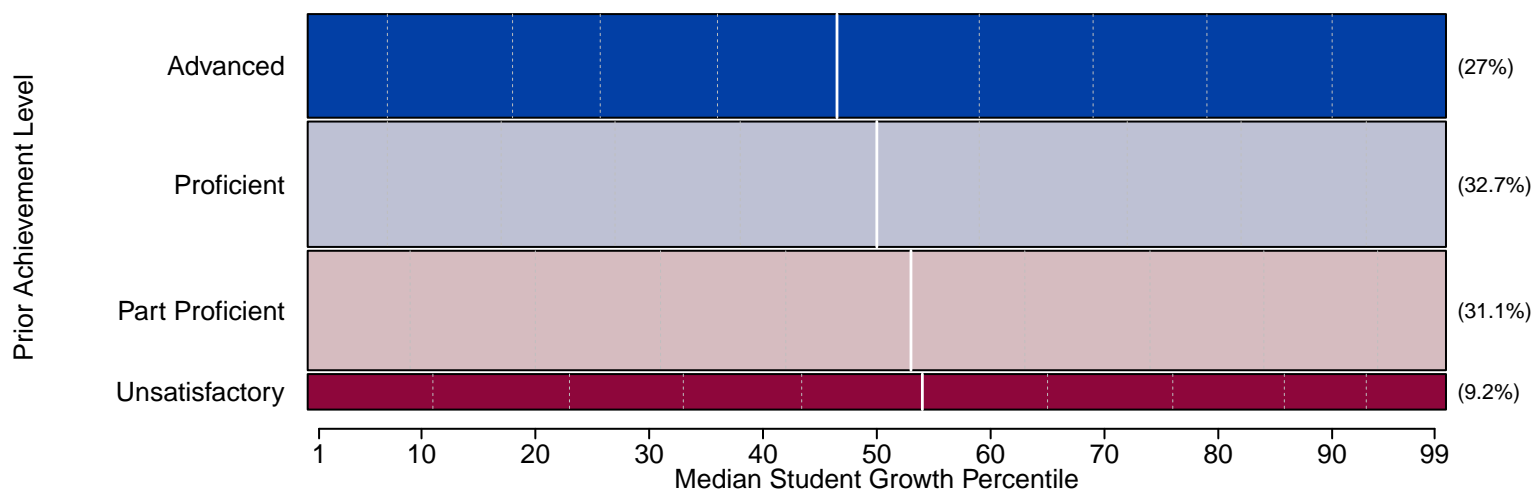


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX, Grade 8 (N = 4,076)

## 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:	[310,361]	52.0	4.0	12.0	12.0	16.0	4.0	0.0	0.0	0.0	0.0	0.0	N = 25	
		[361,398]	26.9	15.4	19.2	11.5	11.5	3.8	7.7	0.0	3.8	0.0	0.0	N = 26	
	Highest OSS:	[735,754]	0.0	0.0	0.0	8.0	4.0	4.0	0.0	12.0	24.0	24.0	16.0	N = 25	
		[754,871]	0.0	0.0	0.0	4.0	4.0	8.0	4.0	12.0	8.0	4.0	12.0	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/[280,489]	9.27	8.77	8.02	10.53	8.77	9.77	7.27	10.53	11.03	16.04	(9.8%)	
	2nd/[489,519]	9.25	8.52	8.27	8.27	8.76	9.00	9.25	10.46	11.92	16.30	(10.1%)	
	3rd/[519,539]	13.45	10.41	8.88	8.88	7.11	10.66	8.12	10.66	8.12	13.71	(9.7%)	
	4th/[539,557]	9.37	8.61	9.37	9.87	10.38	10.13	9.37	9.87	8.10	14.94	(9.7%)	
	5th/[557,575]	10.47	7.91	9.30	9.77	8.37	10.23	7.67	11.40	10.00	14.88	(10.5%)	
	6th/[575,592]	10.58	10.34	8.65	10.10	10.58	12.26	5.77	9.86	9.62	12.26	(10.2%)	
	7th/[592,608]	15.38	10.67	9.93	8.68	6.45	9.68	9.18	8.68	7.94	13.40	(9.9%)	
	8th/[608,627]	12.89	10.82	10.57	11.60	7.99	8.25	7.99	7.47	7.73	14.69	(9.5%)	
	9th/[627,652]	13.24	8.27	9.22	11.82	9.22	7.80	10.40	9.69	10.64	9.69	(10.4%)	
	10th/[652,860]	15.11	7.91	14.63	5.28	10.31	7.19	11.99	10.07	8.15	9.35	(10.2%)	

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

## QQ-Plot: Student Growth Percentiles

