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Presentation

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English

SOURCE: Statistics Netherlands

TITLE: Using new (big) data sources

Using new (big) data sources

Some lessons learned at Statistics Netherlands

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Outline

Practical observations 2009-2014:

Why did we start?

What did we do?

What did we learn?

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Why did we start?

- a will to reduce administrative burdens
- funds from the ministry of Economic Affairs
- a felt duty and a will to find out what this was all about

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What did we do? For details:

Details are available in several publications:

ICT, Knowledge and the economy:

[edition 2012 \(chapter 8.2\)](#)

[edition 2013 \(chapter 9.3\)](#)

paper on the Symposium website

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What did we do? To summarize:

- collection of prizes for airline tickets and petrol using internet robots
- collection of job vacancies using internet robots
- internet speed measurement
- smartphone measurements (Technical University Delft)
- study of online adds (Marktplaats.nl)

- on-going: the use of call detail records from telecom providers for tourism, mobility and population statistics
- on-going: the study of 2 million websites

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What did we learn?

- envision new (big) data sources as additional sources and not so much as sources replacing traditional sources
- new (big) data sources are rarely a solution for budget cuts
- privacy and methodology are the issues, not technology
- statistical offices and companies are partners
- discuss new products and beta indicators

To conclude: make an effort and use new (big) data sources, but be realistic and explain about quality and privacy

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