Student Growth Percentile Goodness–of–Fit Descriptives
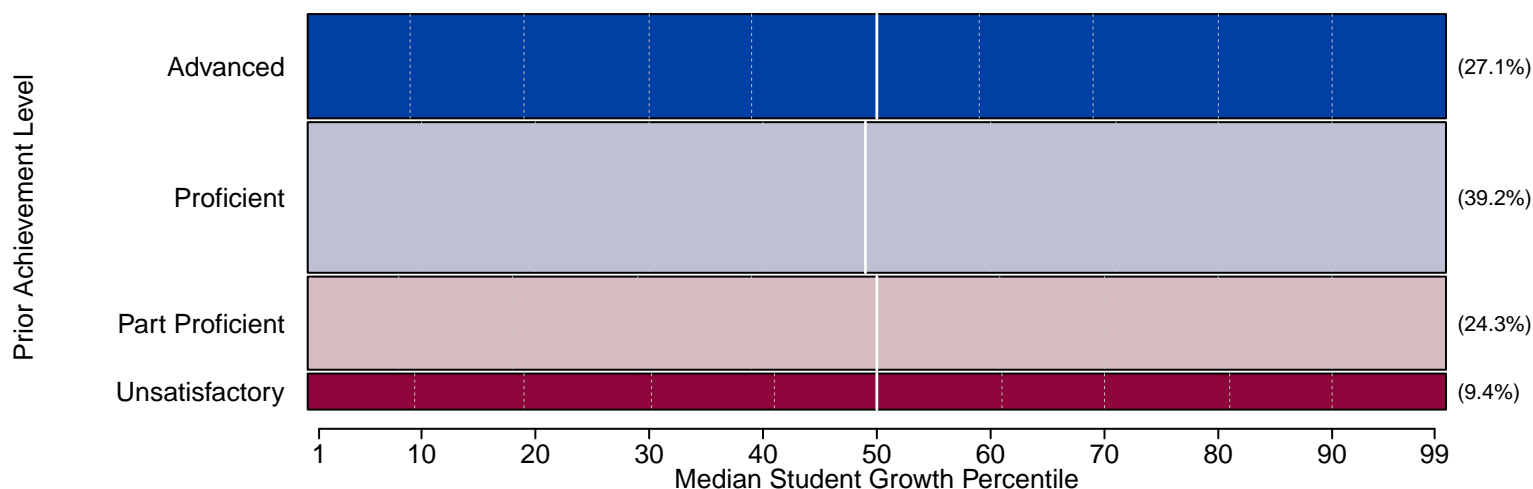## 2019 ELA SGP, Grade 8 (N = 5,810)

SGP Deciles by Prior Achievement Level (ELA)

Prior Achievement Level	
Advanced	(27.1%)
Proficient	(39.2%)
Part Proficient	(24.3%)
Unsatisfactory	(9.4%)

Median Student Growth Percentile

Ceiling / Floor Effects Test

Student Growth Percentile Range

Current Observed Score Extremes (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	
Lowest OSS:	[418,437]	92.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[437,444]	52.3	27.3	18.2	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	N = 44
Highest OSS:	[606]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	15.9	79.5	N = 44
	(606,639]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	60.0	N = 10

Student Growth Percentile Range

Prior Scale Score Decile/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/[384,471]	10.09	10.09	8.81	9.91	10.09	10.46	10.09	8.99	10.64	10.83	(9.4%)
2nd/[471,487]	10.40	9.41	9.90	10.40	9.74	9.74	9.74	9.57	11.06	10.07	(10.4%)
3rd/[487,496]	12.07	9.27	9.05	8.62	9.91	8.41	10.56	11.64	10.78	9.70	(8%)
4th/[496,506]	9.22	11.77	9.79	9.22	8.65	11.77	9.65	9.08	10.50	10.35	(12.1%)
5th/[506,513]	9.73	10.99	8.29	12.61	10.09	9.91	9.37	8.83	10.81	9.37	(9.6%)
6th/[513,521]	8.63	8.46	12.69	10.49	6.77	7.61	9.64	9.81	13.37	12.52	(10.2%)
7th/[521,529]	10.27	9.20	9.91	7.79	14.34	7.26	11.15	10.62	9.56	9.91	(9.7%)
8th/[529,536]	9.83	11.75	8.87	12.71	11.03	11.99	7.91	9.35	9.11	7.43	(7.2%)
9th/[536,553]	8.69	10.07	9.24	8.83	9.38	10.48	10.76	8.69	11.45	12.41	(12.5%)
10th/[553,636]	12.24	9.58	10.68	10.99	9.73	8.95	9.58	10.52	8.95	8.79	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution / Empirical SGP Distribution