Student Growth Percentile Goodness–of–Fit Descriptives
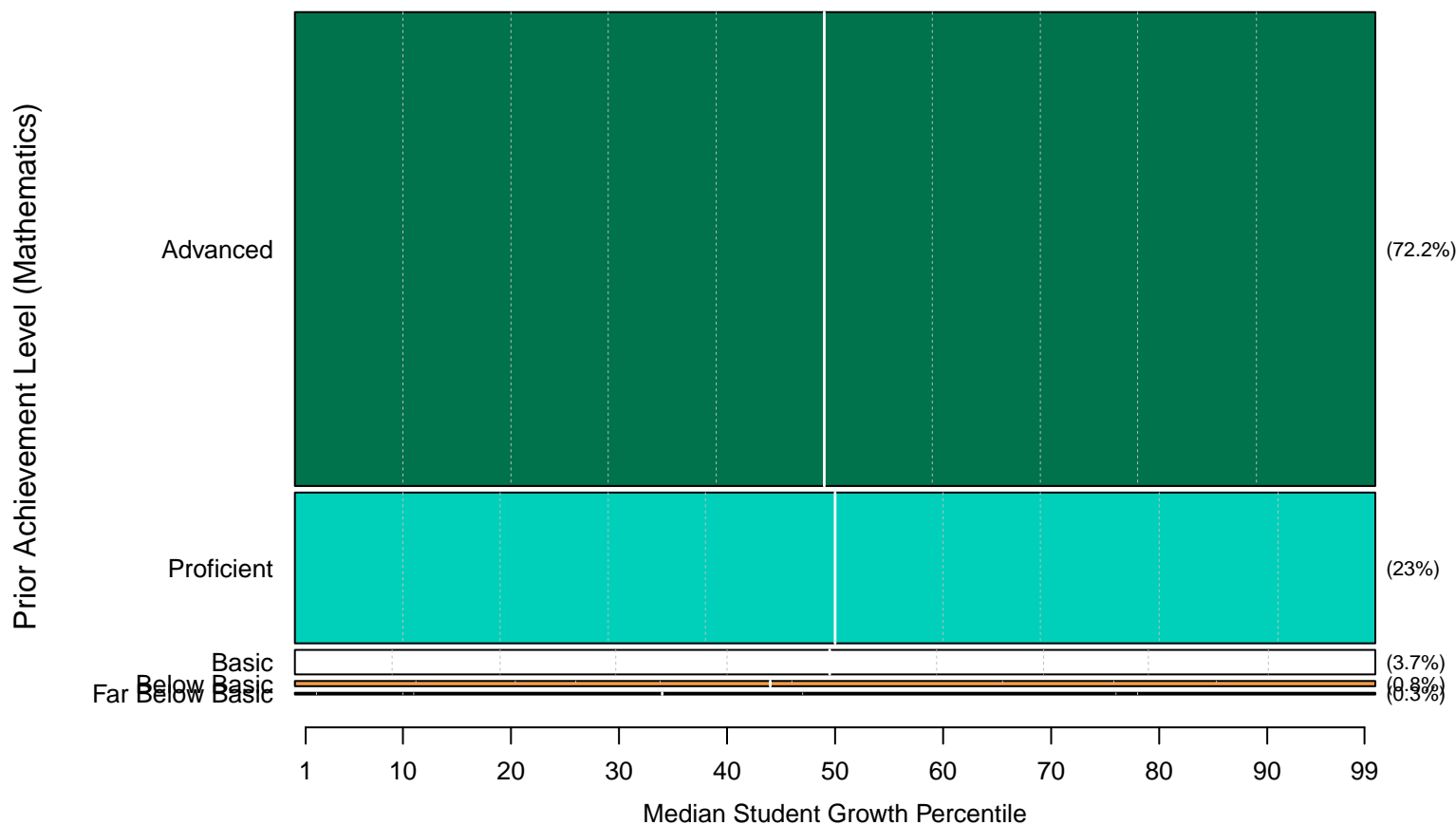## 2012 Algebra I SGP, Grade EOCT (N = 4,017)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced — (72.2%)
- Proficient — (23%)
- Basic — (3.7%)
- Below Basic — (0.8%)
- Far Below Basic — (0.3%)

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/[199,372]	11.20	9.60	9.60	10.40	10.93	9.33	9.07	11.47	9.33	9.07	(9.3%)
2nd/[372,400]	8.82	10.43	11.23	9.89	9.36	9.09	9.63	9.63	11.23	10.70	(9.3%)
3rd/[400,420]	10.08	12.81	8.45	9.26	8.72	11.17	11.72	7.90	6.27	13.62	(9.1%)
4th/[420,437]	7.54	11.01	10.43	8.41	14.20	8.41	11.01	9.57	10.14	9.28	(8.6%)
5th/[437,457]	9.27	9.07	11.90	10.28	8.06	11.69	7.66	10.28	10.48	11.29	(12.3%)
6th/[457,469]	10.29	10.29	7.72	14.34	8.46	10.29	12.50	8.46	8.82	8.82	(6.8%)
7th/[469,484]	12.58	6.77	11.29	8.39	10.32	7.74	12.26	11.61	7.42	11.61	(7.7%)
8th/[484,528]	8.35	10.88	7.30	11.62	11.33	11.03	7.75	11.03	13.86	6.86	(16.7%)
9th/[528,568]	10.40	10.93	11.73	8.00	9.87	13.60	6.67	8.53	5.60	14.67	(9.3%)
10th/[568,600]	10.19	10.65	13.43	9.72	7.18	8.80	14.58	12.04	13.43	0.00	(10.8%)

*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