Student Growth Percentile Goodness–of–Fit Descriptives
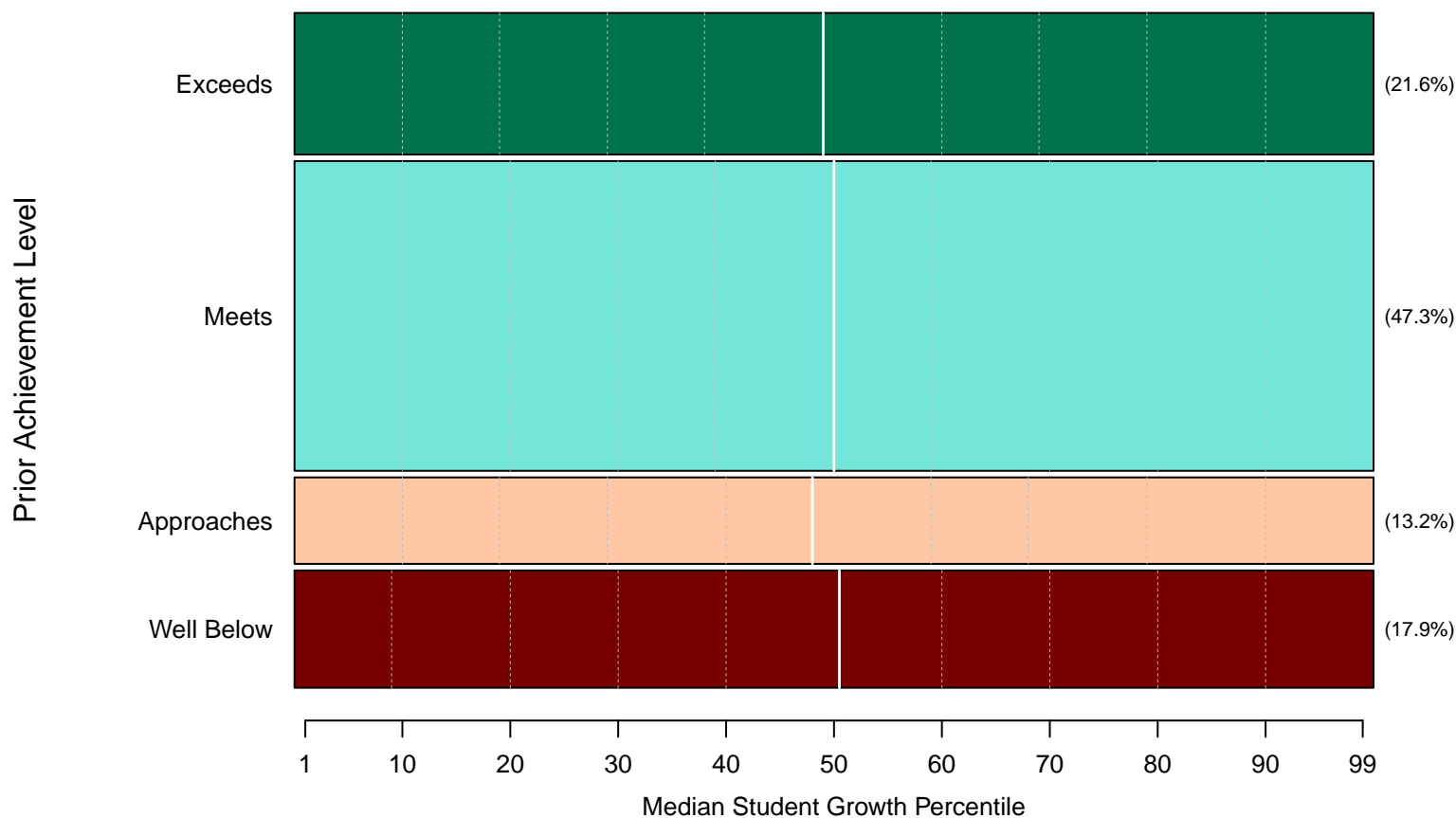## 2010 Reading SGP, Grade 10 (N = 9,941)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Exceeds	(21.6%)
Meets	(47.3%)
Approaches	(13.2%)
Well Below	(17.9%)

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/[122,269)	10.06	9.94	8.80	10.74	9.14	11.09	9.37	9.71	11.43	9.71	(8.8%)
2nd/[269,286)	10.06	9.39	10.61	10.28	9.61	9.83	8.73	10.94	9.39	11.16	(9.1%)
3rd/[286,298)	8.80	12.14	10.42	7.27	14.91	8.60	11.28	8.03	7.93	10.61	(10.5%)
4th/[298,307)	10.09	10.20	8.74	13.94	4.99	11.24	8.53	11.55	11.13	9.57	(9.7%)
5th/[307,316)	10.34	8.86	10.86	6.69	12.51	9.82	11.56	8.69	11.12	9.56	(11.6%)
6th/[316,323)	8.55	9.40	9.28	12.77	7.95	9.88	11.57	9.52	8.55	12.53	(8.3%)
7th/[323,330)	8.72	11.14	11.99	7.75	12.83	9.08	6.54	12.11	10.90	8.96	(8.3%)
8th/[330,341)	9.84	11.01	9.17	12.09	8.09	12.18	9.09	9.26	9.01	10.26	(12.1%)
9th/[341,355)	11.56	9.25	11.26	9.15	11.86	6.43	11.86	10.85	7.34	10.45	(10%)
10th/[355,435]	8.50	11.80	8.67	10.32	10.06	10.15	10.58	9.80	10.06	10.06	(11.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution