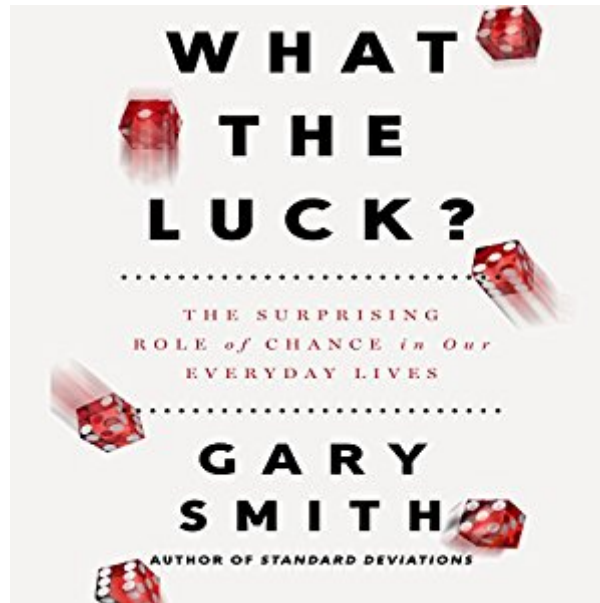


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# What The Luck?: The Surprising Role Of Chance In Our Everyday Lives



## Synopsis

The newest book by the acclaimed author of *Standard Deviations* takes on luck, and all the mischief the idea of luck can cause in our lives. In Israel, pilot trainees who were praised for doing well subsequently performed worse, while trainees who were yelled at for doing poorly performed better. It is an empirical fact that highly intelligent women tend to marry men who are less intelligent. Students who get the highest scores in third grade generally get lower scores in fourth grade. And yet, it's wrong to conclude that screaming is not more effective in pilot training, women choose men whose intelligence does not intimidate them, or schools are failing third graders. In fact, there's one reason for each of these empirical facts: Statistics. Specifically, a statistical concept called regression to the mean. Regression to the mean seeks to explain, with statistics, the role of luck in our day-to-day lives. An insufficient appreciation of luck and chance can wreak all kinds of mischief in sports, education, medicine, business, politics, and more. It can lead us to see illness when we are not sick and to see cures when treatments are worthless. Perfectly natural random variation can lead us to attach meaning to the meaningless. *Freakonomics* showed how economic calculations can explain seemingly counterintuitive decision-making. *Thinking, Fast and Slow* helped listeners identify a host of small cognitive errors that can lead to miscalculations and irrational thought. In *What the Luck?*, statistician and author Gary Smith sets himself a similar goal, and explains - in clear, understandable, and witty prose - how a statistical understanding of luck can change the way we see just about every aspect of our lives and can help us learn to rely less on random chance, and more on truth.

## Book Information

Audible Audio Edition

Listening Length: 7 hours and 49 minutes

Program Type: Audiobook

Version: Unabridged

Publisher: Gildan Media, LLC

Audible.com Release Date: September 19, 2016

Language: English

ASIN: B01LDR4FYU

Best Sellers Rank: #22 in Books > Audible Audiobooks > Science > Mathematics #182

in Books > Science & Math > Mathematics > Applied > Statistics #324 in Books > Science & Math > Mathematics > Applied > Probability & Statistics

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