Student Growth Percentile Goodness–of–Fit Descriptives
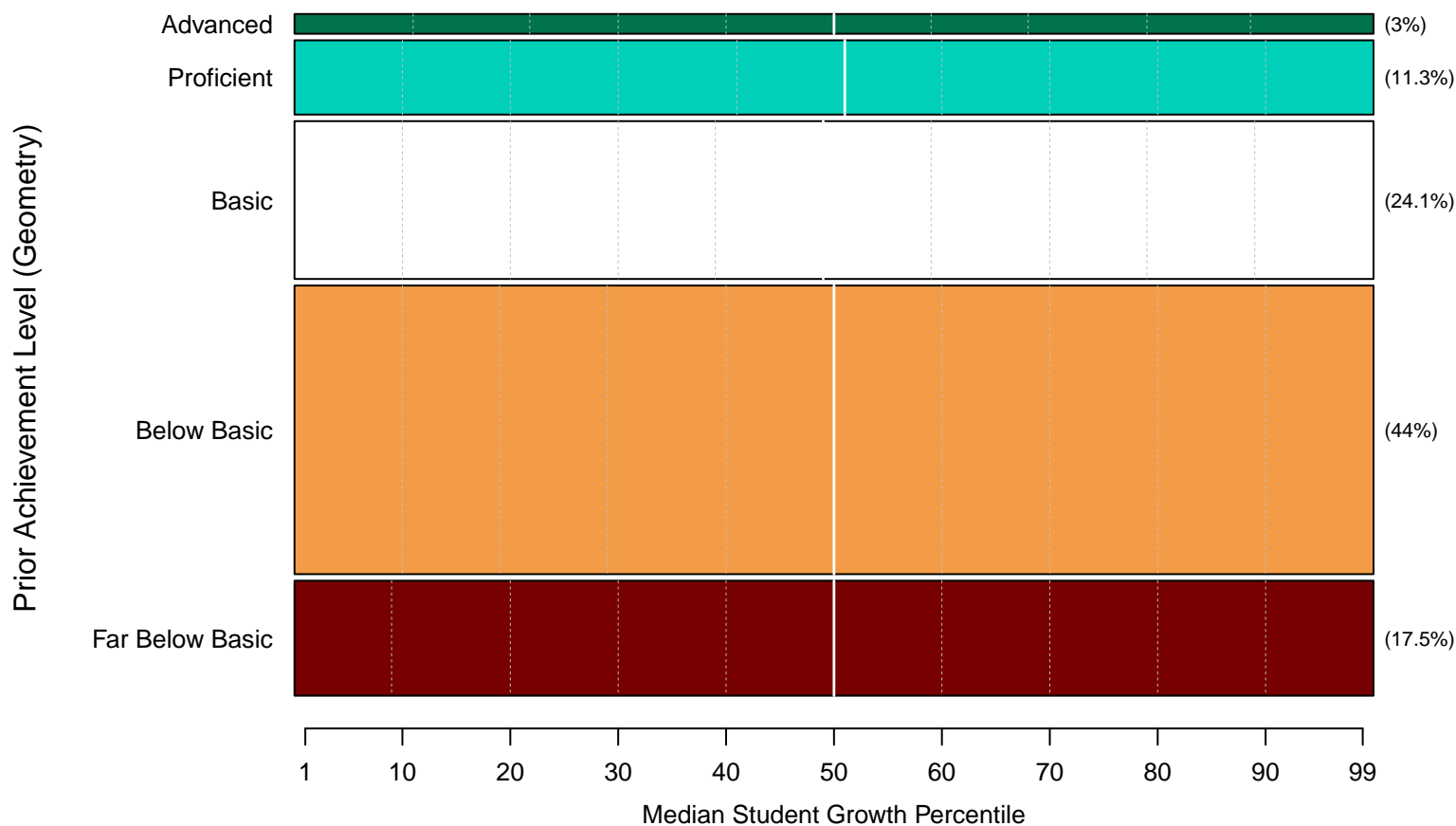## 2011 Chemistry SGP, Grade EOCT (N = 15,425)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Advanced	(3%)
Proficient	(11.3%)
Basic	(24.1%)
Below Basic	(44%)
Far Below Basic	(17.5%)

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/[150,235]	10.83	9.59	10.74	9.09	10.08	8.76	10.50	9.59	9.92	10.91	(7.8%)
2nd/[235,250]	9.43	9.16	9.36	11.50	10.09	9.43	11.30	9.36	10.43	9.96	(9.7%)
3rd/[250,263]	10.02	10.70	10.02	8.86	11.38	9.65	9.91	10.54	9.28	9.65	(12.4%)
4th/[263,272]	10.28	9.00	10.76	9.56	9.88	12.03	9.24	8.92	9.24	11.08	(8.1%)
5th/[272,285]	8.71	10.20	10.37	10.37	9.00	9.34	10.89	9.97	10.20	10.95	(11.3%)
6th/[285,297]	10.41	11.64	8.49	9.73	9.32	10.89	9.11	9.38	10.96	10.07	(9.5%)
7th/[297,314]	9.21	8.90	11.29	9.15	10.66	10.54	10.03	9.65	10.73	9.84	(10.3%)
8th/[314,335]	10.26	9.62	9.74	11.22	10.32	8.85	9.74	10.71	8.65	10.90	(10.1%)
9th/[335,367]	9.14	10.71	9.77	9.64	10.40	10.46	9.83	10.08	9.77	10.21	(10.3%)
10th/[367,600]	9.69	9.88	10.19	9.57	9.63	10.06	10.68	10.12	10.12	10.06	(10.5%)

*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