

Conversation with
Fulton T. Armstrong

Spy Warriors: Who's Who?

Spy Wars

Who's conducting the spy wars?

Government agencies

Non-government organizations

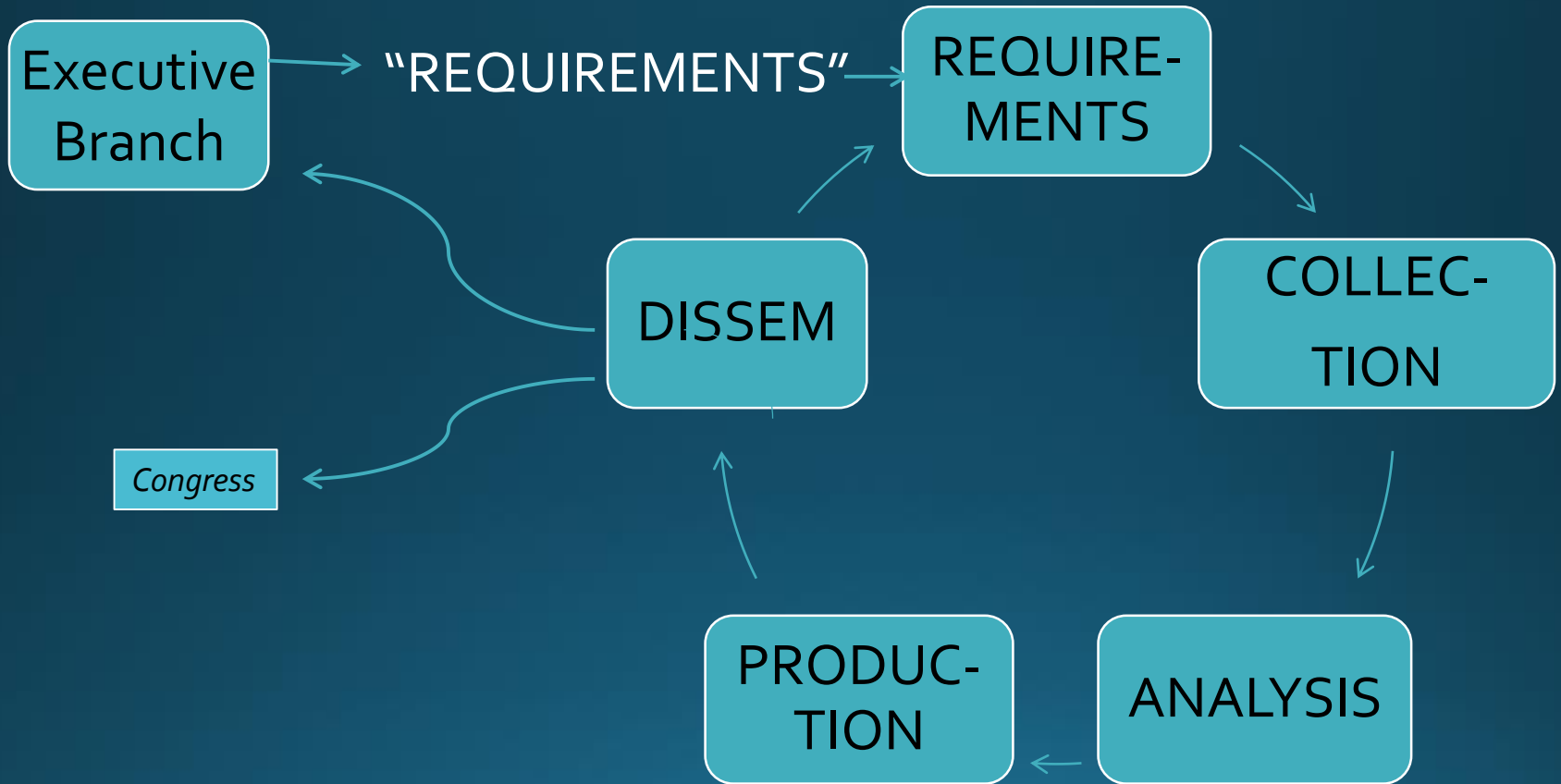
Hackers

Terrorists

