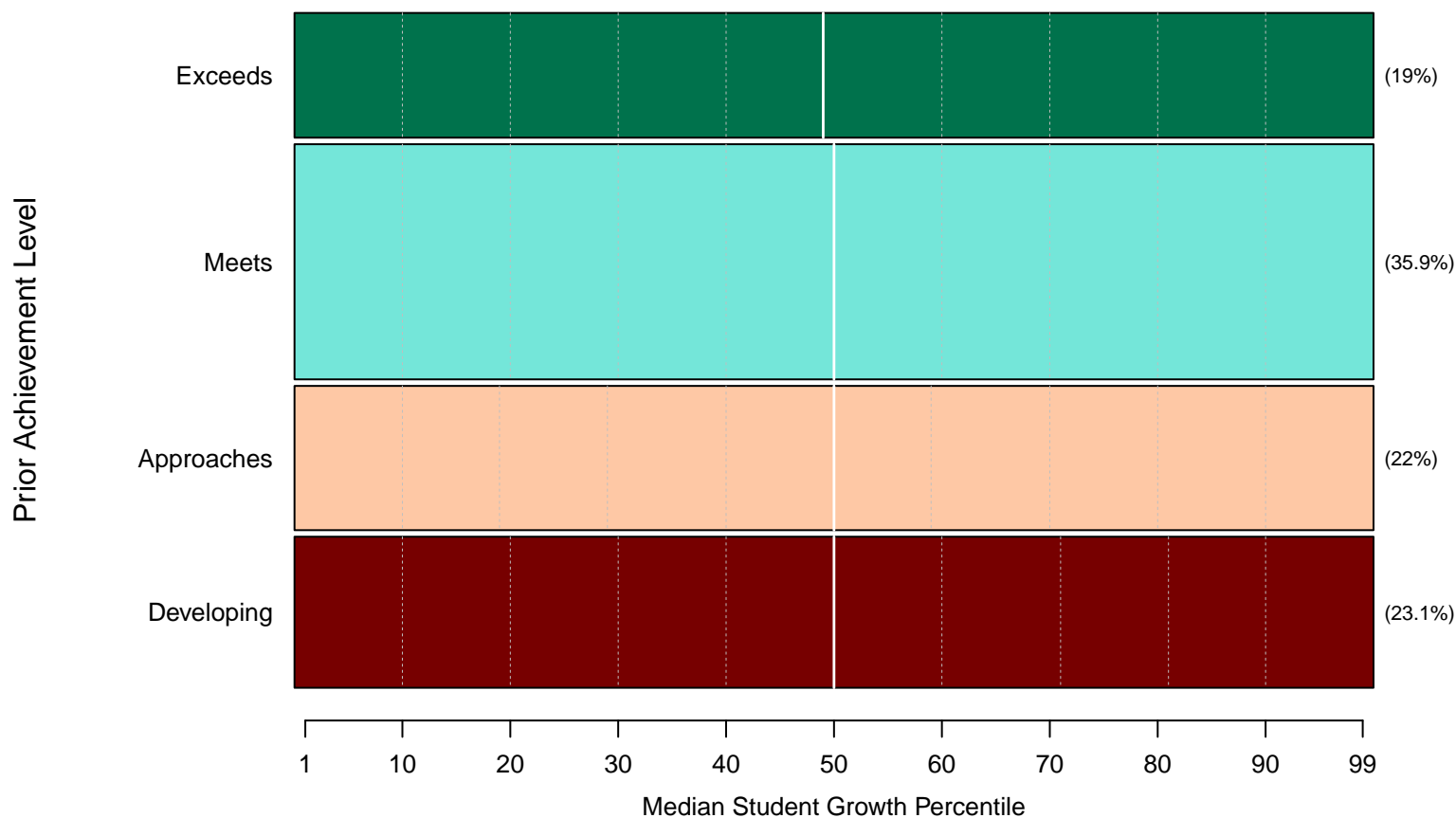## 2011–2012 Reading SGP, Grade 8 (N = 29,830)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (y-axis), Median Student Growth Percentile (x-axis)

- Exceeds (19%)
- Meets (35.9%)
- Approaches (22%)
- Developing (23.1%)

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/[100,203)	10.14	9.98	9.32	10.02	9.40	10.30	10.10	9.95	9.91	10.88	(8.6%)
2nd/[203,243)	9.42	9.42	10.92	9.26	10.01	9.72	9.88	9.78	10.37	11.21	(10.3%)
3rd/[243,271)	10.33	10.15	9.53	10.39	9.96	10.09	9.53	10.12	9.87	10.02	(10.9%)
4th/[271,292)	9.83	10.21	10.31	9.46	9.70	9.94	10.21	9.77	9.46	11.13	(9.9%)
5th/[292,307)	8.85	9.77	10.02	9.85	9.77	10.72	10.06	10.10	10.06	10.81	(8.1%)
6th/[307,329)	9.71	9.39	9.74	10.42	10.30	9.59	10.33	10.59	9.92	10.01	(11.4%)
7th/[329,347)	10.72	9.94	11.05	10.09	9.32	9.69	9.06	9.10	9.65	11.38	(9.1%)
8th/[347,368)	8.64	10.54	10.11	10.00	9.96	9.93	9.93	10.21	10.07	10.61	(9.4%)
9th/[368,395)	9.15	9.53	9.77	9.60	10.75	10.05	10.61	10.19	10.16	10.19	(9.6%)
10th/[395,500]	9.54	10.36	9.99	10.33	9.88	9.91	9.99	9.83	9.51	10.65	(12.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (x-axis), Empirical SGP Distribution (y-axis)