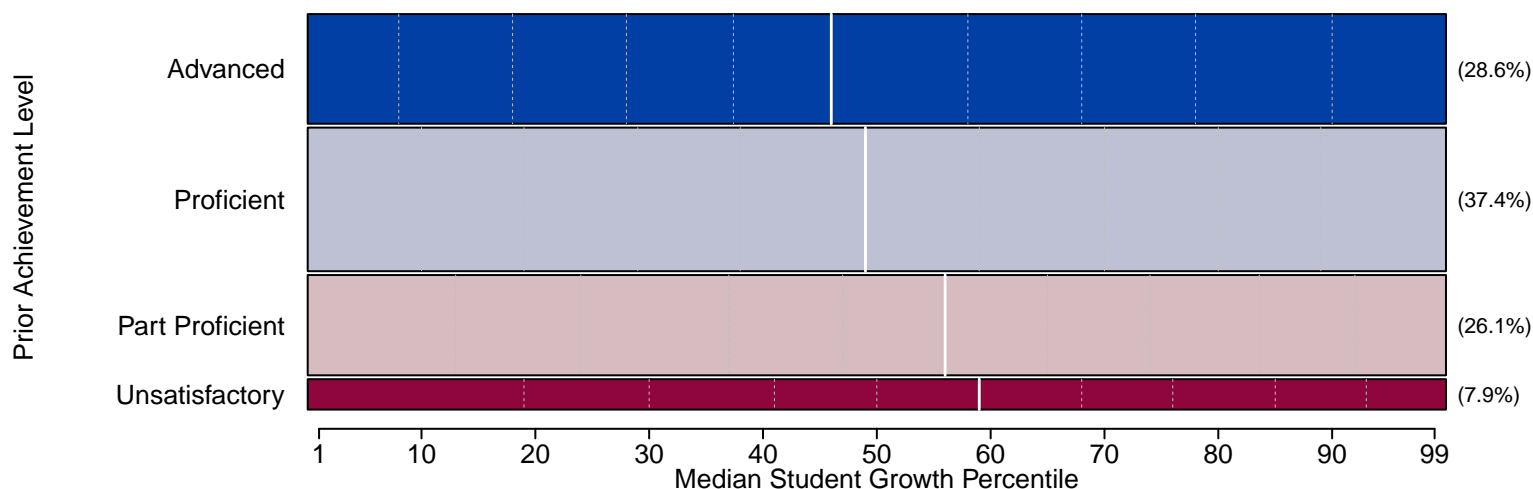


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX Ranked, Grade 7 (N = 4,051)

## 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:	[280,368]	36.0	24.0	0.0	20.0	8.0	0.0	8.0	4.0	0.0	0.0	0.0	N = 25	
		[368,400]	23.1	7.7	15.4	19.2	15.4	3.8	7.7	0.0	3.8	0.0	0.0	N = 26	
	Highest OSS:	[703,722]	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0	24.0	24.0	28.0	N = 25	
		[722,817]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	36.0	48.0	N = 25	

## 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/[256,464]	6.42	6.17	7.90	10.12	8.89	11.85	10.37	10.37	12.84	15.06	(10%)	
	2nd/[464,491]	4.60	8.95	7.16	9.46	9.72	10.23	13.04	10.49	11.51	14.83	(9.7%)	
	3rd/[491,511]	7.18	7.18	10.40	12.13	9.65	11.39	11.63	10.64	8.42	11.39	(10%)	
	4th/[511,530]	5.29	10.34	9.86	9.86	9.13	6.97	9.62	12.98	14.90	11.06	(10.3%)	
	5th/[530,547]	9.58	10.81	9.34	9.34	11.06	10.07	8.85	9.83	11.79	9.34	(10%)	
	6th/[547,565]	10.81	9.83	9.09	10.81	11.55	10.07	9.34	9.09	10.81	8.60	(10%)	
	7th/[565,585]	9.49	12.31	12.05	8.97	8.97	10.00	10.51	10.26	8.72	8.72	(9.6%)	
	8th/[585,608]	10.72	14.96	8.73	9.48	10.22	10.72	6.98	9.48	9.23	9.48	(9.9%)	
	9th/[608,641]	9.93	11.11	12.06	8.98	9.93	7.33	12.53	9.93	7.57	10.64	(10.4%)	
	10th/[641,830]	15.97	6.39	9.09	11.06	10.57	10.07	9.09	10.07	8.35	9.34	(10%)	

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

## QQ-Plot: Student Growth Percentiles

