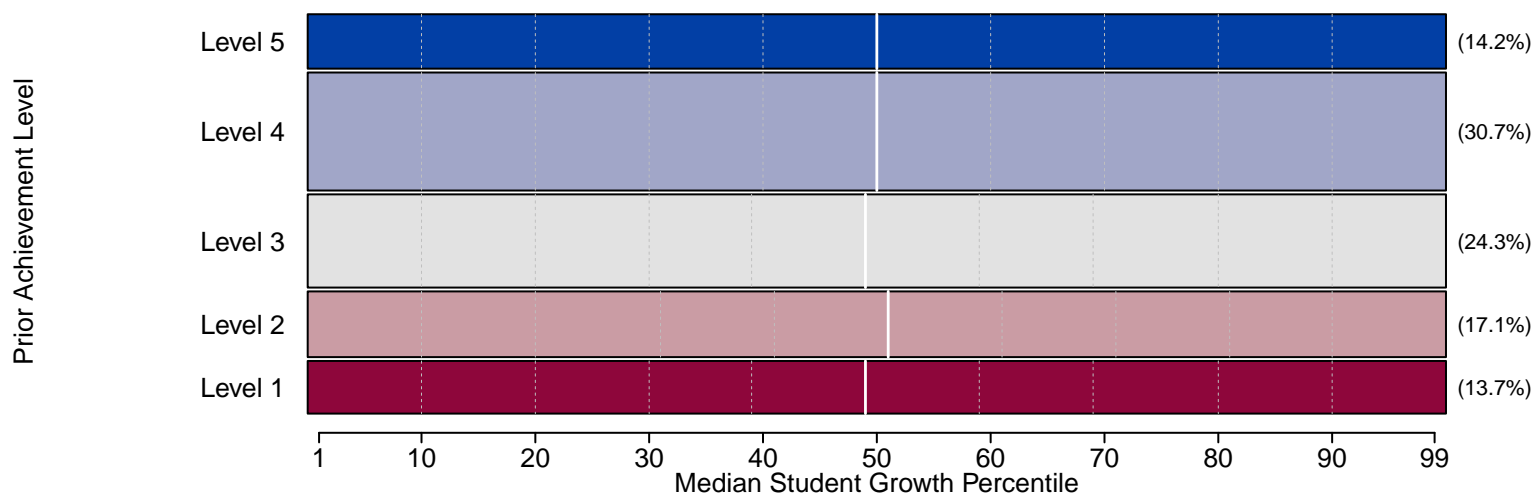


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 ELA SGP, Grade 8 (N = 319,438)

## SGP Deciles by Prior Achievement Level (ELA)



## 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,-4.84]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 22
		[-4.8435]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 28
	Highest OSS:	[5.035,5.209]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	92.6	N = 27
		[5.209,15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	95.1	N = 41

## 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/[-15,-1.486]	9.90	10.16	10.14	10.27	10.25	10.07	9.85	9.69	9.57	10.11	(9.8%)
2nd/[-1.486,-0.9245]	9.38	9.90	9.86	9.92	9.68	9.76	9.87	10.07	10.39	11.17	(10.1%)
3rd/[-0.9245,-0.5208]	9.13	9.85	9.71	9.70	9.89	10.20	10.35	10.10	10.30	10.77	(10.1%)
4th/[-0.5208,-0.2082]	9.92	9.99	10.16	10.06	10.10	10.06	9.83	9.85	9.65	10.37	(9.9%)
5th/[-0.2082,0.0868]	9.50	10.27	10.07	10.35	9.92	10.16	9.79	9.77	9.76	10.41	(9.9%)
6th/[0.0868,0.3713]	9.57	9.94	10.03	10.03	10.20	9.58	10.08	10.20	9.96	10.43	(9.9%)
7th/[0.3713,0.6599]	9.32	9.90	10.01	9.79	9.84	10.26	9.95	9.98	10.25	10.71	(10%)
8th/[0.6599,1.016]	9.66	9.91	9.93	10.00	9.91	10.10	9.94	9.93	10.06	10.56	(10.3%)
9th/[1.016,1.477]	9.52	10.18	9.96	10.15	9.83	9.89	10.02	9.89	10.05	10.51	(10%)
10th/[1.477,15]	9.52	9.96	10.07	9.96	10.16	9.97	9.95	10.10	9.89	10.41	(10%)

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

## QQ-Plot: Student Growth Percentiles

