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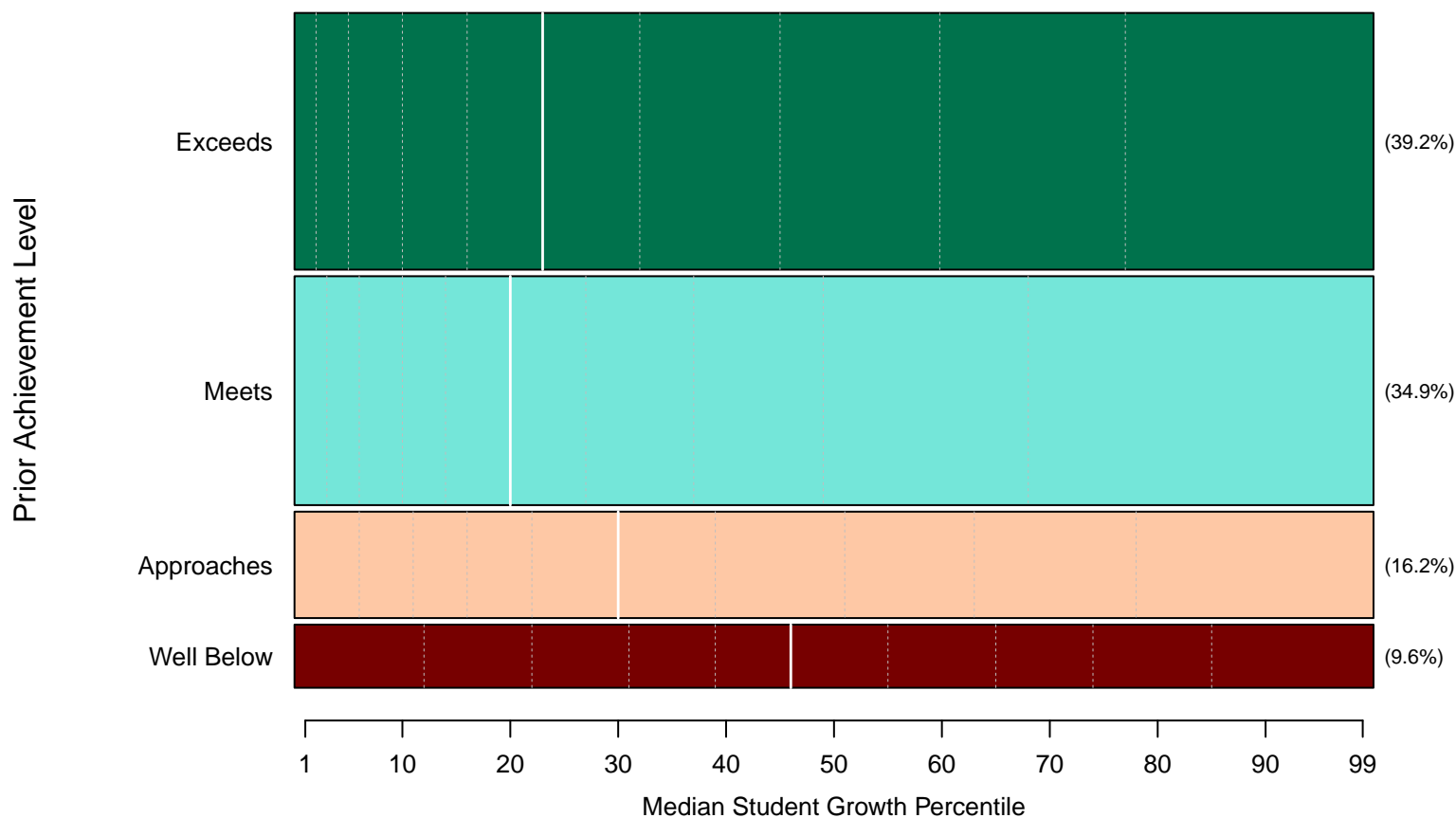
2011 Reading SGP, Grade 8 (N = 11,643)

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

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)	8.02	9.45	9.80	13.81	13.46	9.63	10.25	11.59	7.40	6.60	(9.6%)
2nd/[272,292)	15.78	17.93	13.62	10.17	9.05	9.48	8.02	5.95	5.86	4.14	(10%)
3rd/[292,303)	20.14	18.54	14.03	11.12	8.82	7.92	6.41	6.31	3.11	3.61	(8.6%)
4th/[303,315)	26.45	20.22	13.48	11.06	7.87	6.22	4.67	4.93	2.59	2.51	(9.9%)
5th/[315,323)	28.73	22.02	12.95	10.11	7.56	4.63	4.91	3.97	3.02	2.08	(9.1%)
6th/[323,333)	32.49	18.99	13.85	8.54	8.62	6.71	3.48	2.44	2.44	2.44	(9.9%)
7th/[333,344)	34.26	18.67	14.02	7.50	5.85	6.15	3.97	4.42	3.45	1.72	(11.5%)
8th/[344,353)	33.58	16.47	12.51	8.45	6.52	5.67	5.03	4.81	4.06	2.89	(8%)
9th/[353,369)	30.29	17.55	10.15	9.91	7.47	5.74	4.56	5.74	4.80	3.78	(10.9%)
10th/[369,462]	22.12	15.62	10.62	8.63	7.81	7.53	7.74	6.99	6.23	6.71	(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