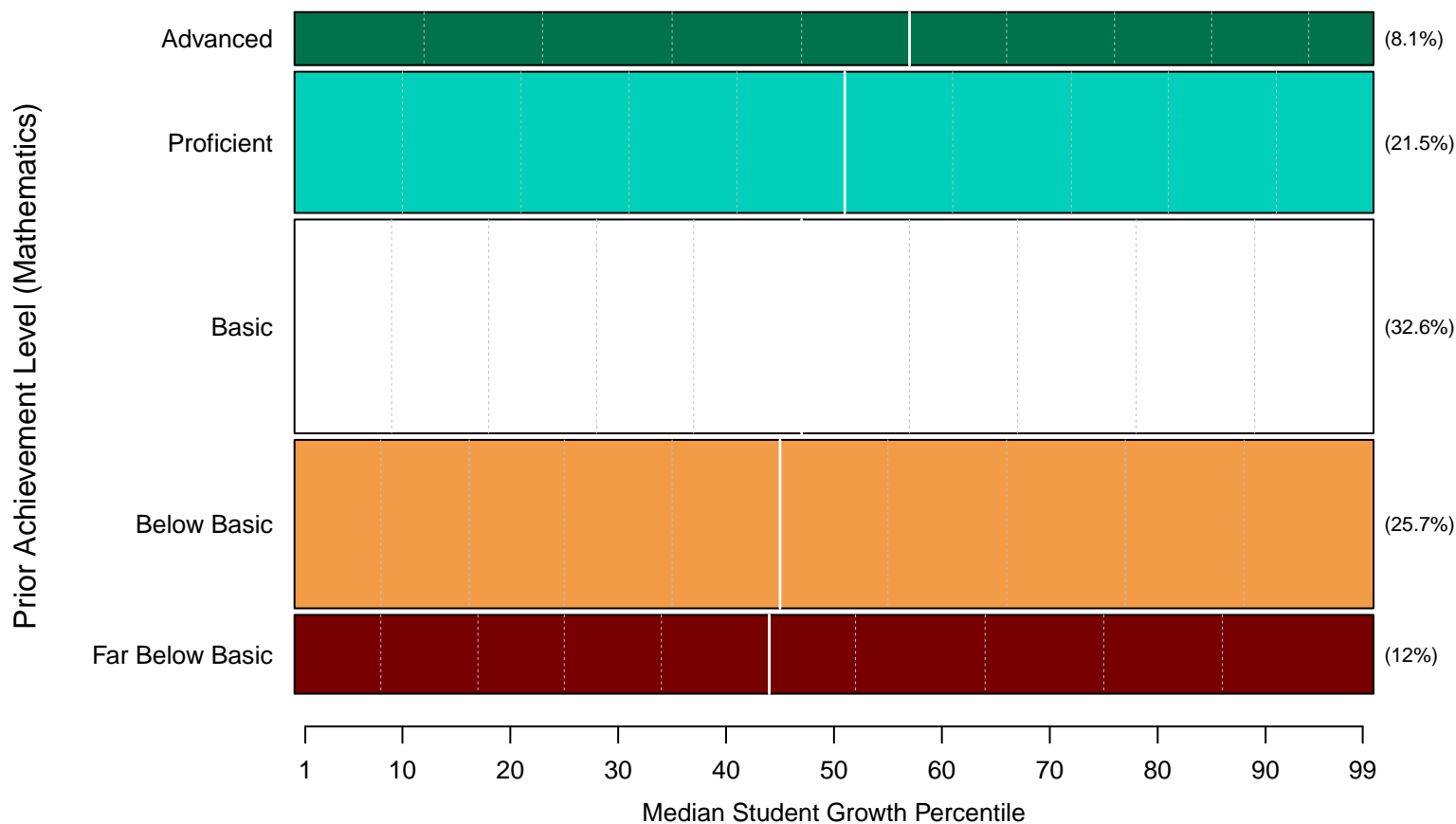


# Student Growth Percentile Goodness-of-Fit Descriptives

2010 Science SGP, Grade 8 (N = 41,074)

## SGP Deciles by Prior Achievement Level



### Student Growth Percentile Range

Prior Scale Score Decile/Range *	Student Growth Percentile 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/[159,255)	11.70	11.44	11.77	9.69	10.77	10.36	9.26	8.46	9.08	7.46	(9.5%)
2nd/[255,270)	11.41	12.39	12.83	9.66	11.02	8.15	10.16	8.56	7.38	8.44	(8.2%)
3rd/[270,287)	11.99	11.97	9.60	11.05	10.73	9.35	8.91	9.06	8.01	9.33	(11.6%)
4th/[287,300)	11.56	11.91	10.05	11.59	7.29	12.17	7.75	8.89	9.38	9.41	(8.4%)
5th/[300,316)	10.89	11.84	9.24	9.76	11.41	10.16	9.28	8.79	9.04	9.60	(10.8%)
6th/[316,332)	11.65	10.54	11.50	9.36	10.30	9.24	9.14	9.98	8.78	9.52	(10.1%)
7th/[332,349)	10.20	10.79	9.15	11.61	8.35	10.10	11.69	9.87	9.10	9.15	(9.5%)
8th/[349,371)	9.89	10.12	11.49	8.90	10.92	9.11	9.34	9.68	9.57	10.99	(10.6%)
9th/[371,402)	9.15	8.71	9.32	9.67	9.27	9.50	11.19	9.57	11.14	12.48	(10.4%)
10th/[402,600]	7.53	9.39	8.39	9.42	10.54	9.53	9.04	11.88	10.78	13.50	(10.9%)

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

### QQ-Plot: Student Growth Percentiles

