Student Growth Percentile Goodness–of–Fit Descriptives
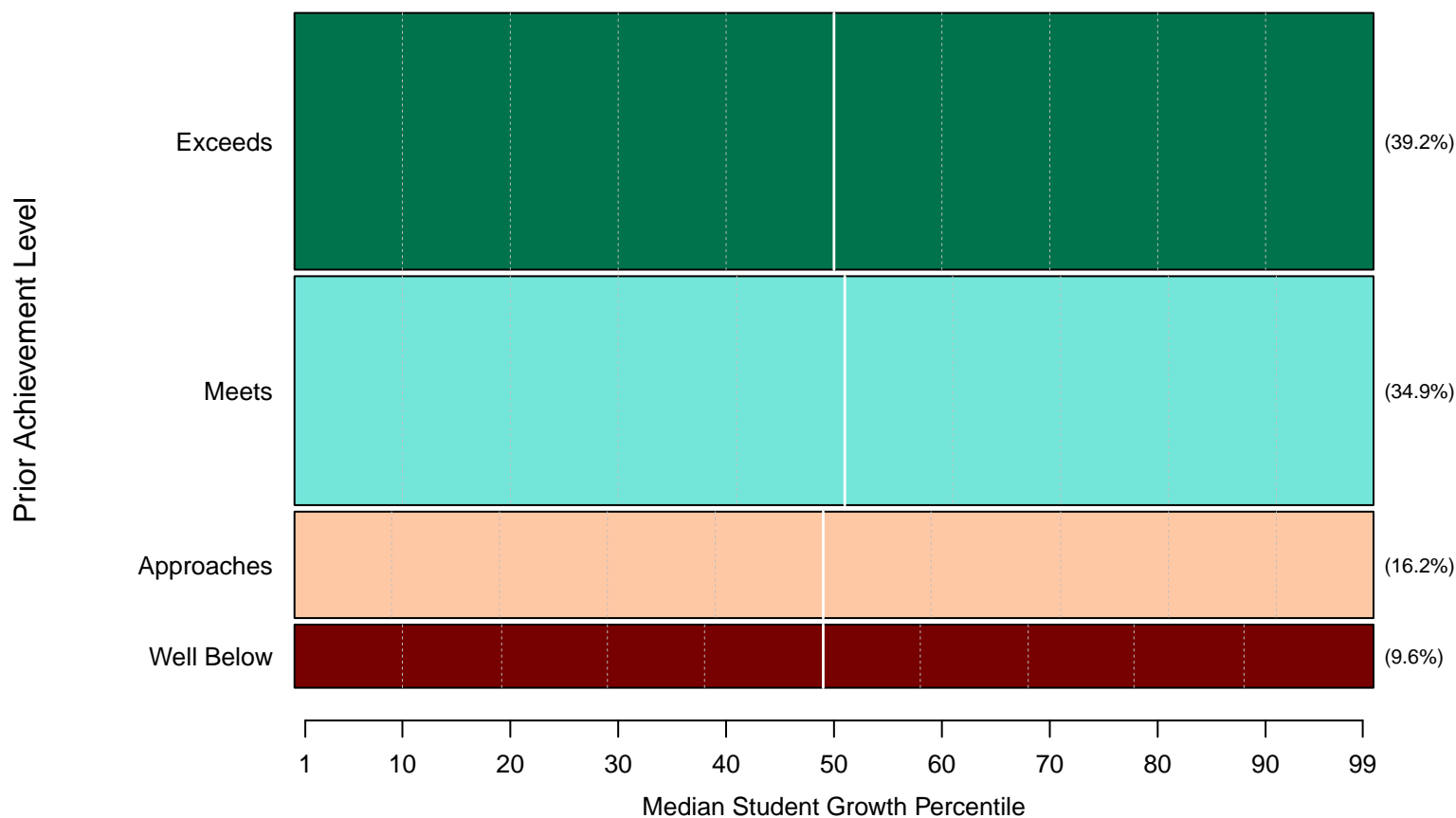
2011 Reading SGP, Grade 8 (N = 11,643)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (39.2%)
- Meets (34.9%)
- Approaches (16.2%)
- Well Below (9.6%)

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/[122,272)	9.36	10.70	10.25	11.05	9.45	10.34	10.96	10.16	8.65	9.09	(9.6%)
2nd/[272,292)	10.78	9.74	10.43	9.48	10.43	9.22	8.53	9.74	10.60	11.03	(10%)
3rd/[292,303)	9.22	9.82	10.32	9.62	9.22	10.52	9.22	11.22	10.02	10.82	(8.6%)
4th/[303,315)	9.85	10.37	10.03	10.11	9.42	9.51	10.63	10.03	9.59	10.46	(9.9%)
5th/[315,323)	10.40	9.26	8.32	10.02	11.25	8.22	11.25	10.30	9.36	11.63	(9.1%)
6th/[323,333)	8.54	10.28	11.32	8.80	8.97	10.80	8.97	10.71	10.89	10.71	(9.9%)
7th/[333,344)	10.04	10.34	8.25	9.75	10.42	11.17	9.97	9.30	9.00	11.77	(11.5%)
8th/[344,353)	8.98	9.30	11.44	9.20	9.84	8.34	10.37	11.55	10.59	10.37	(8%)
9th/[353,369)	9.76	8.81	10.39	10.54	9.91	9.91	9.83	9.83	9.91	11.09	(10.9%)
10th/[369,462]	10.41	10.55	9.86	10.00	9.59	10.07	10.00	10.21	9.38	9.93	(12.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution