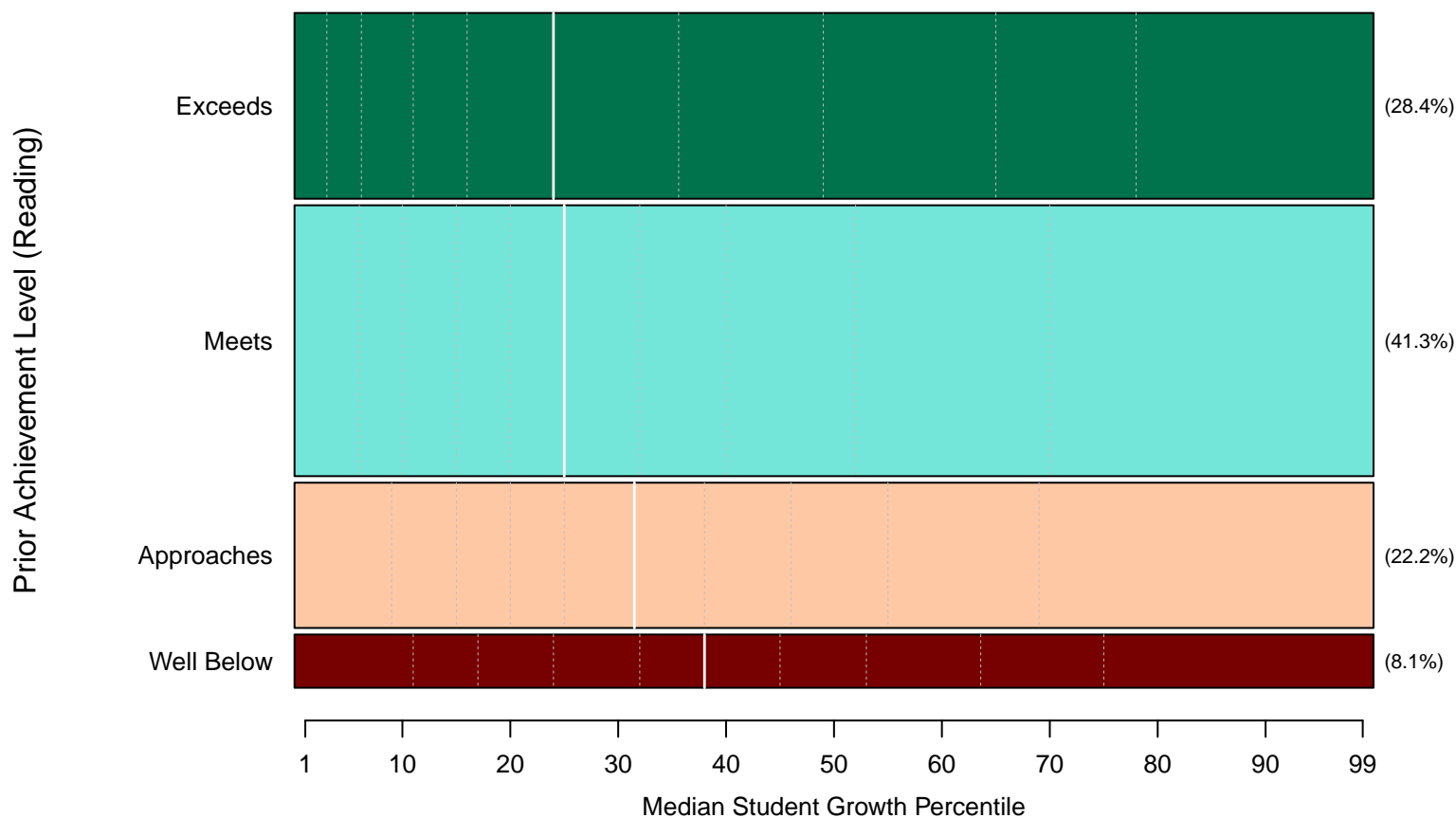# Student Growth Percentile Goodness–of–Fit Descriptives
2013 Reading SGP, Grade 10 (N = 9,634)

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: 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/[210,276)	8.06	14.82	15.47	16.43	11.71	10.96	9.02	5.91	4.51	3.11	(9.7%)
2nd/[276,289)	10.02	18.16	16.39	16.28	11.69	8.56	7.31	5.74	3.34	2.51	(9.9%)
3rd/[289,299)	11.48	18.31	15.28	16.25	13.54	9.86	6.61	4.44	2.28	1.95	(9.6%)
4th/[299,306)	14.59	16.82	17.83	14.49	10.94	8.41	6.79	4.96	3.14	2.03	(10.2%)
5th/[306,313)	15.02	22.19	19.20	12.64	9.95	7.56	4.68	3.88	2.69	2.19	(10.4%)
6th/[313,320)	17.76	25.16	16.67	11.22	6.97	5.77	5.01	4.90	2.40	4.14	(9.5%)
7th/[320,328)	23.20	22.78	15.26	11.55	6.19	6.49	4.23	3.61	3.51	3.20	(10.1%)
8th/[328,339)	27.39	21.55	13.60	7.65	6.34	6.14	5.74	5.24	2.92	3.42	(10.3%)
9th/[339,354)	29.21	18.12	10.58	6.28	7.12	5.76	5.24	9.11	4.29	4.29	(9.9%)
10th/[354,460]	25.55	14.49	9.66	7.44	7.55	7.85	6.54	8.35	6.14	6.44	(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