

# Clinical Epidemiology

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## QUIZ 35

After the September 11 attack on the World Trade Center, public officials estimated the number of children orphaned to be between 10,000 and 15,000. What's the problem? And is there more to the story of fatalities? (The point of this question is to appreciate that scientists can extract truths that members of the media don't understand, let alone report.)

"75% of traffic accidents occur within 25 miles from home, so we should be much more cautious when driving in these areas." What's the problem?

"You shouldn't get dental x-rays because annual x-rays increase the risk of meningioma by up to 90%." This sounds worrisome. Is it?

"If you're going to sell your house, installing a farmhouse sink costs less than \$1,000 and it increases your home's value by 8%." Problem?

I show two articles: “Selective Publication of Antidepressant Trials and Its Influence on Apparent Efficacy” and “Why Most Published Research Findings Are False”. What is the overarching lesson here?

“99% caffeine free”: what’s the problem?

“Couples who spend less than \$1,000 on their weddings are the least likely to get divorced.” Potential problems?

“Manufacturing Uncertainty: Contested Science and the Protection of the Public’s Health and Environment”: What did we learn from this article?