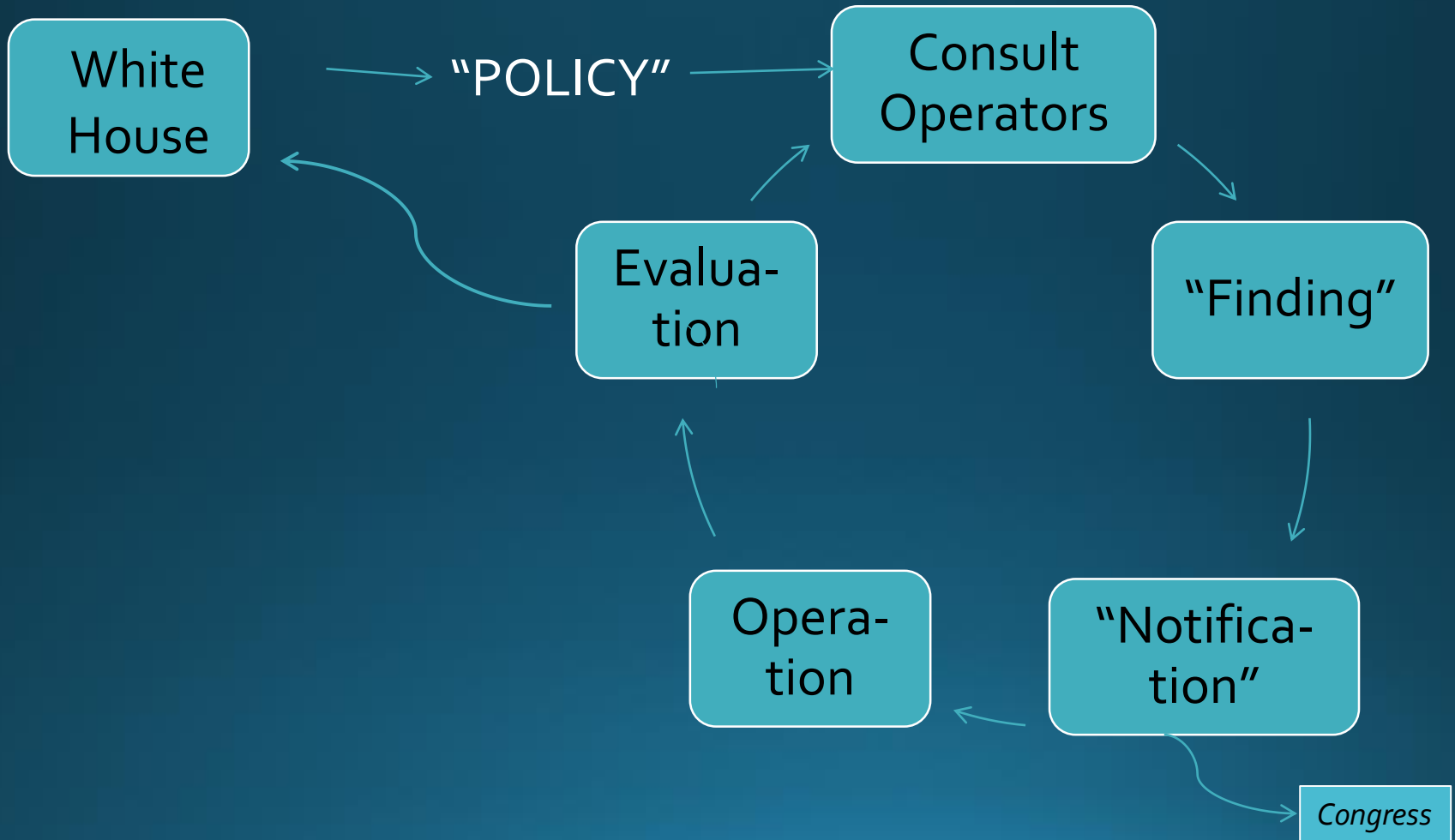
Businesses

Political parties

U.S. Foreign Intelligence (FI) Cycle



Covert Action (CA) Cycle



The INTs

HUMINT - Human Intelligence

Intelligence from humans (documentary or hearsay)

