

# JEH QUIZ

## FEATURED ARTICLE QUIZ #1

### Applying the Model Aquatic Health Code to Grade Swimming Pool Safety in a Large Metropolitan Area

Available to those with an active National Environmental Health Association (NEHA) membership, the *JEH* Quiz is offered six times per calendar year and is an easily accessible way to earn continuing education (CE) contact hours toward maintaining a NEHA credential. Each quiz is worth 1.0 CE.

Completing quizzes is now based on the honor system and should be self-reported by the credential holder. Quizzes published only during your current credential cycle are eligible for CE credit. Please keep a copy of each completed quiz for your records. CE credit will post to your account within 3 business days.

**Paper or electronic quiz submissions will no longer be collected by NEHA staff.**

#### INSTRUCTIONS TO SELF-REPORT A *JEH* QUIZ FOR CE CREDIT

1. Read the featured article and select the correct answer to each *JEH* Quiz question.
2. Log in to your MyNEHA account at <https://neha.users.membersuite.com/home>.
3. Click on Credentials located at the top of the page.
4. Select Report CEs from the drop-down menu.
5. Enter the date you finished the quiz in the Date Attended field.
6. Enter 1.0 in the Length of Course in Hours field.
7. In the Description field, enter the activity as "*JEH* Quiz #, Month Year" (e.g., *JEH* Quiz 1, July/August 2023).
8. Click the Create button.

#### **JEH Quiz #5 Answers** March 2023

- |      |      |      |       |
|------|------|------|-------|
| 1. a | 4. c | 7. b | 10. d |
| 2. d | 5. d | 8. c | 11. c |
| 3. a | 6. a | 9. a | 12. c |

→ Quiz effective date: July 1, 2023 | Quiz deadline: October 1, 2023

1. The Model Aquatic Health Code (MAHC) provides voluntary guidelines that reduce the risk of disease, injury, and drowning at aquatic facilities.
  - a. True.
  - b. False.
2. In children, swimming pools account for \_\_\_ of fatal drownings in the U.S.
  - a. 22%
  - b. 33%
  - c. 44%
  - d. 67%
3. Between 2000–2014, there were \_\_\_ outbreaks of waterborne diseases associated with treated recreational water that resulted in at least 27,219 cases and 8 deaths.
  - a. 293
  - b. 393
  - c. 493
  - d. 593
4. The primary aim of this study was to develop a grading system for swimming pool safety for Houston, Texas, by applying the MAHC to city swimming pool inspection data.
  - a. True.
  - b. False.
5. This study conducted a cross-sectional study of swimming pool safety inspection data for \_\_\_ public swimming pools, including spas and wading pools, in Houston during 2016.
  - a. 2,107
  - b. 2,607
  - c. 3,107
  - d. 3,607
6. The inspection data obtained from the Houston Health Department included
  - a. name and address of the property where the pool was sited.
  - b. housing type.
  - c. publicly available information on swimming pool violations.
  - d. all of the above.
  - e. none of the above.
7. Of the 49 items included on the MAHC inspection form, the Houston Health Department inspects for \_\_\_ of those items.
  - a. 13
  - b. 23
  - c. 29
  - d. 39
8. Of the 1,839 pools that received an F grade, \_\_\_ obtained their failing grade based on a failing overall percentage.
  - a. <1%
  - b. 6%
  - c. 11%
  - d. 14%
9. A prior study in Harris County, Texas, found that out of 196 unintentional drownings, \_\_\_ occurred in multifamily residential pools.
  - a. one quarter
  - b. one third
  - c. one half
  - d. two thirds
10. This study observed that the most common safety violation were due to
  - a. faulty swimming pool enclosures.
  - b. faulty gates and safety equipment.
  - c. improper disinfectant levels.
  - d. a and b.
  - e. all of the above.
11. The median estimated number of persons visiting emergency departments for chemical-related injuries from pools was \_\_\_ per year between 2003 and 2012.
  - a. 4,247
  - b. 4,747
  - c. 5,247
  - d. 5,747
12. The study found that pool safety inspections in Houston, as currently conducted, captured \_\_\_ fewer swimming pool violations than if the MAHC criteria were used.
  - a. 10%
  - b. 20%
  - c. 30%
  - d. 40%