Student Growth Percentile Goodness–of–Fit Descriptives
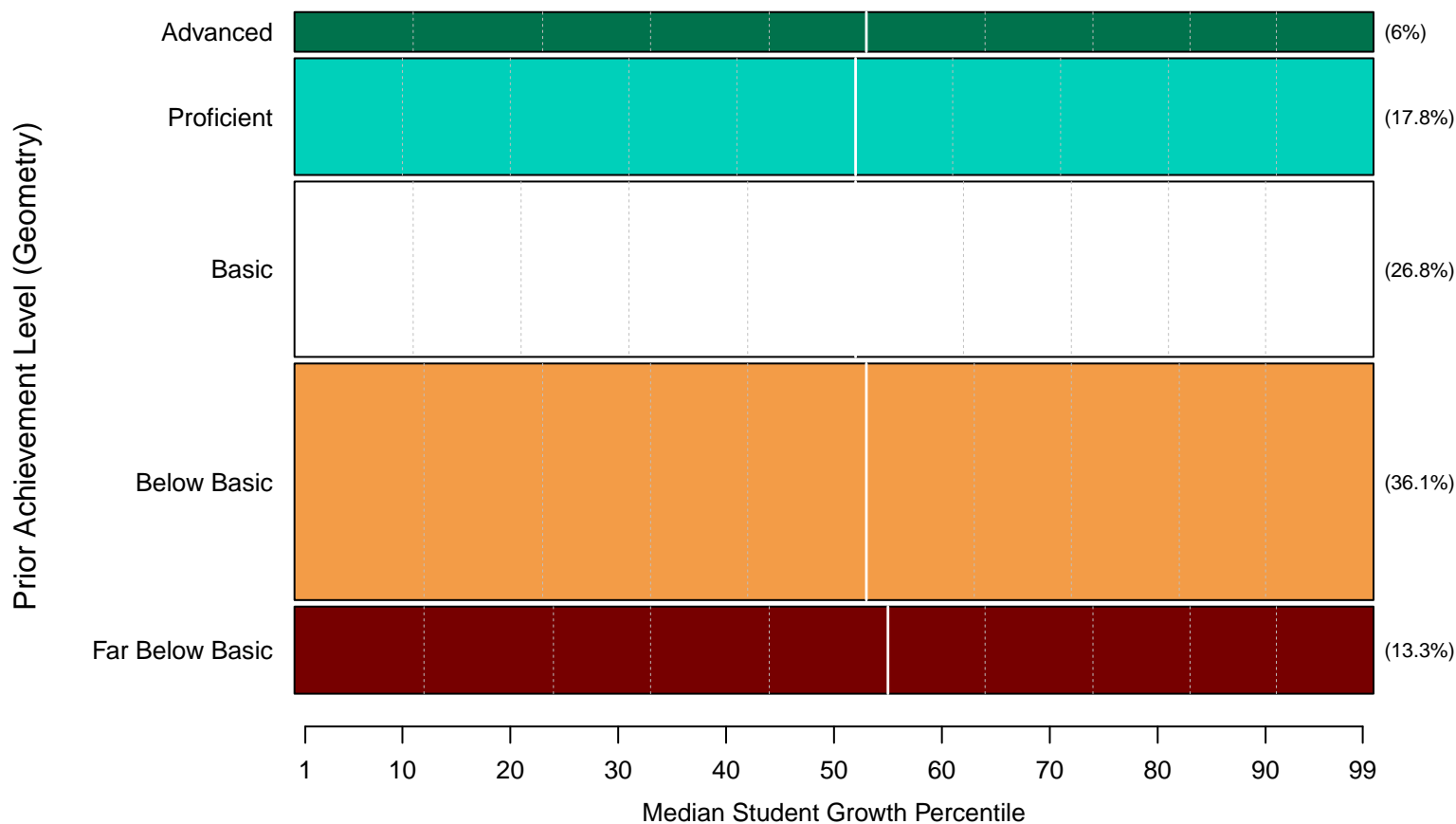## 2012 Algebra II SGP, Grade EOCT (N = 20,185)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

- Advanced (6%)
- Proficient (17.8%)
- Basic (26.8%)
- Below Basic (36.1%)
- Far Below Basic (13.3%)

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/[165,238)	6.76	9.02	9.39	10.83	9.39	9.33	9.77	10.08	12.84	12.59	(7.9%)
2nd/[238,257)	7.55	9.44	9.11	10.37	9.82	9.44	10.91	12.38	9.82	11.16	(11.8%)
3rd/[257,270)	7.67	9.14	7.93	8.53	11.66	11.11	9.54	10.70	11.86	11.86	(9.8%)
4th/[270,283)	6.68	11.05	8.25	9.33	10.78	11.75	9.70	10.19	11.16	11.11	(9.2%)
5th/[283,300)	8.87	10.03	8.82	10.96	9.34	9.66	10.22	10.03	11.43	10.64	(10.7%)
6th/[300,316)	8.37	9.97	8.87	9.77	10.96	10.51	8.47	10.51	11.21	11.36	(9.9%)
7th/[316,333)	9.16	9.11	10.12	9.72	10.06	9.67	10.57	10.17	10.40	11.02	(8.8%)
8th/[333,361)	8.34	10.75	10.62	9.42	9.89	9.72	9.38	11.61	10.06	10.19	(11.5%)
9th/[361,394)	9.64	10.12	8.52	8.42	11.83	9.27	11.08	9.11	10.55	11.45	(9.3%)
10th/[394,600]	9.11	9.29	9.87	8.44	10.37	8.93	10.14	11.18	10.64	12.03	(11%)

*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