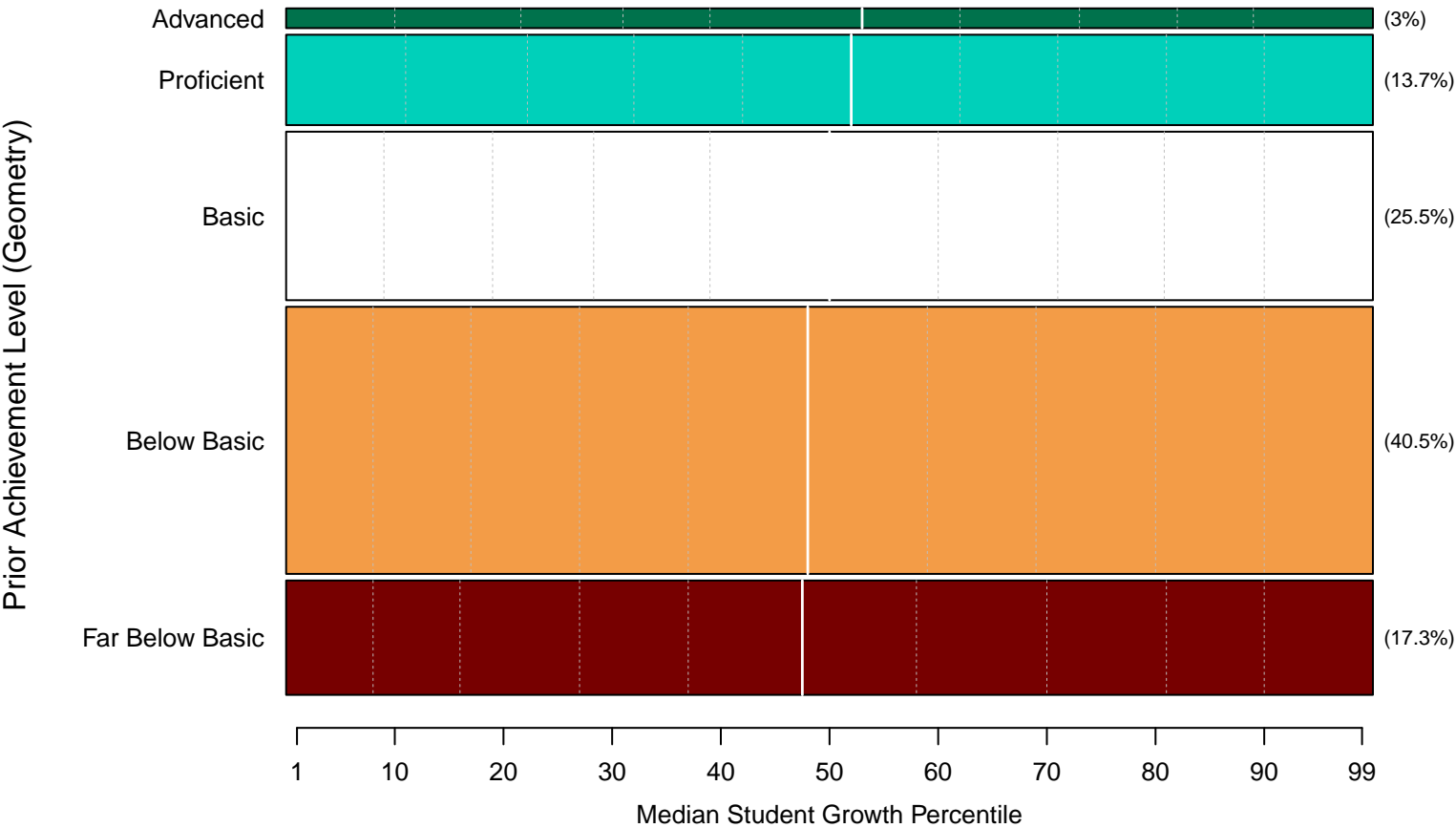# Student Growth Percentile Goodness–of–Fit Descriptives

2012 Chemistry SGP, Grade EOCT (N = 11,994)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry):
- Advanced (3%)
- Proficient (13.7%)
- Basic (25.5%)
- Below Basic (40.5%)
- Far Below Basic (17.3%)

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/[154,233)	11.39	11.08	9.07	10.65	8.86	9.07	8.86	8.76	10.44	11.81	(7.9%)
2nd/[233,248)	12.83	11.68	9.03	10.00	9.29	8.50	9.20	8.58	10.44	10.44	(9.4%)
3rd/[248,262)	11.44	11.29	11.58	10.29	10.58	8.20	7.84	9.42	8.71	10.65	(11.6%)
4th/[262,275)	12.19	10.94	10.86	10.16	7.81	9.06	9.22	8.12	10.39	11.25	(10.7%)
5th/[275,287)	12.17	9.39	7.83	9.74	9.30	10.17	9.91	11.48	9.13	10.87	(9.6%)
6th/[287,300)	10.45	10.84	9.97	8.71	9.00	11.13	10.65	8.42	9.97	10.84	(8.6%)
7th/[300,320)	9.90	10.11	10.46	8.58	10.32	9.34	9.14	10.95	10.46	10.74	(12%)
8th/[320,342)	10.61	9.10	10.11	10.28	9.01	9.60	10.87	8.85	9.60	11.96	(9.9%)
9th/[342,371)	9.30	9.98	11.09	9.13	8.96	10.32	9.64	10.49	10.75	10.32	(9.8%)
10th/[371,600]	9.06	9.53	9.06	10.71	9.76	9.84	10.08	9.29	12.20	10.47	(10.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution