Student Growth Percentile Goodness–of–Fit Descriptives
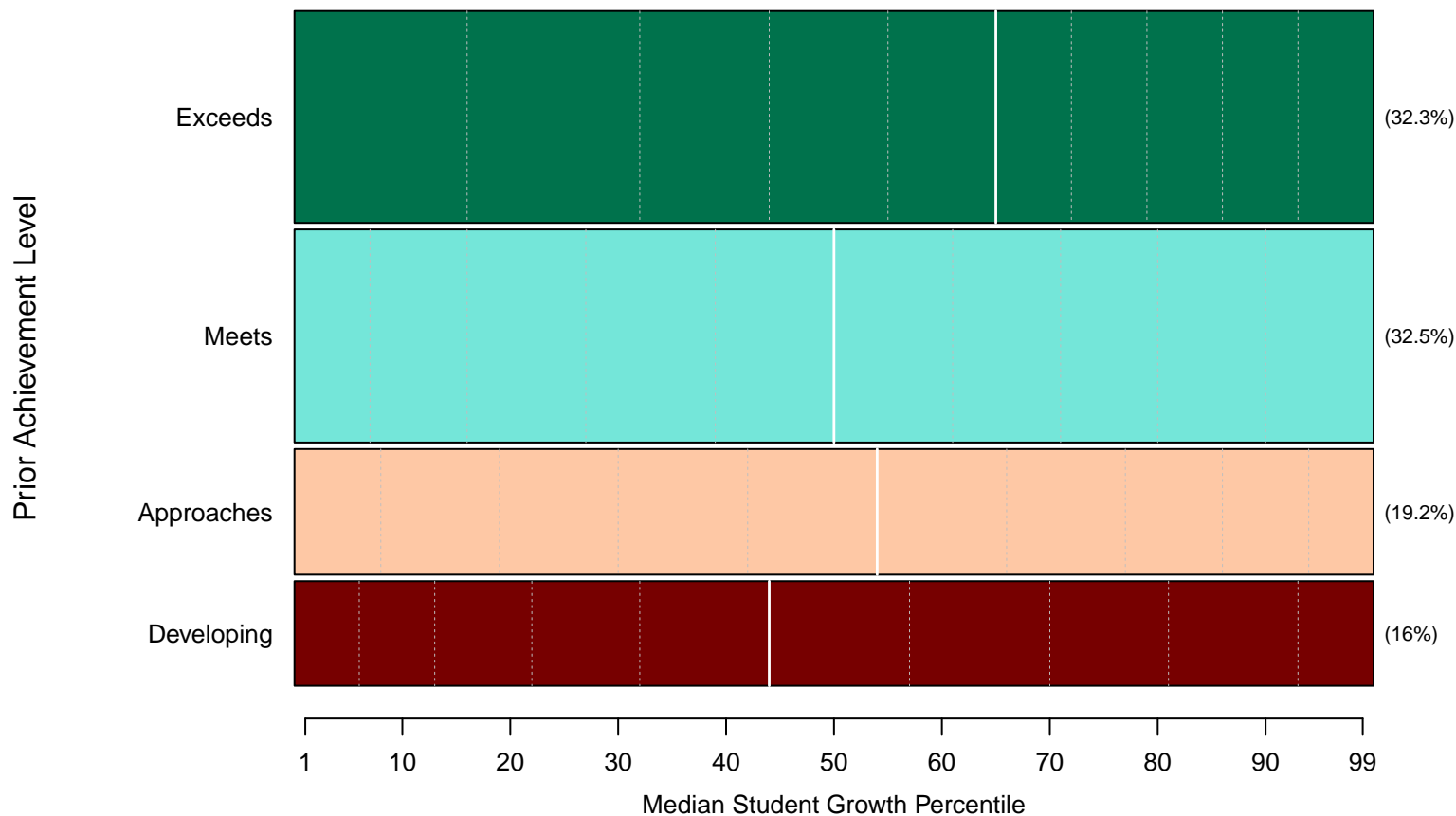## 2009–2010 Mathematics SGP, Grade 5 (N = 30,725)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Exceeds (32.3%)
- Meets (32.5%)
- Approaches (19.2%)
- Developing (16%)

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/[100,218)	17.14	13.05	10.72	9.32	7.64	7.24	7.67	8.03	7.64	11.55	(9.1%)
2nd/[218,260)	11.36	10.86	9.32	9.10	7.96	8.82	8.28	9.61	9.57	15.13	(9.1%)
3rd/[260,292)	10.40	9.74	8.95	8.22	8.00	8.35	9.33	8.85	12.48	15.69	(10.3%)
4th/[292,316)	12.99	9.50	9.15	7.75	8.20	7.97	9.05	9.91	11.25	14.23	(10.2%)
5th/[316,333)	13.32	9.47	10.15	8.57	7.67	10.71	9.25	9.47	9.60	11.78	(7.6%)
6th/[333,360)	13.52	10.85	8.84	8.28	9.00	9.07	10.28	10.21	10.39	9.56	(12.7%)
7th/[360,379)	12.05	8.37	9.23	9.27	9.61	9.23	9.42	11.00	11.34	10.47	(8.7%)
8th/[379,401)	9.65	7.29	6.98	8.89	8.55	9.46	11.48	12.67	14.12	10.91	(8.5%)
9th/[401,443)	6.69	6.17	6.53	6.72	9.23	10.08	11.54	14.57	15.12	13.33	(11.8%)
10th/[443,500]	4.02	4.53	5.70	6.97	8.47	10.15	12.89	15.20	14.68	17.39	(12%)

*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