Student Growth Percentile Goodness–of–Fit Descriptives
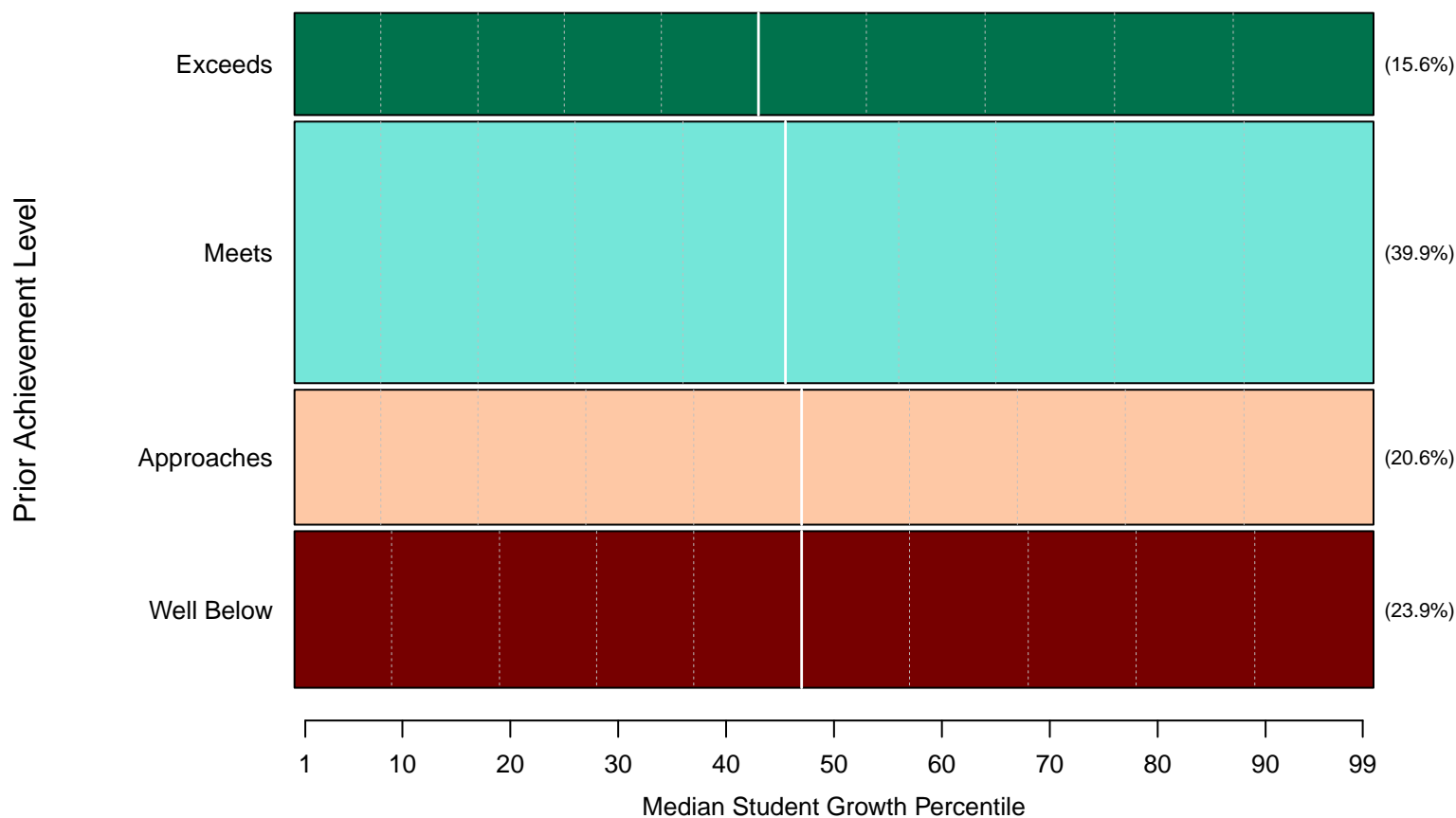## 2009 Reading SGP, Grade 7 (N = 11,621)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (y-axis): Exceeds (15.6%), Meets (39.9%), Approaches (20.6%), Well Below (23.9%)

Median Student Growth Percentile (x-axis): 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/[115,255)	10.10	9.31	10.50	11.68	9.90	10.69	9.31	9.41	8.81	10.30	(8.7%)
2nd/[255,273)	11.08	10.83	11.08	10.50	9.07	9.66	9.32	10.33	8.98	9.15	(10.2%)
3rd/[273,286)	11.13	9.54	10.13	9.71	10.71	10.88	9.29	9.37	9.46	9.79	(10.3%)
4th/[286,295)	12.04	11.30	10.83	9.06	9.90	10.36	10.74	9.43	8.31	8.03	(9.2%)
5th/[295,304)	11.95	11.21	10.29	10.11	10.39	10.20	9.74	9.38	8.64	8.09	(9.4%)
6th/[304,314)	10.98	11.51	10.46	10.54	9.05	9.84	9.31	9.31	9.14	9.84	(9.8%)
7th/[314,323)	11.34	11.58	10.47	10.63	11.02	8.25	10.86	8.56	9.20	8.09	(10.9%)
8th/[323,335)	12.26	10.83	10.83	9.85	9.22	12.09	8.33	10.03	6.89	9.67	(9.6%)
9th/[335,347)	12.79	12.05	10.95	10.40	10.03	9.75	9.29	9.02	6.90	8.83	(9.4%)
10th/[347,457]	11.55	11.83	12.03	10.32	10.46	9.23	9.91	8.54	8.75	7.38	(12.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (top x-axis): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution (y-axis): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100