- Face-to-face or stand-off
- Broad range of targets

SIGINT - Signals Intelligence

Intercepts (radio, phone, etc.) or tel-taps or internet

- COMINT; ELINT; FISINT; TELINT

The INTs

OSINT - Open-source intelligence

IMINT or GEOINT – Imagery or Geospatial intelligence

MASINT - Measurement and Signature intelligence

FININT - Financial intelligence

UK



- Work secretly overseas, developing foreign contacts and gathering intelligence
- Identify and exploit opportunities as well as navigate risks to national security, military effectiveness and economy
- Counterterrorism, counterproliferation, conflict resolution

MI5 counters threats from within the UK

Government Communications Headquarters (GCHQ) does SIGINT and cyber

CANADA



CSIS

CSIS – Canadian Security Intelligence Service

- “Security intelligence” and “foreign intelligence”
- Emphasizes liaison abroad
- Collects, analyzes, reports on threats
- Some domestic ops, but mostly international.
- Created in 1984, taking away functions from RCMP

CSE – Communications Security Establishment

- National cryptologic agency.
- Under the Department of National Defence (DND)
- IT security

CANADA



CSIS

Intelligence Branch in Canadian military

- Support commanders

RCMP – Royal Canadian Mounted Police

- law enforcement

RUSSIA

SVR - Foreign Intelligence Service

- mainly civilian intelligence
- founded 1991; successor to KGB
- “active measures”
- sigint
- CT cooperation and other liaison activities



SVR

GRU – Main Intelligence Directorate (military)

- reportedly six times more officers overseas than SVR

FSB – Federal Security Service

- Counterintelligence, state security, counter-terrorism

CHINA



MSS

MSS – Ministry of State Security

- Generally non-military intelligence
- Foreign, domestic, and counterintelligence
- *Not* same as Ministry of Public Security (next door)

PLA – People's Liberation Army Intelligence

- 3PLA – Third Department -- SIGINT agency
- 4PLA – Fourth Department - ELINT

CICIR – China Institutes of Contemporary International Relations

- Affiliated with MSS and CPC, contributes to analysis
- Cooperation with Central National Security Comm. (CNSC)

