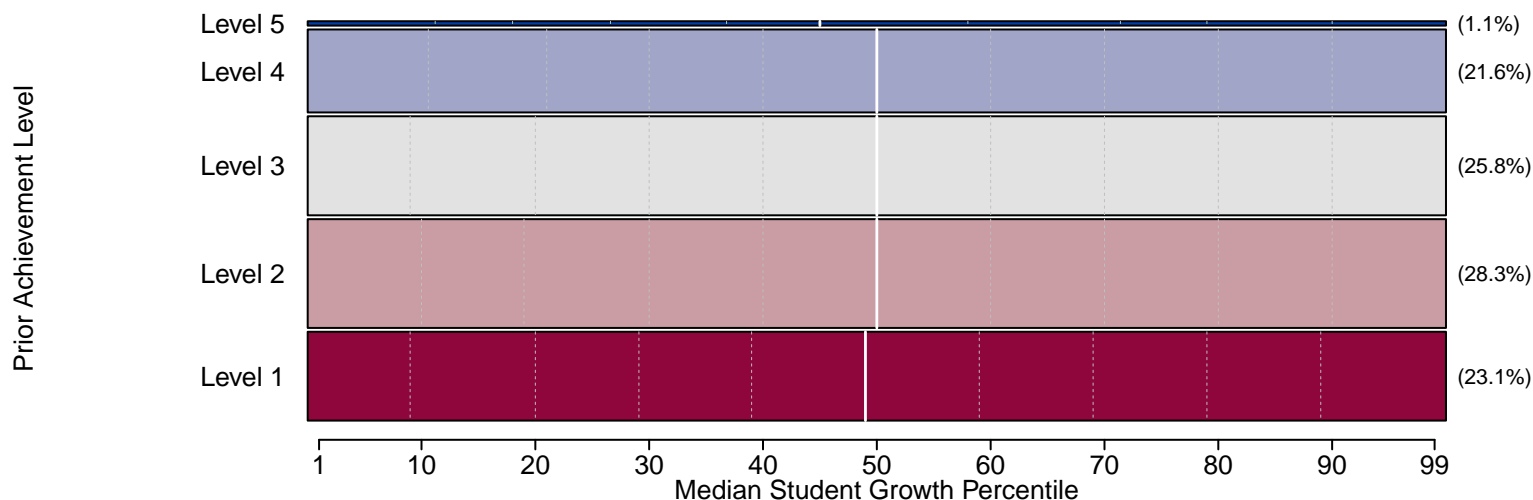# Student Growth Percentile Goodness–of–Fit Descriptives
2015–2016.2 Integrated Math 1 SS SGP, Grade EOCT (N = 12,528)

SGP Deciles by Prior Achievement Level (Mathematics SS)

Prior Achievement Level

Level	(%)
Level 5	(1.1%)
Level 4	(21.6%)
Level 3	(25.8%)
Level 2	(28.3%)
Level 1	(23.1%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

Ceiling / Floor Effects Test

Current Observed Score Extremes (Range)

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	
Lowest OSS:	[650]	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 = 128
Highest OSS:	[819,826)	0.0	0.0	0.0	3.8	0.0	11.5	3.8	3.8	19.2	19.2	15.4	23.1	N = 26
	[826,850]	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.0	11.5	15.4	19.2	34.6	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/[650,682)	10.51	9.15	9.66	12.05	9.06	10.77	8.72	10.26	9.40	10.43	(9.3%)
2nd/[682,696)	10.24	11.19	10.72	9.30	9.14	9.61	10.24	9.14	10.64	9.77	(10.1%)
3rd/[696,707)	9.10	8.80	10.41	9.41	9.87	9.72	9.56	12.01	9.41	11.71	(10.4%)
4th/[707,715)	8.30	11.19	11.63	9.70	9.70	12.06	9.53	7.34	10.75	9.79	(9.1%)
5th/[715,723)	10.61	11.09	7.82	9.90	12.05	8.38	9.90	11.33	9.26	9.66	(10%)
6th/[723,732)	8.99	8.99	9.68	10.45	9.06	11.29	9.91	10.52	10.37	10.75	(10.4%)
7th/[732,742)	10.06	9.73	11.71	9.48	10.47	9.98	9.65	8.74	9.98	10.22	(9.7%)
8th/[742,753)	10.77	9.78	9.17	11.22	9.55	8.87	9.93	11.07	8.95	10.69	(10.5%)
9th/[753,769)	8.35	10.77	9.84	9.76	11.24	10.15	9.21	9.60	10.69	10.38	(10.2%)
10th/[769,850]	10.00	9.84	9.61	9.76	8.82	10.71	10.63	10.00	10.00	10.63	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution