Student Growth Percentile Goodness–of–Fit Descriptives
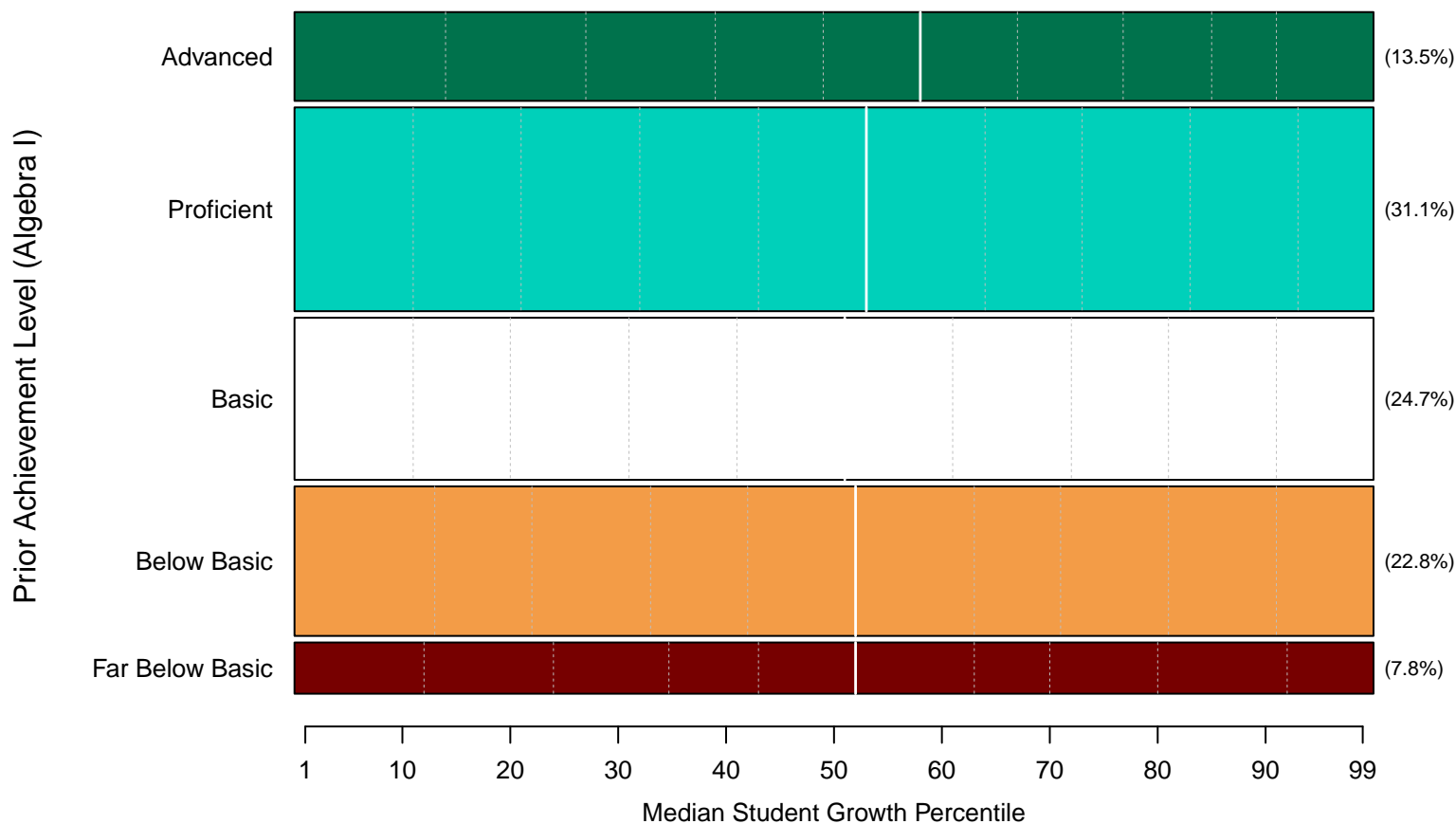## 2011 Algebra II SGP, Grade EOCT (N = 5,500)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Advanced	(13.5%)
Proficient	(31.1%)
Basic	(24.7%)
Below Basic	(22.8%)
Far Below Basic	(7.8%)

Median Student Growth Percentile

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/[184,262)	6.56	10.20	9.84	7.47	11.48	9.11	12.39	9.65	8.93	14.39	(10%)
2nd/[262,278)	7.49	9.84	10.07	11.24	11.94	8.67	8.67	11.71	10.30	10.07	(7.8%)
3rd/[278,298)	7.00	8.36	11.95	11.09	11.09	8.53	10.41	10.92	11.26	9.39	(10.7%)
4th/[298,317)	8.41	9.69	10.24	10.97	10.05	7.31	8.04	12.80	10.42	12.07	(9.9%)
5th/[317,336)	10.53	10.34	10.16	9.07	10.34	8.71	10.16	8.89	9.26	12.52	(10%)
6th/[336,356)	7.32	9.44	9.63	8.48	12.14	7.13	11.95	11.37	12.72	9.83	(9.4%)
7th/[356,381)	9.45	10.37	8.08	9.91	10.21	8.38	11.59	8.84	11.59	11.59	(11.9%)
8th/[381,404)	9.77	10.19	8.70	11.04	8.92	9.13	10.40	9.98	8.92	12.95	(8.6%)
9th/[404,445)	6.84	7.00	9.02	10.26	9.49	8.86	9.80	12.13	11.98	14.62	(11.7%)
10th/[445,600]	7.44	7.26	8.35	8.89	8.71	11.43	12.70	8.71	12.34	14.16	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution