

# Student Growth Percentile Goodness-of-Fit Descriptives

## 2010 Mathematics, Grade Progression 3–4 (N = 44,944)

Prior Scale Score Decile/Range\*

Student Growth Percentile 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/[152,274)	9.65	9.97	10.27	9.97	10.46	9.65	10.39	9.74	9.88	10.00 (9.7%)
2nd/[274,305)	9.49	9.85	9.90	10.59	8.52	10.61	8.89	9.83	10.72	11.59 (9.7%)
3rd/[305,329)	9.24	11.05	9.89	9.26	10.31	9.89	10.38	10.98	9.36	9.64 (9.6%)
4th/[329,351)	10.10	9.26	10.36	10.10	12.08	9.18	10.65	9.50	9.30	9.47 (9.2%)
5th/[351,375)	9.40	9.60	10.06	9.66	9.74	10.25	9.92	10.17	9.80	11.40 (11.2%)
6th/[375,398)	9.78	10.25	10.13	9.59	7.93	10.98	10.06	9.56	10.37	11.34 (9.4%)
7th/[398,425)	9.63	10.89	8.94	12.41	8.03	10.40	9.79	9.50	10.81	9.59 (10.7%)
8th/[425,450)	9.20	9.45	13.33	5.17	15.23	8.71	9.28	13.91	7.21	8.51 (7.7%)
9th/[450,516)	9.82	10.39	11.24	7.77	9.07	14.50	9.27	10.16	8.24	9.54 (12.5%)
10th/[516,600]	11.07	9.48	11.58	12.47	17.31	5.78	7.52	13.58	6.34	4.86 (10.2%)

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

### QQ-Plot: Student Growth Percentiles

