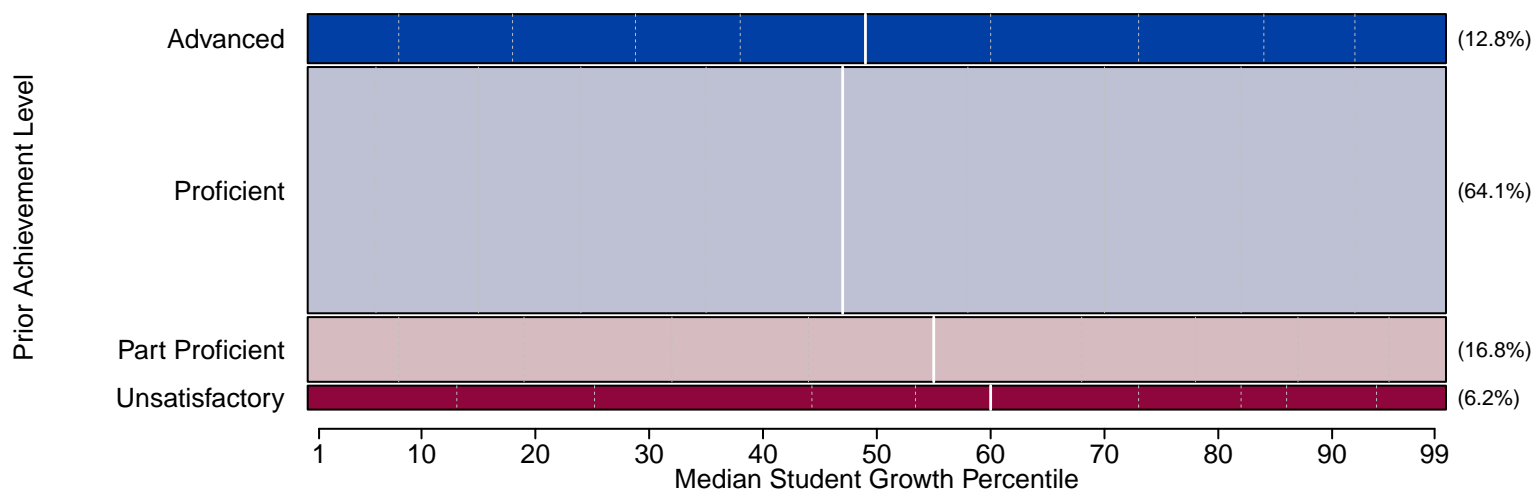


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Reading SGP SIMEX, Grade 7 (N = 4,042)

## 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:	[300,471]	47.8	17.4	13.0	0.0	8.7	0.0	8.7	0.0	0.0	4.3	0.0	0.0	N = 23
		[471,497]	22.2	7.4	14.8	0.0	3.7	7.4	18.5	7.4	7.4	11.1	0.0	0.0	N = 27
	Highest OSS:	[771,787]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	16.0	12.0	64.0	N = 25
		[787,863]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	15.4	11.5	65.4	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/[260,562]	9.20	8.96	6.97	5.22	8.71	10.45	7.71	10.70	16.17	15.92	(9.9%)	
	2nd/[562,593]	10.67	10.42	7.94	7.94	10.67	7.44	9.18	10.92	7.69	17.12	(10%)	
	3rd/[593,612]	9.57	9.57	8.82	8.31	8.31	8.82	8.82	8.82	13.85	15.11	(9.8%)	
	4th/[612,627]	11.98	11.49	8.31	10.76	9.05	8.80	8.31	8.56	10.02	12.71	(10.1%)	
	5th/[627,640]	10.73	14.15	11.95	7.07	8.05	10.73	6.59	9.27	9.02	12.44	(10.1%)	
	6th/[640,654]	19.06	9.41	7.92	7.67	9.41	6.68	10.64	7.67	11.14	10.40	(10%)	
	7th/[654,666]	15.60	9.97	8.18	7.16	9.97	11.76	7.67	8.70	7.67	13.30	(9.7%)	
	8th/[666,681]	17.46	11.97	9.23	7.98	7.98	7.73	9.48	7.98	6.23	13.97	(9.9%)	
	9th/[681,703]	12.80	13.53	9.66	10.39	8.21	7.00	10.14	7.49	10.39	10.39	(10.2%)	
	10th/[703,825]	13.38	8.76	8.03	10.71	8.27	9.73	8.52	8.27	10.71	13.63	(10.2%)	

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

## QQ-Plot: Student Growth Percentiles

