If this stuff is so great, then why isn't everybody doing it?
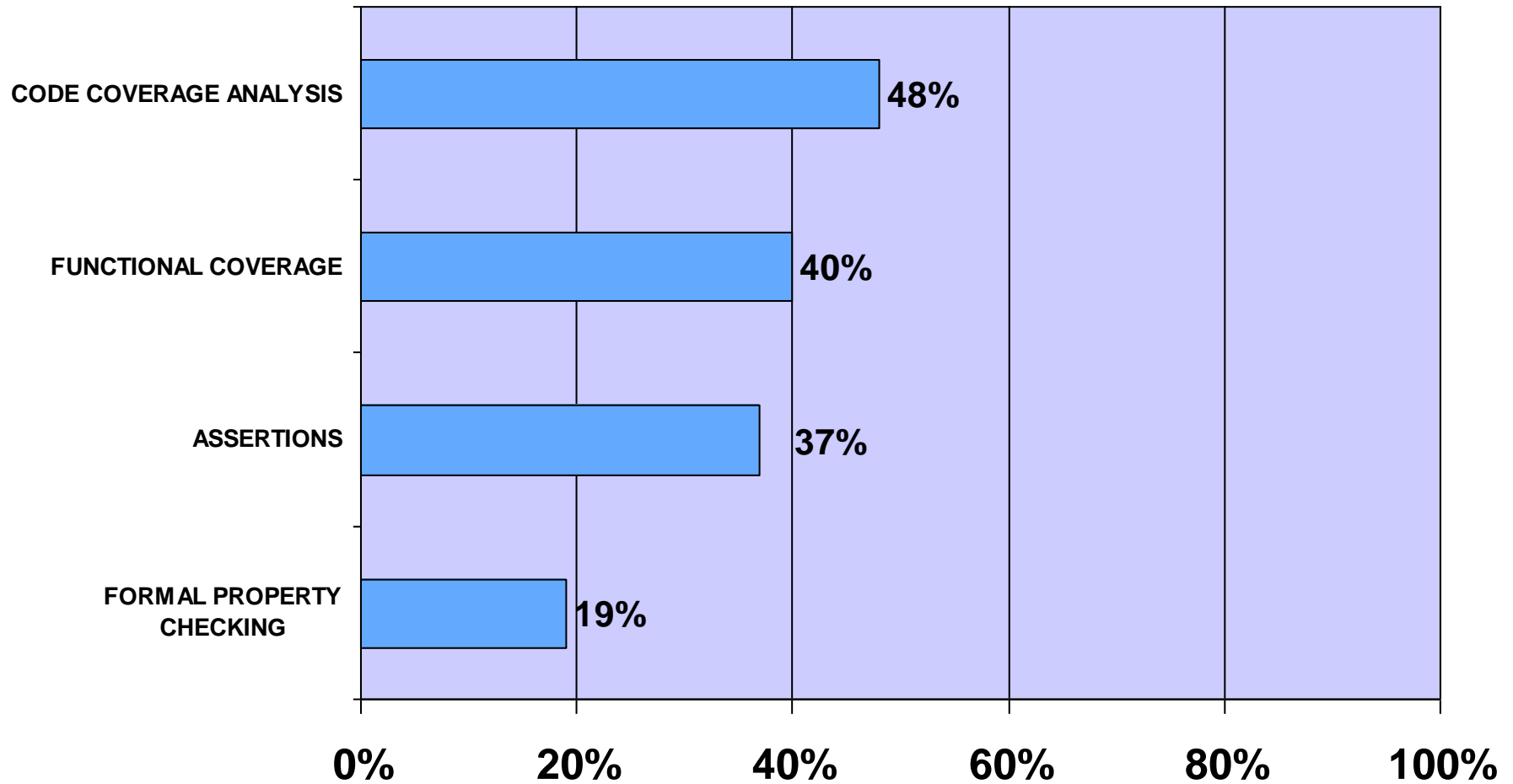

