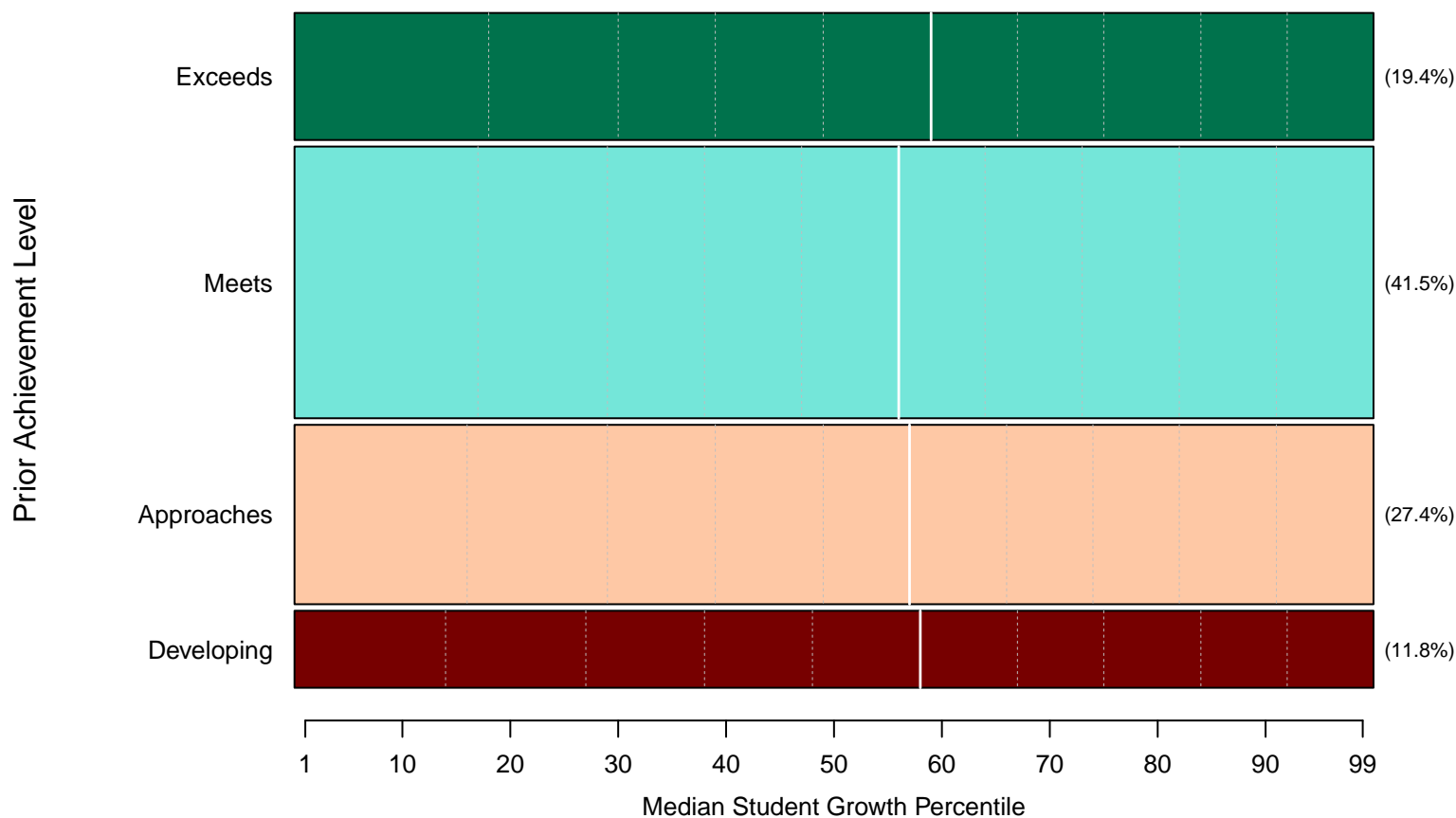# Student Growth Percentile Goodness–of–Fit Descriptives
2008–2009 Reading SGP, Grade 7 (N = 29,944)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Exceeds	(19.4%)
Meets	(41.5%)
Approaches	(27.4%)
Developing	(11.8%)

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/[100,189)	8.00	5.94	8.37	9.83	9.45	10.99	11.17	11.51	11.70	13.04	(8.9%)
2nd/[189,244)	5.89	7.32	8.03	9.47	10.03	10.68	11.59	12.30	11.87	12.83	(10.7%)
3rd/[244,273)	5.82	6.97	7.65	10.03	11.06	10.83	11.63	11.67	12.17	12.17	(8.7%)
4th/[273,301)	4.82	6.74	8.02	9.63	11.06	12.37	12.43	11.87	11.90	11.16	(10.7%)
5th/[301,323)	5.54	7.09	9.06	10.33	11.42	11.55	11.75	10.43	10.70	12.14	(10.2%)
6th/[323,342)	5.08	7.11	9.32	10.54	10.57	11.39	11.35	12.75	11.27	10.61	(9.1%)
7th/[342,364)	4.79	6.42	8.85	10.22	11.09	11.18	13.19	10.77	11.31	12.17	(10.5%)
8th/[364,381)	4.92	6.93	9.07	11.55	10.78	10.31	11.89	10.91	11.68	11.98	(7.8%)
9th/[381,415)	4.13	7.21	9.76	11.10	10.02	12.03	11.01	12.06	11.42	11.27	(11.5%)
10th/[415,500]	4.33	6.61	8.02	10.58	10.02	10.35	12.21	13.20	11.51	13.17	(11.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution