Student Growth Percentile Goodness−of−Fit Descriptives
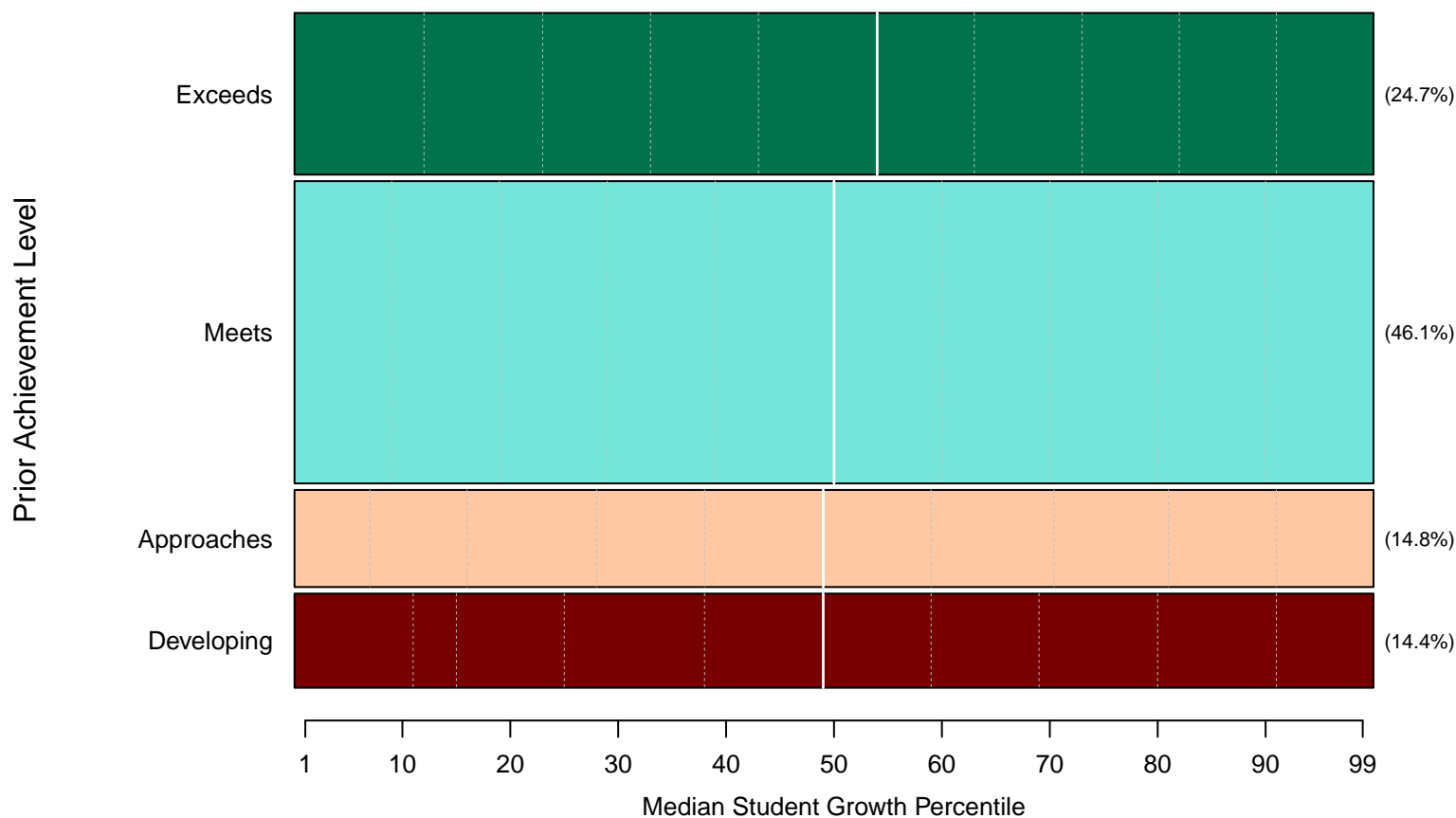
2009−2010 Mathematics SGP, Grade 10 (N = 27,017)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percent
Exceeds	(24.7%)
Meets	(46.1%)
Approaches	(14.8%)
Developing	(14.4%)

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/[100,176)	9.43	15.86	9.54	6.54	8.38	9.97	10.40	9.62	9.51	10.75	(9.5%)
2nd/[176,223)	7.71	13.19	9.70	9.99	11.15	9.46	9.60	8.49	9.02	11.69	(7.6%)
3rd/[223,267)	14.79	7.73	9.73	8.99	9.27	9.52	8.47	10.28	9.36	11.85	(12.1%)
4th/[267,291)	10.06	12.40	10.18	10.39	9.36	8.62	9.53	8.54	9.73	11.17	(9%)
5th/[291,312)	9.37	10.87	9.28	10.66	9.24	10.12	9.16	10.25	9.87	11.17	(8.8%)
6th/[312,337)	11.21	9.82	9.20	10.12	9.53	9.56	10.25	9.53	10.88	9.89	(11.2%)
7th/[337,360)	11.34	9.27	10.07	8.76	9.82	9.96	10.14	10.65	9.67	10.32	(10.2%)
8th/[360,388)	9.07	9.14	10.28	11.22	8.79	10.25	9.07	11.36	10.49	10.32	(10.7%)
9th/[388,421)	7.76	9.26	10.71	9.69	9.61	9.18	10.24	10.12	12.33	11.11	(9.4%)
10th/[421,500]	7.51	8.25	8.83	9.70	9.96	9.60	11.15	11.80	10.44	12.76	(11.5%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution