

Security in  
knowledge

# SECURITY DEBT AND THE RULE OF 72

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Akamai



# — What I'm going to tell you

- ▶ The Security Poverty Line
- ▶ HD Moore's Law
- ▶ The Rule of 72
- ▶ Tying it all together
- ▶ What next?

# Security Poverty Line



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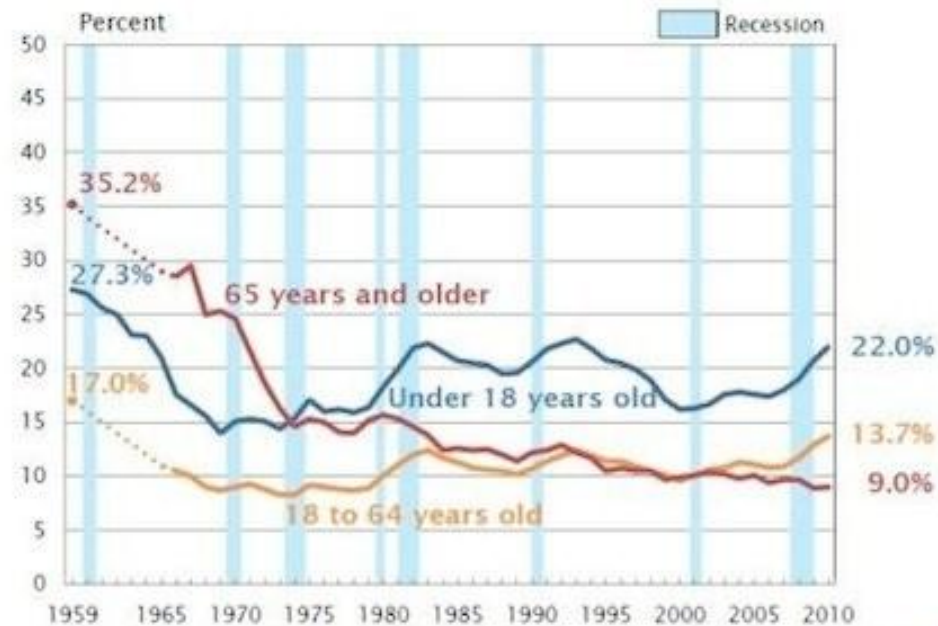
# Wendy Nather



- ▶ 451 Researcher
- ▶ <http://idoneous-security.blogspot.co.uk/>
- ▶ One smart cookie
- ▶ @451Wendy

