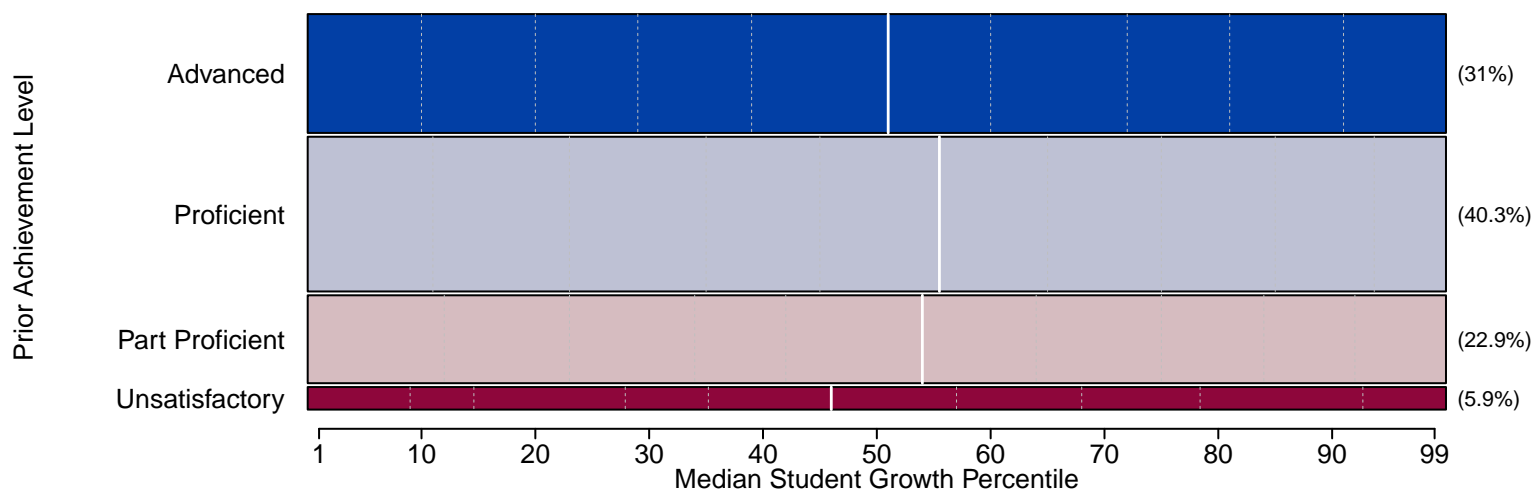


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX, Grade 6 (N = 4,155)

## SGP Deciles by Prior Achievement Level (Mathematics)



## Ceiling / Floor Effects Test

		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		
Current Observed Score Extremes (Range)	Lowest OSS:	[243,325]	29.2	12.5	29.2	8.3	0.0	8.3	0.0	4.2	4.2	0.0	4.2	0.0	N = 24
		[325,349]	34.6	11.5	3.8	7.7	3.8	11.5	11.5	7.7	0.0	0.0	0.0	7.7	N = 26
	Highest OSS:	[712,745]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	8.3	20.8	20.8	33.3	N = 24
		[745,830]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	15.4	7.7	73.1	N = 26

## 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	
Prior Scale Score Decile/Range*	1st/[220,444)	9.58	11.06	11.06	9.83	9.58	10.81	8.85	8.60	7.37	13.27	(9.8%)
	2nd/[444,475)	9.29	10.24	6.19	8.33	8.81	10.95	6.43	11.90	11.90	15.95	(10.1%)
	3rd/[475,496)	8.17	7.21	11.54	10.34	10.10	9.62	9.86	10.10	11.30	11.78	(10%)
	4th/[496,513)	8.63	7.87	7.61	9.39	10.66	7.61	11.17	10.15	10.91	15.99	(9.5%)
	5th/[513,529)	9.74	9.98	8.55	8.08	10.21	9.98	10.45	7.84	11.40	13.78	(10.1%)
	6th/[529,546)	7.67	7.91	6.71	10.07	10.79	7.43	10.79	11.51	13.19	13.91	(10%)
	7th/[546,563)	9.46	7.33	7.80	10.17	9.46	8.27	11.82	9.69	10.64	15.37	(10.2%)
	8th/[563,585)	12.11	8.08	13.30	12.11	6.41	10.93	8.31	9.26	9.03	10.45	(10.1%)
	9th/[585,615)	8.65	10.34	9.38	8.17	8.65	10.58	10.82	9.13	10.82	13.46	(10%)
	10th/[615,800]	7.86	12.38	10.00	7.86	10.95	10.00	9.76	10.24	10.48	10.48	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

