

# Student Growth Percentile Goodness-of-Fit Descriptives

## 2012 Algebra I, Grade Progression 103–104 (N = 1,591)

### 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/[175,220)  | 7.84   | 14.71    | 10.78    | 9.80     | 13.73    | 7.84     | 8.82     | 9.80     | 7.84     | 8.82     | (6.4%)  |
| 2nd/[220,232)  | 12.23  | 7.19     | 7.19     | 11.51    | 5.04     | 12.23    | 12.23    | 10.79    | 10.79    | 10.79    | (8.7%)  |
| 3rd/[232,243)  | 8.00   | 10.86    | 12.57    | 8.00     | 10.86    | 8.57     | 9.71     | 13.14    | 8.00     | 10.29    | (11%)   |
| 4th/[243,254)  | 11.73  | 10.49    | 9.88     | 8.02     | 9.88     | 11.11    | 10.49    | 9.88     | 8.64     | 9.88     | (10.2%) |
| 5th/[254,264)  | 8.06   | 13.44    | 8.06     | 13.44    | 8.60     | 7.53     | 12.37    | 6.45     | 12.90    | 9.14     | (11.7%) |
| 6th/[264,274)  | 9.70   | 7.88     | 8.48     | 9.09     | 9.70     | 13.94    | 10.91    | 12.73    | 7.27     | 10.30    | (10.4%) |
| 7th/[274,287)  | 12.29  | 12.29    | 6.70     | 12.85    | 8.94     | 8.94     | 6.70     | 10.06    | 10.61    | 10.61    | (11.3%) |
| 8th/[287,301)  | 8.57   | 10.71    | 12.14    | 11.43    | 8.57     | 6.43     | 12.14    | 10.00    | 10.71    | 9.29     | (8.8%)  |
| 9th/[301,334)  | 10.40  | 8.67     | 10.40    | 6.94     | 9.83     | 13.29    | 9.83     | 10.40    | 8.67     | 11.56    | (10.9%) |
| 10th/[334,486] | 9.41   | 10.00    | 10.59    | 10.59    | 11.18    | 9.41     | 10.00    | 10.59    | 10.00    | 8.24     | (10.7%) |

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

### QQ-Plot: Student Growth Percentiles

