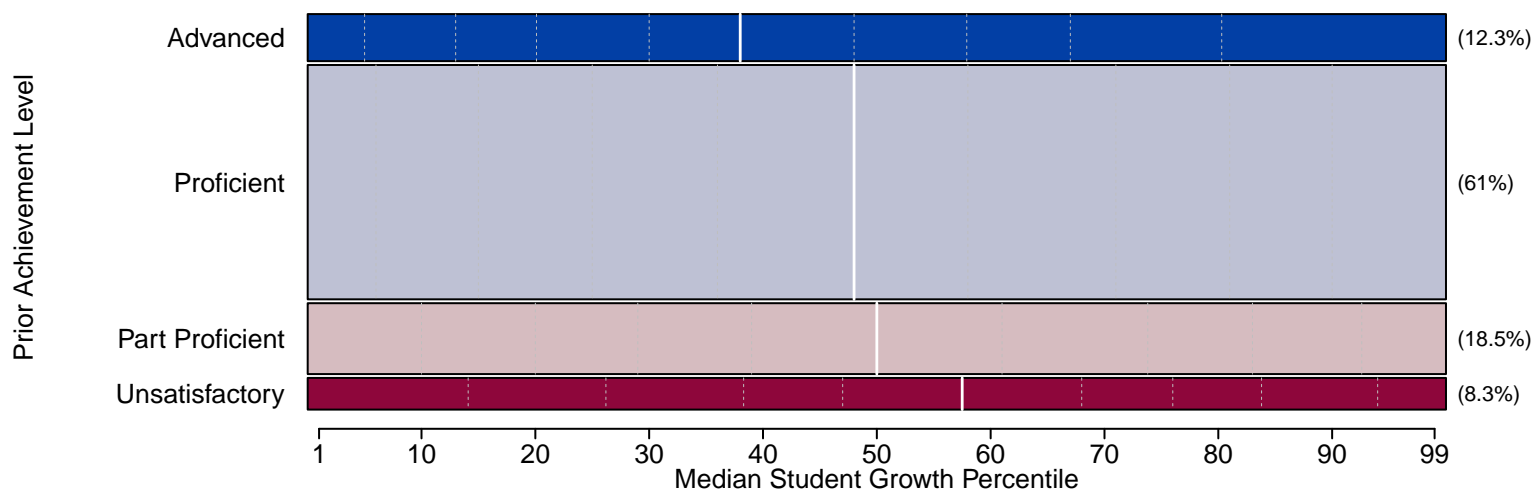


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Reading SGP SIMEX, Grade 9 (N = 4,144)

## 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:	[350,526]	39.1	30.4	17.4	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 23
		[526,543]	17.9	17.9	21.4	0.0	14.3	14.3	14.3	0.0	0.0	0.0	0.0	0.0	N = 28
	Highest OSS:	[760,769]	4.2	0.0	0.0	0.0	0.0	8.3	16.7	8.3	12.5	33.3	8.3	8.3	N = 24
		[769,813]	0.0	0.0	0.0	0.0	0.0	3.7	3.7	14.8	7.4	14.8	29.6	25.9	N = 27

## 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/[330,587]	7.28	6.55	9.47	8.98	10.68	10.19	10.19	10.68	11.65	14.32	(9.9%)	
	2nd/[587,619]	9.93	10.65	11.38	8.47	8.96	8.96	8.23	8.72	11.38	13.32	(10%)	
	3rd/[619,637]	9.50	10.75	11.25	8.25	8.50	11.00	8.25	7.50	10.00	15.00	(9.7%)	
	4th/[637,654]	11.83	9.74	9.98	9.28	7.66	9.28	6.96	10.21	10.90	14.15	(10.4%)	
	5th/[654,668]	13.83	10.62	7.41	9.88	8.40	7.65	6.67	9.14	13.09	13.33	(9.8%)	
	6th/[668,679]	12.06	9.30	9.30	12.06	9.30	8.54	10.05	8.29	12.06	9.05	(9.6%)	
	7th/[679,692]	14.25	12.32	10.39	7.25	8.70	10.63	7.25	9.66	9.90	9.66	(10%)	
	8th/[692,708]	15.79	11.44	10.98	10.53	7.32	8.01	8.24	8.24	12.36	7.09	(10.5%)	
	9th/[708,729]	16.83	11.95	9.27	7.32	10.49	8.54	8.78	9.02	7.56	10.24	(9.9%)	
	10th/[729,870]	15.80	13.92	10.14	13.68	9.67	10.61	8.49	6.60	5.66	5.42	(10.2%)	

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

## QQ-Plot: Student Growth Percentiles

