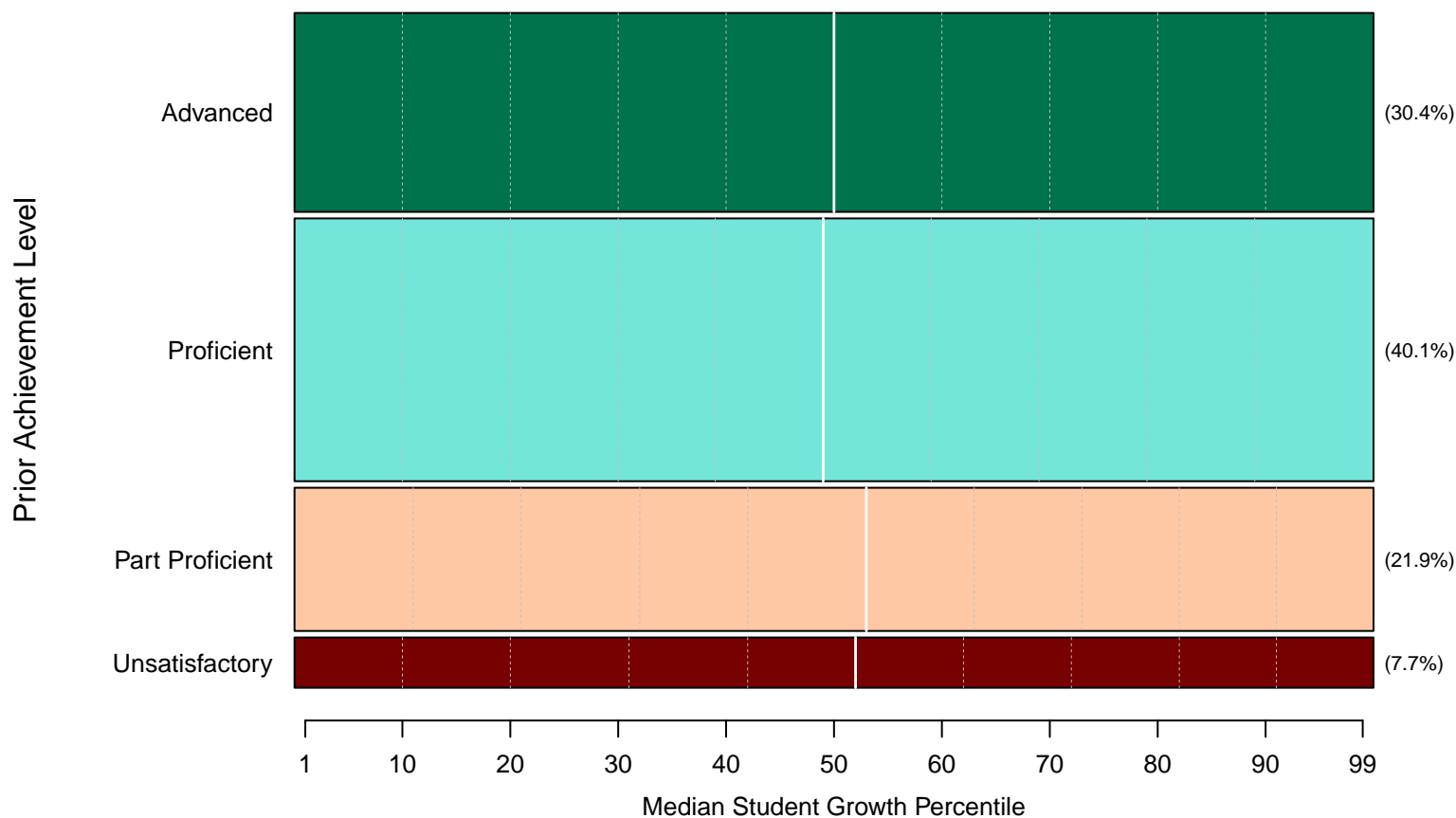


# Student Growth Percentile Goodness-of-Fit Descriptives

2009 Mathematics SGP, Grade 4 (N = 55,836)

## 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/[150,348]	9.32	9.32	9.14	9.48	9.48	9.50	9.75	10.70	11.33	11.98	(9.9%)
2nd/[348,390]	8.57	9.93	8.79	9.81	9.31	9.57	9.70	10.70	11.09	12.54	(10%)
3rd/[390,420]	9.33	10.28	9.01	9.76	9.51	9.63	10.26	10.19	11.39	10.64	(10%)
4th/[420,444]	10.27	9.66	9.49	10.00	10.40	10.05	10.16	10.63	9.51	9.82	(9.9%)
5th/[444,466]	10.08	9.76	10.57	10.07	10.01	10.41	9.81	9.67	9.90	9.71	(9.9%)
6th/[466,487]	9.46	9.60	10.22	10.39	10.46	10.22	10.50	10.52	9.79	8.84	(9.8%)
7th/[487,510]	9.76	10.31	10.42	10.43	10.06	10.20	10.03	9.97	9.34	9.48	(10.1%)
8th/[510,538]	9.77	10.27	10.36	10.33	9.63	10.26	10.12	10.97	9.23	9.06	(10.3%)
9th/[538,579]	9.63	9.84	9.77	10.34	10.51	9.45	10.04	10.36	9.82	10.24	(10%)
10th/[579,700]	8.75	9.75	9.66	10.00	10.09	9.46	9.50	10.44	10.62	11.74	(10.1%)

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

QQ-Plot: Student Growth Percentiles

