Student Growth Percentile Goodness–of–Fit Descriptives
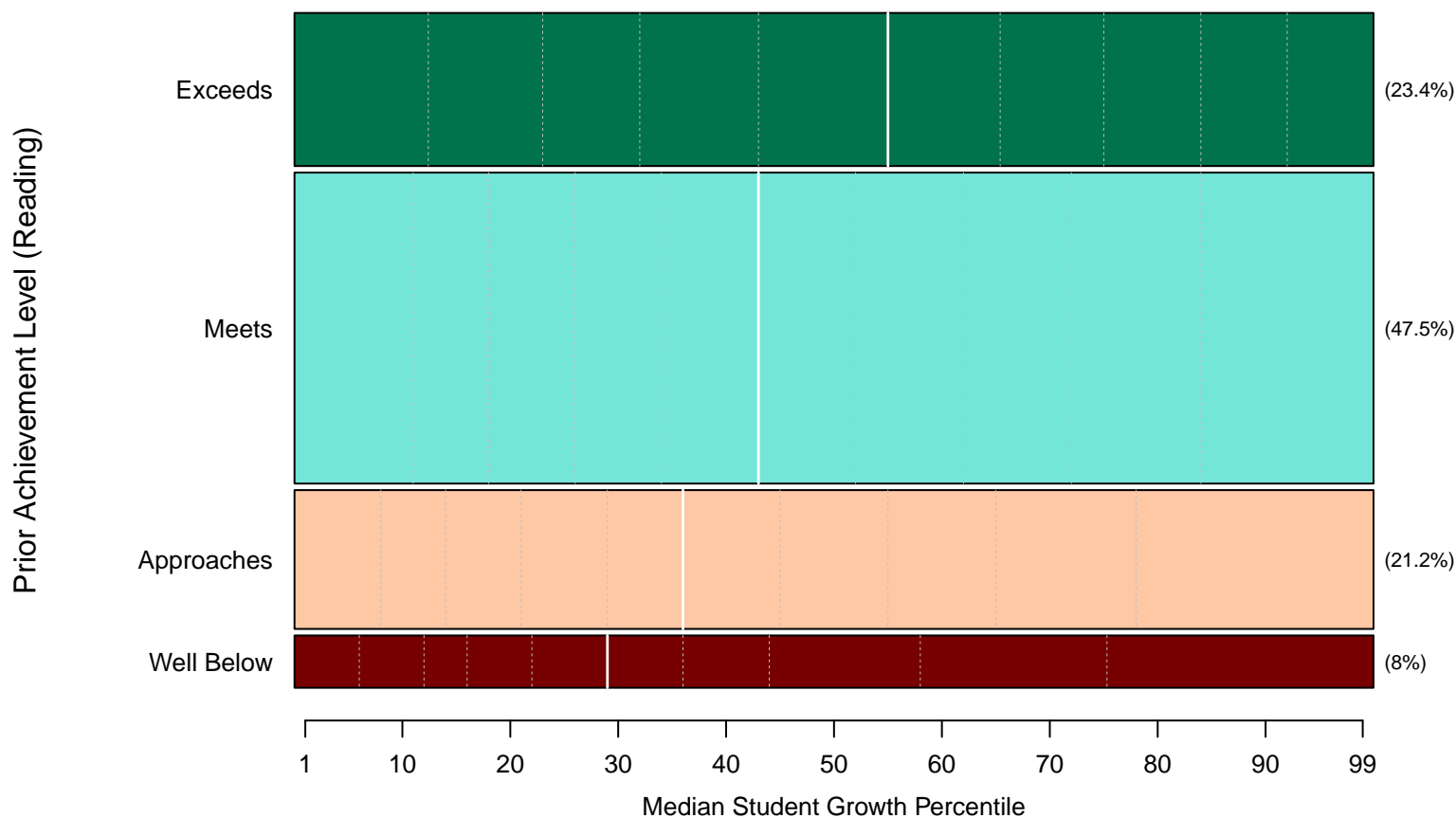## 2013 Reading SGP, Grade 8 (N = 11,876)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Exceeds (23.4%)
- Meets (47.5%)
- Approaches (21.2%)
- Well Below (8%)

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/[218,274)	16.86	18.39	15.76	12.20	10.93	6.95	6.27	5.17	4.24	3.22	(9.9%)
2nd/[274,289)	13.42	15.89	13.97	13.61	9.32	9.77	9.32	5.02	5.84	3.84	(9.2%)
3rd/[289,300)	12.36	12.78	11.77	14.13	11.27	11.02	10.68	7.15	5.05	3.78	(10%)
4th/[300,308)	8.70	13.84	10.85	14.33	11.85	10.11	9.78	9.11	6.71	4.72	(10.2%)
5th/[308,315)	9.31	14.54	13.39	13.83	10.55	10.90	8.60	7.36	6.56	4.96	(9.5%)
6th/[315,322)	6.93	13.86	11.01	12.82	11.61	11.27	9.53	9.45	7.71	5.81	(9.7%)
7th/[322,330)	8.42	13.65	13.41	10.55	8.99	12.35	9.48	8.42	8.09	6.62	(10.3%)
8th/[330,339)	7.67	12.40	12.17	9.15	10.47	8.91	10.78	11.09	8.76	8.60	(10.9%)
9th/[339,352)	9.30	11.06	10.13	10.72	8.71	9.55	9.72	11.22	8.29	11.31	(10.1%)
10th/[352,455]	5.18	7.57	8.80	9.21	8.39	8.88	9.46	12.50	12.09	17.93	(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