Student Growth Percentile Goodness–of–Fit Descriptives
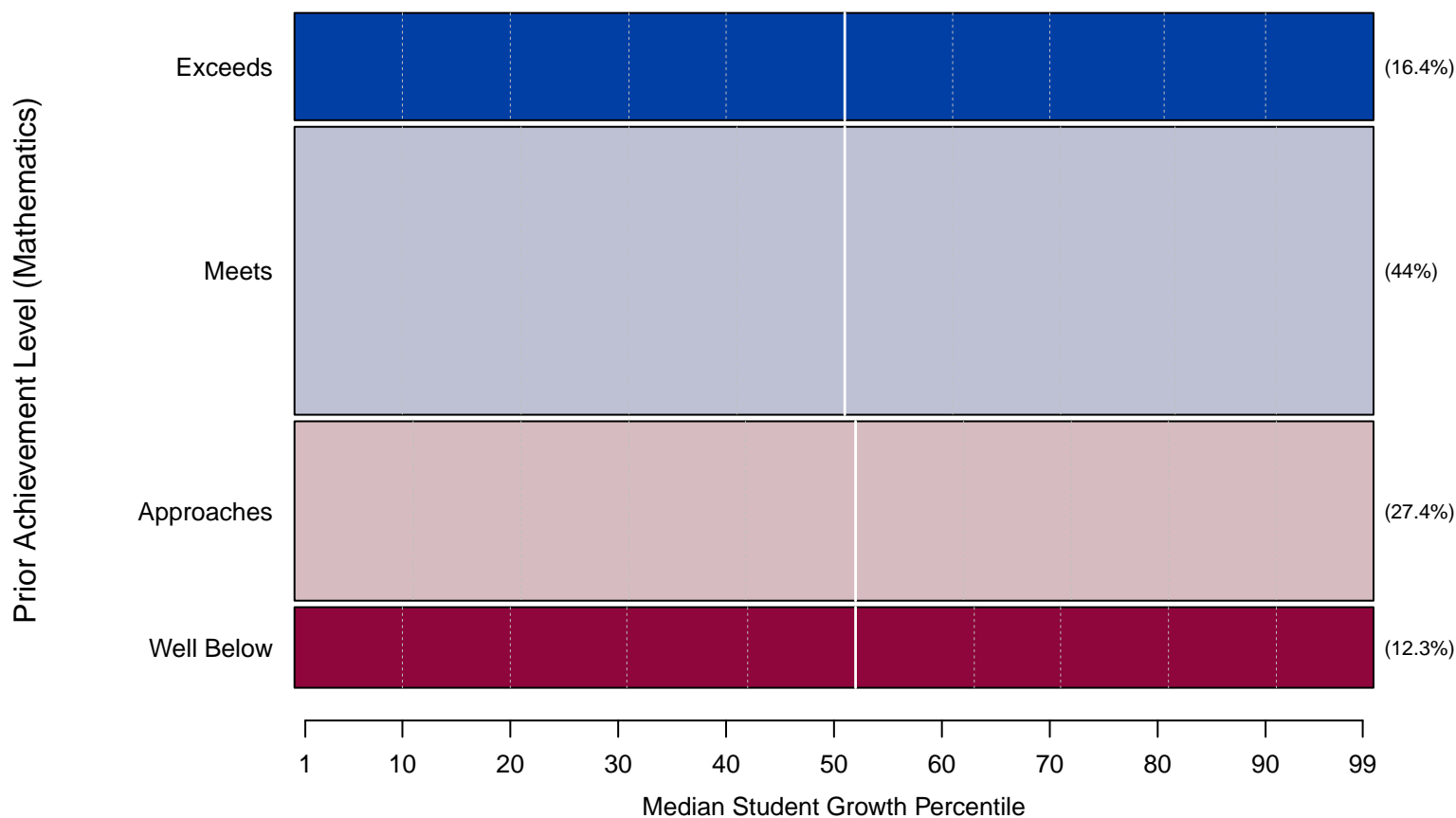## 2014 Mathematics SGP, Grade 6 (N = 12,906)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Exceeds (16.4%)
- Meets (44%)
- Approaches (27.4%)
- Well Below (12.3%)

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/[195,264)	9.84	10.40	9.52	9.44	9.60	9.21	10.56	9.84	10.24	11.35	(9.8%)
2nd/[264,280)	8.29	9.21	10.36	9.52	10.74	9.52	9.67	9.82	10.67	12.20	(10.1%)
3rd/[280,290)	8.93	9.17	8.85	10.32	9.25	9.17	10.97	10.48	11.06	11.79	(9.5%)
4th/[290,300)	8.98	9.81	10.18	9.21	10.03	10.18	10.18	10.70	9.13	11.60	(10.4%)
5th/[300,307)	9.49	9.33	10.07	10.39	9.57	9.41	9.74	9.98	11.13	10.88	(9.5%)
6th/[307,315)	9.22	9.58	9.29	9.58	9.36	9.58	11.01	10.08	11.01	11.29	(10.8%)
7th/[315,323)	8.84	9.40	10.44	9.16	11.31	10.12	9.72	9.24	9.48	12.27	(9.7%)
8th/[323,333)	9.07	10.53	8.99	9.88	9.31	10.28	8.83	11.34	10.04	11.74	(9.6%)
9th/[333,350)	9.82	9.53	9.75	10.34	10.41	9.16	10.70	9.02	10.04	11.22	(10.6%)
10th/[350,472]	9.15	9.53	9.76	10.22	9.53	10.60	10.22	9.76	10.60	10.60	(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