Student Growth Percentile Goodness–of–Fit Descriptives
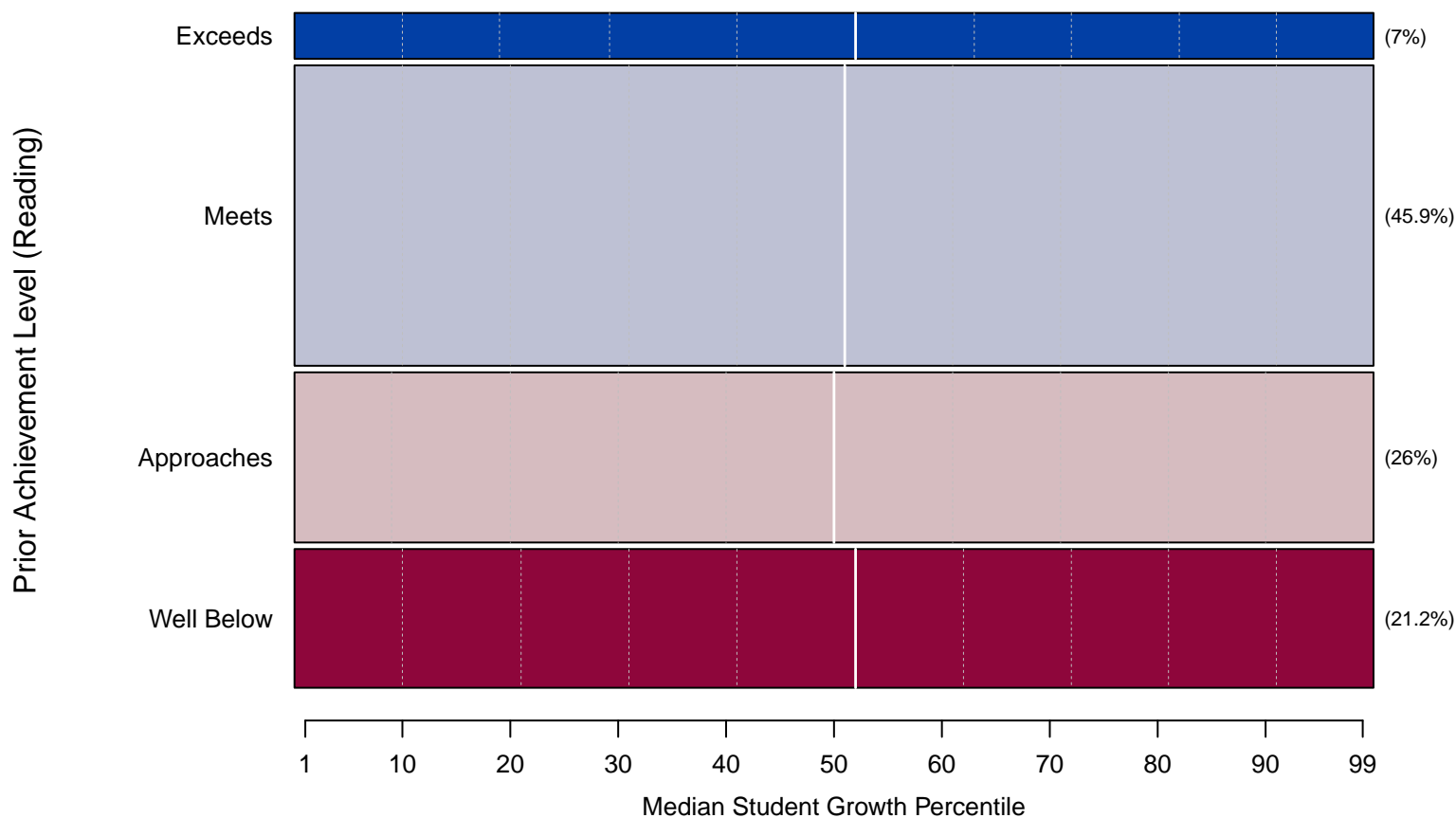## 2015 Reading SGP, Grade 8 (N = 11,212)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Exceeds (7%)
- Meets (45.9%)
- Approaches (26%)
- Well Below (21.2%)

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/[173,276)	10.02	10.55	9.21	8.32	9.75	10.20	9.75	9.30	10.47	12.43	(10%)
2nd/[276,291)	9.35	9.07	10.16	10.34	9.62	9.62	9.53	10.53	10.07	11.71	(9.8%)
3rd/[291,301)	9.23	9.23	8.66	10.73	9.13	9.79	9.98	10.83	10.36	12.05	(9.5%)
4th/[301,309)	9.79	10.26	9.89	9.14	10.73	9.24	10.73	9.70	9.79	10.73	(9.6%)
5th/[309,317)	10.02	8.78	10.34	9.69	9.28	9.77	9.85	9.28	11.00	11.99	(10.9%)
6th/[317,324)	8.47	9.26	9.56	9.76	10.76	10.56	10.26	10.06	10.36	10.96	(9%)
7th/[324,332)	9.31	11.24	9.40	10.40	9.48	10.32	9.06	10.65	9.56	10.57	(10.6%)
8th/[332,341)	8.39	9.01	9.89	10.42	8.92	10.25	10.87	10.16	11.75	10.34	(10.1%)
9th/[341,355)	11.60	9.41	10.00	9.58	9.66	8.24	10.00	9.75	9.50	12.27	(10.6%)
10th/[355,461)	9.80	10.07	9.36	9.89	10.52	10.78	9.89	9.71	9.80	10.16	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution