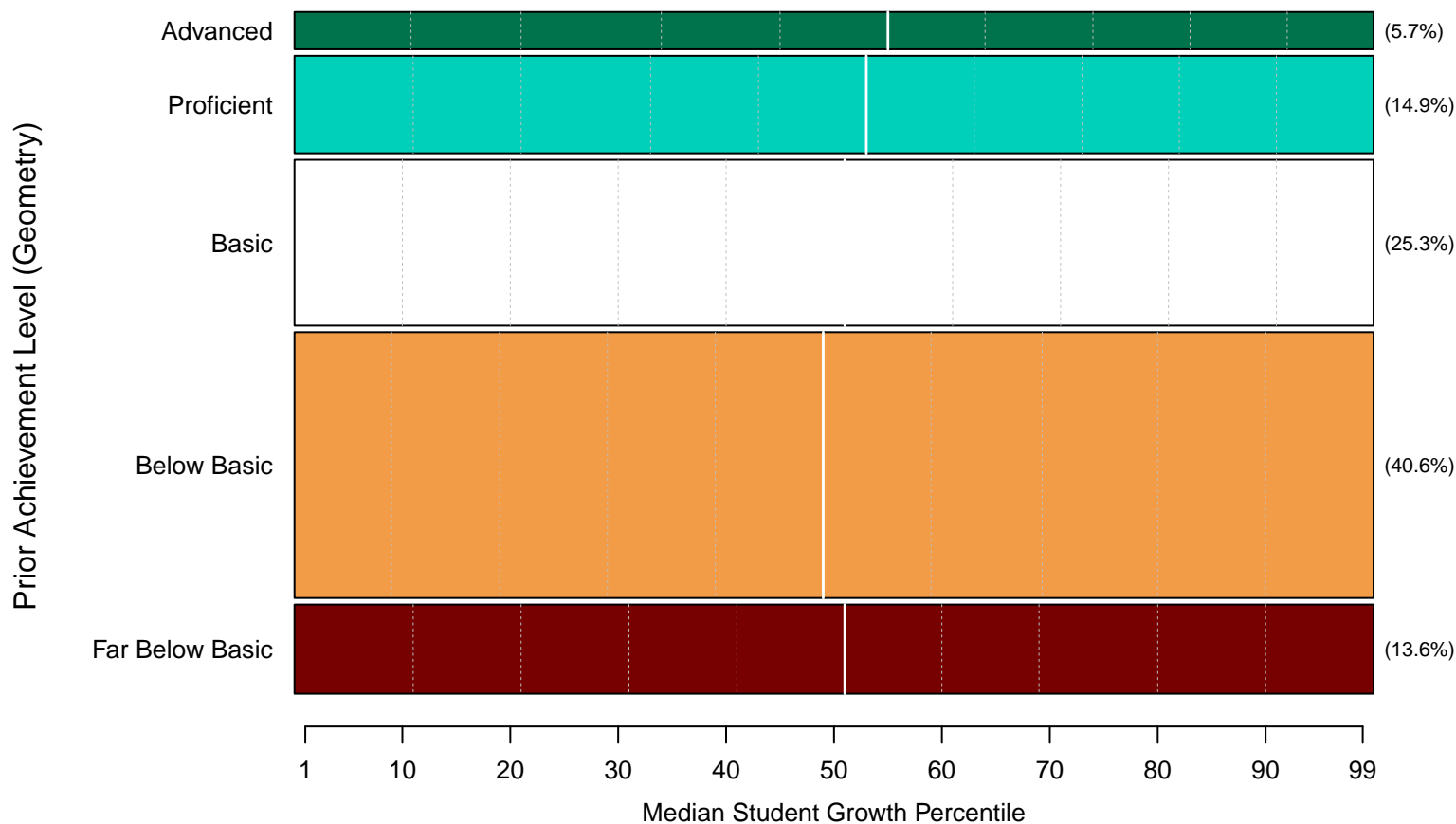# Student Growth Percentile Goodness–of–Fit Descriptives
2011 Algebra II SGP, Grade EOCT (N = 20,439)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Level	Percent
Advanced	(5.7%)
Proficient	(14.9%)
Basic	(25.3%)
Below Basic	(40.6%)
Far Below Basic	(13.6%)

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/[155,240)	8.66	8.60	9.67	11.38	10.43	10.43	10.37	10.49	9.48	10.49	(7.7%)
2nd/[240,254)	9.80	10.72	9.04	10.18	9.20	10.40	10.40	9.04	11.38	9.85	(9%)
3rd/[254,268)	9.78	9.65	10.99	10.05	10.18	9.78	10.00	10.00	8.93	10.63	(10.9%)
4th/[268,281)	10.32	9.92	10.05	10.18	10.01	9.70	9.83	10.18	10.01	9.79	(11.1%)
5th/[281,293)	10.27	10.57	11.76	9.22	9.92	10.27	8.67	8.82	9.52	10.97	(9.8%)
6th/[293,310)	9.41	10.68	10.95	9.14	9.68	9.23	10.45	8.91	10.77	10.77	(10.8%)
7th/[310,326)	9.58	9.95	10.75	10.27	9.42	9.04	10.59	9.15	9.58	11.66	(9.1%)
8th/[326,352)	9.33	10.31	9.28	8.97	10.40	8.92	9.46	10.27	10.76	12.29	(10.9%)
9th/[352,389)	8.89	10.43	9.40	8.74	8.63	10.28	9.66	11.36	11.41	11.20	(9.5%)
10th/[389,600]	8.79	9.01	8.66	8.44	10.66	10.70	9.50	10.44	10.75	13.06	(11%)

*Prior score deciles can be uneven depending upon the prior score distribution

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution