

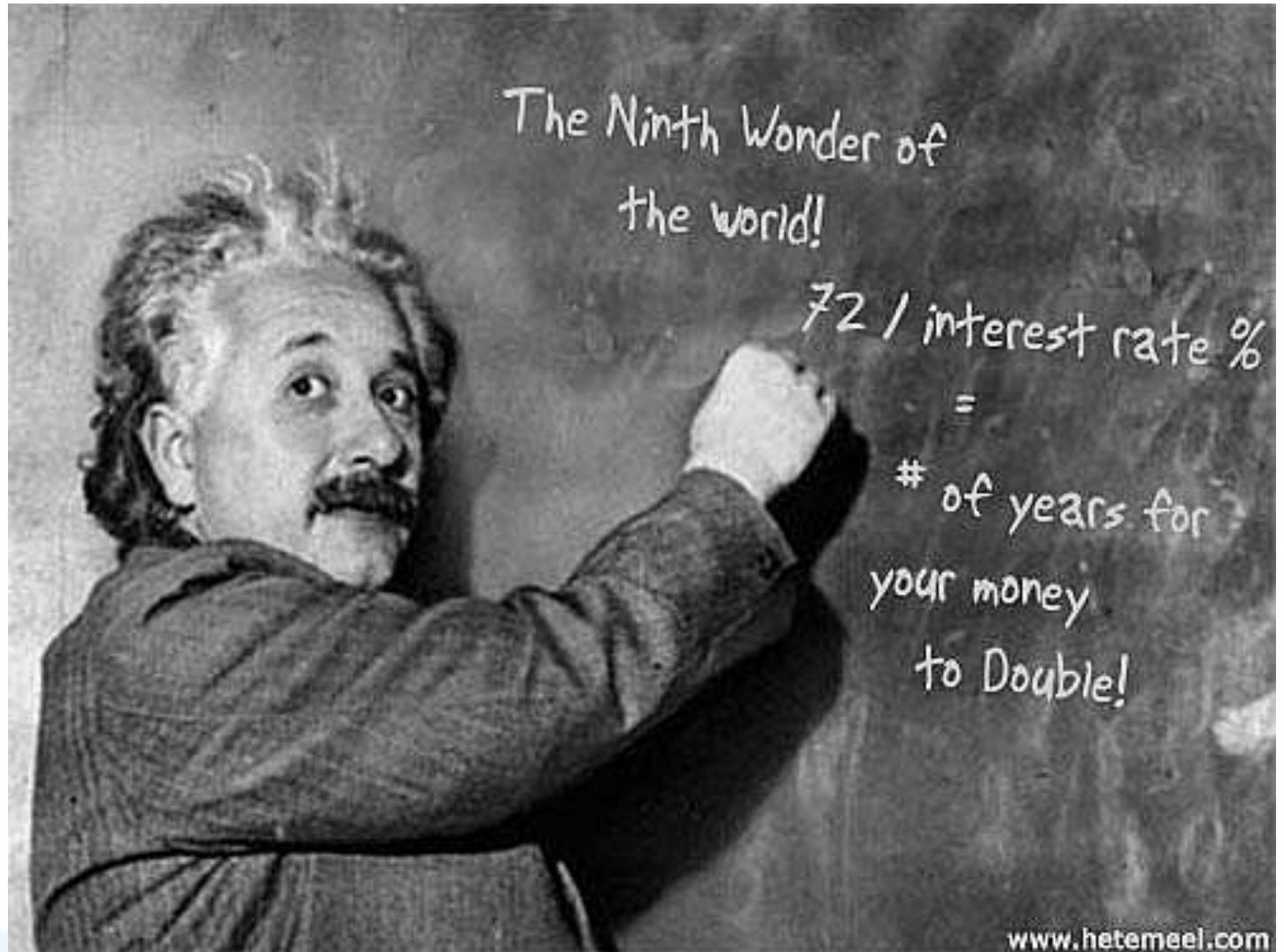
# Security Debt and the Rule of 72

Martin McKeay, Sr. Security Evangelist, Akamai

# What I'm going to tell you

- The Rule of 72
- The Security Poverty Line
- HD Moore's Law
- How does it fit together
- What can we do about it?

# The Rule of 72



# Security Poverty Line

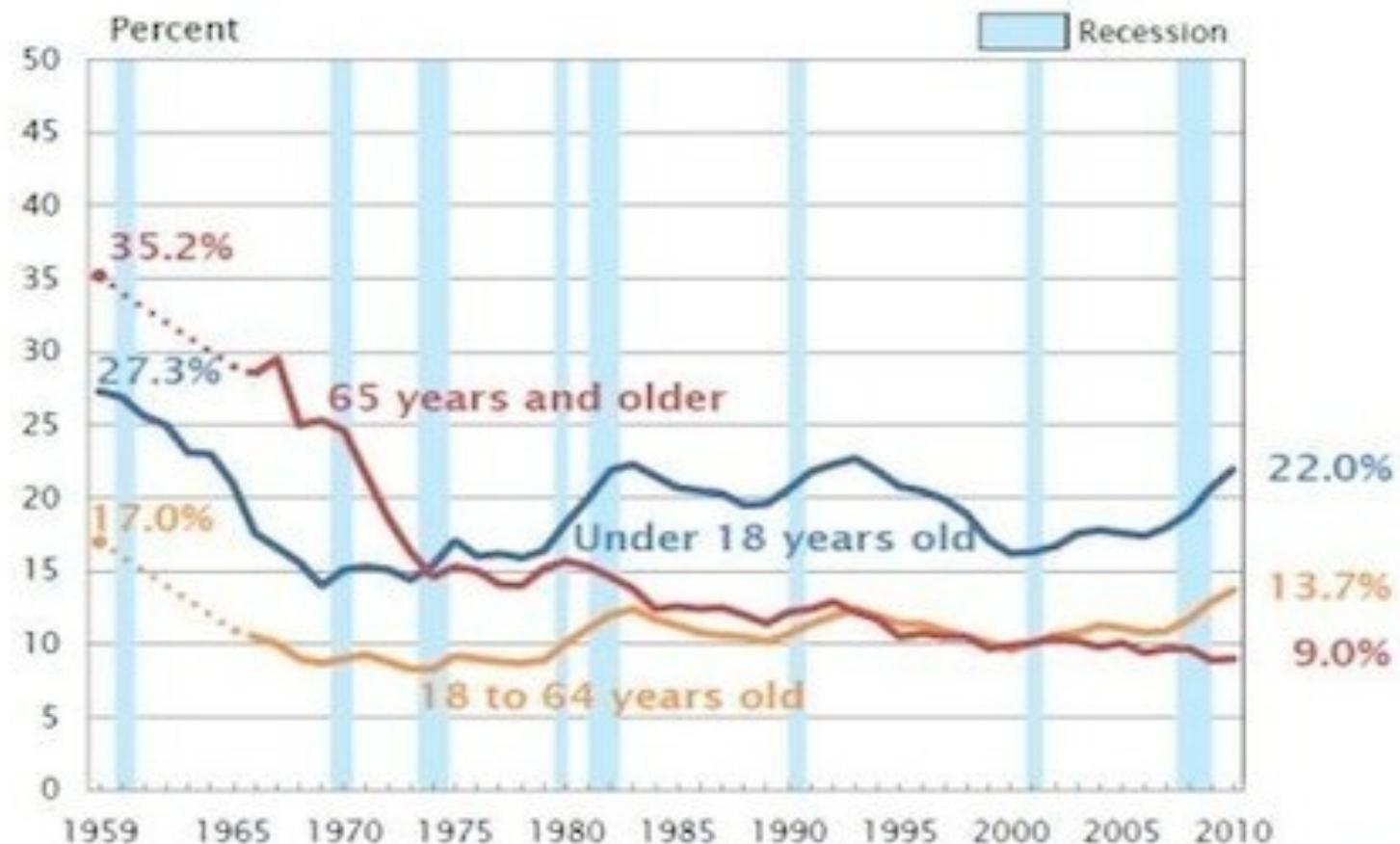


- Wendy Nather, 451 Research
- <http://idoneous-security.blogspot.com>
- @451Wendy
- One smart cookie



