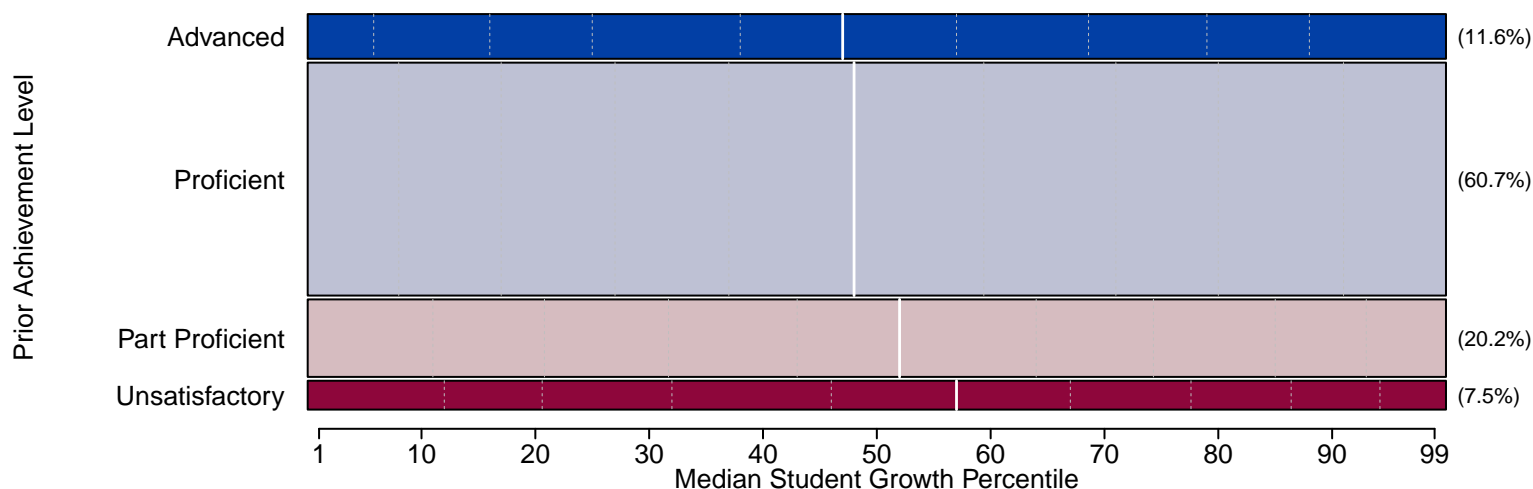


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Reading SGP SIMEX, Grade 8 (N = 4,113)

## SGP Deciles by Prior Achievement Level (Reading)



## 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:	[330,500]	46.2	0.0	23.1	11.5	7.7	0.0	7.7	0.0	0.0	0.0	3.8	0.0	N = 26
		[500,522]	26.9	3.8	34.6	7.7	3.8	11.5	3.8	3.8	0.0	0.0	0.0	3.8	N = 26
	Highest OSS:	[763,781]	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	16.0	28.0	28.0	16.0	N = 25
		[781,839]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.8	19.2	50.0		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/[300,578]	8.23	10.72	6.73	7.48	8.98	9.23	8.98	12.72	11.22	15.71	(9.7%)	
	2nd/[578,605]	9.57	8.85	10.29	9.09	13.40	5.98	9.81	8.61	10.29	14.11	(10.2%)	
	3rd/[605,624]	9.38	12.10	9.14	6.67	8.40	10.37	10.37	10.37	7.65	15.56	(9.8%)	
	4th/[624,638]	8.86	9.87	10.13	8.10	9.87	9.62	8.86	9.37	11.39	13.92	(9.6%)	
	5th/[638,651]	13.55	8.87	9.61	11.58	6.90	9.61	8.37	10.34	10.10	11.08	(9.9%)	
	6th/[651,665]	12.62	8.88	8.88	10.05	9.58	9.11	8.88	11.45	8.18	12.38	(10.4%)	
	7th/[665,680]	13.73	10.36	10.12	8.67	11.08	10.12	8.67	8.92	9.16	9.16	(10.1%)	
	8th/[680,698]	11.88	11.40	9.50	9.26	9.98	7.84	8.55	11.40	8.31	11.88	(10.2%)	
	9th/[698,720]	16.75	9.47	11.17	8.01	10.19	6.07	8.50	9.47	10.44	9.95	(10%)	
	10th/[720,863]	15.05	8.01	8.01	10.92	10.68	11.41	6.55	10.92	10.44	8.01	(10%)	

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

## QQ-Plot: Student Growth Percentiles

