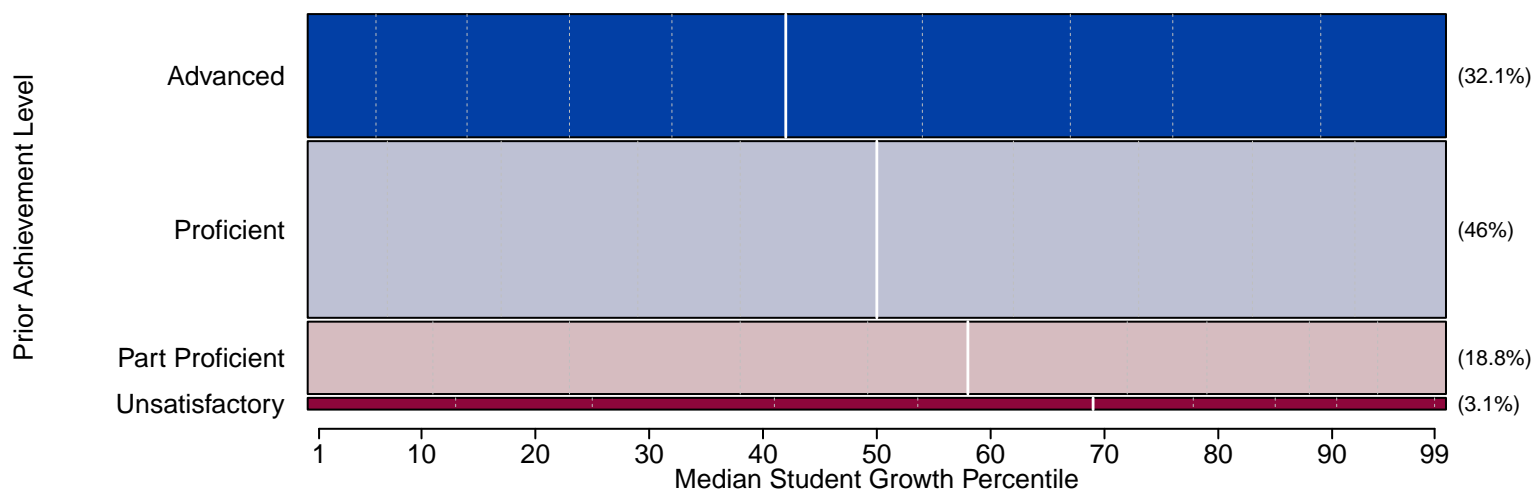


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX, 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	26.9	7.7	3.8	0.0	0.0	3.8	0.0	0.0	0.0	3.8	N = 26
		[311,334]	25.9	14.8	22.2	3.7	7.4	7.4	7.4	3.7	7.4	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	28.6	14.3	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	13.8	86.2	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]	6.44	8.17	8.17	5.94	7.92	10.89	4.21	14.60	12.38	21.29	(10%)
	2nd/[381,414]	10.64	10.64	6.68	4.70	9.41	10.89	5.45	13.61	12.13	15.84	(10%)
	3rd/[414,437]	8.65	9.16	5.85	11.20	8.40	9.92	10.18	12.21	9.41	15.01	(9.7%)
	4th/[437,457]	13.06	9.98	7.84	9.26	7.13	9.26	6.65	11.64	11.16	14.01	(10.4%)
	5th/[457,476]	10.29	12.14	7.65	11.87	10.55	7.39	7.92	7.92	11.08	13.19	(9.3%)
	6th/[476,495]	13.60	10.50	9.55	9.31	8.35	7.40	8.59	10.74	10.50	11.46	(10.3%)
	7th/[495,515]	13.98	9.16	6.75	10.12	11.57	8.92	11.08	6.75	10.12	11.57	(10.2%)
	8th/[515,538]	14.21	11.17	11.68	8.12	11.93	8.38	8.38	7.87	9.64	8.63	(9.7%)
	9th/[538,576]	15.16	11.49	13.94	6.36	10.02	7.58	9.05	9.05	8.31	9.05	(10.1%)
	10th/[576,700]	14.18	9.86	14.90	7.45	10.10	6.97	8.89	9.62	7.93	10.10	(10.3%)

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

## QQ-Plot: Student Growth Percentiles

