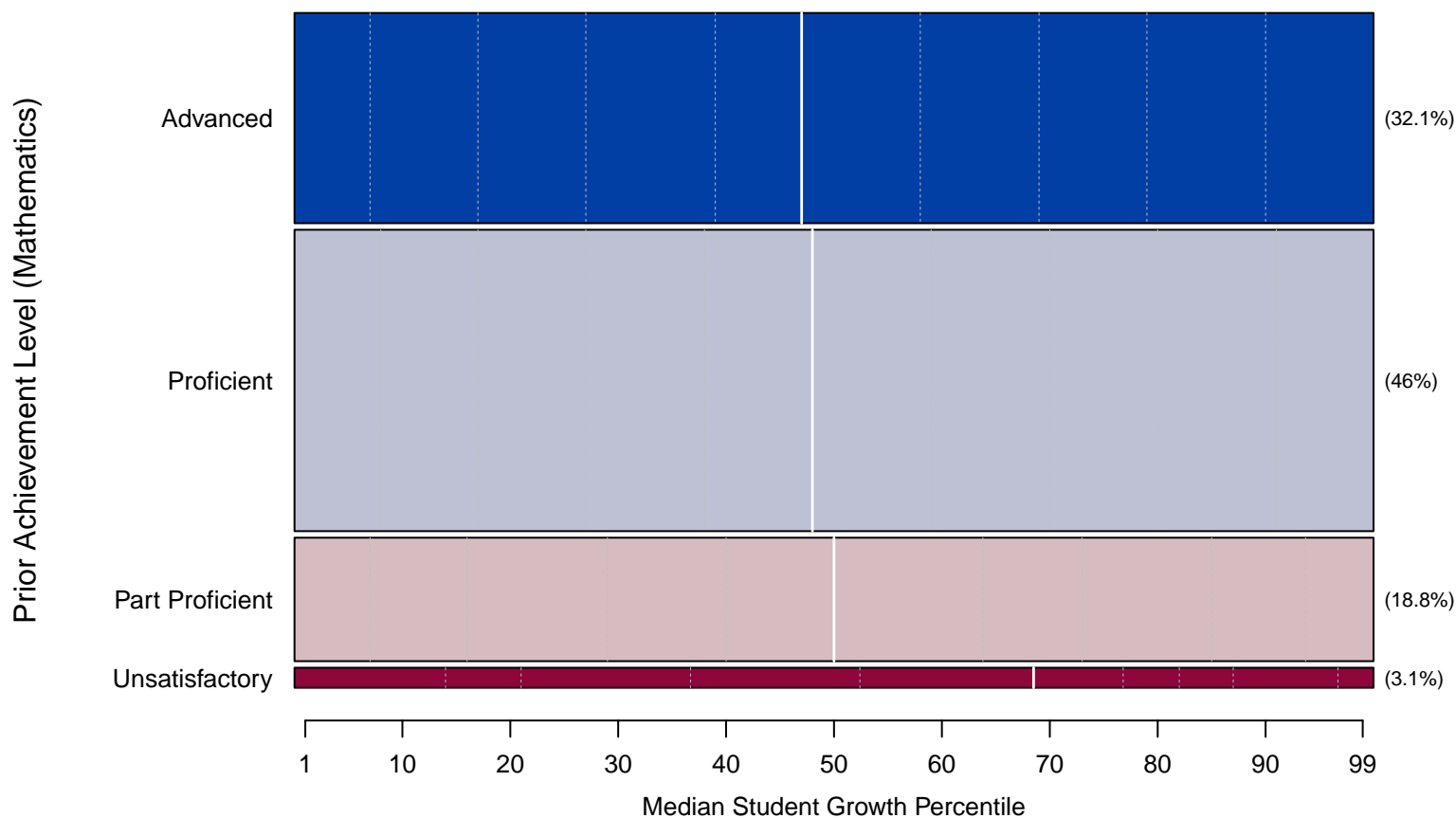


# Student Growth Percentile Goodness-of-Fit Descriptives

2011–2012 Mathematics SGP SIMEX, Grade 4 (N = 4,054)

## 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/[150,381)	10.64	9.41	7.18	7.92	9.41	6.68	8.66	10.40	13.61	16.09	(10%)
2nd/[381,414)	14.85	10.15	7.43	9.65	9.16	7.67	8.42	9.90	10.40	12.38	(10%)
3rd/[414,437)	9.67	10.94	9.67	7.89	10.43	11.45	8.40	9.67	8.91	12.98	(9.7%)
4th/[437,457)	13.30	10.45	8.79	8.55	9.50	7.84	9.03	9.50	10.69	12.35	(10.4%)
5th/[457,476)	10.55	11.87	8.71	11.35	10.82	8.44	7.39	11.08	7.92	11.87	(9.3%)
6th/[476,495)	12.65	9.79	10.50	10.50	9.07	6.92	10.50	10.74	9.31	10.02	(10.3%)
7th/[495,515)	12.77	9.16	8.19	8.43	11.33	10.12	11.81	7.71	10.36	10.12	(10.2%)
8th/[515,538)	12.18	9.90	10.41	9.64	12.69	8.88	8.63	9.14	9.64	8.88	(9.7%)
9th/[538,576)	12.96	10.27	10.27	8.80	9.54	9.05	9.78	11.00	8.56	9.78	(10.1%)
10th/[576,700]	13.70	9.13	11.30	7.45	10.34	8.17	8.89	9.38	10.10	11.54	(10.3%)

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

### QQ-Plot: Student Growth Percentiles