Harry Foster
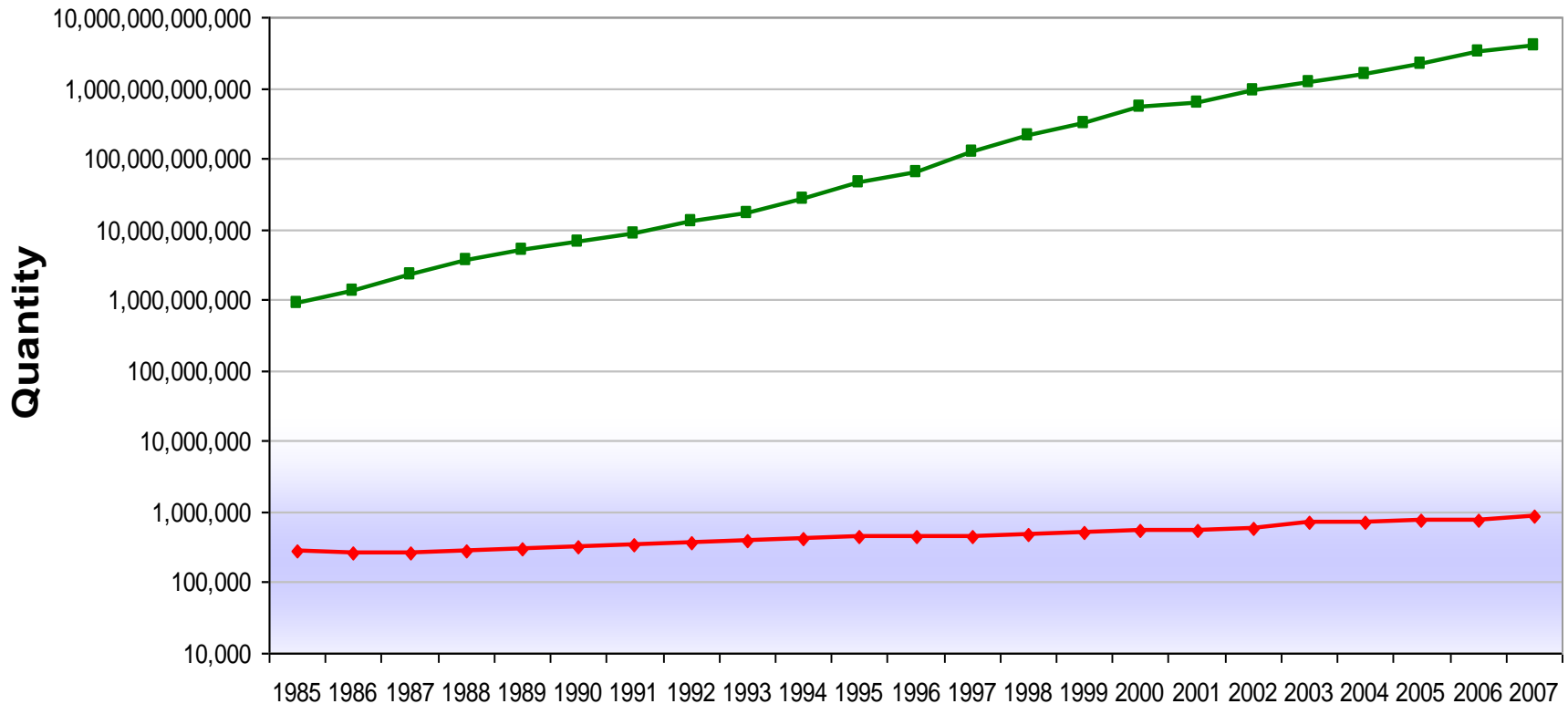**Chief Verification Scientist**

Functional Verification Technique Adoption

Farwest Research and Mentor Graphics, 2008

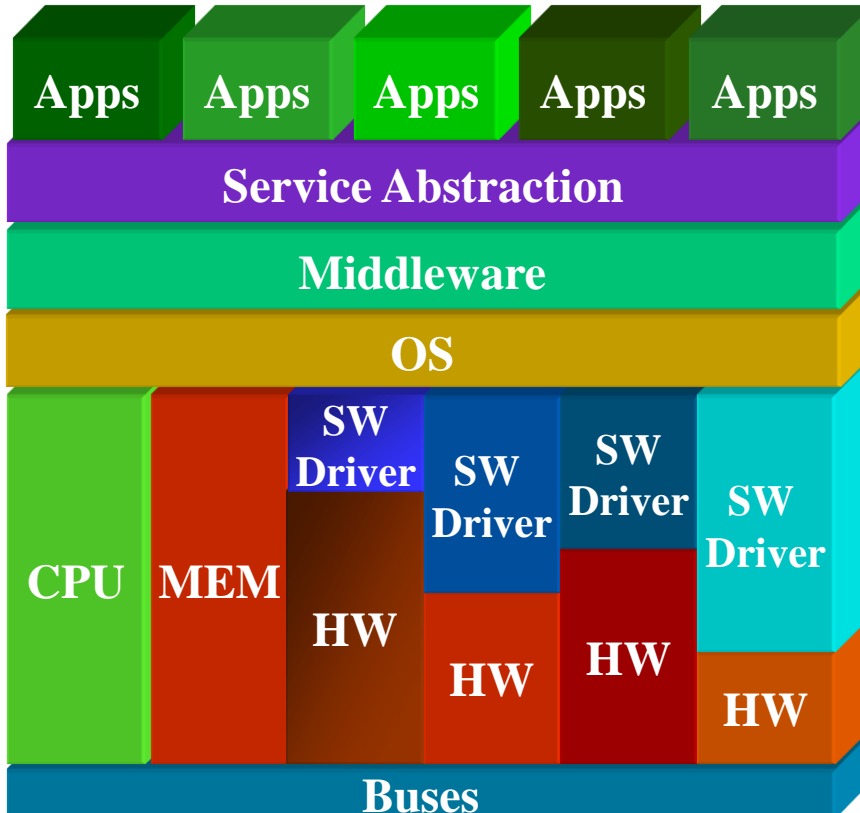# Transistors Produced per Hardware Developer Nearly 4-Orders of Magnitude since 1985

3

Need for Software Development Automation

System Design Has Shifted to the Semiconductor Suppliers

To solve the rising cost of complex chip design will require more automation in the software development process!

How can formal help here?

Needed Solutions and Research…

- **Lack of confidence metrics….**

  — **Industry wants solutions that allow them to merge and analyze coverage(?) across many different *system* domains…**

Coverage(?)

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