pennsylvania
OFFICE OF OPEN RECORDS

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Thrival Festival: Big Data & You
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Gov't Collects a LOT of Data

Non-Personal:

- *Video: Dashcams, Bodycams, Drones*

- GIS Data

- Economic Data, incl. Gov't Budgets

- Aggregated Data (e.g., voter participation)

- Air Monitoring Test Results

- More: e.g., OpenDataPhilly.org

Gov't Collects a LOT of Data

Personal:

- Driver's License & Voter Registration

- Property Deeds

- Marriage License & Divorce Records

- Birth Certificates

- Court Records (Criminal & Civil)

- School Transcripts

Some Gov't Data is Public

Public access is governed by:

- Pennsylvania Right-to-Know Law (RTKL)

- Federal Freedom of Information Act (FOIA)

- Other Statutes, Regulations & Court Orders

Big Data Can Benefit Gov't

Benefits seen across agencies:

- Law enforcement analyzing petabytes of data to investigate crimes against children

- Drones sent in after disasters to compare landscape with pre-disaster mapping data

- Monitoring complex transportation systems w/ real-time analysis to anticipate problems

NOTE: 1 petabyte = 1,000,000 gigabytes

Big Gov't vs. Big Data

GovTech.com:

How Big Data in Government Falls Dangerously Short of the Mark

States and localities are embracing the promise of big data. But just how good is the information they're collecting in the first place?

BY KATHERINE BARRETT AND RICHARD GREENE / JUNE 24, 2015

FiveThirtyEight.com:

ECONOMIC STATISTICS | 6:03 AM | MAR 9, 2015

Big Government Is Getting In The Way Of Big Data

By BEN CASSELMAN

Big Gov't vs. Big Data

FiveThirtyEight.com:

"Big data" may have revolutionized industries from advertising to transportation, but many of our most vital economic statistics are still based on methods that are decidedly, well, small.

Big Gov't vs. Big Data

FiveThirtyEight.com found that:

- Unemployment rate calculated via phone polls

- Retail sales calculated via paper forms

- Inflation calculated via on-site inspections

- Agencies often don't share data w/ each other

- Other countries offer easier access to data

Examples of Gov't Open Data

Open Data Websites:

- data.gov (federal gov't)
- data.hawaii.gov (Hawaii)
- data.illinois.gov (Illinois)
- data.maryland.gov (Maryland)
- data.ny.gov (New York)
- data.ok.gov (Oklahoma)
- opendata.utah.gov (Utah)

These six states ranked highest in an August 2014 report published by the Center for Data Innovation: **datainnovation.org**

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THANK YOU

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