

# Student Growth Percentile Goodness-of-Fit Descriptives

## 2012 Physics, Grade Progression 101–102–103–104 (N = 2,032)

### 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/[175,248]  | 10.89  | 10.89    | 12.38    | 9.41     | 9.90     | 8.42     | 9.41     | 8.91     | 9.90     | 9.90     | (9.9%)  |
| 2nd/[248,264]  | 10.36  | 6.22     | 9.33     | 10.36    | 9.84     | 12.44    | 11.40    | 10.36    | 9.33     | 10.36    | (9.5%)  |
| 3rd/[264,278]  | 10.33  | 12.50    | 9.78     | 7.61     | 11.41    | 8.15     | 9.78     | 11.41    | 9.78     | 9.24     | (9.1%)  |
| 4th/[278,292]  | 9.24   | 10.33    | 10.87    | 11.96    | 8.70     | 10.87    | 8.15     | 9.78     | 10.87    | 9.24     | (9.1%)  |
| 5th/[292,310]  | 10.41  | 8.60     | 8.60     | 11.31    | 9.95     | 9.05     | 12.22    | 8.14     | 8.60     | 13.12    | (10.9%) |
| 6th/[310,329]  | 9.52   | 12.38    | 10.95    | 9.05     | 11.43    | 10.95    | 8.10     | 10.00    | 9.05     | 8.57     | (10.3%) |
| 7th/[329,348]  | 8.16   | 9.18     | 9.69     | 8.67     | 9.18     | 10.71    | 10.20    | 11.22    | 12.76    | 10.20    | (9.6%)  |
| 8th/[348,373]  | 11.42  | 8.68     | 10.96    | 11.42    | 9.13     | 7.31     | 11.42    | 11.87    | 8.68     | 9.13     | (10.8%) |
| 9th/[373,409]  | 7.58   | 9.95     | 11.37    | 9.48     | 11.37    | 10.90    | 10.90    | 7.58     | 9.00     | 11.85    | (10.4%) |
| 10th/[409,599] | 11.32  | 11.79    | 7.55     | 10.85    | 9.43     | 9.43     | 8.96     | 10.85    | 11.32    | 8.49     | (10.4%) |

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

### QQ-Plot: Student Growth Percentiles

