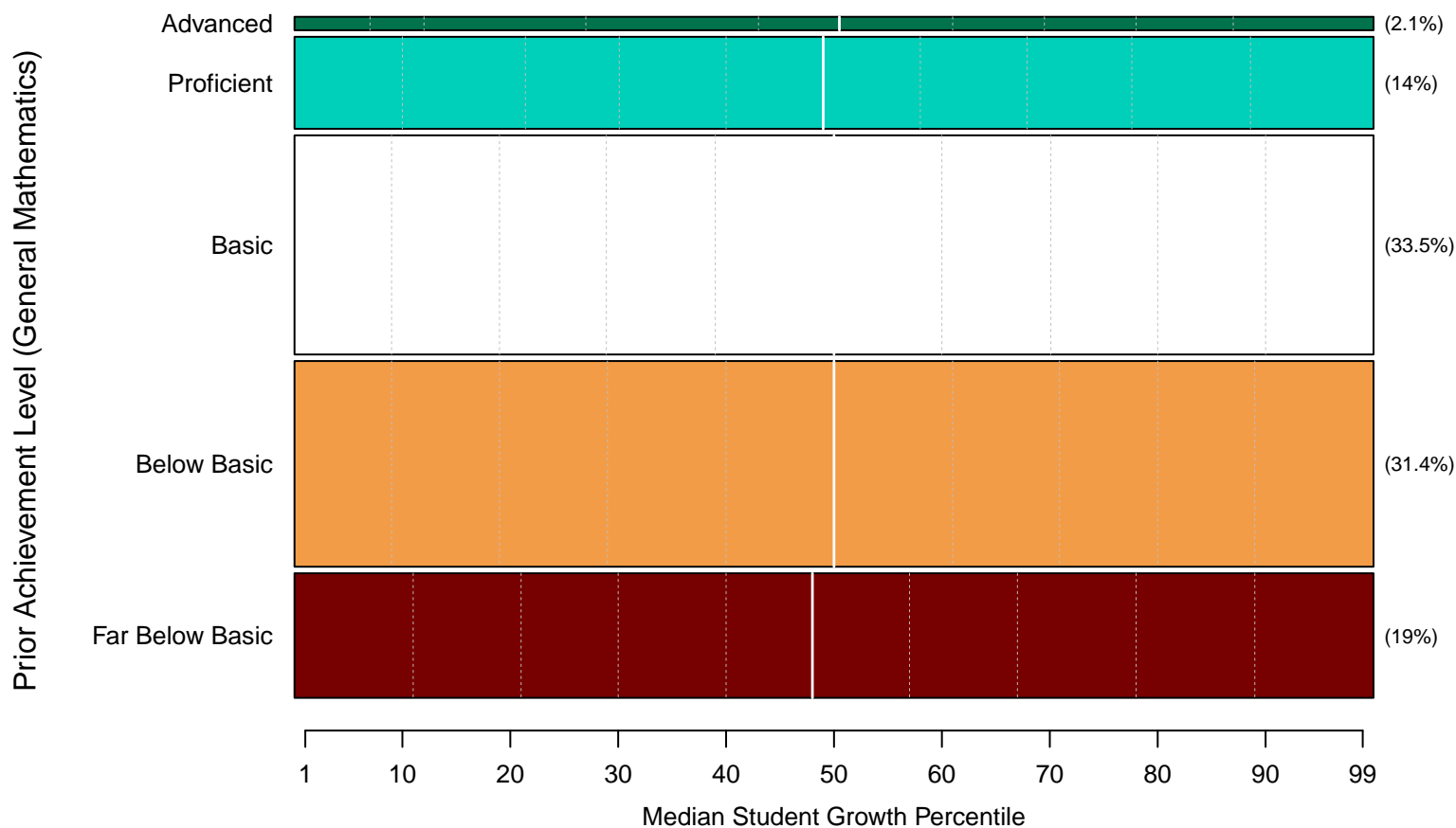# Student Growth Percentile Goodness–of–Fit Descriptives

2011 General Mathematics SGP, Grade EOCT (N = 1,267)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Level	Percent
Advanced	(2.1%)
Proficient	(14%)
Basic	(33.5%)
Below Basic	(31.4%)
Far Below Basic	(19%)

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/[186,247]	11.30	7.83	11.30	7.83	11.30	10.43	8.70	10.43	10.43	10.43	(9.1%)
2nd/[247,261]	7.14	10.32	11.11	12.70	11.90	10.32	12.70	7.14	7.14	9.52	(9.9%)
3rd/[261,271]	12.63	12.63	9.47	10.53	7.37	5.26	9.47	13.68	9.47	9.47	(7.5%)
4th/[271,288]	9.64	10.24	9.64	7.83	7.23	12.05	9.04	12.65	12.05	9.64	(13.1%)
5th/[288,296]	9.80	10.78	6.86	8.82	14.71	10.78	11.76	5.88	9.80	10.78	(8.1%)
6th/[296,309]	8.55	8.55	13.68	11.11	10.26	10.26	8.55	10.26	5.98	12.82	(9.2%)
7th/[309,325]	12.00	10.00	8.00	12.00	8.00	10.67	8.67	10.00	12.67	8.00	(11.8%)
8th/[325,341]	10.69	9.92	10.69	6.11	11.45	6.11	14.50	9.92	9.16	11.45	(10.3%)
9th/[341,363]	8.13	13.01	9.76	11.38	8.94	11.38	8.13	11.38	9.76	8.13	(9.7%)
10th/[363,474]	11.27	7.75	10.56	9.86	9.86	11.27	10.56	9.15	9.86	9.86	(11.2%)

*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