Student Growth Percentile Goodness–of–Fit Descriptives
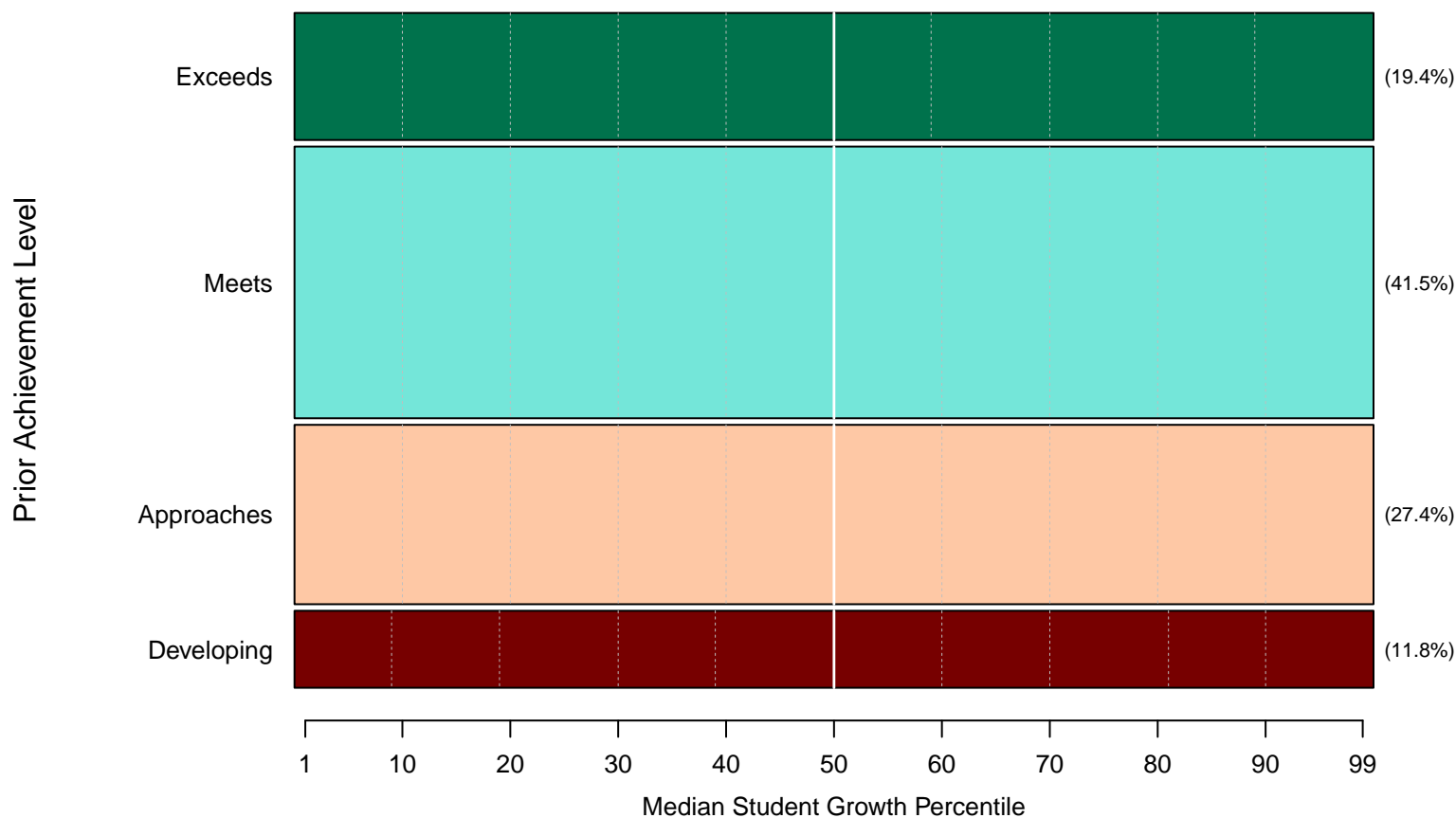## 2008–2009 Reading SGP, Grade 7 (N = 29,944)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Exceeds	(19.4%)
Meets	(41.5%)
Approaches	(27.4%)
Developing	(11.8%)

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/[100,189)	10.87	9.49	9.79	10.43	9.53	9.75	9.79	9.34	10.39	10.61	(8.9%)
2nd/[189,244)	9.44	10.34	9.81	10.12	10.15	10.03	9.65	10.06	9.72	10.68	(10.7%)
3rd/[244,273)	9.38	9.99	10.41	10.26	9.15	10.33	10.10	9.80	9.91	10.68	(8.7%)
4th/[273,301)	9.57	9.66	9.63	9.66	10.50	10.32	10.01	10.44	10.25	9.94	(10.7%)
5th/[301,323)	10.17	10.99	9.71	10.07	10.56	9.15	9.74	9.19	9.45	10.96	(10.2%)
6th/[323,342)	9.80	10.06	10.83	9.54	9.14	10.13	9.91	10.94	9.65	9.99	(9.1%)
7th/[342,364)	9.20	9.17	9.49	9.81	10.58	10.64	10.42	9.11	10.48	11.12	(10.5%)
8th/[364,381)	9.97	9.41	10.01	10.44	9.92	9.58	9.92	10.05	9.79	10.91	(7.8%)
9th/[381,415)	9.53	10.75	9.99	9.36	10.14	10.66	9.47	10.23	10.14	9.73	(11.5%)
10th/[415,500]	9.65	9.90	10.05	10.30	10.24	10.21	9.65	10.30	9.76	9.93	(11.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution