Student Growth Percentile Goodness–of–Fit Descriptives
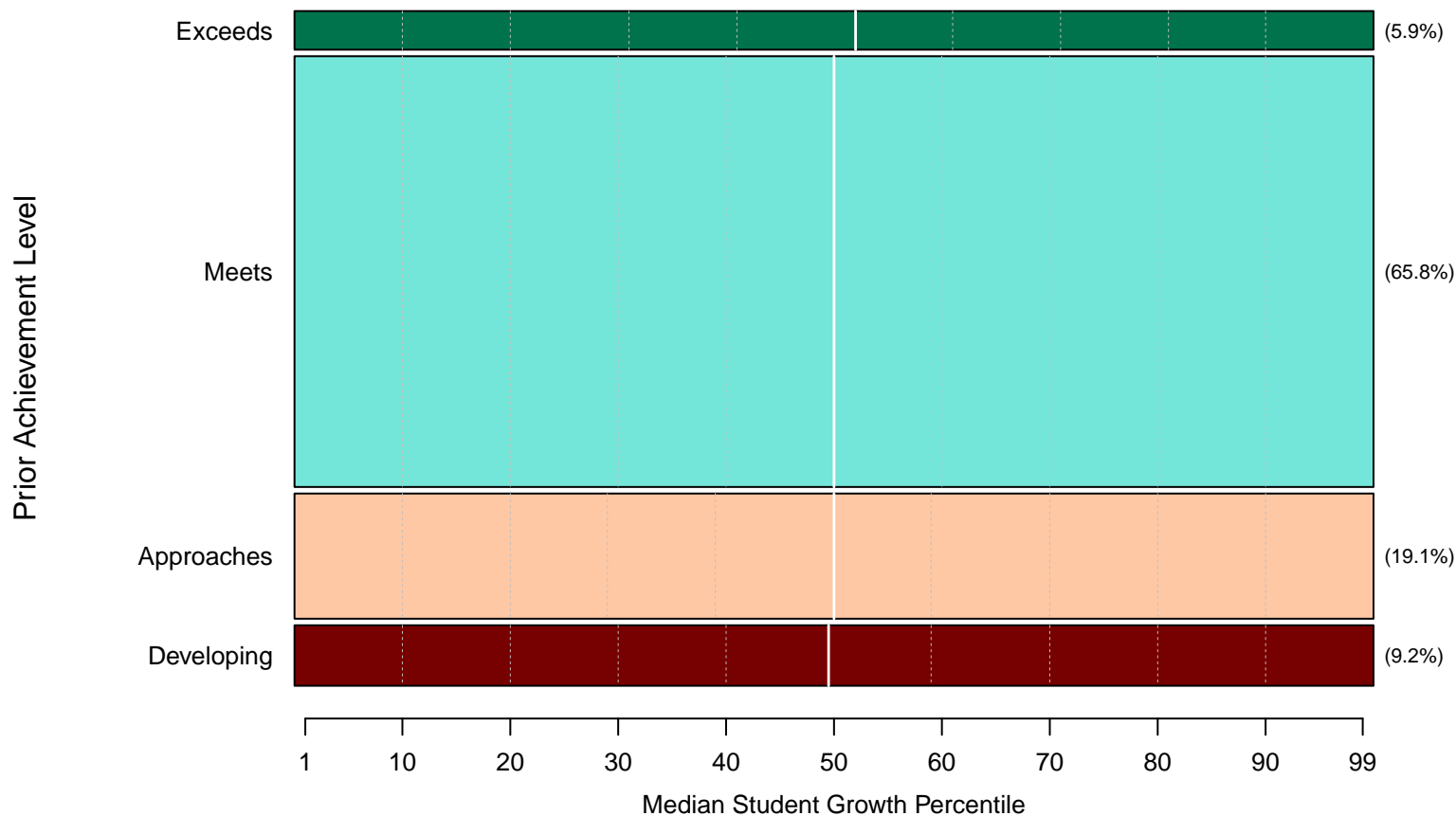## 2011–2012 Mathematics SGP, Grade 7 (N = 30,192)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percentage
Exceeds	(5.9%)
Meets	(65.8%)
Approaches	(19.1%)
Developing	(9.2%)

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/[100,194)	9.54	9.97	10.04	10.26	10.19	10.15	9.40	9.61	10.65	10.19	(9.2%)
2nd/[194,228)	10.49	9.93	11.11	9.71	10.08	9.82	9.31	9.64	9.01	10.89	(9%)
3rd/[228,255)	9.53	9.76	9.56	10.09	9.73	10.55	9.89	10.12	10.58	10.19	(10.1%)
4th/[255,279)	9.42	10.37	9.57	10.26	9.65	10.06	9.71	10.35	9.88	10.72	(11.5%)
5th/[279,295)	9.58	9.85	11.04	9.08	9.85	10.42	10.31	9.12	10.04	10.73	(8.6%)
6th/[295,316)	10.21	9.50	9.47	10.06	10.44	9.71	9.91	9.94	9.88	10.88	(11.3%)
7th/[316,332)	8.71	10.55	9.35	10.16	9.86	9.91	8.58	10.42	10.72	11.74	(7.8%)
8th/[332,360)	9.82	9.77	9.93	10.01	9.42	9.87	10.36	10.25	10.33	10.25	(12.3%)
9th/[360,386)	9.66	9.51	10.07	9.47	10.11	11.23	9.92	9.85	9.74	10.44	(8.9%)
10th/[386,500]	9.38	10.14	9.82	10.40	10.05	9.41	9.90	9.76	10.55	10.61	(11.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100