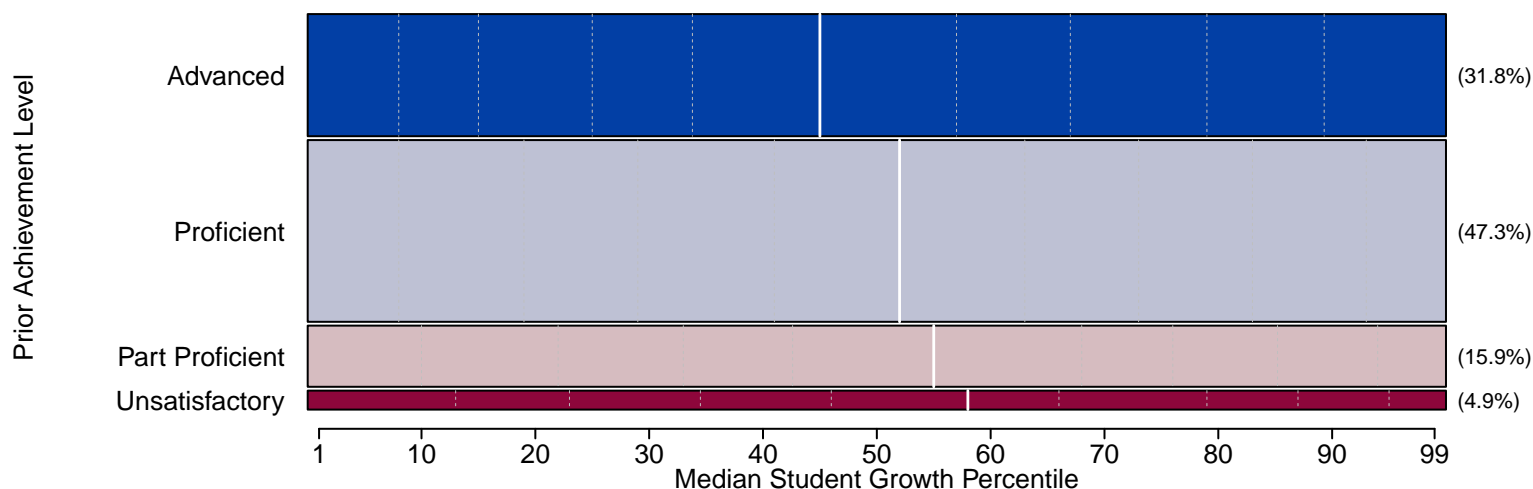


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX, Grade 5 (N = 4,175)

## SGP Deciles by Prior Achievement Level (Mathematics)



## Ceiling / Floor Effects Test

Current Observed Score Extremes (Range)		Student Growth Percentile Range												
		1 to 5	5 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 94	95 to 99	
Lowest OSS:	[220,334]	40.0	12.0	16.0	0.0	8.0	4.0	8.0	8.0	0.0	0.0	4.0	0.0	N = 25
	[334,369]	20.0	4.0	20.0	16.0	16.0	4.0	8.0	12.0	0.0	0.0	0.0	0.0	N = 25
Highest OSS:	[697,721]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	8.3	20.8	25.0	41.7	N = 24
	[721,800]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	17.9	17.9	57.1	N = 28

## 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/[180,419]	8.47	7.99	9.44	8.96	7.02	7.75	11.62	10.17	13.56	15.01	(9.9%)
2nd/[419,452]	10.58	9.13	8.89	10.58	9.38	6.01	11.06	9.38	10.82	14.18	(10%)
3rd/[452,475]	6.43	8.33	9.52	7.86	9.05	8.81	12.14	11.43	8.81	17.62	(10.1%)
4th/[475,492]	12.25	9.80	9.56	7.84	10.05	8.82	8.58	8.82	8.58	15.69	(9.8%)
5th/[492,508]	13.49	9.53	13.02	10.93	7.67	8.84	7.67	11.40	9.07	8.37	(10.3%)
6th/[508,525]	10.36	9.40	7.47	9.40	6.75	11.57	10.84	9.64	10.36	14.22	(9.9%)
7th/[525,541]	11.06	12.02	7.45	7.93	9.62	7.93	11.30	8.41	11.30	12.98	(10%)
8th/[541,561]	12.32	13.03	12.09	10.43	9.95	8.77	8.06	4.98	9.48	10.90	(10.1%)
9th/[561,592]	14.88	9.76	12.20	8.29	8.05	8.05	12.20	9.27	6.83	10.49	(9.8%)
10th/[592,780]	12.47	10.12	13.18	8.24	8.24	8.00	9.88	11.76	9.41	8.71	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

