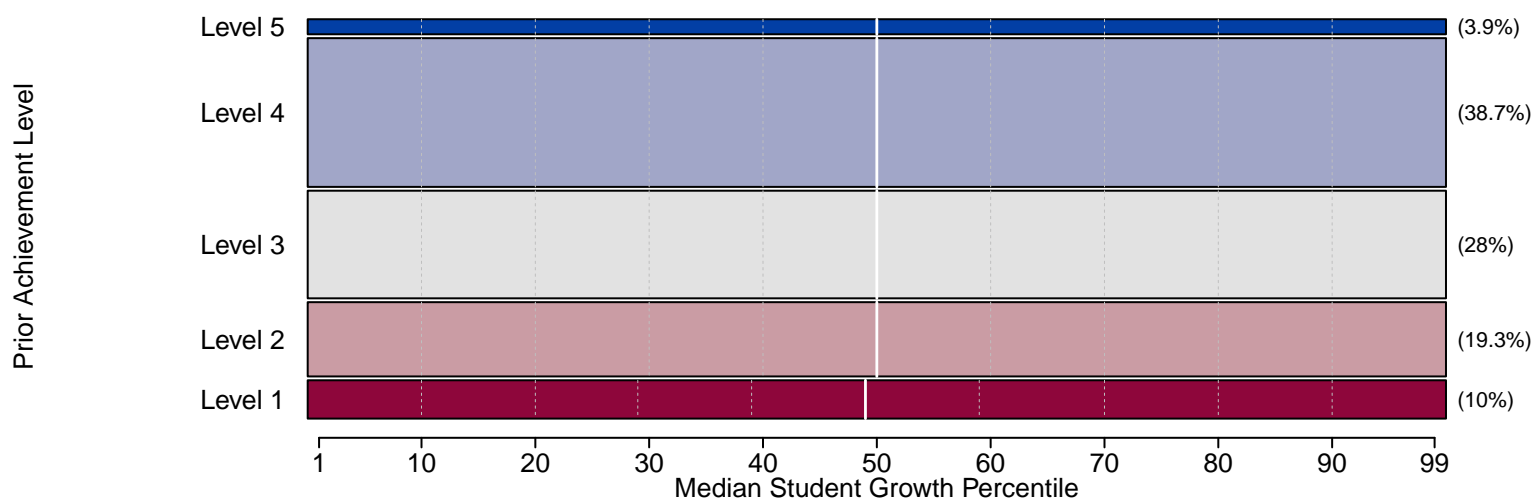# Student Growth Percentile Goodness–of–Fit Descriptives
2015–2016.2 ELA SS SGP, Grade 6 (N = 413,032)

SGP Deciles by Prior Achievement Level (ELA SS)

Prior Achievement Level

Level		Percent
Level 5		(3.9%)
Level 4		(38.7%)
Level 3		(28%)
Level 2		(19.3%)
Level 1		(10%)

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:	[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 = 516
Highest OSS:	[850]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	92.9	N = 197

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/[650,700)	9.75	10.16	10.10	10.14	9.92	9.94	9.73	10.01	9.90	10.36	(10%)
2nd/[700,714)	9.32	9.86	10.20	9.85	9.89	10.10	10.33	9.78	10.11	10.55	(9.6%)
3rd/[714,725)	9.27	10.09	9.53	9.96	10.35	10.09	10.00	10.15	10.00	10.57	(9.7%)
4th/[725,735)	9.58	9.85	10.12	10.30	9.55	10.02	9.85	10.34	9.83	10.55	(10.4%)
5th/[735,743)	9.72	10.09	10.19	9.78	10.37	9.69	10.13	9.80	9.90	10.32	(9.2%)
6th/[743,752)	9.68	10.15	10.35	9.82	10.19	9.64	9.89	10.02	10.03	10.23	(10.7%)
7th/[752,761)	9.23	10.02	9.65	10.29	9.37	10.57	10.11	10.10	10.01	10.64	(10.2%)
8th/[761,771)	9.73	9.94	9.78	10.01	10.38	9.93	9.67	10.16	9.83	10.57	(10%)
9th/[771,784)	9.48	10.08	10.31	9.71	9.98	9.88	10.17	9.93	9.98	10.48	(9.7%)
10th/[784,850]	9.47	10.01	9.97	10.09	10.09	10.03	9.88	9.97	10.06	10.44	(10.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100