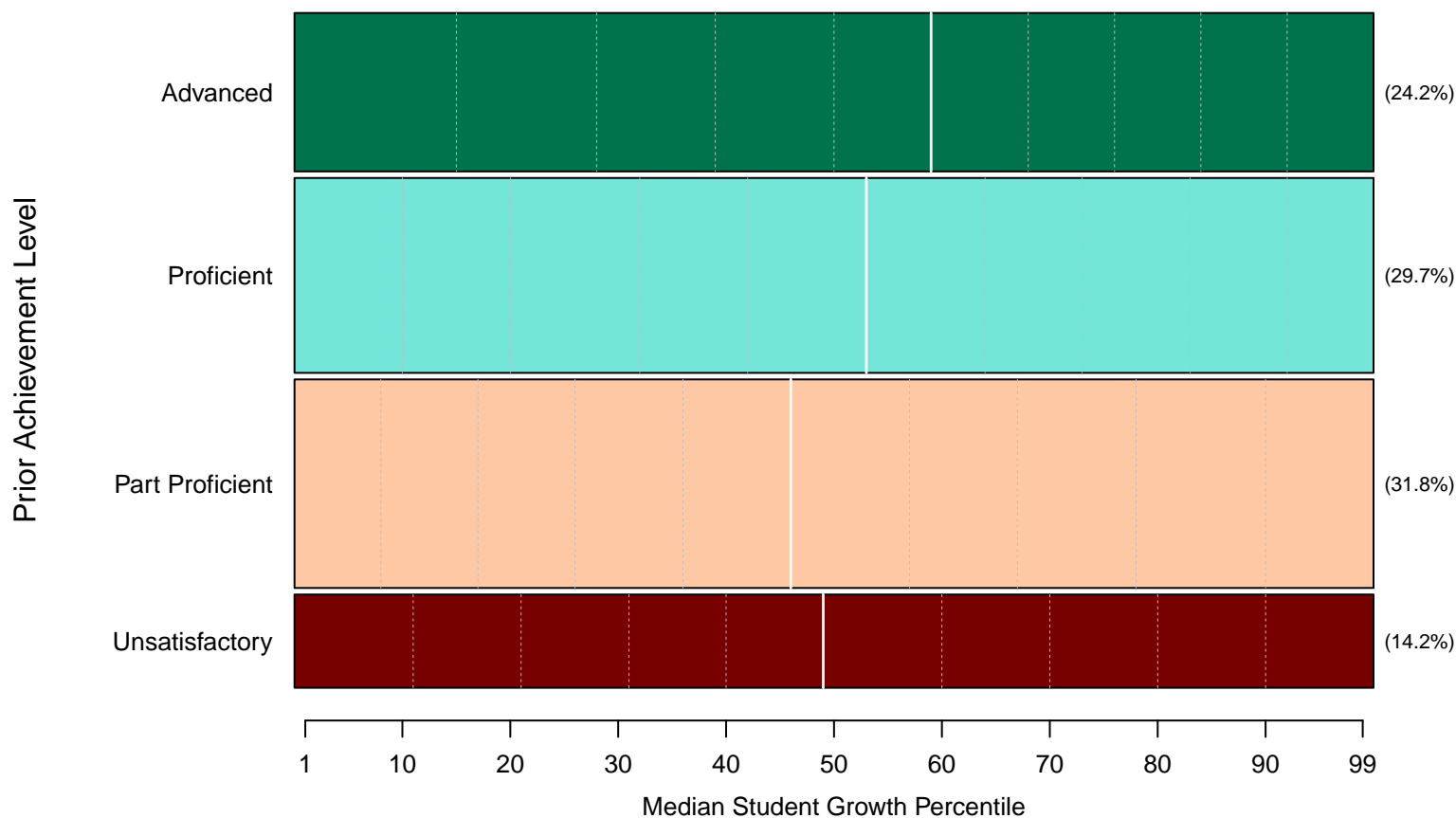# Student Growth Percentile Goodness–of–Fit Descriptives
2012 Mathematics SGP, Grade 8 (N = 56,253)

SGP Deciles by Prior Achievement Level

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/[280,469)	7.94	9.51	9.51	10.67	11.28	10.03	10.28	10.44	9.33	11.02	(9.9%)
2nd/[469,505)	11.70	11.94	10.94	9.91	10.00	8.75	9.33	9.17	9.24	9.03	(10.1%)
3rd/[505,528)	12.59	11.45	11.03	10.73	9.26	9.04	9.75	8.38	8.49	9.28	(9.8%)
4th/[528,548)	11.96	10.48	9.71	10.18	10.09	8.81	9.94	9.38	8.65	10.81	(10.2%)
5th/[548,565)	11.64	10.53	9.42	10.04	9.16	9.33	9.54	8.83	9.91	11.60	(9.5%)
6th/[565,584)	10.22	9.83	8.86	9.88	9.71	9.31	9.73	9.66	10.51	12.29	(10.6%)
7th/[584,602)	9.80	9.32	7.92	9.63	9.40	9.05	9.91	10.80	11.43	12.75	(9.8%)
8th/[602,622)	7.42	8.48	8.21	9.23	9.63	9.68	9.70	11.64	12.27	13.73	(9.9%)
9th/[622,650)	5.99	6.83	8.30	9.32	9.21	11.09	11.94	11.73	12.03	13.56	(10.3%)
10th/[650,860]	5.76	7.33	8.30	8.42	9.29	10.31	12.48	11.33	12.43	14.35	(10.1%)

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

QQ–Plot: Student Growth Percentiles