Providing statistical services to government

HL seminar Seoul, 20th March 2017 – Bert Kroese
This is our traditional task:

To publish reliable and coherent statistical information which responds to the needs of Dutch society
And this is what we do:

Data Collection as a Service

- Collect data
- Process data
- Dissemination

Data as a Service

- Microdata
- Aggregates

Big Data Innovation as a Service

- Survey
- Register
- Big Data

Open Data Services

- Direct delivery (brand identity)
- Direct supply (service of interest)
- Statline App
- CBS.nl
- Corporate app
- DONZ info
- CBS open data service
- Business as a Service (BBS)
- Data visuals
Open data services

Web application (StatLine)

Data portal

StatLine App

Many Apps

Open data Web service

Output database (>4,000 datasets)

Tableau

Excel
Data as a service (present)

- Departments
- Municipalities
- Universities
- Other government agencies
Data as a service (work in progress)

- Always latest information
- Distributed Data
- Sensitive Data

Security and access management very important!
Center for big data statistics

Official Launch 27 September 2016
Partner network
Urban/Departmental/Provincial/Parliamentary Data Center
Providing statistical services to government

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- Collect data
- Process data
- Dissemination

Big Data Innovation as a Service

Data as a Service
- Big Data
- Microdata
- Aggregates

Open Data Services
- Data as a Service