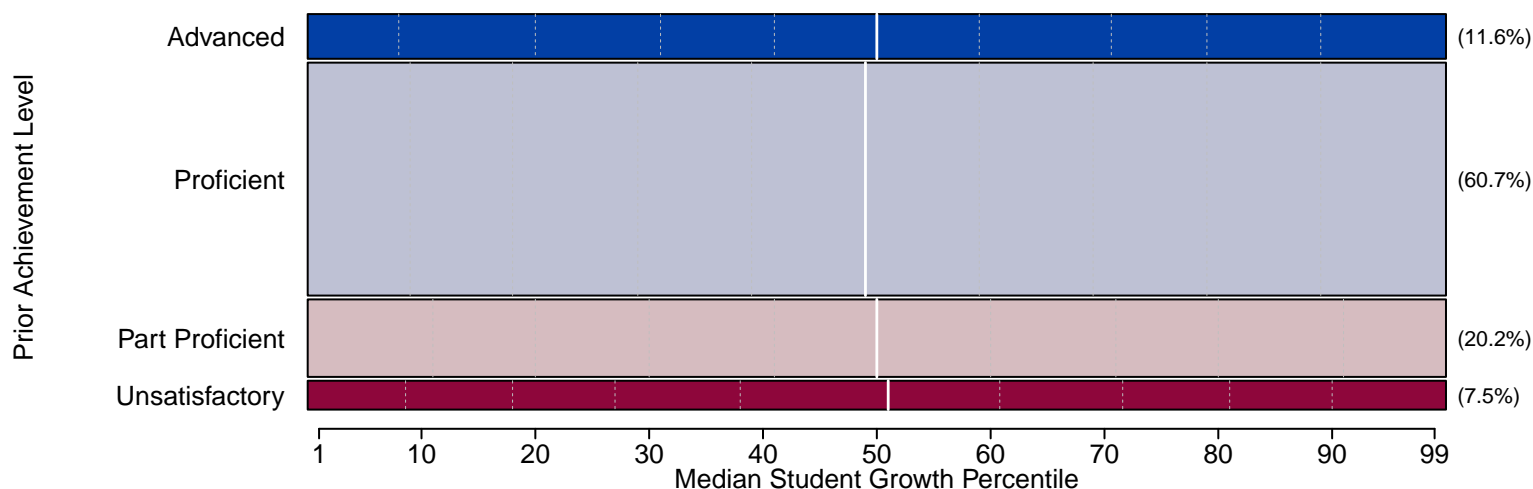# Student Growth Percentile Goodness–of–Fit Descriptives

2016–2017 Reading SGP, Grade 8 (N = 4,113)

SGP Deciles by Prior Achievement Level (Reading)

Prior Achievement Level

	Median Student Growth Percentile	
Advanced		(11.6%)
Proficient		(60.7%)
Part Proficient		(20.2%)
Unsatisfactory		(7.5%)

1   10   20   30   40   50   60   70   80   90   99

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:	[330,500]	57.7	15.4	7.7	11.5	3.8	0.0	3.8	0.0	0.0	0.0	0.0	0.0	N = 26
	[500,522]	30.8	7.7	30.8	7.7	15.4	0.0	3.8	3.8	0.0	0.0	0.0	0.0	N = 26
Highest OSS:	[763,781]	0.0	0.0	0.0	0.0	4.0	0.0	4.0	8.0	8.0	28.0	28.0	20.0	N = 25
	[781,839]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	23.1	50.0	N = 26

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/[300,578]	11.22	9.48	9.73	8.23	8.48	10.47	9.48	10.97	11.47	10.47	(9.7%)
2nd/[578,605]	9.81	10.05	10.77	10.53	11.24	8.61	8.61	9.09	9.33	11.96	(10.2%)
3rd/[605,624]	9.14	12.84	9.14	7.16	10.37	11.11	9.88	10.12	8.64	11.60	(9.8%)
4th/[624,638]	8.35	9.11	11.39	9.62	9.62	9.37	12.41	9.62	9.87	10.63	(9.6%)
5th/[638,651]	12.07	9.36	9.61	12.32	8.62	10.34	8.37	10.84	10.10	8.37	(9.9%)
6th/[651,665]	9.81	10.05	10.05	9.11	10.98	10.28	9.35	9.81	9.11	11.45	(10.4%)
7th/[665,680]	10.84	10.84	9.88	10.36	11.08	10.12	9.64	8.19	10.60	8.43	(10.1%)
8th/[680,698]	9.74	10.69	9.98	8.31	10.93	9.50	9.03	10.93	9.98	10.93	(10.2%)
9th/[698,720]	12.14	11.89	9.71	8.50	9.22	8.98	8.74	10.92	10.44	9.47	(10%)
10th/[720,863]	10.68	7.04	9.95	10.44	10.92	10.92	8.98	11.89	10.44	8.74	(10%)

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

QQ–Plot: Student Growth Percentiles