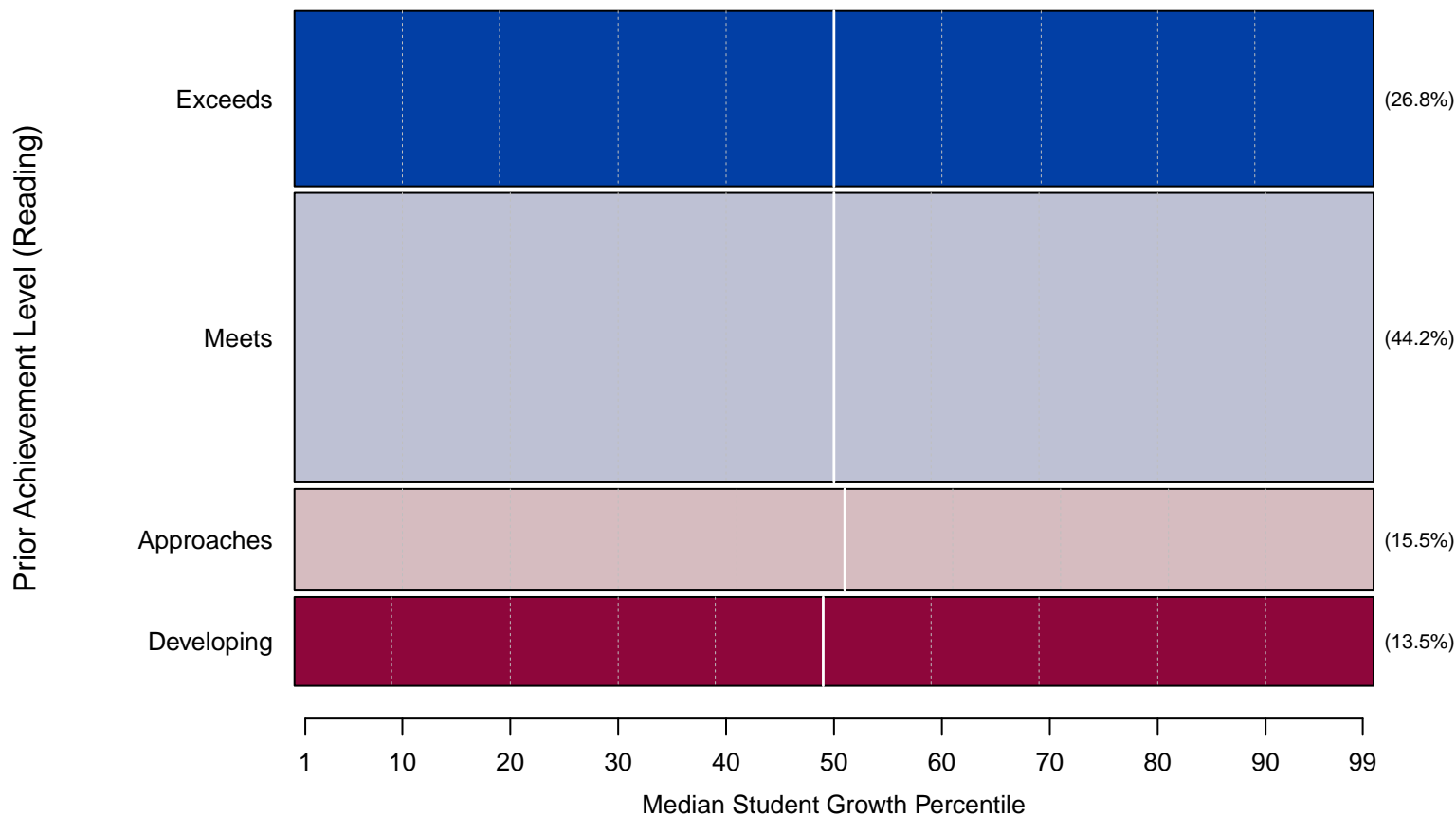# Student Growth Percentile Goodness–of–Fit Descriptives
2013–2014 Reading SGP, Grade 5 (N = 28,949)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Exceeds (26.8%)
- Meets (44.2%)
- Approaches (15.5%)
- Developing (13.5%)

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/[100,236)	10.84	9.38	10.34	10.45	10.06	9.95	10.06	9.42	9.20	10.31	(9.7%)
2nd/[236,276)	8.55	10.39	9.86	9.68	10.22	9.61	9.72	10.43	10.75	10.78	(9.7%)
3rd/[276,303)	9.68	9.68	9.50	9.58	9.11	10.48	10.48	10.44	10.12	10.94	(9.6%)
4th/[303,321)	10.11	10.24	10.94	11.33	10.07	9.76	9.37	9.23	9.76	9.19	(7.9%)
5th/[321,341)	9.70	10.00	9.57	9.51	10.82	10.10	9.54	10.30	9.57	10.89	(10.5%)
6th/[341,357)	9.02	9.91	10.25	10.17	9.91	9.76	10.92	9.65	10.06	10.36	(9.3%)
7th/[357,377)	9.12	9.95	10.37	9.60	9.21	10.24	10.59	9.60	10.56	10.75	(10.8%)
8th/[377,402)	10.01	10.41	10.67	9.35	10.24	10.35	9.03	9.20	11.01	9.75	(12%)
9th/[402,418)	9.96	10.73	7.80	9.79	10.79	10.02	11.08	10.02	9.55	10.26	(5.9%)
10th/[418,500]	9.38	10.17	10.14	10.21	10.00	9.76	10.52	9.95	9.93	9.93	(14.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100