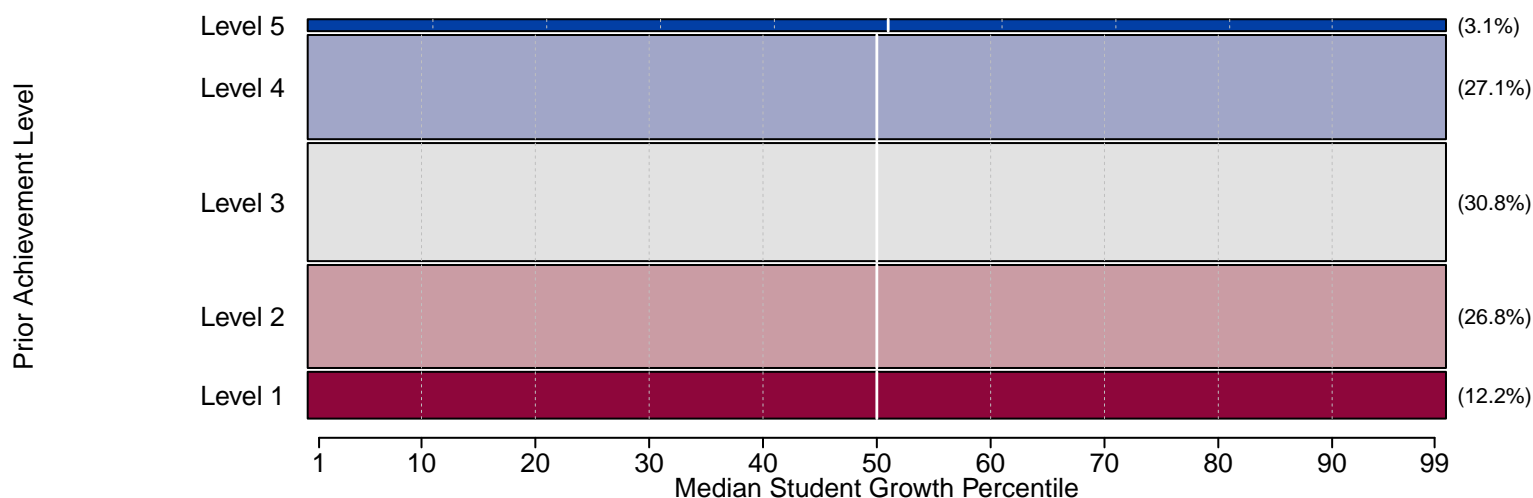


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016.2 Mathematics SGP, Grade 7 (N = 391,096)

## 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 = 242
	Highest OSS: [4.842,5.346]	0.0	0.0	0.0	0.0	0.0	0.0	4.3	8.7	8.7	4.3	17.4	56.5	N = 23
	[5.346,15]	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	8.8	2.9	85.3	N = 34

## Student Growth Percentile Range

Prior Score Decile/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	
1st/[-10,-1.383]	10.02	9.86	10.09	10.03	9.60	10.36	9.81	9.81	10.01	10.42	(9.8%)
2nd/[-1.383,-0.9686]	8.91	10.10	9.85	9.98	10.46	9.59	10.33	10.22	10.00	10.56	(10.2%)
3rd/[-0.9686,-0.6555]	9.42	10.00	9.93	9.99	9.85	10.21	9.68	10.14	10.06	10.71	(10%)
4th/[-0.6555,-0.3714]	9.74	9.92	10.02	10.02	10.14	9.77	10.30	9.86	9.90	10.33	(10%)
5th/[-0.3714,-0.1009]	9.86	9.99	10.40	9.80	9.96	10.03	9.75	9.86	10.04	10.31	(10%)
6th/[-0.1009,0.1893]	8.98	10.15	9.98	10.24	9.66	10.32	10.01	10.06	9.97	10.63	(10%)
7th/[0.1893,0.4824]	9.04	10.03	9.78	10.04	10.22	10.08	10.22	9.97	10.02	10.59	(10%)
8th/[0.4824,0.8275]	9.96	9.80	9.79	9.88	10.16	9.51	10.03	10.27	10.15	10.45	(10%)
9th/[0.8275,1.271]	10.14	10.21	10.24	9.79	9.85	10.15	9.72	9.55	9.76	10.60	(10%)
10th/[1.271,15]	9.01	9.91	10.01	10.16	10.06	10.02	10.13	10.22	10.09	10.39	(10%)

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

## QQ-Plot: Student Growth Percentiles