DNI plus 16

Air Force

Army

CIA

Coast Guard

DIA

Energy

DHS

State

Treasury

DEA

FBI

Marine Corps

NGA*

NRO**

NSA

Navy

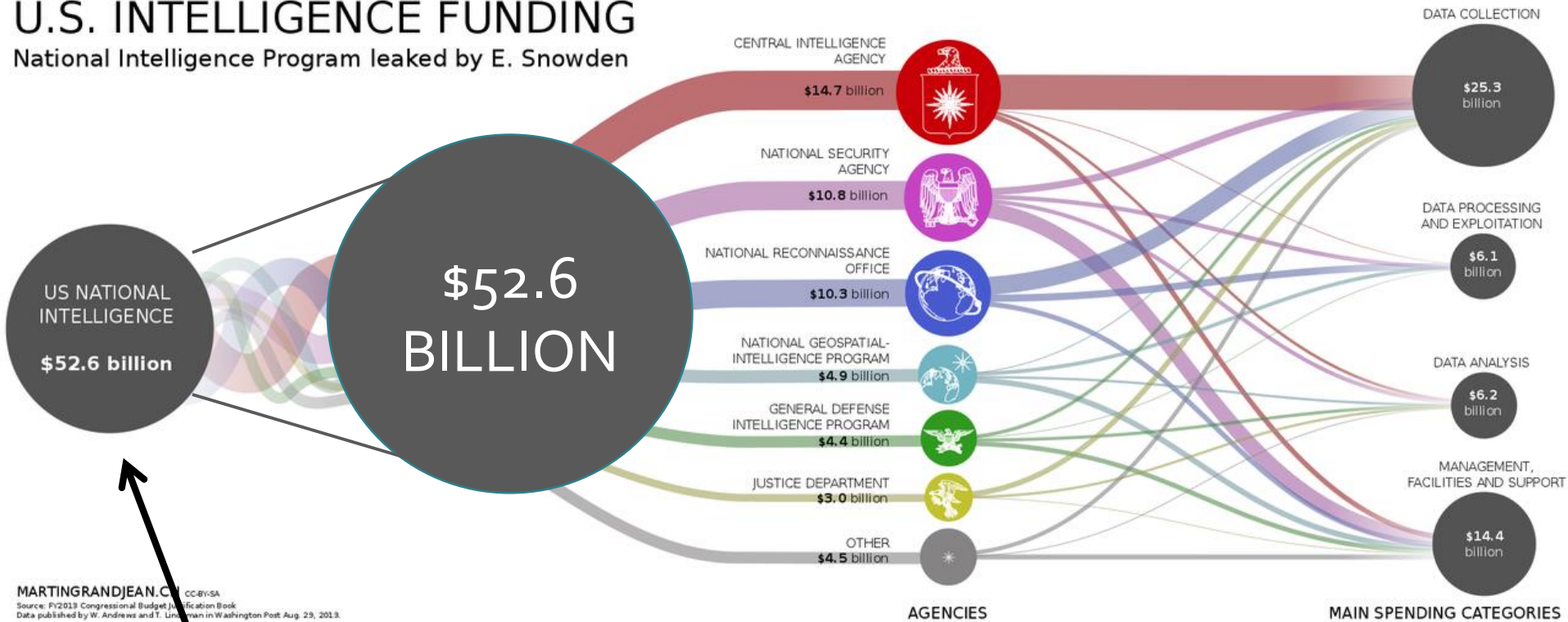
* National Geospatial-Intelligence Agency

