SURVEILLANCE> DATAVEILLANCE II

SEPT. 23/15

JOHN GILLIOM AND TORIN MONAHAN, "MY CELL, MY SELF" *SUPERVISION: AN INTRODUCTION TO THE SURVEILLANCE SOCIETY* (2013)

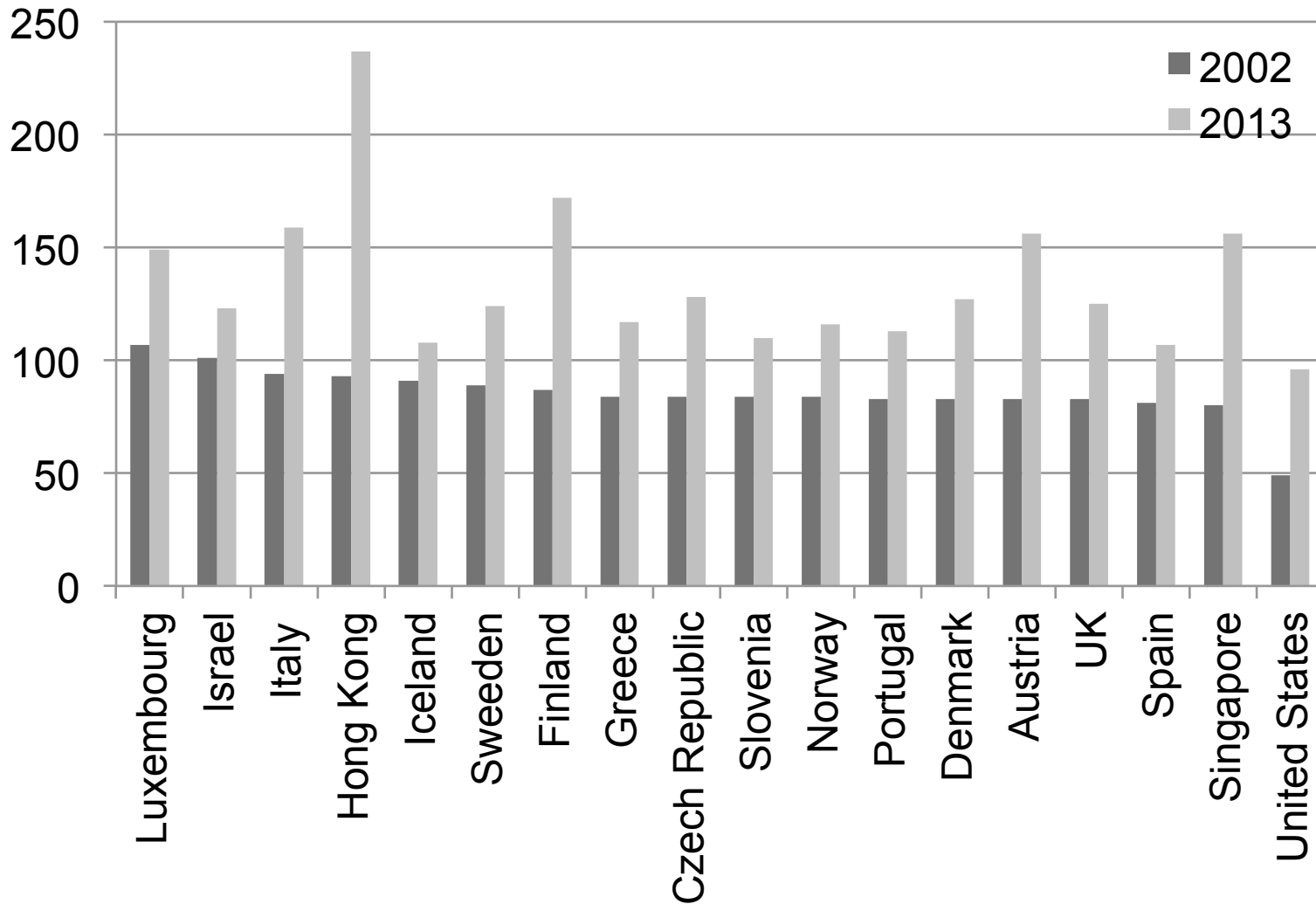# CELL PHONE AS SYMBOL OF SURVEILLANCE SOCIETY

Tracks

- **Who you are**

- **Who your friends are**

- **Where you are**

- **Where you've been**

- **++ Software to become roving bug**

- **++ Ever more sophisticated cameras**

UBIQUITOUS DEVICES

History of Mobile Telephony

- **Cheyenne Wells, Colorado 1946 first radio-based telephone system**

- **Late 80's vs. Early 90's cell phones – bricks vs. blocks**

- **GSM (Global System for Mobile Communications) standardization and international roaming in the late 80's**

- **Carriers begin to off-set cost of handset with long term contracts and market explodes**

MOBILE PHONE OWNERSHIP

DATABANKS RECORD

- **Time / Duration / Sender / Receiver of calls + electronic transmissions**
- **Cross-analysis to show patterns of personal interaction**
- **Even go-phones can track and identify user through data**
- **Where you are**
  - Cell towers
  - GPS
  - WiFi (through IP address)
  - Bluetooth (ie: shopping mall and zoo)
  - Always signaling even if turned off
  - Archiving ALL your locations
  - E911 locator
  - Software add-on can turn it into roving bug
  - Augmented reality "tagged" objects
  - **Volunteer army of photographers/videographers**

SURVEILLANCE

- An exercise of power through watching

- If observation can make people do (or not do) something, then it can be understood as a form of power

PANOPTICON

- **Foucault and concept of constant observation creates "docile bodies" so accustomed to constant observation that they (prisoners) internalized discipline and lost the capacity to resist**

SURVEILLANT ASSEMBLAGE

- **Surveillance systems finding or creating differences among people + sorting them into micro categories (risk, value, preference, class, status, age, sex, race, etc.)**

- **Surveillant assemblage removes individuals and practices from social context into "data"**

- **Data recombined to provide "objective" representation**

  - Data double
  - Data body

- **Central force replaced by countless measures in countless locations**

SOCIAL ARCHITECTURE

- **Surveillance systems create pathways and opportunities for human and institutional behavior**

- **Technologies shape behavior and adaptations**

WHY WE SHOULD CARE

- **Information systems**

  - Act as Social Architecture
  - Compel participation
  - Enable and constrain