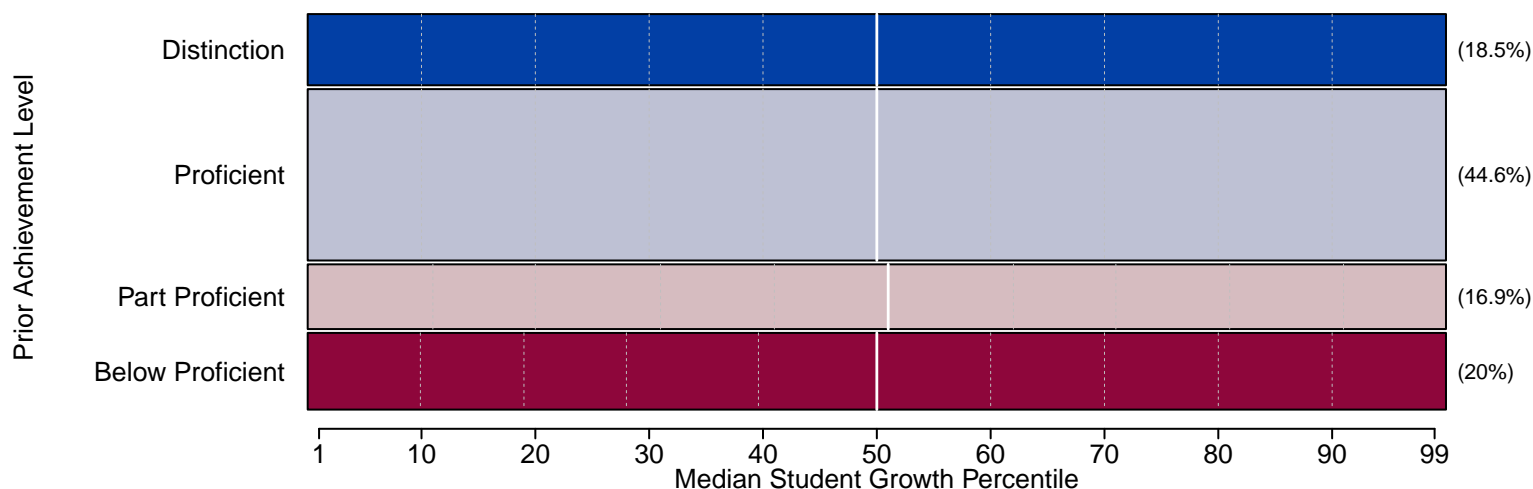# Student Growth Percentile Goodness–of–Fit Descriptives
2012–2013 Mathematics SGP, Grade 6 (N = 10,064)

SGP Deciles by Prior Achievement Level (Mathematics)

Prior Achievement Level	Median Student Growth Percentile	
Distinction		(18.5%)
Proficient		(44.6%)
Part Proficient		(16.9%)
Below Proficient		(20%)

Median Student Growth Percentile: 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:	[0]	51.4	14.2	29.1	4.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 148
Highest OSS:	[72]	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	13.0	19.6	21.7	37.0	N = 46
	(72,80]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	12.2	14.6	65.9	N = 41

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/[0,27)	9.99	10.09	10.30	9.47	10.51	9.47	9.47	10.09	9.47	11.13	(9.5%)
2nd/[27,33)	10.01	10.39	10.49	9.25	9.06	9.34	10.39	9.63	10.87	10.58	(10.4%)
3rd/[33,37)	9.21	9.33	8.13	10.77	11.00	9.69	10.41	10.29	8.49	12.68	(8.3%)
4th/[37,41)	9.50	10.30	9.41	9.23	10.04	10.13	9.95	10.48	11.02	9.95	(11.1%)
5th/[41,44)	11.15	10.40	11.04	9.24	9.45	9.34	9.45	9.87	9.66	10.40	(9.4%)
6th/[44,47)	9.68	8.91	10.78	10.45	10.01	10.78	10.34	8.69	10.89	9.46	(9%)
7th/[47,50)	9.34	10.38	8.81	10.03	10.12	10.30	9.86	10.73	9.16	11.26	(11.4%)
8th/[50,53)	9.75	9.39	9.63	9.75	9.87	10.47	9.63	10.11	11.43	9.99	(8.3%)
9th/[53,58)	8.90	10.72	11.06	10.89	9.51	9.51	8.82	9.77	9.51	11.32	(11.5%)
10th/[58,80]	9.49	9.67	9.31	9.31	10.65	10.83	10.47	10.65	10.12	9.49	(11.1%)

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

QQ–Plot: Student Growth Percentiles