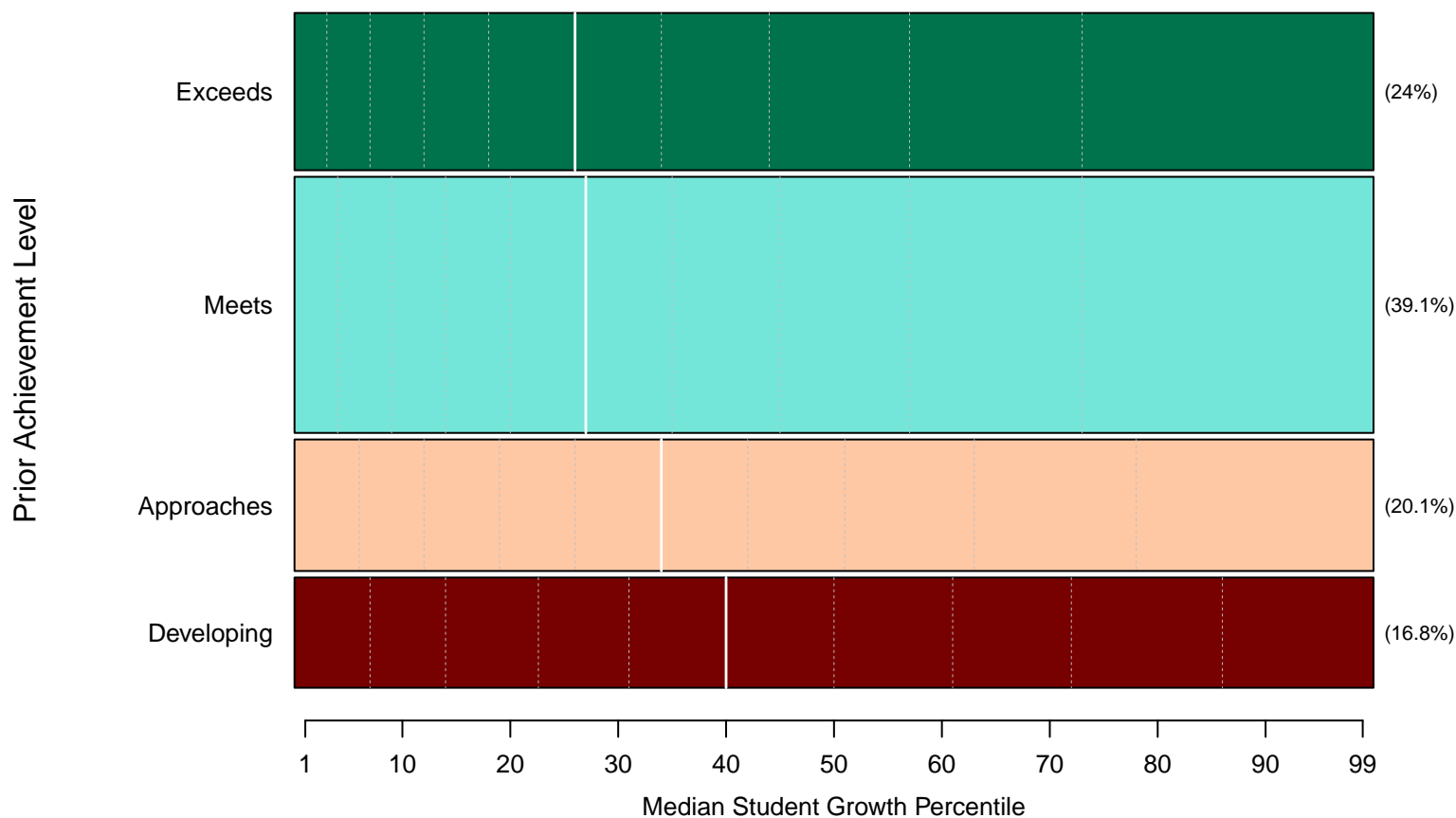# Student Growth Percentile Goodness–of–Fit Descriptives
2011–2012 Reading SGP, Grade 6 (N = 30,212)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percent
Exceeds	(24%)
Meets	(39.1%)
Approaches	(20.1%)
Developing	(16.8%)

Median Student Growth Percentile (1 10 20 30 40 50 60 70 80 90 99)

Student Growth Percentile Range

Prior Scale Score Decile/Range *

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/[100,216)	14.37	10.74	10.78	11.19	10.78	9.53	9.07	7.60	8.05	7.90	(8.8%)
2nd/[216,259)	13.17	14.92	12.57	11.63	10.69	8.98	8.08	7.74	6.40	5.80	(9.9%)
3rd/[259,286)	15.09	14.60	13.73	11.02	10.99	9.74	7.41	7.27	6.61	3.55	(9.5%)
4th/[286,307)	17.25	15.36	14.26	12.33	12.07	7.94	7.49	6.24	4.31	2.76	(8.8%)
5th/[307,329)	19.21	16.23	14.32	12.13	10.13	7.91	6.56	5.77	4.66	3.08	(11.3%)
6th/[329,345)	21.18	17.96	13.03	11.75	10.43	6.79	6.36	5.47	4.62	2.40	(8.5%)
7th/[345,363)	21.84	18.16	13.97	11.51	10.12	7.28	6.14	5.06	3.85	2.08	(9.5%)
8th/[363,384)	24.68	17.63	12.99	12.04	8.46	6.96	6.34	5.46	3.27	2.18	(9.7%)
9th/[384,425)	24.47	18.14	13.00	10.74	9.11	6.94	5.99	5.11	3.36	3.14	(13.6%)
10th/[425,500]	23.39	16.71	13.25	11.53	8.74	7.21	6.48	5.50	4.00	3.18	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution