Student Growth Percentile Goodness–of–Fit Descriptives
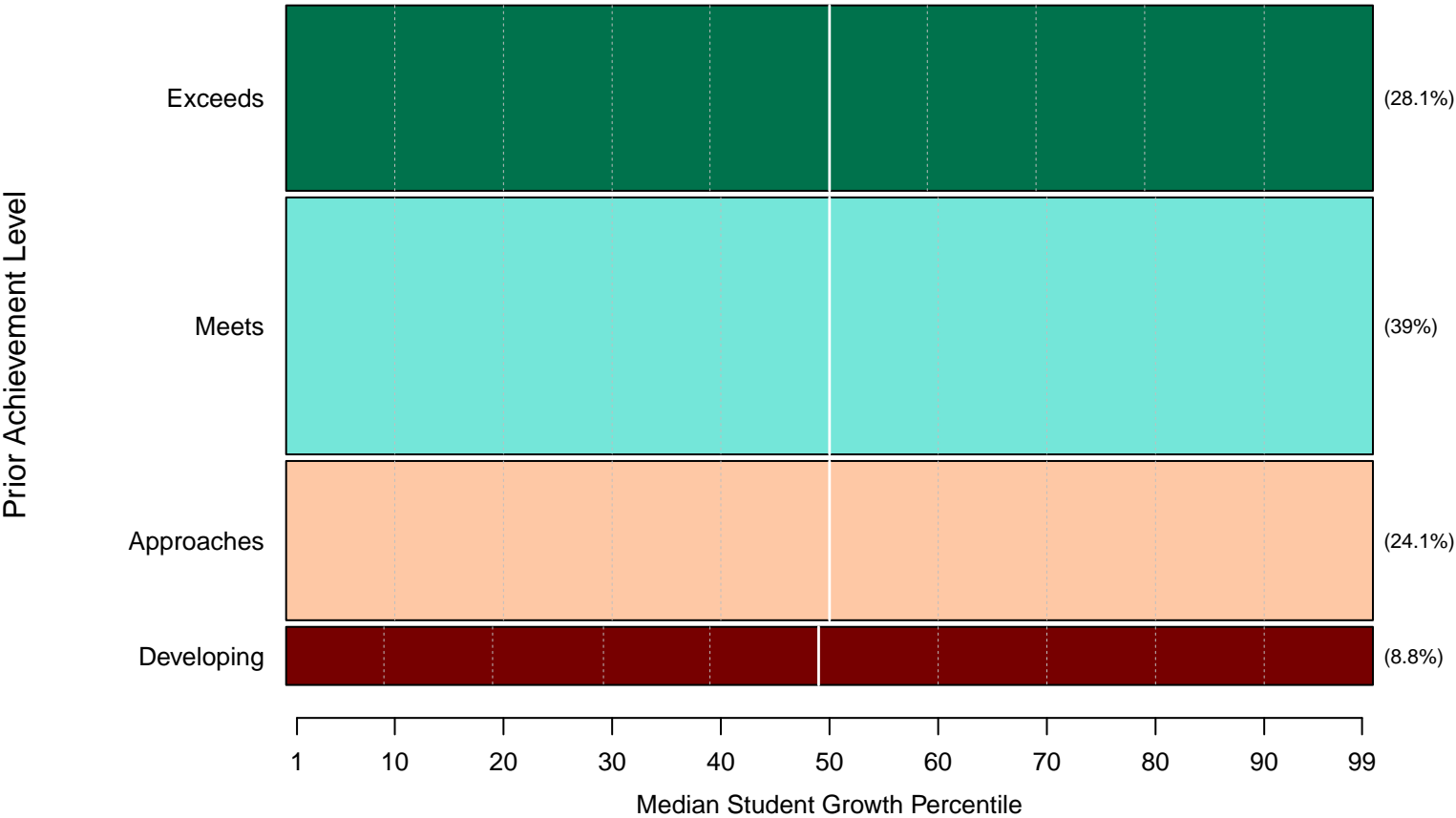## 2008–2009 Mathematics SGP, Grade 5 (N = 30,491)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (28.1%)
- Meets (39%)
- Approaches (24.1%)
- Developing (8.8%)

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/[100,209)	10.24	10.02	9.76	10.13	9.87	9.31	10.09	10.24	9.76	10.58	(8.8%)
2nd/[209,261)	9.32	10.05	9.84	9.81	10.71	10.32	9.63	9.96	9.66	10.71	(10.9%)
3rd/[261,292)	9.37	10.01	9.91	9.88	9.18	10.07	10.51	10.29	10.26	10.51	(10.3%)
4th/[292,315)	9.96	9.89	10.39	10.63	10.06	9.35	10.06	9.65	9.52	10.50	(9.7%)
5th/[315,331)	9.22	10.06	10.15	9.53	10.86	10.94	9.39	9.53	10.32	10.01	(7.4%)
6th/[331,356)	10.13	9.09	9.12	10.08	10.66	9.97	10.93	10.00	10.11	9.91	(11.9%)
7th/[356,374)	8.79	11.33	10.39	10.28	9.22	9.18	9.38	10.00	9.73	11.68	(8.4%)
8th/[374,395)	10.01	9.44	10.69	10.62	9.37	9.60	10.20	9.75	9.71	10.62	(8.7%)
9th/[395,435)	9.46	10.21	9.25	10.34	10.39	10.34	10.32	9.74	9.74	10.21	(12.6%)
10th/[435,500]	10.06	10.35	10.56	10.35	8.84	10.24	9.95	9.95	10.06	9.63	(11.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution