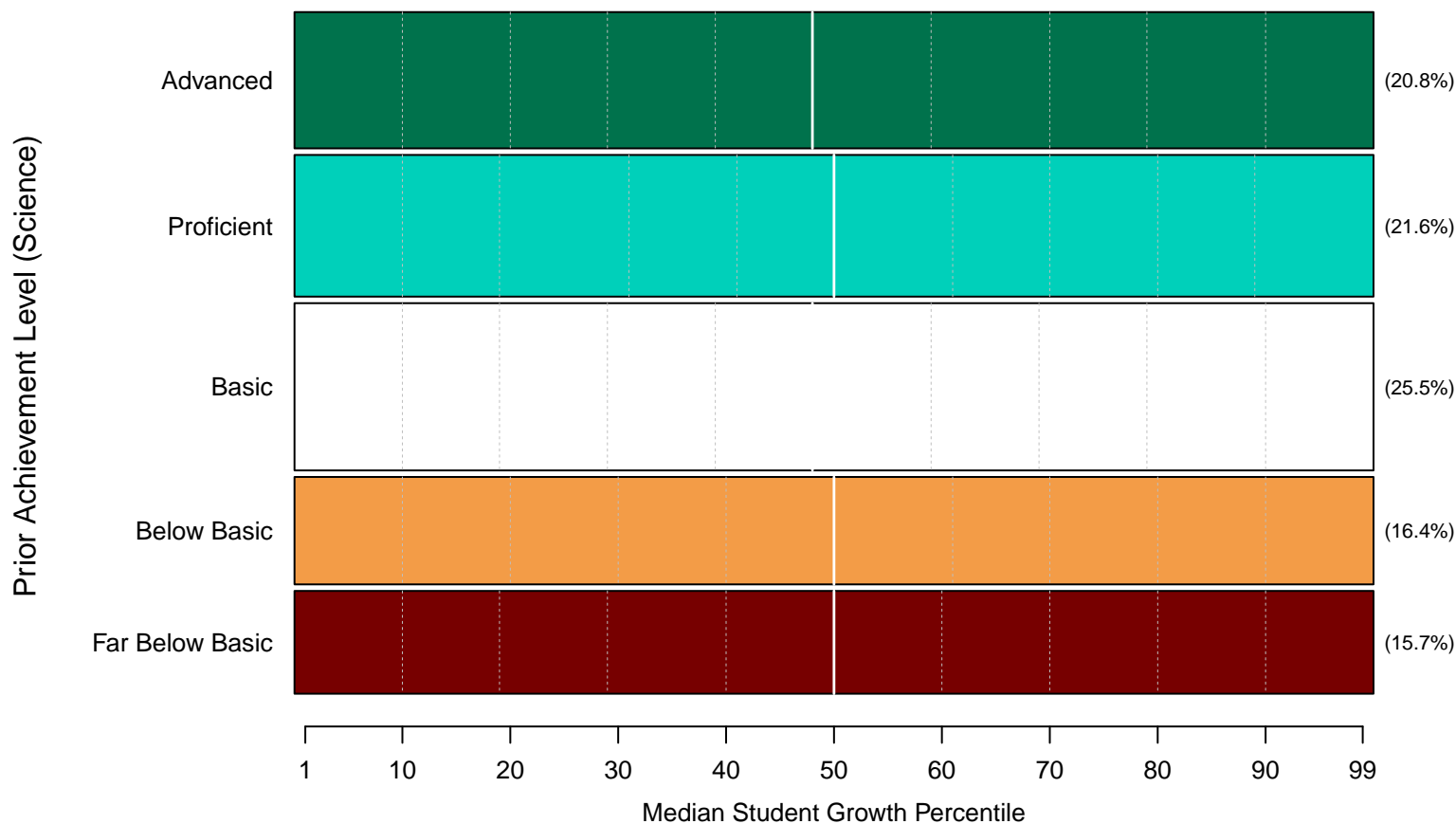# Student Growth Percentile Goodness–of–Fit Descriptives

2012 Integrated Science 1 SGP, Grade EOCT (N = 8,877)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science)

	Median Student Growth Percentile
Advanced	(20.8%)
Proficient	(21.6%)
Basic	(25.5%)
Below Basic	(16.4%)
Far Below Basic	(15.7%)

X-axis: 1 10 20 30 40 50 60 70 80 90 99 — 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/[150,229)	9.95	10.59	11.76	6.98	10.85	10.08	10.21	10.21	9.69	9.69	(8.7%)
2nd/[229,269)	9.66	10.46	10.06	10.06	9.36	10.46	9.05	9.76	9.76	11.37	(11.2%)
3rd/[269,294)	9.28	9.28	9.28	12.22	8.11	9.99	11.87	10.46	9.99	9.52	(9.6%)
4th/[294,313)	9.74	11.58	10.26	8.03	11.97	9.47	11.18	7.89	9.61	10.26	(8.6%)
5th/[313,333)	10.12	10.62	8.15	10.74	9.75	10.37	9.01	10.99	11.36	8.89	(9.1%)
6th/[333,353)	9.53	9.53	11.70	9.53	10.29	9.97	8.67	10.62	7.37	12.78	(10.4%)
7th/[353,374)	9.11	12.03	9.00	10.40	8.41	9.70	10.75	9.46	11.33	9.81	(9.6%)
8th/[374,406)	9.60	9.69	9.22	9.22	11.38	9.69	11.10	10.63	10.25	9.22	(12%)
9th/[406,444)	10.44	9.43	11.45	9.32	10.77	9.09	8.75	9.32	10.33	11.11	(10%)
10th/[444,600]	9.21	10.26	9.84	10.99	10.58	9.53	9.95	10.99	8.80	9.84	(10.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution