Student Growth Percentile Goodness–of–Fit Descriptives
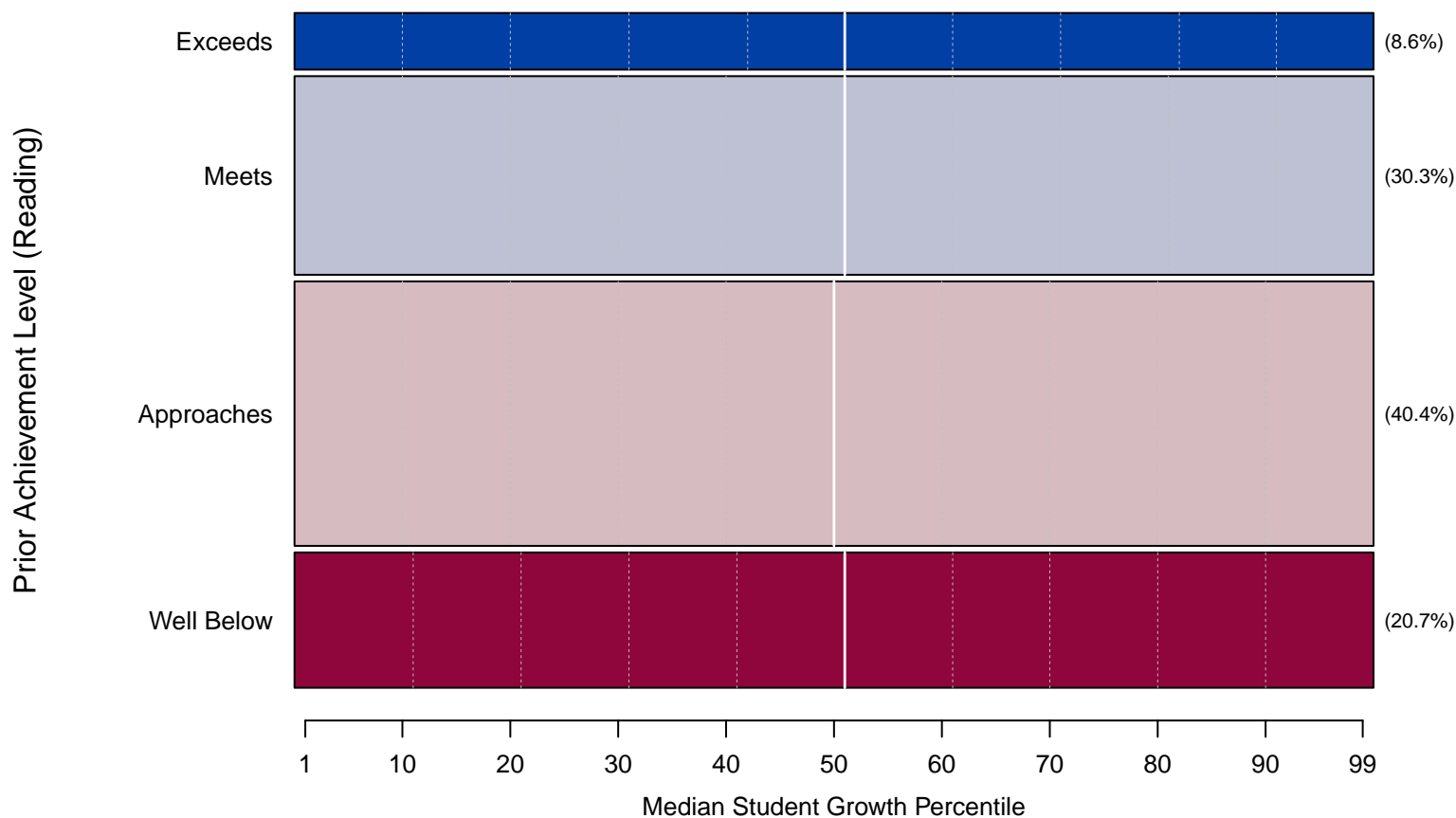## 2015 Reading SGP, Grade 5 (N = 13,357)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Exceeds	(8.6%)
Meets	(30.3%)
Approaches	(40.4%)
Well Below	(20.7%)

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/[222,273)	9.25	9.49	10.03	9.25	10.19	9.95	10.03	10.11	10.89	10.81	(9.6%)
2nd/[273,288)	9.49	10.09	10.17	9.79	9.49	9.11	9.41	10.69	10.32	11.45	(9.9%)
3rd/[288,300)	8.23	9.31	9.38	10.77	10.85	11.15	10.69	9.38	9.69	10.54	(9.7%)
4th/[300,309)	10.00	10.08	11.07	9.69	9.16	9.39	9.16	10.92	9.69	10.84	(9.8%)
5th/[309,317)	9.20	10.29	9.06	9.13	10.29	9.86	9.57	9.57	12.10	10.94	(10.3%)
6th/[317,325)	9.34	9.85	10.15	10.29	9.04	10.15	10.44	9.78	8.38	12.57	(10.2%)
7th/[325,333)	9.53	8.03	10.20	10.43	11.03	10.95	10.28	9.45	9.08	11.03	(10%)
8th/[333,342)	9.71	11.74	9.10	10.46	9.78	8.88	10.31	10.84	10.46	8.73	(9.9%)
9th/[342,355)	10.15	8.98	9.42	10.00	10.29	10.95	9.27	9.56	11.17	10.22	(10.3%)
10th/[355,450]	8.89	10.43	10.80	9.85	9.77	9.55	10.14	9.63	9.11	11.83	(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