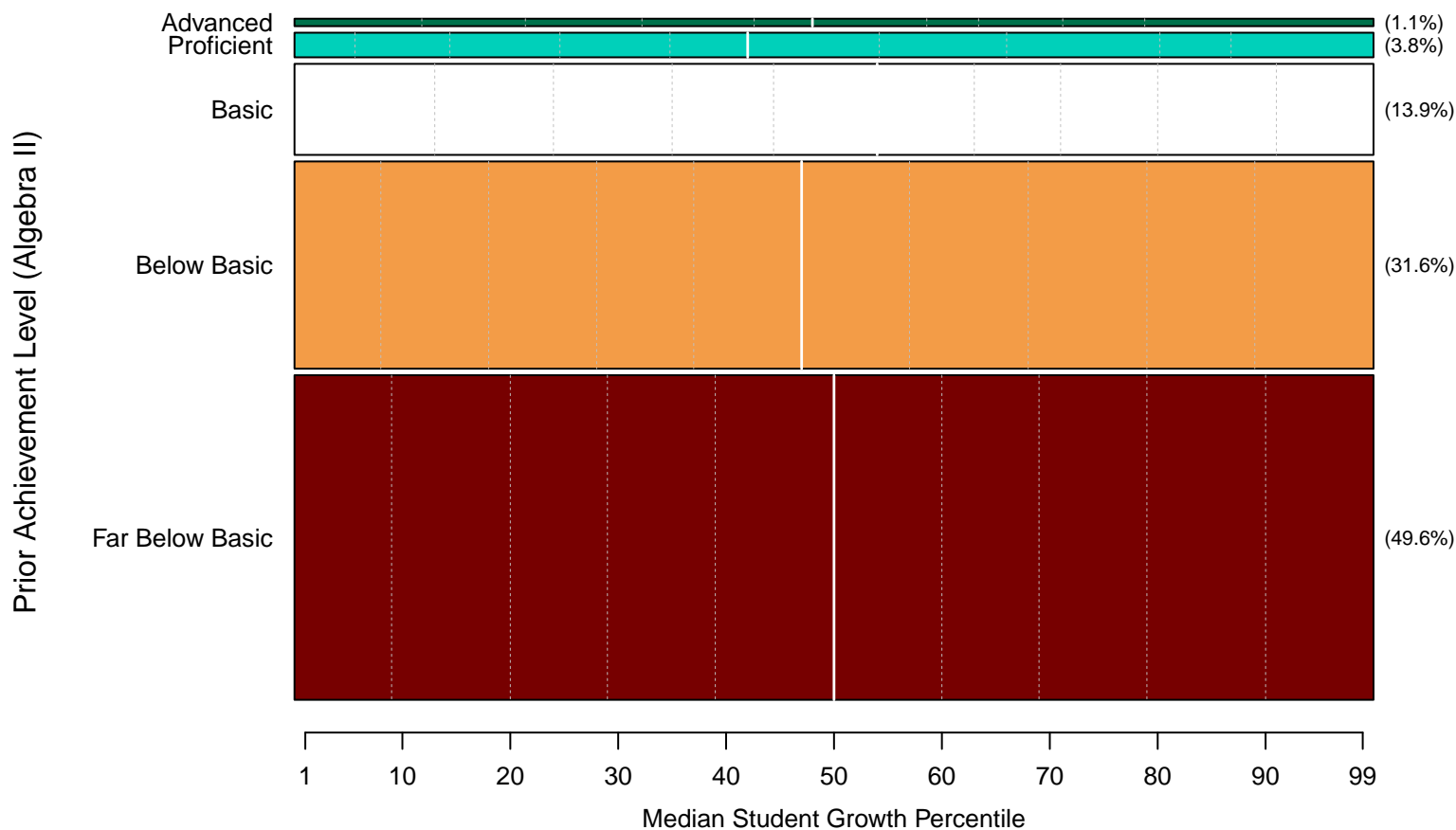# Student Growth Percentile Goodness–of–Fit Descriptives
2011 Algebra II SGP, Grade EOCT (N = 1,144)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

Achievement Level	Percentage
Advanced	(1.1%)
Proficient	(3.8%)
Basic	(13.9%)
Below Basic	(31.6%)
Far Below Basic	(49.6%)

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/[166,220)	8.11	10.81	9.91	11.71	7.21	11.71	11.71	9.91	8.11	10.81	(9.7%)
2nd/[220,232)	17.14	6.67	12.38	13.33	7.62	11.43	7.62	5.71	10.48	7.62	(9.2%)
3rd/[232,238)	11.25	11.25	13.75	5.00	13.75	0.00	13.75	15.00	7.50	8.75	(7%)
4th/[238,249)	9.42	8.70	8.70	13.04	3.62	15.94	7.97	10.87	8.70	13.04	(12.1%)
5th/[249,259)	8.27	9.02	9.77	9.77	10.53	9.02	14.29	7.52	10.53	11.28	(11.6%)
6th/[259,269)	9.43	15.09	9.43	7.55	8.49	12.26	7.55	7.55	12.26	10.38	(9.3%)
7th/[269,279)	4.17	5.21	13.54	9.38	16.67	6.25	14.58	14.58	8.33	7.29	(8.4%)
8th/[279,297)	17.78	13.33	9.63	11.11	4.44	10.37	5.93	8.89	8.89	9.63	(11.8%)
9th/[297,325)	4.31	8.62	10.34	10.34	13.79	10.34	9.48	9.48	12.07	11.21	(10.1%)
10th/[325,550]	10.48	11.29	9.68	10.48	8.06	9.68	11.29	9.68	8.87	10.48	(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