

# 2018 NSSME+: Trends in U.S. Science Education From 2012 to 2018

## Errata

A number of edits have been made to the original report:

### *Edits made November 2020*

#### *Front Matter*

- In the Table of Contents and List of Tables “: Recomputed Composite Definitions” was added to the Appendix chapter title.
- Edits to table titles below were also made to the List of Tables.

#### *Chapter 2*

- In the note for Table 2.2 on page 4 “more than 100” replaced “>100.”
- In the note for Table 2.14 on page 15, “responses” replaced “respondents.”

#### *Chapter 3*

- In the Overview of Chapter 3: Science Professional Development on page 27, the phrase “, and teacher induction programs” was removed.
- The titles for Tables 3.16 and 3.17 on pages 38 and 39 were edited to add “Science-Focused” before “Coaching.”
- The significance test in the note for Table 3.17 on page 39 was changed to “Chi-square test of independence,  $p \geq 0.05$ .” from “two-tailed independent samples t-test,  $p \geq 0.05$ .”
- In the third row of Table 3.18 on page 39, the word “mathematics” was removed.

#### *Chapter 4*

- In the Overview of Chapter 4: Science Courses on page 43, the phrase “, and prior achievement levels” was removed.
- In the title for Table 4.1 on page 43 “by Grade Range” replaced “by Subject.”

#### *Chapter 5*

- In the Class Activities section of Chapter 5: Instructional Decision Making, Objectives, and Activities on page 60, the sentence “Another asked how often they engage students in practices associated with the discipline.” was deleted and “these” replaced “both of these sets of.”
- The note for Table 5.9 on page 65 was edited to add the phrase “in the distribution of responses.”

#### *Chapter 6*

- In the Overview of Chapter 6: Instructional Resources on page 69, the phrase “, including various types of computing devices and Internet capabilities” was removed.
- In Tables 6.2, 6.3, and 6.4, the superscript “b” table note indicator was moved from the title to the subtitle.

- In the first line of text on page 71, the word “know” was changed to “knew.”
- The note for Table 6.6 on page 74 was changed to “There are no statistically significant differences between schools in 2012, after adjusting for inflation, and those in 2018 (two-tailed independent samples t-test,  $p \geq 0.05$ ),” from “There are no significant differences between schools in 2012 and those in 2018 (two-tailed independent samples t-test,  $p \geq 0.05$ ).”
- In the title for Table 6.8 on page 75, “by Subject” was removed.

### ***Chapter 7***

- The title for Table 7.5 on page 81 was edited to add “Science” before “Standards.”
- The Chapter 7 section subheading on page 81 was edited to add “Effective” before “Instruction.”
- The title for Table 7.6 on page 81 was edited to add “Effective” before “Science.”
- The title for Table 7.6 on page 81 was edited to add “Science” before “Instruction.”
- In Tables 7.8, 7.9, and 7.10, the text “(2012 - Inadequate supply of science textbooks/modules)” was removed from the item “Lack of science textbooks/modules” and a table note was added reading “In 2012, the item read “Inadequate supply of science textbooks/modules.”
- In the text before Table 7.15 on page 88, the phrase “subject and” was replaced with “composite, by.”

### ***Appendix***

- The note for Table A-2 on page A-1 was changed to “... is sufficiently low to support its computation” from “... is good to maintain consistency across years.”

### ***Cross-Chapter Edits***

- The titles for the following tables were edited to add “, by Grade Range”
  - Tables 2.1–2.12, 2.15–2.17, 2.27, 2.28, 3.1–3.4, 3.6, 3.15, 3.19, 5.1, 5.2, 5.4, 5.6–5.8, 5.10, 7.3, 7.4
- The notes for the following tables were changed to “There are no statistically significant differences in the distributions of responses between...” from “There are no significant differences between...”
  - Tables 2.1, 3.2, 3.17, 4.1, 4.3, 6.5, 5.10 7.1, 7.5
- The notes for the following tables were changed to “There are no statistically significant differences...” from “There are no significant differences...”
  - Tables 2.2, 2.17, 3.5, 3.7, 3.9, 3.10, 3.11, 3.20, 4.8, 4.9, 4.11, 4.12, 4.13
- In the notes for the following tables “Chi square” was hyphenated:
  - Tables 2.17, 4.1, 4.3, 4.7, 4.11