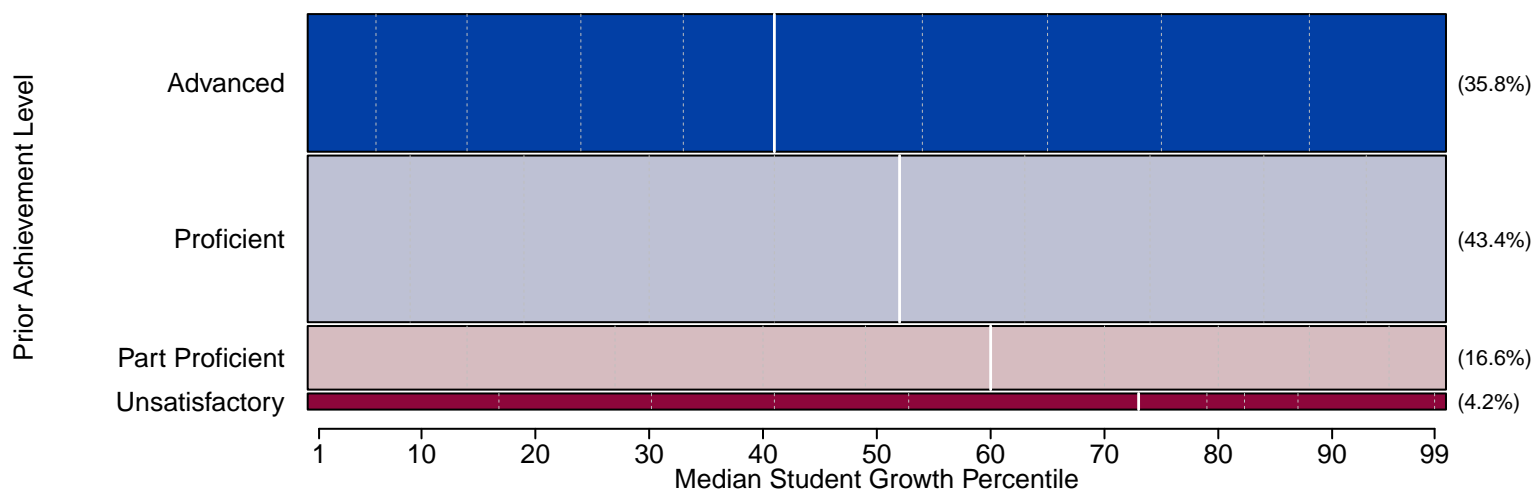


# Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP SIMEX, Grade 4 (N = 4,045)

## SGP Deciles by Prior Achievement Level (Mathematics)



## 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:	[213,300]	32.0	16.0	8.0	20.0	16.0	0.0	0.0	0.0	8.0	0.0	0.0	N = 25	
		[300,325]	32.0	12.0	8.0	8.0	4.0	4.0	4.0	8.0	16.0	4.0	0.0	N = 25	
	Highest OSS:	[682,704]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	24.0	N = 25	
		[704,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	N = 26	96.2

## 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/[150,379]	6.47	6.97	7.71	7.46	11.44	6.72	7.21	12.69	16.17	17.16	(9.9%)
	2nd/[379,417]	8.89	5.68	9.14	5.93	10.12	9.38	10.86	9.14	14.32	16.54	(10%)
	3rd/[417,443]	8.25	11.00	7.75	8.50	7.25	11.75	8.50	9.75	13.50	13.75	(9.9%)
	4th/[443,463]	11.34	9.57	6.80	9.82	9.32	8.82	7.05	9.82	12.85	14.61	(9.8%)
	5th/[463,483]	9.13	8.89	10.34	7.93	9.62	7.45	9.13	10.82	12.02	14.66	(10.3%)
	6th/[483,501]	11.90	10.38	8.61	11.14	8.10	9.11	10.13	9.62	7.85	13.16	(9.8%)
	7th/[501,522]	14.11	10.46	9.49	11.44	9.49	9.25	7.54	7.06	10.71	10.46	(10.2%)
	8th/[522,547]	14.00	12.78	8.35	12.29	8.35	4.67	12.29	8.60	8.11	10.57	(10.1%)
	9th/[547,590]	16.08	11.31	9.05	13.07	8.04	8.29	9.55	7.79	8.54	8.29	(9.8%)
	10th/[590,700]	12.56	11.59	12.32	9.90	12.08	9.42	7.49	9.18	7.97	7.49	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

