Student Growth Percentile Goodness–of–Fit Descriptives
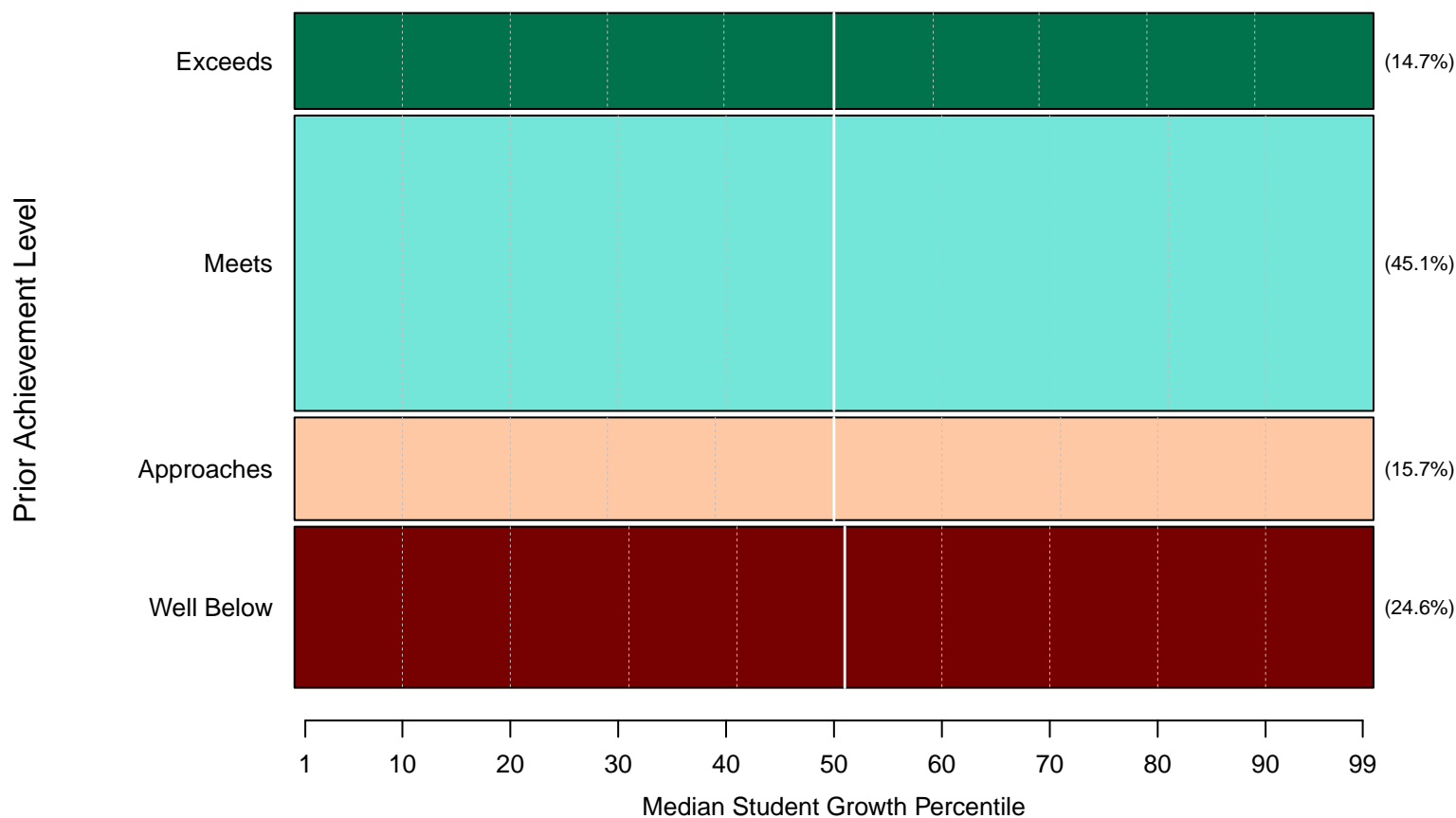## 2010 Reading SGP, Grade 6 (N = 12,099)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (14.7%)
- Meets (45.1%)
- Approaches (15.7%)
- Well Below (24.6%)

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/[119,255)	10.49	10.03	10.58	10.12	9.56	10.40	9.94	9.66	8.64	10.58	(8.9%)
2nd/[255,275)	9.24	9.68	9.50	8.88	9.33	9.95	10.21	10.57	10.83	11.81	(9.3%)
3rd/[275,290)	9.25	9.70	9.55	10.30	10.60	10.98	9.85	9.77	9.77	10.23	(11%)
4th/[290,299)	9.50	10.24	10.03	10.77	9.71	8.03	9.29	10.45	10.24	11.72	(7.8%)
5th/[299,310)	9.59	11.27	10.13	9.52	9.79	9.93	9.46	9.66	10.06	10.60	(12.3%)
6th/[310,319)	9.62	9.78	9.31	9.78	9.31	11.67	10.41	9.31	10.73	10.09	(10.5%)
7th/[319,326)	9.27	9.04	10.78	11.36	10.78	8.92	9.97	10.43	9.73	9.73	(7.1%)
8th/[326,337)	9.85	10.30	8.96	9.33	10.22	10.22	9.70	10.37	9.93	11.12	(11.1%)
9th/[337,352)	8.90	10.60	9.60	8.67	10.68	9.75	10.22	9.91	10.76	10.91	(10.7%)
10th/[352,438]	10.40	9.74	10.04	10.70	9.38	10.04	10.33	9.96	9.67	9.74	(11.3%)

*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