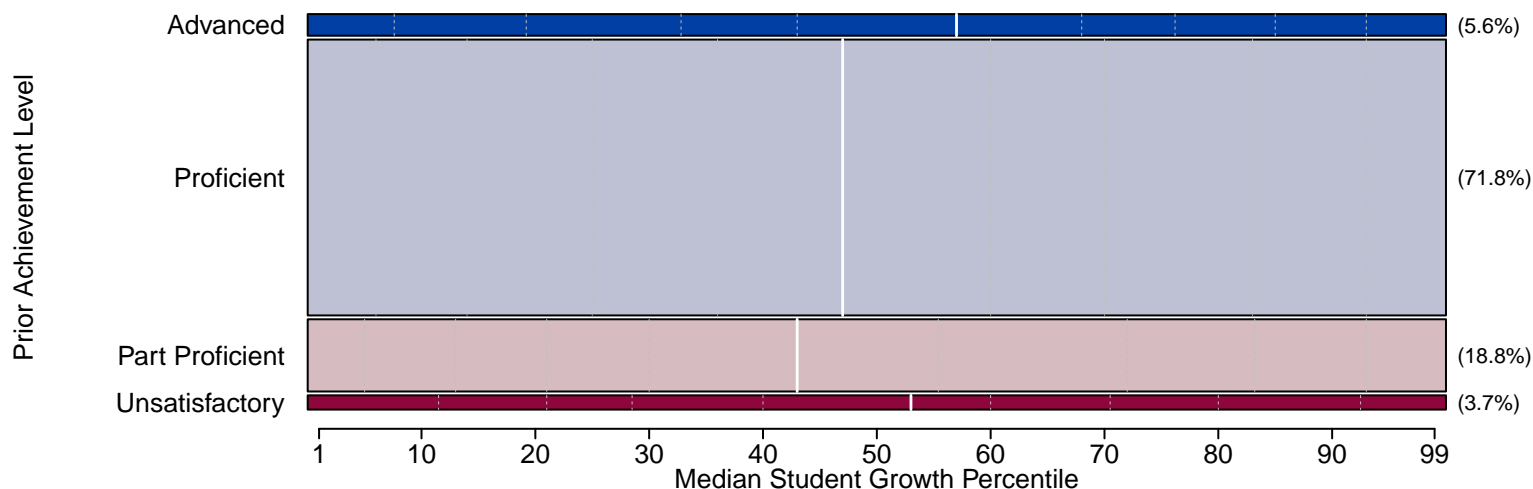


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Reading SGP SIMEX, 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]	54.2	12.5	20.8	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 24
		[526,546]	50.0	11.5	11.5	7.7	3.8	7.7	3.8	0.0	0.0	3.8	0.0	N = 26
	Highest OSS:	[809,824]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	4.2	20.8	20.8	N = 24
		[824,889]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	7.7	38.5	N = 26

## Student Growth Percentile Range

		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]	12.50	10.54	12.99	7.35	7.84	8.33	8.33	10.29	7.84	13.97	(9.7%)
	2nd/[612,637]	16.59	11.14	10.90	9.95	8.06	6.40	6.87	6.64	9.00	14.45	(10%)
	3rd/[637,654]	15.57	12.90	11.44	7.06	9.49	9.00	7.79	7.54	8.52	10.71	(9.8%)
	4th/[654,667]	15.96	10.47	9.98	10.72	8.98	8.98	7.48	4.74	9.48	13.22	(9.5%)
	5th/[667,678]	14.32	10.33	10.80	10.09	8.45	5.63	10.33	7.04	9.39	13.62	(10.1%)
	6th/[678,689]	16.78	14.25	6.90	6.90	10.34	8.05	10.57	6.21	8.51	11.49	(10.4%)
	7th/[689,699]	13.50	11.50	6.25	7.75	9.75	6.75	8.75	10.00	9.50	16.25	(9.5%)
	8th/[699,712]	14.25	11.58	10.02	8.91	6.90	8.24	11.36	6.90	9.13	12.69	(10.7%)
	9th/[712,729]	13.64	7.42	8.13	9.33	8.61	5.26	11.96	11.00	8.85	15.79	(10%)
	10th/[729,813]	13.92	6.96	6.96	8.82	9.05	7.89	10.21	9.28	9.98	16.94	(10.3%)

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

## QQ-Plot: Student Growth Percentiles