** National Reconnaissance Office



U.S. INTELLIGENCE FUNDING

National Intelligence Program leaked by E. Snowden



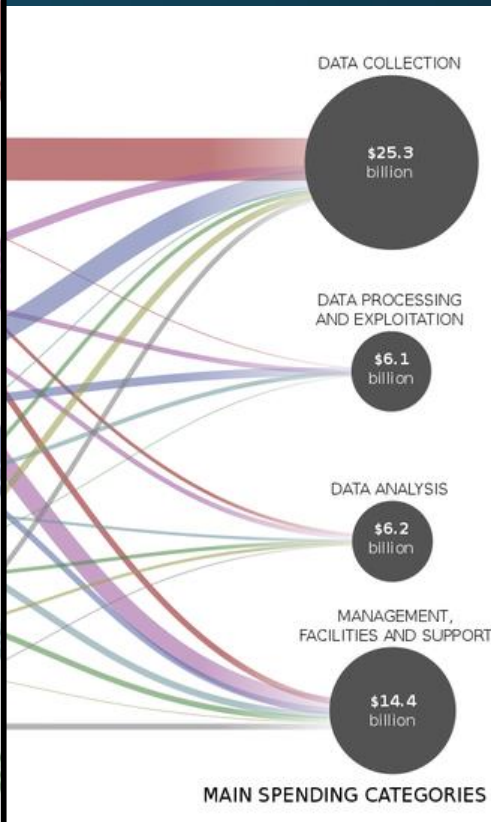
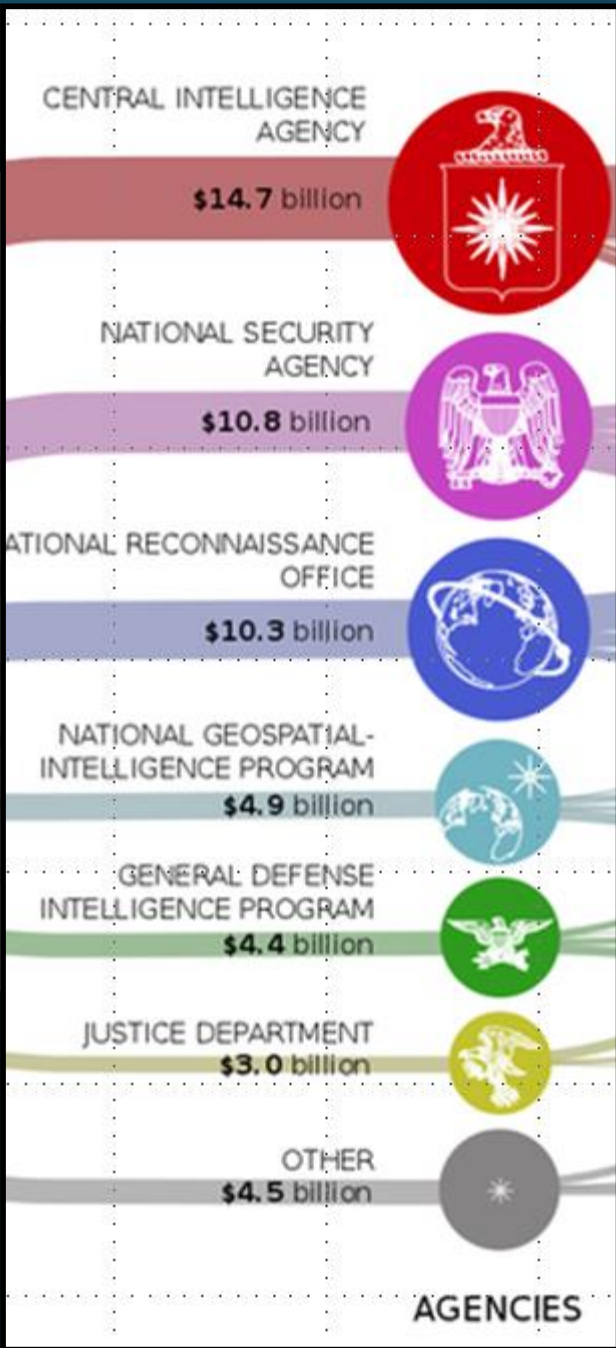
The “National Intelligence Program” (NIP)

