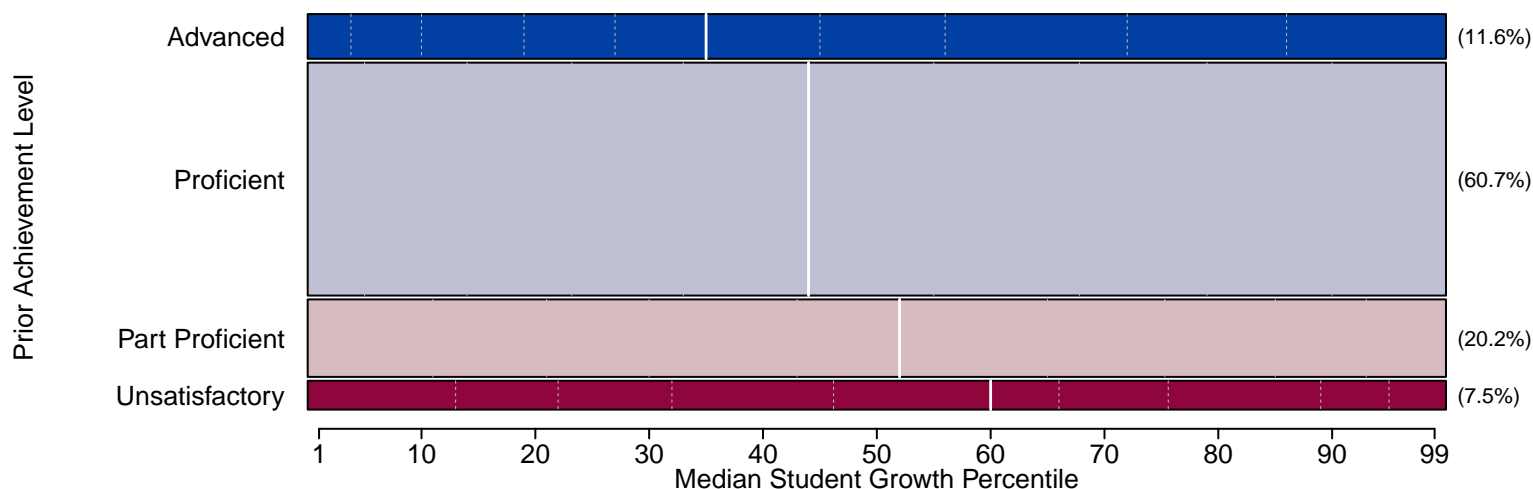


# Student Growth Percentile Goodness-of-Fit Descriptives

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]	42.3	15.4	15.4	15.4	3.8	7.7	0.0	0.0	0.0	0.0	0.0	N = 26	
		[500,522]	23.1	3.8	30.8	15.4	7.7	7.7	0.0	7.7	3.8	0.0	0.0	N = 26	
	Highest OSS:	[763,781]	0.0	0.0	0.0	0.0	4.0	0.0	12.0	0.0	24.0	32.0	8.0	N = 25	
		[781,839]	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	7.7	23.1	19.2	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	9.98	7.48	8.23	8.98	6.48	12.47	10.72	8.73	18.70	(9.7%)	
	2nd/[578,605]	9.09	8.61	13.40	8.61	9.57	6.22	6.70	11.00	12.44	14.35	(10.2%)	
	3rd/[605,624]	10.62	12.10	8.15	7.16	8.64	12.10	8.89	9.88	8.15	14.32	(9.8%)	
	4th/[624,638]	10.38	9.87	8.86	9.62	8.10	11.14	11.14	9.11	11.14	10.63	(9.6%)	
	5th/[638,651]	14.29	9.11	9.36	10.59	9.11	9.61	6.90	10.59	9.36	11.08	(9.9%)	
	6th/[651,665]	13.08	8.64	10.51	10.75	9.35	8.41	7.01	9.11	9.11	14.02	(10.4%)	
	7th/[665,680]	15.18	12.77	10.12	10.36	8.92	8.67	6.75	8.67	8.19	10.36	(10.1%)	
	8th/[680,698]	15.68	13.30	8.79	10.45	9.26	8.31	7.84	9.50	5.70	11.16	(10.2%)	
	9th/[698,720]	22.82	13.83	8.74	9.47	7.77	8.98	7.52	5.83	8.01	7.04	(10%)	
	10th/[720,863]	18.45	11.89	11.65	12.38	7.77	9.95	6.55	7.28	8.74	5.34	(10%)	

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

## QQ-Plot: Student Growth Percentiles

