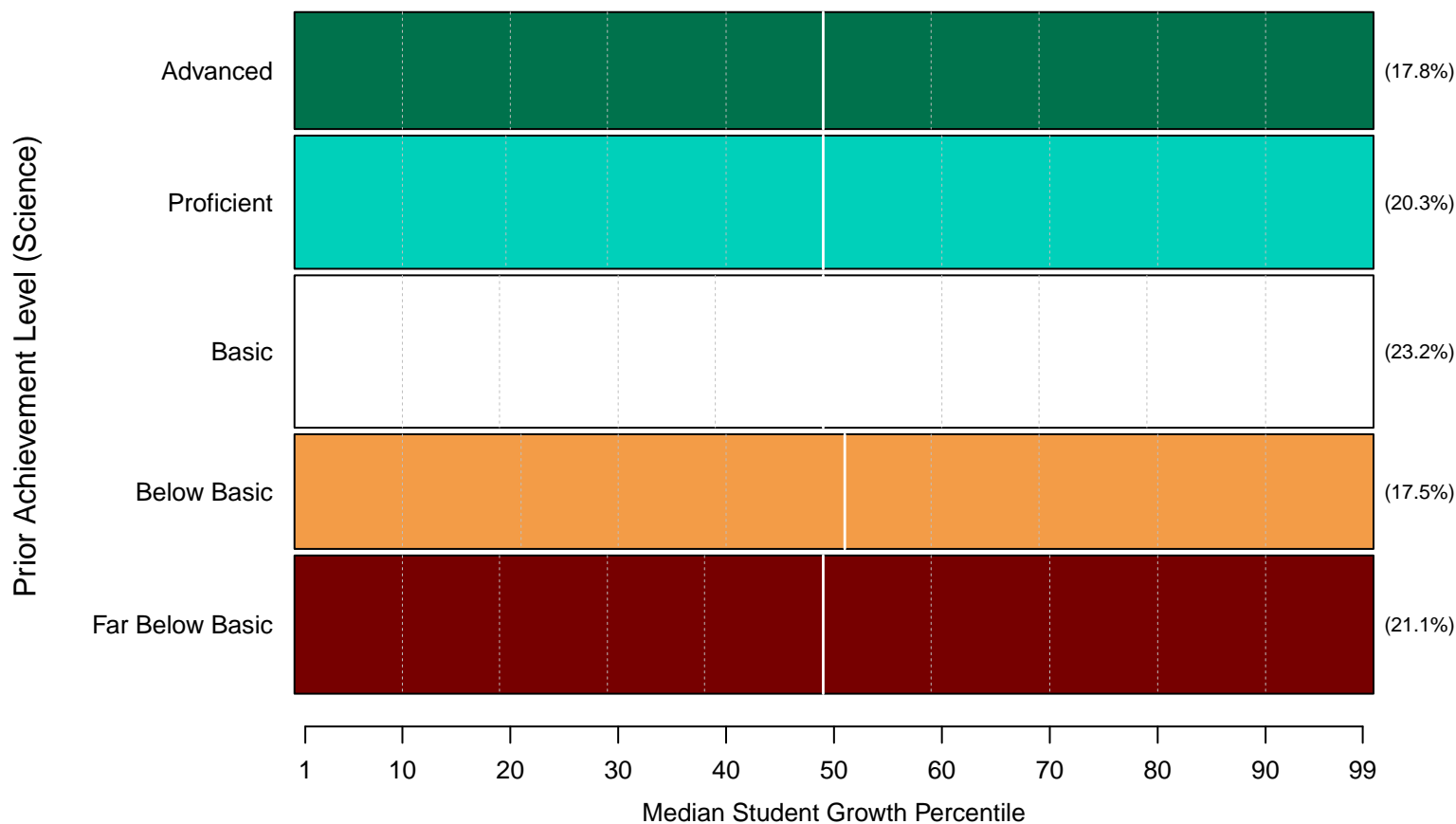# Student Growth Percentile Goodness–of–Fit Descriptives

2011 Integrated Science 1 SGP, Grade EOCT (N = 11,906)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science):

- Advanced (17.8%)
- Proficient (20.3%)
- Basic (23.2%)
- Below Basic (17.5%)
- Far Below Basic (21.1%)

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/[150,216)	9.77	9.86	10.32	9.32	10.05	9.68	9.86	9.86	10.59	10.68	(9.3%)
2nd/[216,250)	9.26	12.03	11.77	8.05	11.52	9.70	7.88	10.82	9.00	9.96	(9.7%)
3rd/[250,275)	10.31	9.16	9.51	11.82	8.89	8.62	11.56	9.42	10.13	10.58	(9.4%)
4th/[275,300)	9.43	8.60	10.50	9.68	9.43	13.23	9.59	9.68	10.34	9.51	(10.2%)
5th/[300,319)	10.09	12.79	10.39	9.39	7.69	10.19	9.29	10.99	7.89	11.29	(8.4%)
6th/[319,345)	8.81	9.02	10.15	10.78	11.28	7.75	11.70	9.87	10.43	10.22	(11.9%)
7th/[345,367)	9.71	11.75	7.03	10.64	11.56	10.36	10.45	8.97	8.70	10.82	(9.1%)
8th/[367,398)	9.48	9.55	10.84	9.12	10.41	10.70	8.76	10.05	11.06	10.05	(11.7%)
9th/[398,436)	9.63	10.88	11.42	10.44	7.49	11.15	11.60	8.12	8.39	10.88	(9.4%)
10th/[436,600]	9.56	10.10	10.41	9.10	11.72	8.56	9.56	10.49	10.41	10.10	(10.9%)

*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