Student Growth Percentile Goodness–of–Fit Descriptives
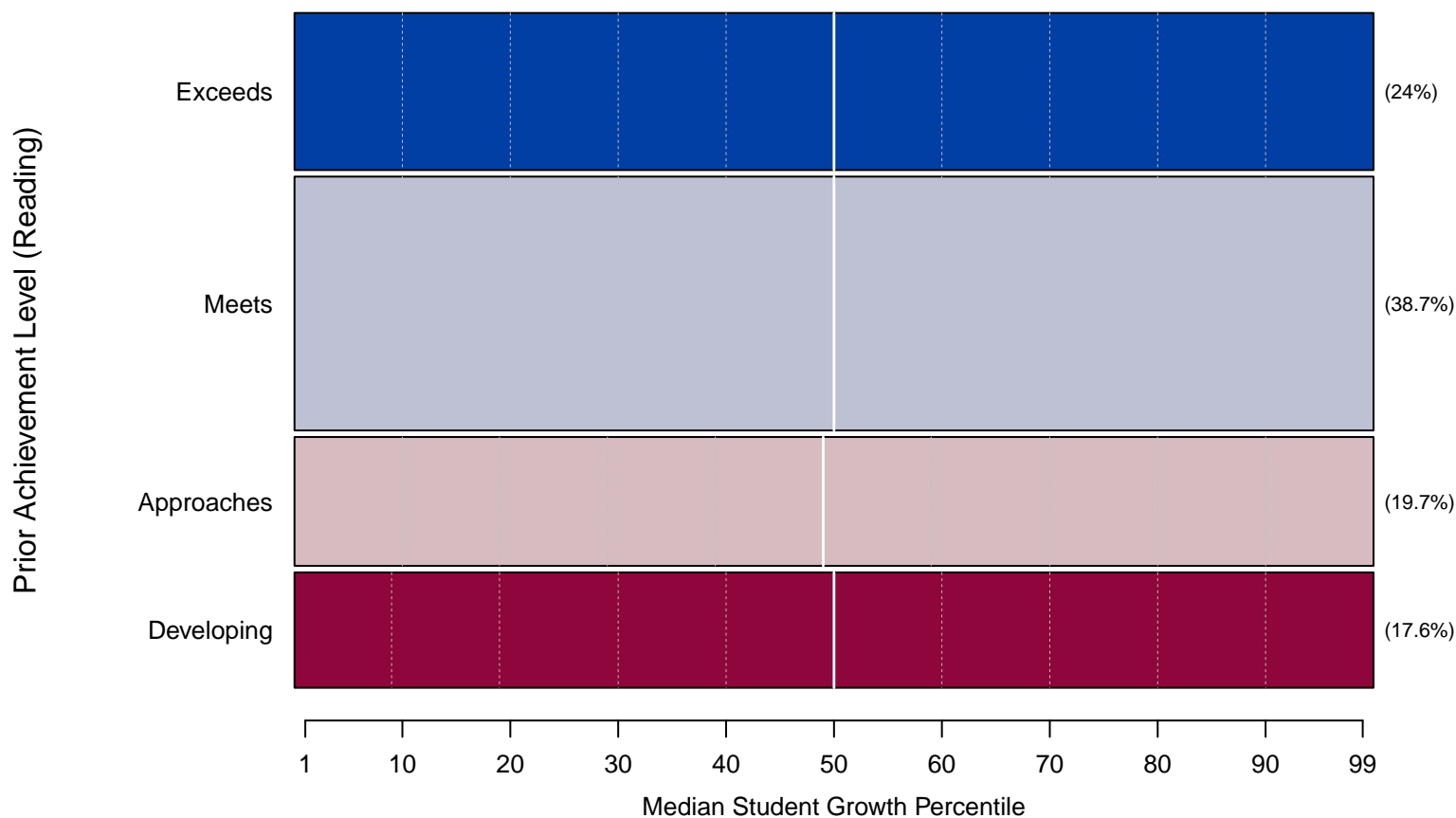
2013–2014 Reading SGP, Grade 8 (N = 28,859)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Exceeds (24%)
- Meets (38.7%)
- Approaches (19.7%)
- Developing (17.6%)

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/[100,215)	10.01	10.31	9.94	9.52	9.86	9.79	9.94	10.31	10.16	10.16	(9.2%)
2nd/[215,256)	10.00	9.62	9.48	10.24	9.58	10.10	9.89	9.82	9.38	11.89	(10.1%)
3rd/[256,283)	9.81	10.15	10.28	10.38	10.48	9.40	9.16	9.54	10.65	10.15	(10.2%)
4th/[283,300)	10.35	10.57	9.95	9.81	9.50	10.39	9.32	9.68	8.83	11.60	(7.7%)
5th/[300,324)	9.63	9.68	10.11	10.77	9.54	10.14	9.54	9.51	10.66	10.40	(12.1%)
6th/[324,337)	9.93	9.93	9.19	9.98	10.18	10.47	9.83	9.83	10.03	10.62	(7%)
7th/[337,360)	9.25	9.70	10.62	9.86	9.74	10.40	9.74	10.28	9.31	11.10	(11.4%)
8th/[360,377)	9.74	10.79	9.49	9.83	9.28	9.28	9.79	10.25	10.75	10.79	(8.3%)
9th/[377,410)	9.49	10.17	9.82	10.26	10.02	10.85	10.32	9.49	9.41	10.17	(11.8%)
10th/[410,500]	9.64	9.44	9.86	10.18	10.20	9.89	9.84	10.38	9.75	10.83	(12.2%)

*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