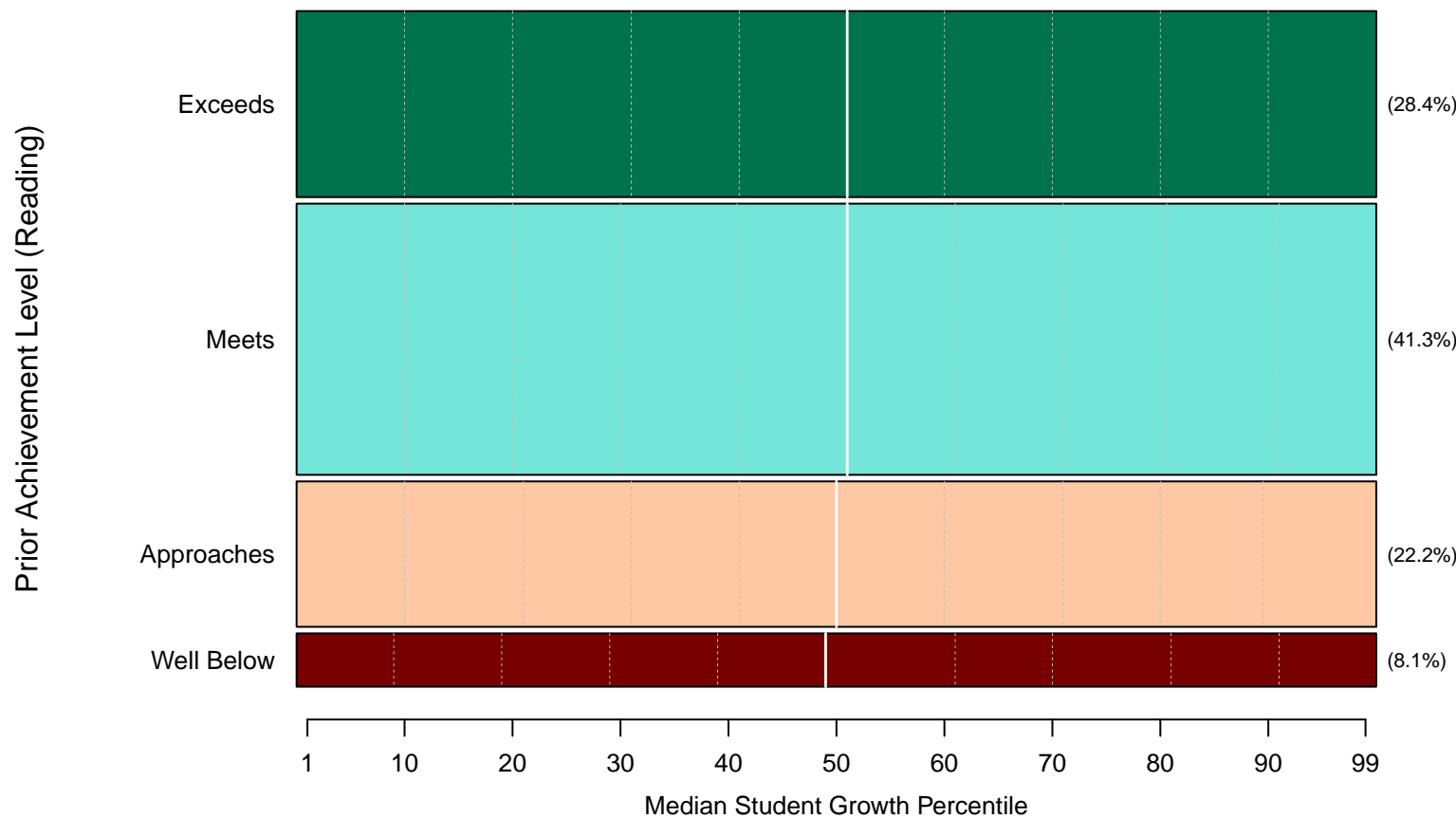# Student Growth Percentile Goodness–of–Fit Descriptives

2013 Reading SGP, Grade 10 (N = 9,634)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Exceeds (28.4%)
- Meets (41.3%)
- Approaches (22.2%)
- Well Below (8.1%)

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/[210,276)	10.42	9.88	9.13	10.53	10.10	10.10	9.67	8.81	10.10	11.28	(9.7%)
2nd/[276,289)	9.08	9.92	10.44	10.02	10.65	8.66	9.39	11.38	8.98	11.48	(9.9%)
3rd/[289,299)	9.10	9.32	9.32	9.53	10.29	9.32	10.83	10.73	12.57	8.99	(9.6%)
4th/[299,306)	11.14	9.83	8.81	9.32	9.02	9.63	11.04	10.44	9.63	11.14	(10.2%)
5th/[306,313)	9.75	10.25	9.95	9.75	11.34	9.75	8.36	10.95	9.85	10.05	(10.4%)
6th/[313,320)	8.61	10.24	9.59	10.13	9.59	10.24	9.04	10.02	10.68	11.87	(9.5%)
7th/[320,328)	9.38	9.18	9.48	9.90	10.21	10.31	11.24	10.31	9.59	10.41	(10.1%)
8th/[328,339)	10.27	10.07	8.36	11.08	9.06	9.87	10.37	10.27	10.57	10.07	(10.3%)
9th/[339,354)	8.69	10.47	9.53	9.42	10.47	10.68	10.05	8.48	10.26	11.94	(9.9%)
10th/[354,460]	9.05	11.17	9.46	9.76	10.06	10.76	10.76	10.06	9.96	8.95	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution