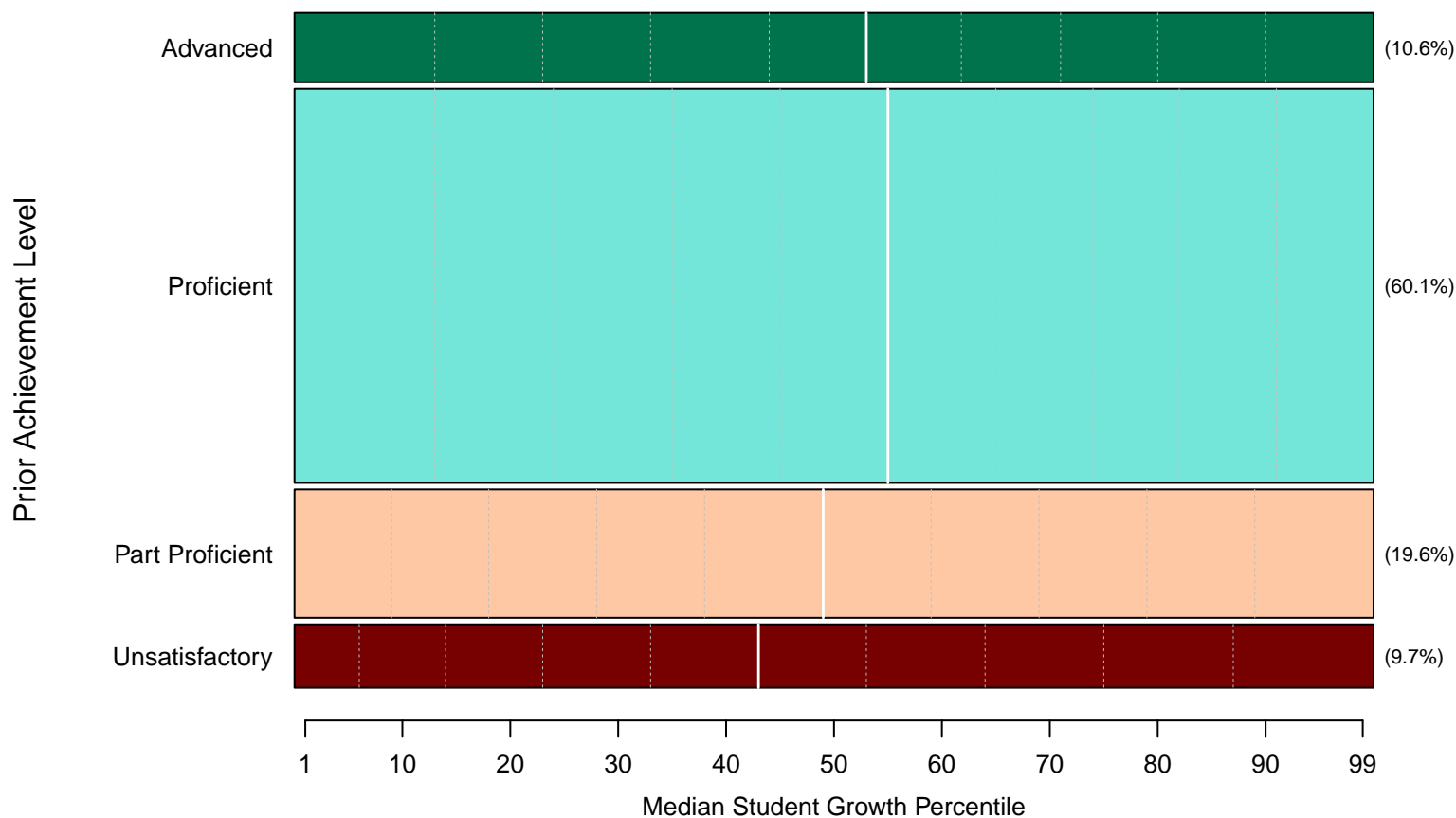# Student Growth Percentile Goodness–of–Fit Descriptives
2007 Reading SGP, Grade 7 (N = 52,583)

SGP Deciles by Prior Achievement Level

Prior Achievement Level:
- Advanced (10.6%)
- Proficient (60.1%)
- Part Proficient (19.6%)
- Unsatisfactory (9.7%)

Median Student Growth Percentile

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/[260,544]	14.09	11.48	10.61	10.35	10.12	9.25	9.33	8.48	7.81	8.48	(9.9%)
2nd/[544,579]	11.32	10.62	9.85	10.49	9.36	9.85	9.89	10.08	9.05	9.50	(9.8%)
3rd/[579,601]	10.40	10.11	10.04	9.76	9.68	10.06	9.59	11.11	9.63	9.63	(10.1%)
4th/[601,618]	8.85	9.50	9.69	10.07	9.86	9.97	9.43	11.04	10.76	10.83	(10.2%)
5th/[618,632]	8.15	9.40	8.70	9.46	10.58	10.34	10.33	11.11	10.87	11.05	(9.7%)
6th/[632,646]	6.70	8.09	9.26	9.27	10.32	10.21	10.67	10.94	12.52	12.02	(10%)
7th/[646,660]	7.22	8.22	8.60	9.15	9.36	10.76	11.10	11.22	12.36	12.02	(10%)
8th/[660,676]	6.13	8.74	8.25	9.34	9.87	10.83	10.62	11.96	12.94	11.32	(10.1%)
9th/[676,697]	5.97	8.76	8.42	9.44	10.38	11.21	11.02	11.41	12.45	10.94	(10.1%)
10th/[697,970]	6.96	9.32	9.66	10.27	10.27	11.65	10.35	10.20	10.33	10.98	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution