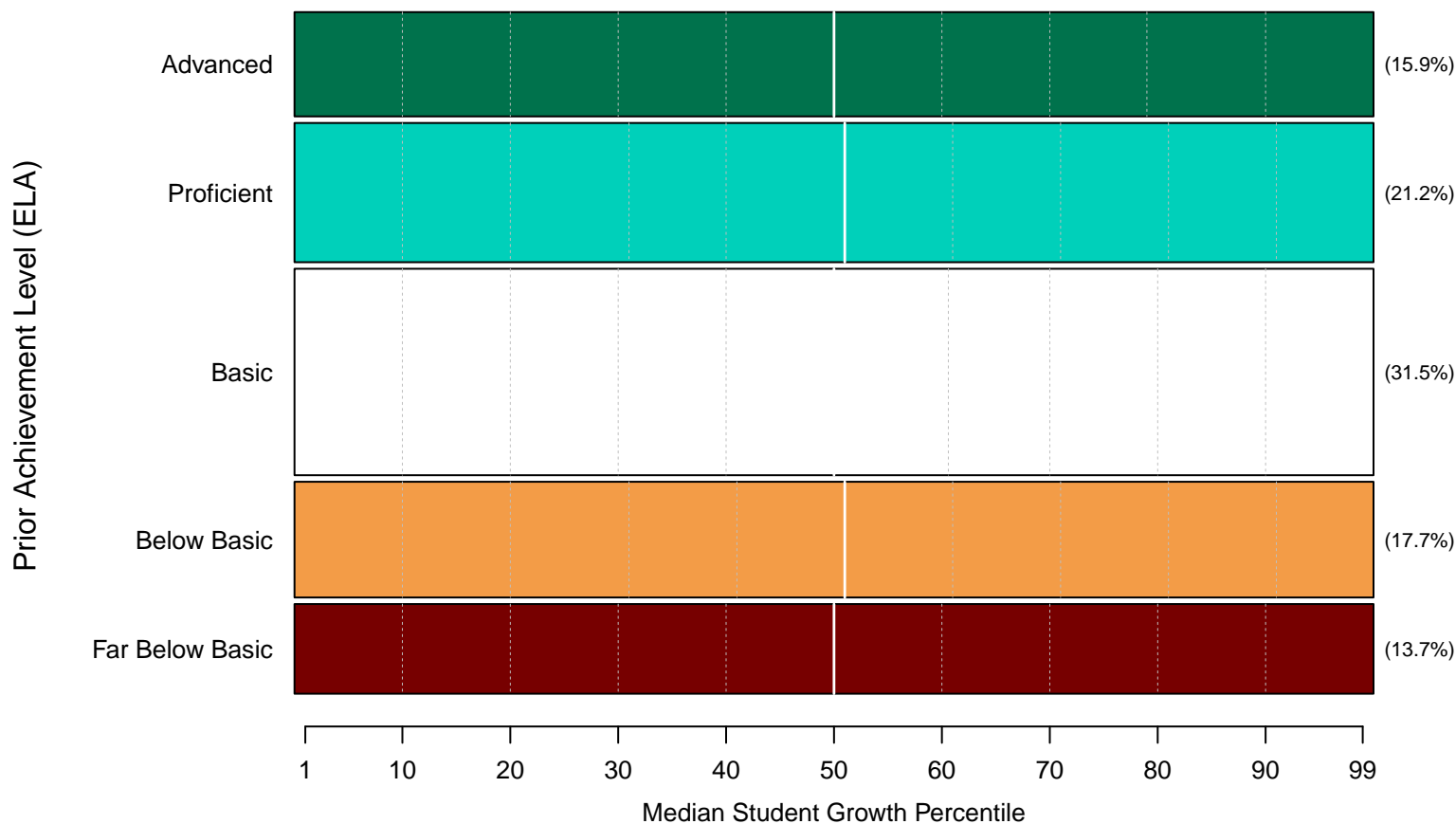# Student Growth Percentile Goodness–of–Fit Descriptives
2011 ELA SGP, Grade 9 (N = 38,641)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percent
Advanced	(15.9%)
Proficient	(21.2%)
Basic	(31.5%)
Below Basic	(17.7%)
Far Below Basic	(13.7%)

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/[150,257)	9.82	10.15	10.37	9.76	10.00	9.72	9.82	9.82	9.72	10.83	(8.5%)
2nd/[257,279)	9.46	9.37	10.27	9.96	9.65	10.01	10.03	10.22	10.20	10.84	(10.9%)
3rd/[279,297)	9.30	9.84	9.24	10.13	9.74	9.87	10.16	10.70	10.08	10.94	(9.9%)
4th/[297,313)	9.19	10.40	9.80	9.80	10.16	9.32	9.55	9.75	10.34	11.68	(10.1%)
5th/[313,331)	9.94	8.96	10.14	9.60	9.84	10.43	10.55	9.65	10.31	10.58	(10.6%)
6th/[331,345)	9.81	10.53	10.32	9.72	9.20	9.99	10.17	10.35	9.41	10.50	(8.6%)
7th/[345,364)	9.94	9.14	9.48	9.99	10.44	9.31	10.03	9.60	11.04	11.02	(10.8%)
8th/[364,381)	8.61	10.13	9.47	11.15	9.32	10.61	9.80	10.22	10.01	10.67	(8.7%)
9th/[381,413)	9.28	10.12	10.14	9.83	10.67	9.53	10.54	9.64	9.46	10.80	(11.8%)
10th/[413,600]	10.05	9.67	10.20	9.82	9.54	10.32	9.89	10.20	10.22	10.10	(10.3%)

*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