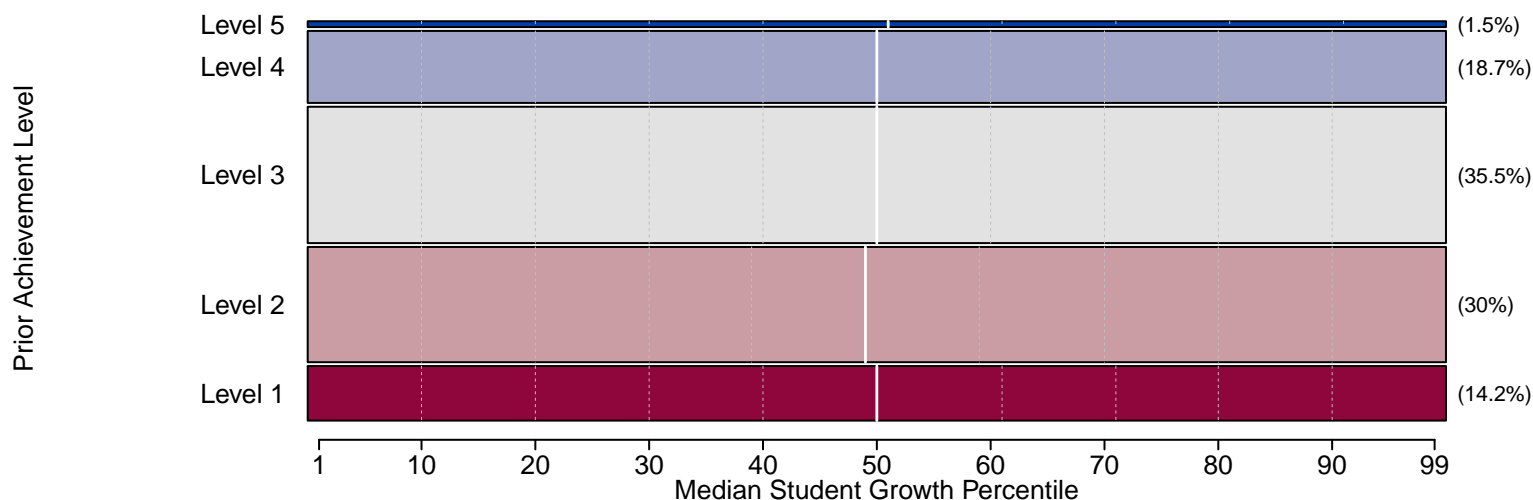


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Mathematics SGP, Grade 8 (N = 290,655)

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 = 88	
	Highest OSS: [4.96,5.53]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	9.1	13.6	68.2	N = 22	
	[5.53,15]	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	12.5	3.1	81.2	N = 32	

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,-1.65]	9.35	9.86	9.60	9.86	9.77	10.02	10.02	10.09	10.42	11.00	(9.7%)
2nd/[-1.65,-1.2)	9.64	10.55	10.62	10.18	10.12	9.72	9.82	9.87	9.55	9.94	(9.5%)
3rd/[-1.2,-0.885]	10.10	10.07	10.21	10.09	9.95	10.11	9.68	9.74	9.70	10.36	(10.2%)
4th/[-0.885,-0.599]	9.39	9.66	10.07	10.13	9.82	10.24	10.24	9.96	10.03	10.47	(10.1%)
5th/[-0.599,-0.305]	9.37	10.19	9.92	9.83	10.07	9.63	9.93	10.04	9.91	11.11	(10.4%)
6th/[-0.305,-0.0774]	9.44	9.87	9.72	9.97	9.92	10.10	10.16	10.21	10.33	10.29	(9.2%)
7th/[-0.0774,0.233]	9.57	10.10	9.81	9.83	10.03	9.91	9.80	10.09	10.37	10.48	(10.6%)
8th/[0.233,0.579]	9.63	9.99	10.26	10.24	9.98	10.13	10.10	9.73	9.47	10.45	(10%)
9th/[0.579,1.04]	9.55	9.96	10.03	9.74	9.87	9.78	9.86	9.92	10.15	11.15	(10.1%)
10th/[1.04,5.59]	9.55	10.06	9.90	10.07	10.03	10.09	10.07	10.03	10.02	10.18	(10.1%)

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

QQ-Plot: Student Growth Percentiles

