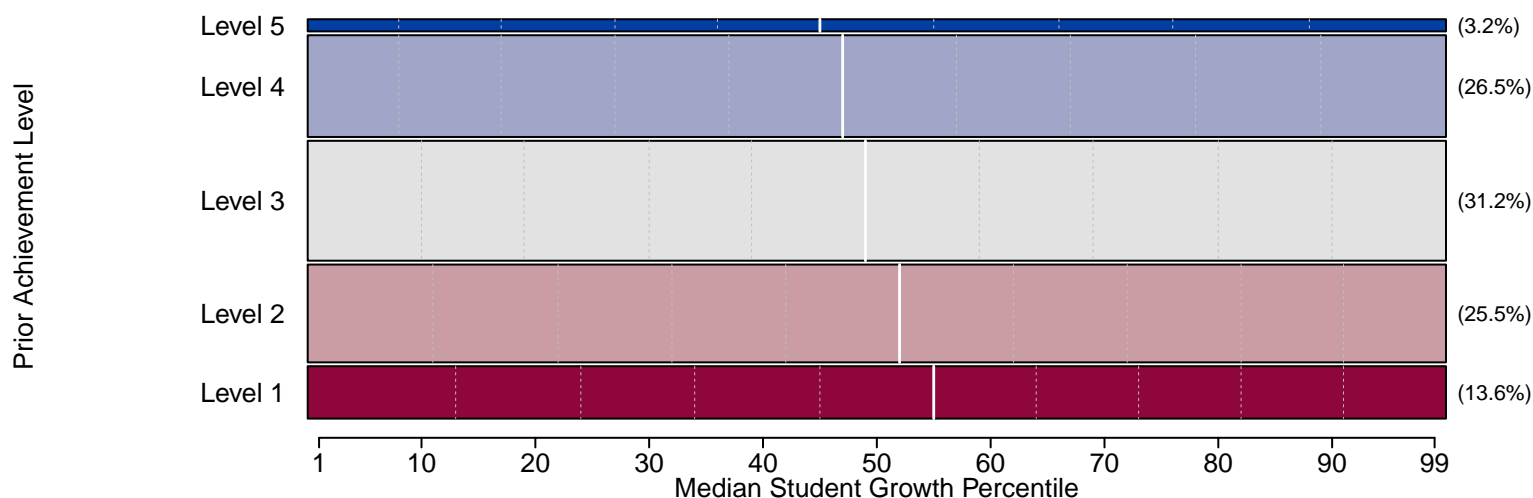


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Mathematics SGP SIMEX Ranked, Grade 7 (N = 369,843)

## 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: [-15]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 261	
	Highest OSS: [4.62,5.04]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	4.8	9.5	28.6	52.4	N = 21	
	[5.04,15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	4.5	4.5	9.1	77.3	N = 44	

## 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 Score Decile/Range*	1st/[-15,-1.57]	6.75	8.35	9.29	9.84	9.65	10.39	10.64	11.41	11.37	12.30	(9.7%)
	2nd/[-1.57,-1.1]	7.77	9.29	9.29	10.01	10.05	10.47	10.19	10.65	10.73	11.55	(10.2%)
	3rd/[-1.1,-0.794]	8.08	9.37	9.85	9.58	9.76	10.02	10.02	10.43	11.00	11.90	(9.7%)
	4th/[-0.794,-0.472]	8.81	9.90	9.89	9.98	9.86	10.16	9.96	10.16	10.30	10.97	(10.3%)
	5th/[-0.472,-0.203]	9.76	10.45	10.16	9.93	9.96	10.08	10.16	9.84	9.56	10.09	(9.5%)
	6th/[-0.203,0.0932]	9.80	9.93	9.78	10.45	10.06	10.11	9.96	9.79	9.88	10.22	(10.6%)
	7th/[0.0932,0.391]	10.24	10.21	9.79	10.17	9.66	9.95	10.08	9.52	9.93	10.45	(9.8%)
	8th/[0.391,0.736]	10.64	10.71	10.33	10.10	9.96	9.75	9.47	9.46	9.58	10.00	(10.2%)
	9th/[0.736,1.21]	11.77	10.89	10.44	10.08	9.77	9.59	9.90	9.34	9.11	9.12	(10%)
	10th/[1.21,15]	11.28	11.11	10.49	10.40	10.33	9.92	9.59	9.33	8.91	8.63	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

