Student Growth Percentile Goodness–of–Fit Descriptives
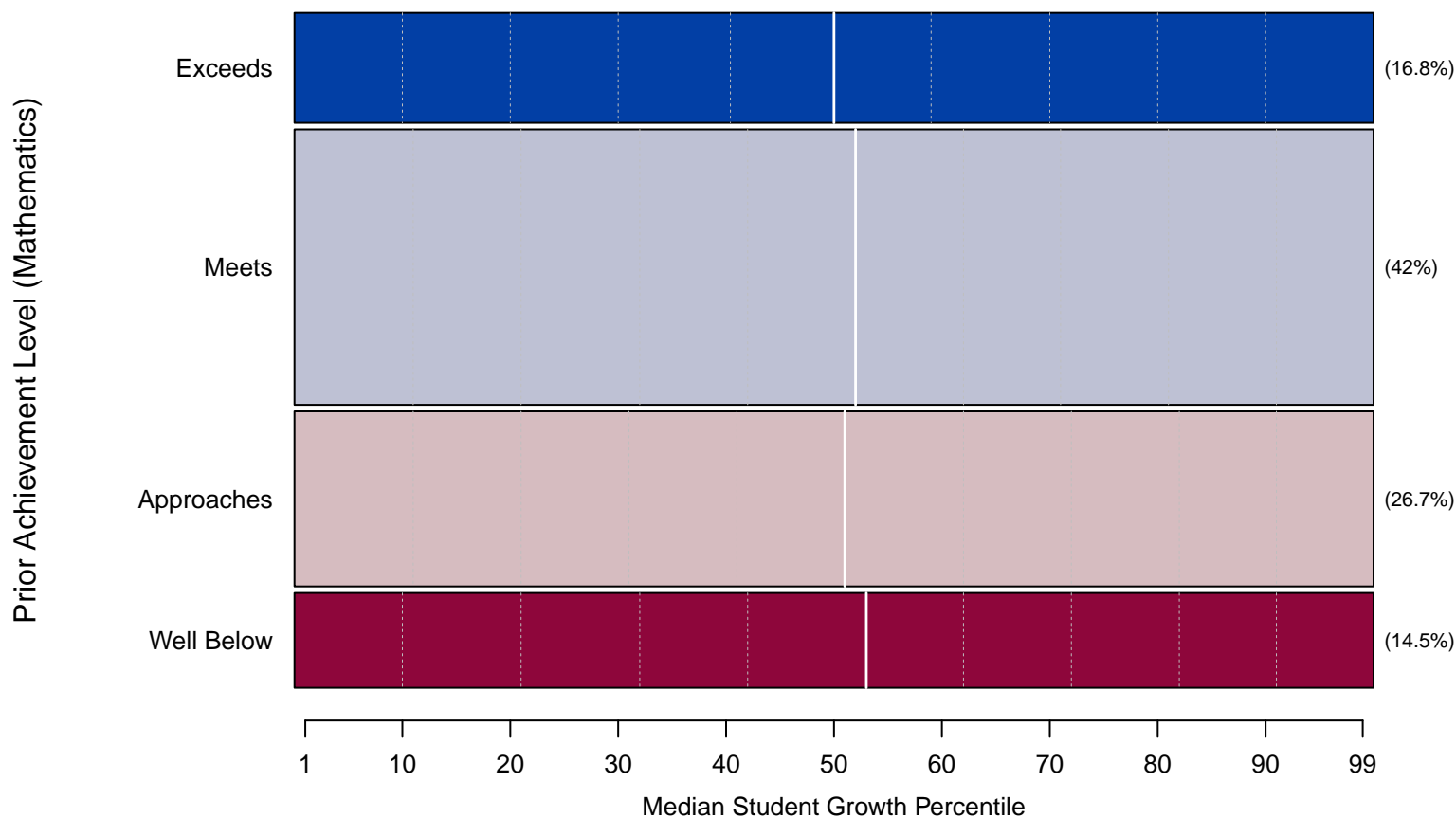## 2014 Mathematics SGP, Grade 7 (N = 11,848)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percent
Exceeds	(16.8%)
Meets	(42%)
Approaches	(26.7%)
Well Below	(14.5%)

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/[178,262)	9.15	9.23	10.02	10.45	9.41	9.76	10.19	9.23	10.63	11.93	(9.7%)
2nd/[262,279)	9.70	9.54	8.88	8.72	10.28	9.95	9.54	10.61	10.86	11.92	(10.3%)
3rd/[279,289)	9.77	8.18	9.12	9.02	9.59	11.47	10.81	9.87	10.06	12.12	(9%)
4th/[289,299)	8.14	10.06	10.83	10.60	9.98	8.53	9.91	9.75	10.14	12.06	(11%)
5th/[299,306)	9.24	10.75	9.41	9.68	10.04	9.50	10.21	10.12	10.48	10.57	(9.5%)
6th/[306,314)	9.19	7.89	8.95	10.58	10.66	11.39	10.09	10.01	10.09	11.15	(10.4%)
7th/[314,323)	8.80	8.38	9.90	10.58	9.14	10.74	9.90	10.66	9.98	11.93	(10%)
8th/[323,335)	7.67	10.08	9.75	9.08	10.42	8.75	10.50	10.33	11.08	12.33	(10.1%)
9th/[335,353)	10.74	10.14	9.29	8.95	10.66	9.72	9.89	9.63	10.57	10.40	(9.9%)
10th/[353,490]	9.27	9.85	9.69	10.43	10.02	10.35	9.85	10.26	9.44	10.84	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution