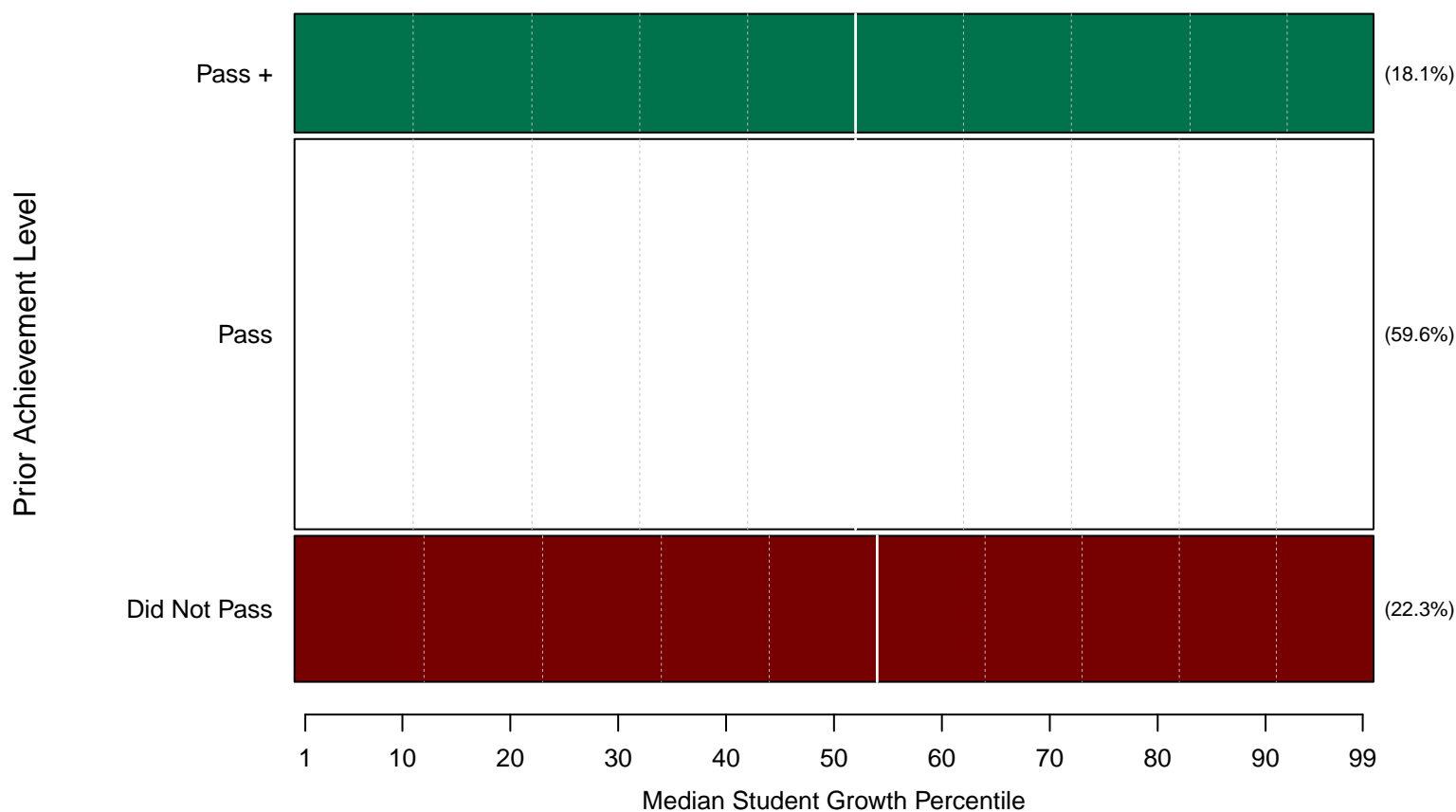# Student Growth Percentile Goodness–of–Fit Descriptives
2011 ELA SGP, Grade 8 (N = 76,381)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Pass + (18.1%)
- Pass (59.6%)
- Did Not Pass (22.3%)

Median Student Growth Percentile

1 10 20 30 40 50 60 70 80 90 99

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/[210,471)	7.34	8.64	8.68	9.93	10.08	10.59	10.05	11.31	11.06	12.32	(9.8%)
2nd/[471,496)	8.53	9.11	9.53	9.93	9.02	9.67	10.31	11.06	10.81	12.03	(9.8%)
3rd/[496,513)	8.79	9.24	10.51	9.74	9.66	10.30	10.23	9.95	10.78	10.79	(10.3%)
4th/[513,526)	7.93	9.24	9.72	9.32	10.31	10.53	10.51	9.84	10.32	12.27	(9.5%)
5th/[526,539)	8.14	8.92	9.16	10.03	9.86	10.06	10.13	11.05	10.38	12.26	(10.4%)
6th/[539,551)	7.79	9.35	10.29	9.36	9.52	9.56	9.95	10.57	11.09	12.52	(9.7%)
7th/[551,564)	8.94	9.43	9.80	9.42	9.46	10.07	10.16	10.07	10.96	11.69	(9.9%)
8th/[564,580)	8.45	9.81	10.28	9.65	9.69	10.10	10.00	10.23	10.40	11.38	(10.1%)
9th/[580,603)	8.49	9.16	9.35	10.15	10.25	10.25	9.74	9.86	10.17	12.59	(10.1%)
10th/[603,870]	8.29	9.58	9.64	10.22	9.74	9.91	9.84	9.91	10.29	12.58	(10.2%)

*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