Student Growth Percentile Goodness–of–Fit Descriptives
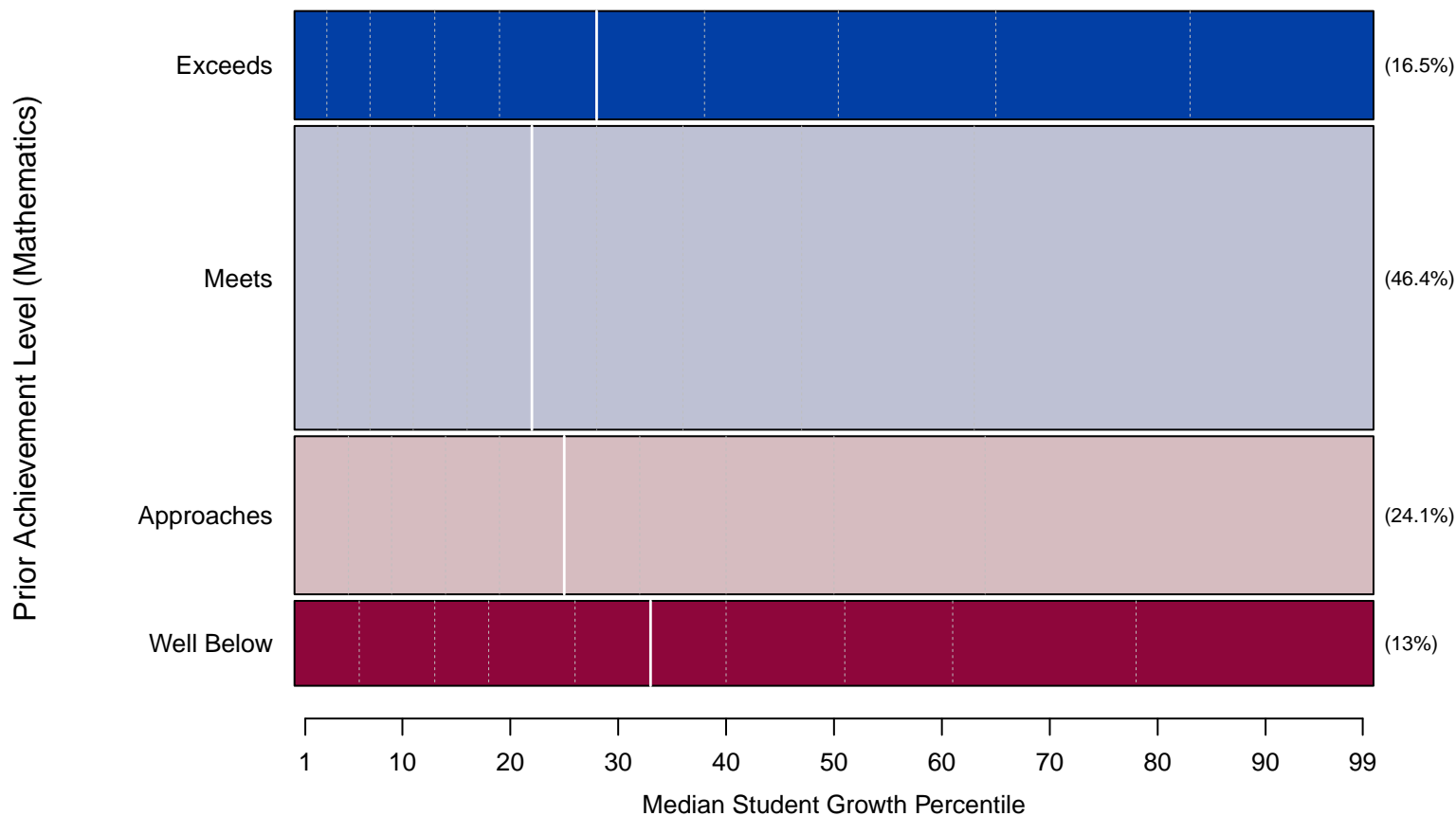## 2014 Mathematics SGP, Grade 10 (N = 9,813)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Exceeds	(16.5%)
Meets	(46.4%)
Approaches	(24.1%)
Well Below	(13%)

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/[193,266)	15.74	16.46	12.76	12.14	9.88	9.36	8.13	7.30	3.70	4.53	(9.9%)
2nd/[266,282)	19.12	17.44	16.18	13.34	10.40	7.04	6.62	3.57	2.52	3.78	(9.7%)
3rd/[282,293)	21.07	17.30	19.60	11.74	9.54	7.44	6.08	3.14	2.41	1.68	(9.7%)
4th/[293,302)	22.64	19.77	16.33	11.94	11.08	6.78	5.16	2.96	2.29	1.05	(10.7%)
5th/[302,309)	23.26	21.82	13.32	11.68	12.91	7.38	2.66	2.87	2.56	1.54	(9.9%)
6th/[309,316)	22.31	22.31	18.65	11.21	9.04	6.29	3.89	2.40	1.95	1.95	(8.9%)
7th/[316,325)	25.79	23.81	16.87	9.13	7.94	6.65	3.37	3.08	2.38	0.99	(10.3%)
8th/[325,337)	27.25	22.61	13.72	11.73	5.49	6.81	3.78	4.07	3.03	1.51	(10.8%)
9th/[337,353)	30.02	18.01	11.59	10.56	5.49	6.21	5.80	4.14	5.18	3.00	(9.8%)
10th/[353,480]	21.45	15.49	11.72	9.83	8.14	7.45	7.05	5.46	6.75	6.65	(10.3%)

*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