# 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.

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# HD Moore's Law



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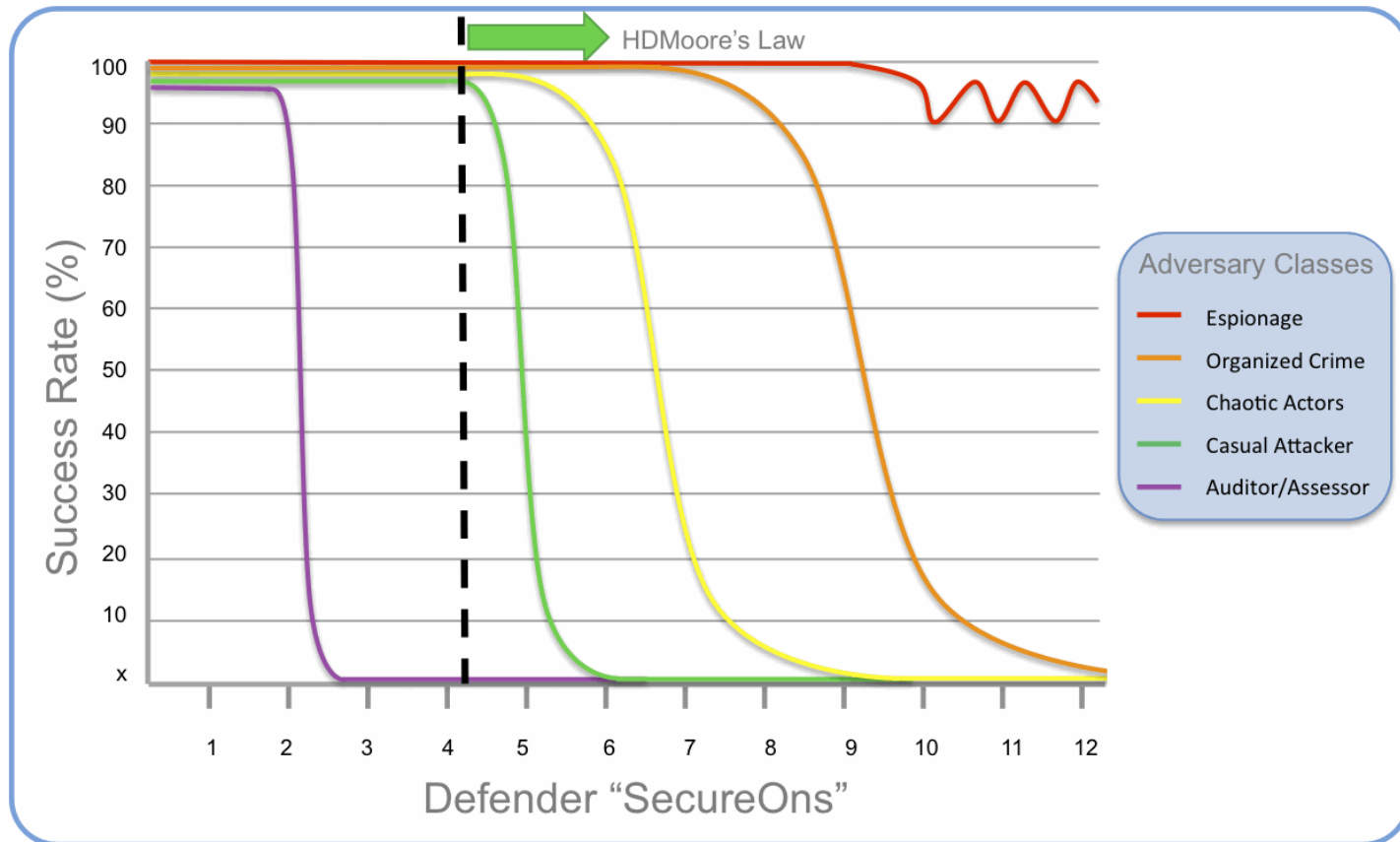
# — Josh Corman



- ▶ Director of Security Intelligence, Akamai
- ▶ Unreasonable Man
- ▶ Researched the anthropology of Anonymous
- ▶ <http://blog.cognitivedissidents.com/>
- ▶ [iamthecavalry.org](http://iamthecavalry.org)
- ▶ @joshcorman

# HD Moore's Law

- ▶ “Casual Attacker Power grows at the rate of Metasploit





# The Rule of 72



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# — Guilty confessions

- ▶ Life and Health Insurance Agent
- ▶ Series 6 & 63 licensed
- ▶ Term vs. Universal/Whole

72

# How's it all fit together?



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# — Security Debt

- ▶ Difference between 'can' and 'need to'
  - ▶ Patching
  - ▶ Technologies
  - ▶ Knowledge
  - ▶ Manpower
  - ▶ Willpower

# — Debt balloons. Fast.

- ▶ 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

Where do we go  
from here?



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# — Alternatives

- ▶ Change nothing
- ▶ Declare bankruptcy
- ▶ Spend!
- ▶ Innovate
  - ▶ More blinky lights?
  - ▶ Change the business model?
  - ▶ Cloud?
  - ▶ Other?

# — What I told you

- ▶ The Security Poverty Line
- ▶ HD Moore's Law
- ▶ The Rule of 72
- ▶ Tying it all together
- ▶ What next?

Thank you!



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