- Different from the “Military Intelligence Program” (MIP)

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Source: FY2013 Congressional Budget Justification Book
Data published by W. Andrews and T. Lippman in Washington Post Aug. 29, 2013.

U.S. INTELLIGENCE FUNDING

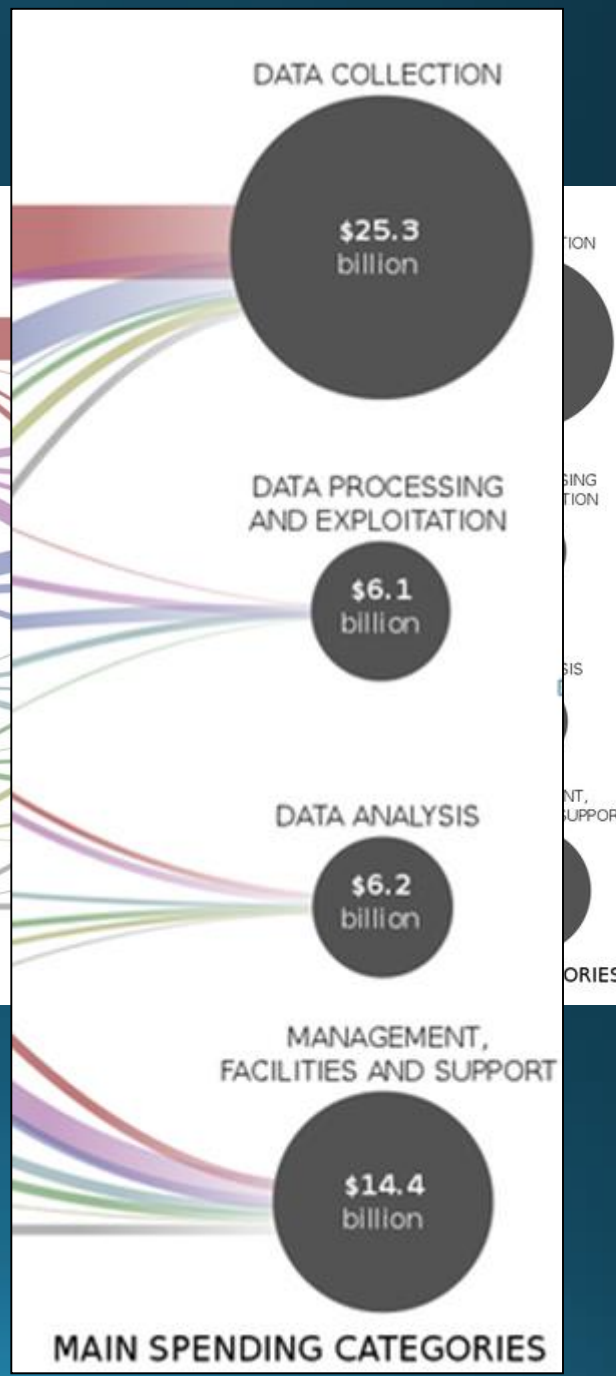
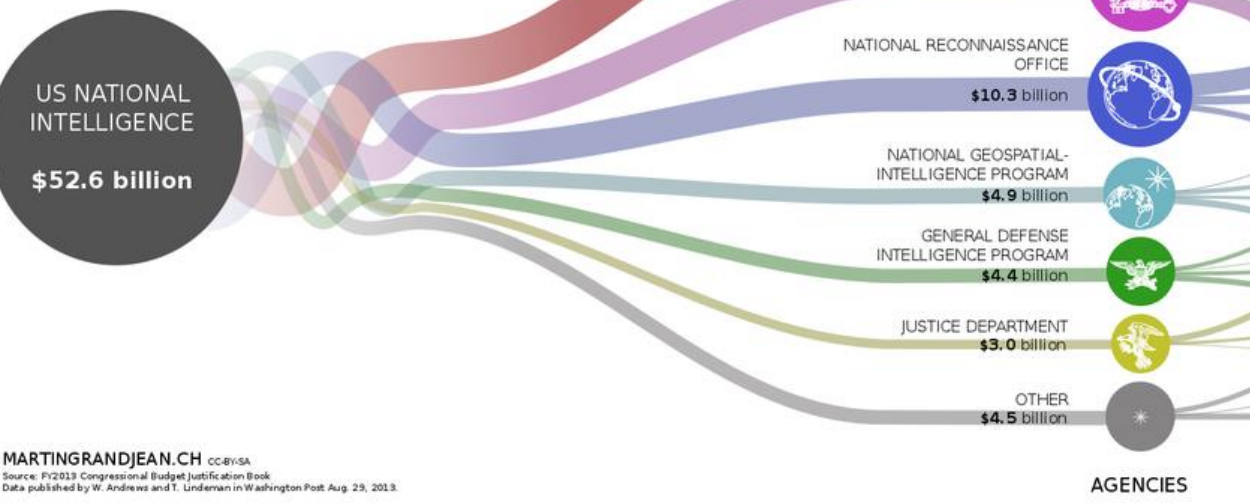
National Intelligence Program leaked by E. Snowden



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PERSPECTIVE

\$52 billion is ...

about 1.4% of the U.S. federal budget (\$3.7 trillion)

about 8% of the DOD budget (\$600 billion)

about 8.2% of Medicare budget (\$634 billion)

OR

about 1.5% of health care (\$3.35 trillion)

about 74% of pet products (\$70 billion)

about half of beer (\$96 billion)

about 3 times more than chocolate (\$16 billion)

The Washington Post

Washington Post in 2010:

1,271 government orgs

1,931 private companies

10,000 locations

854,000 people with TS

working on
counterterrorism, homeland
security, and intelligence

private contractors

= 29% of workforce

= 49% of personnel budgets

What are their jobs?

HUMINT

- COS, case officers, support
- HQS support
- Analysts

SIGINT

- Technical
- Cryptologists
- Linguists and analysts

OSINT

- Selection staff
- Analysts

IMINT/GEOINT,
MASINT

- Technical
- Analysts

FININT

- Analysts

One last big player

Oversight

Executive

- Authorization
- Accountability
- PFIAB (IOB before Clinton)

Congress

- SSCI
- HPSCI
- “Gang of Four/Eight”

Public

- Mostly evaluation of policy