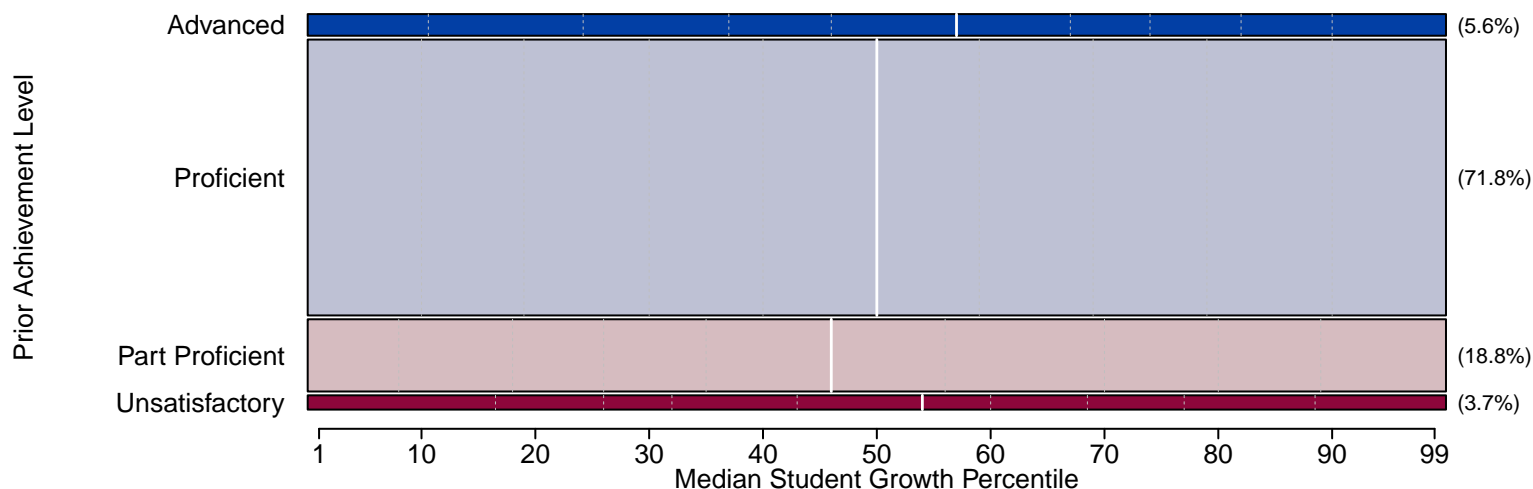


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Reading SGP SIMEX Ranked, Grade 10 (N = 4,201)

## 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:	[370,526]	45.8	12.5	20.8	8.3	12.5	0.0	0.0	0.0	0.0	0.0	0.0	N = 24	
		[526,546]	34.6	15.4	23.1	3.8	3.8	7.7	7.7	0.0	3.8	0.0	0.0	N = 26	
	Highest OSS:	[809,824]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	12.5	25.0	12.5	N = 24	
		[824,889]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	15.4	34.6	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/[350,612]	7.84	10.05	13.48	8.82	8.58	11.27	10.05	11.03	9.56	9.31	(9.7%)	
	2nd/[612,637]	11.85	9.48	12.80	9.72	11.14	8.06	7.58	8.29	10.90	10.19	(10%)	
	3rd/[637,654]	11.92	10.71	10.95	12.17	7.79	12.17	8.03	9.98	8.76	7.54	(9.8%)	
	4th/[654,667]	10.47	10.47	9.73	11.97	9.73	12.97	7.98	6.48	8.73	11.47	(9.5%)	
	5th/[667,678]	9.86	7.75	10.56	13.38	10.56	7.98	10.09	9.86	8.92	11.03	(10.1%)	
	6th/[678,689]	10.57	13.56	10.57	6.90	11.95	10.11	10.80	7.59	8.28	9.66	(10.4%)	
	7th/[689,699]	9.50	9.25	9.50	6.25	10.75	10.50	10.00	10.50	11.50	12.25	(9.5%)	
	8th/[699,712]	9.13	12.47	10.24	10.02	7.80	10.91	12.25	8.69	9.80	8.69	(10.7%)	
	9th/[712,729]	9.81	7.42	8.13	7.42	11.72	7.89	13.40	13.16	10.77	10.29	(10%)	
	10th/[729,813]	8.58	9.51	6.96	8.58	10.67	9.51	11.83	11.14	10.21	12.99	(10.3%)	

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

## QQ-Plot: Student Growth Percentiles

