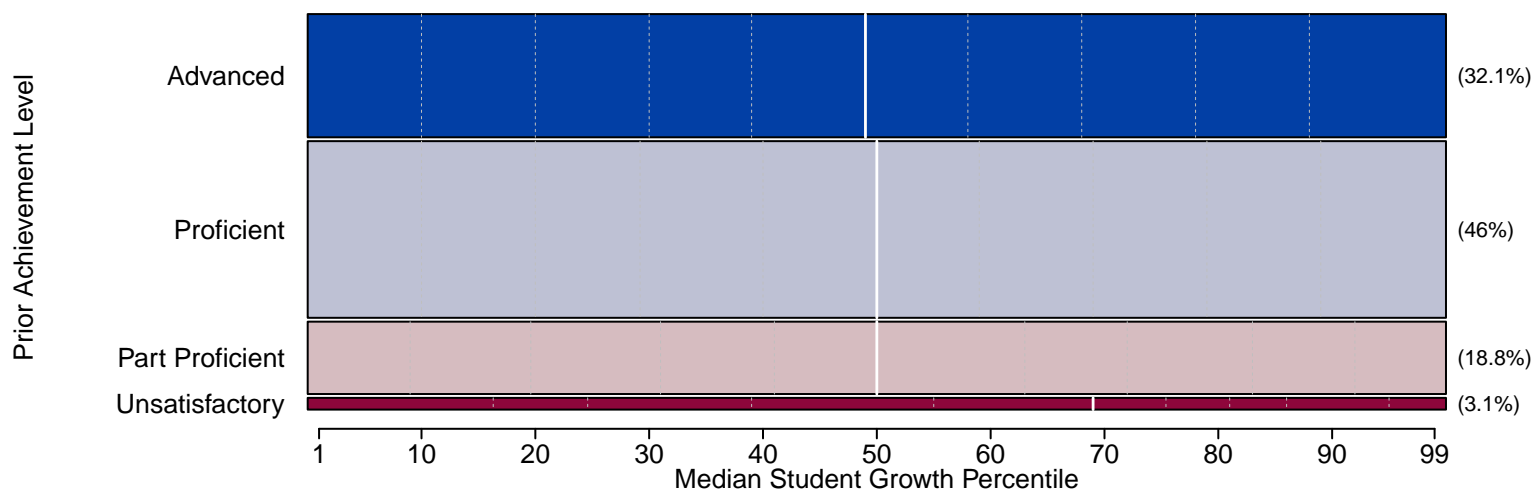


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX Ranked, Grade 4 (N = 4,054)

## 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:	[191,311]	50.0	3.8	23.1	7.7	3.8	0.0	0.0	0.0	3.8	3.8	0.0	3.8	N = 26
		[311,334]	25.9	14.8	25.9	0.0	3.7	11.1	3.7	0.0	14.8	0.0	0.0	0.0	N = 27
	Highest OSS:	[684,721]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	28.6	57.1	N = 21
		[721,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	N = 29

## 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/[150,381]	7.67	8.91	9.65	7.67	10.40	6.68	8.42	11.88	12.87	15.84	(10%)
	2nd/[381,414]	11.39	11.63	8.17	9.41	9.65	8.17	9.90	10.15	8.91	12.62	(10%)
	3rd/[414,437]	7.89	9.16	9.92	10.69	9.67	11.70	11.45	8.91	9.41	11.20	(9.7%)
	4th/[437,457]	9.98	9.98	10.93	8.31	8.79	10.45	9.74	11.40	9.50	10.93	(10.4%)
	5th/[457,476]	7.65	10.82	11.61	10.82	11.61	9.76	9.23	7.92	9.76	10.82	(9.3%)
	6th/[476,495]	10.74	9.79	11.46	9.31	10.26	8.83	10.74	11.22	8.83	8.83	(10.3%)
	7th/[495,515]	9.88	8.92	8.92	10.12	10.60	11.33	11.81	8.67	11.57	8.19	(10.2%)
	8th/[515,538]	9.90	9.39	9.39	12.94	9.64	12.44	9.39	8.88	9.39	8.63	(9.7%)
	9th/[538,576]	9.05	11.49	9.29	11.49	9.78	10.76	9.29	11.00	9.05	8.80	(10.1%)
	10th/[576,700]	11.06	9.62	10.10	9.62	9.62	10.34	9.38	10.58	9.86	9.86	(10.3%)

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

## QQ-Plot: Student Growth Percentiles

