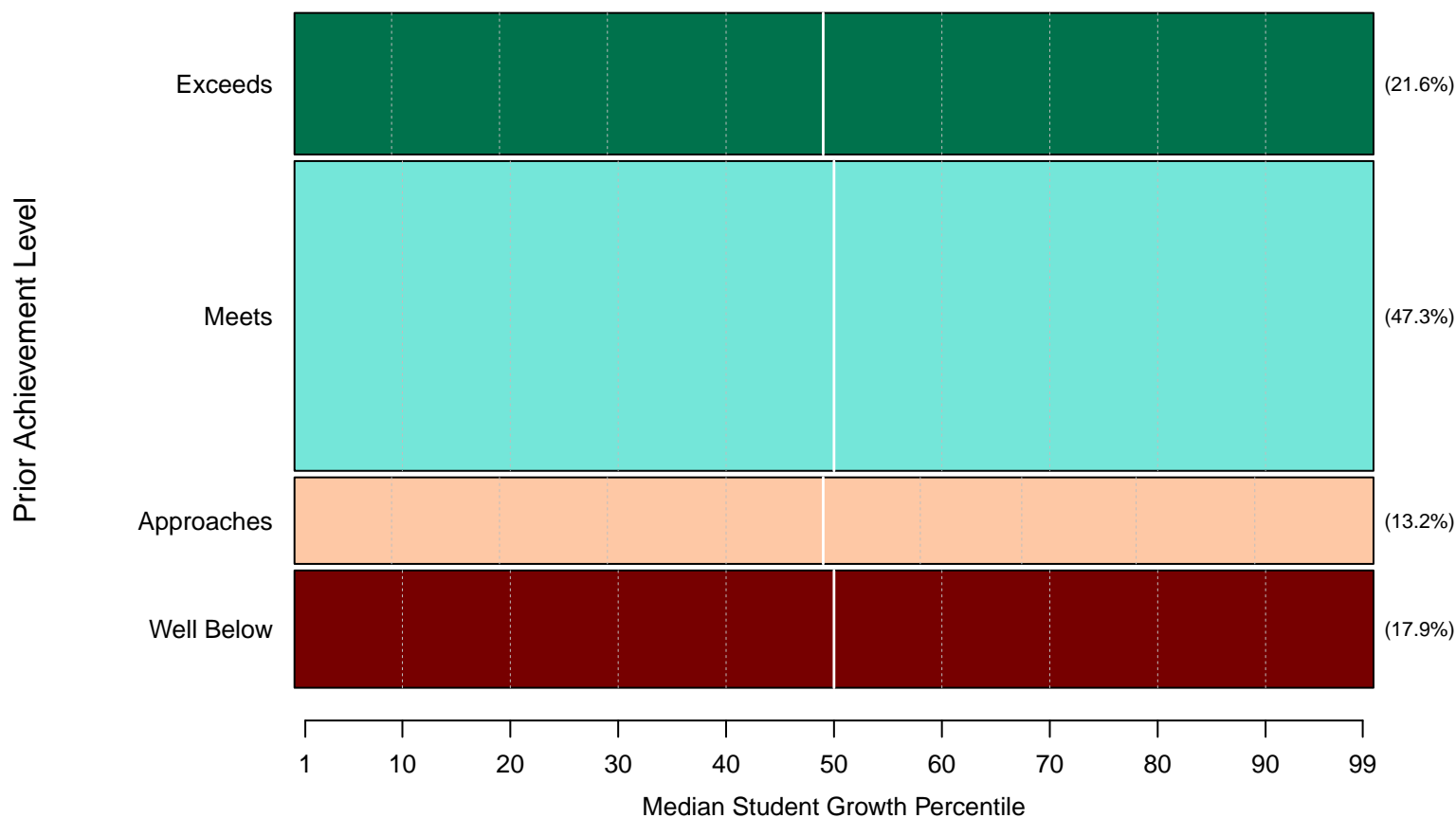# Student Growth Percentile Goodness–of–Fit Descriptives
2010 Reading SGP, Grade 10 (N = 9,941)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

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

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/[122,269)	9.03	9.71	10.29	9.71	9.14	10.63	9.71	10.29	10.97	10.51	(8.8%)
2nd/[269,286)	9.61	10.72	9.50	11.16	9.83	9.94	9.28	9.72	9.39	10.83	(9.1%)
3rd/[286,298)	10.80	9.85	9.85	7.93	12.81	10.61	10.80	9.56	8.13	9.66	(10.5%)
4th/[298,307)	9.26	9.68	10.82	10.51	8.74	8.64	10.09	9.89	11.97	10.41	(9.7%)
5th/[307,316)	9.99	9.64	9.73	11.03	9.47	10.51	9.30	10.17	9.82	10.34	(11.6%)
6th/[316,323)	9.04	11.08	8.92	9.40	10.36	9.16	10.48	9.28	9.76	12.53	(8.3%)
7th/[323,330)	9.44	9.81	10.05	10.17	9.69	11.02	9.69	11.14	10.65	8.35	(8.3%)
8th/[330,341)	9.84	9.26	10.84	10.09	10.51	10.51	9.92	9.42	9.51	10.09	(12.1%)
9th/[341,355)	11.66	10.45	8.34	10.35	10.25	8.84	9.25	10.25	10.35	10.25	(10%)
10th/[355,435]	8.85	10.06	11.36	8.93	10.49	10.23	10.41	9.37	9.97	10.32	(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