# Security Poverty Line

## Poverty Rates by Age: 1959 to 2010



United States  
**Census**  
Bureau

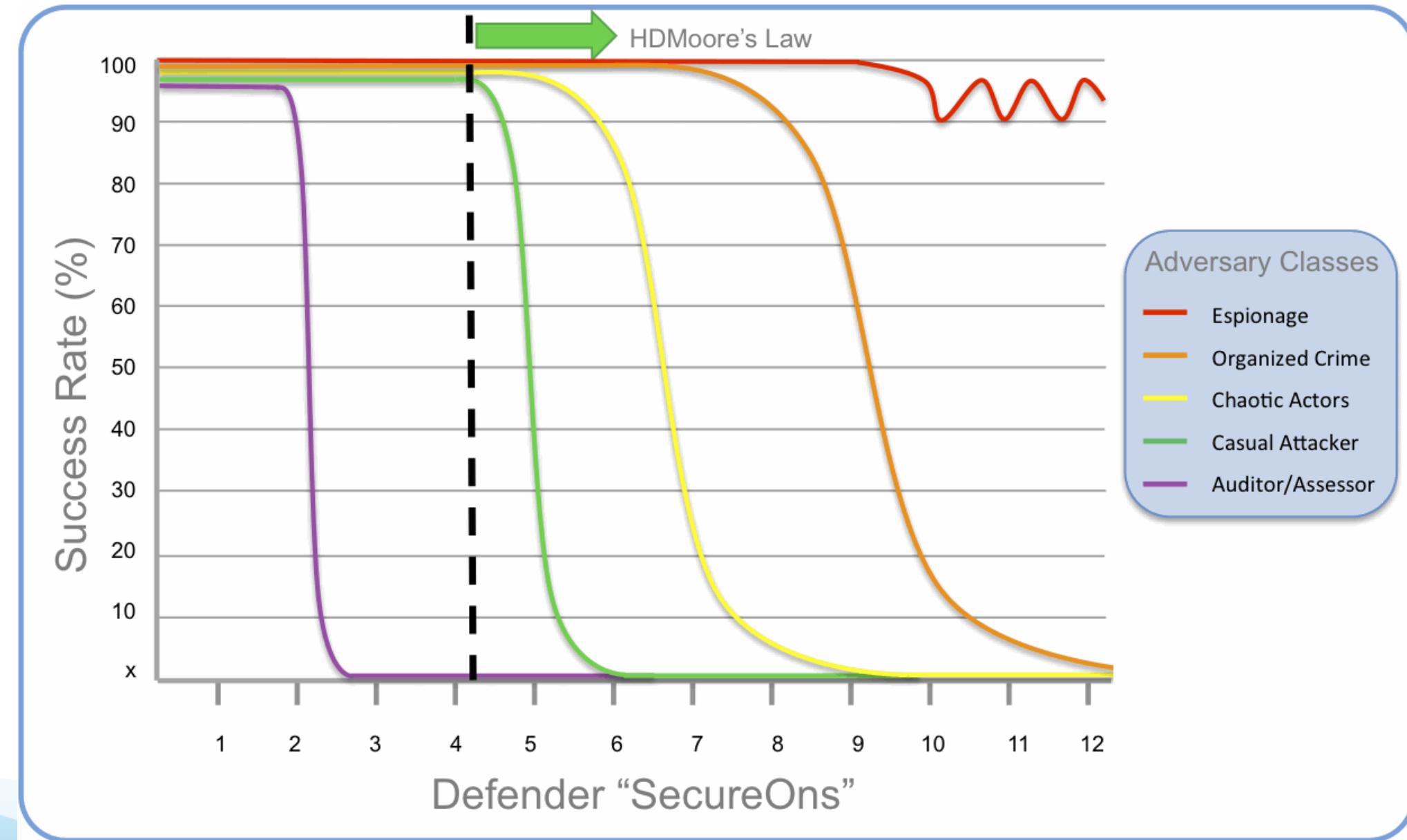
Note: Data from 1960 to 1965 available only for people under 18 years old.  
Source: U.S. Census Bureau, Current Population Survey, 1960 to 2011 Annual Social and Economic Supplements.

20



- **Unreasonable Man**
- **Research on the anthropology of Anonymous**
- <http://blog.cognitivedissidents.com/>
- <http://www.iamthecavalry.org/>
- [@joshcorman](https://twitter.com/joshcorman)

# HD Moore's Law



## Difference between ‘can’ and ‘need to’

- Patching
- Technologies
- Knowledge
- Manpower
- Willpower

- Increases the workload
- Lowers amount of new works
- Causes stress
- Just one little prick ...



# Industry Problem

- Weak foundation
- Basics
- Poor business incentives
- Even the best of the best



# What can we do?

- **Declare Bankruptcy**
- **Stay the course**
- Reexamine the basic
- Make the most out of what we have
- **Change the business equation**
- **Spend**
- Blinky Lights
- **Innovate**
- Change how we secure our environments
- Cloud

# Questions?

Martin McKeay

Email: [mmckeay@akamai.com](mailto:mmckeay@akamai.com)

Twitter: [@mckeay](https://twitter.com/mckeay)

<http://www.mckeay.net>

<http://netsecpodcast.com>