


Examples: UNECE and Big Data

- Consumer price indices – experimenting with the computation of price indexes
- Mobile telephone data – statistics on tourism and daily commuting
- Smart meters – statistics on power consumption using data collected from smart meter readings
- Traffic loops – traffic statistics using data from traffic loops
- Social media – using Twitter data to analyze sentiment and to tourism flows
- Job portals – computing statistics on job vacancies
- Web scraping – tested methods for automatically collecting data from web sources

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UNECE Big Data Inventory

 **UNECE Big Data Inventory Home**
Created and last modified by Taeke Gijlemans on 22 May, 2015

[UNECE Big Data Inventory](#) [Information on Big Data Inventory](#) [Add a Big Data Project](#)

Most projects are only available to staff of NSOs working on Big Data. To get full access, please log-in. To obtain a username (or to be added to the bigdata group), contact support.stat@unece.org

Filter the list of projects in the inventory here:

Type of Big Data used*

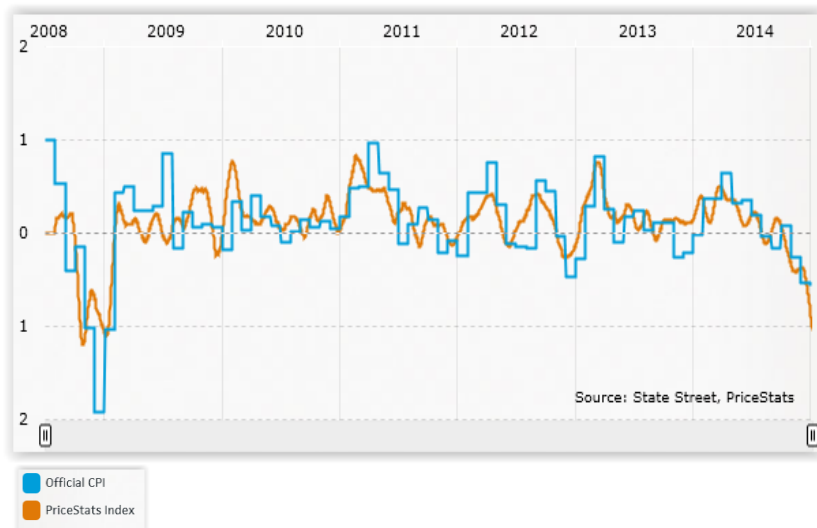
Country

Domain**

Global Filter

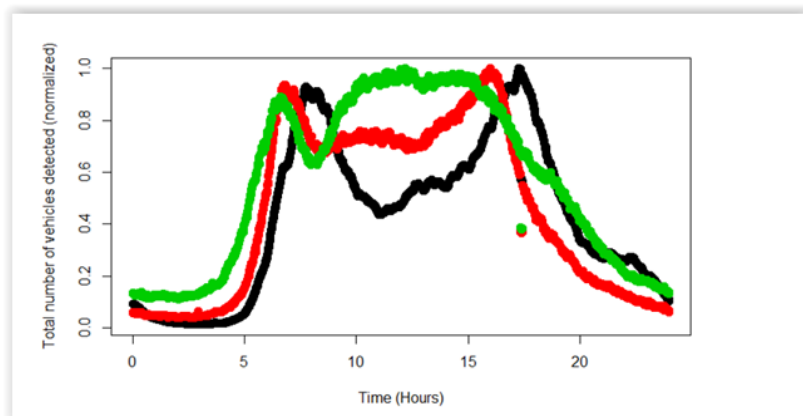
Inventory entries	Country	Type of Big Data used*	Domain**
Australia (ABS) - Social Linked (semantic) Data Processing for Various Statistical Uses	Australia	Data from public administration (2100)	Education (1.3); Health (1.4); Income and consumption (1.5); Labour (1.2); Population and migration (1.1)
ESCAP - Developing a Curriculum and Training Modules on Using Big Data for Official Statistics	International		Economic accounts (2.2); Environment (3.1); Population and migration (1.1); Prices (2.7); Other

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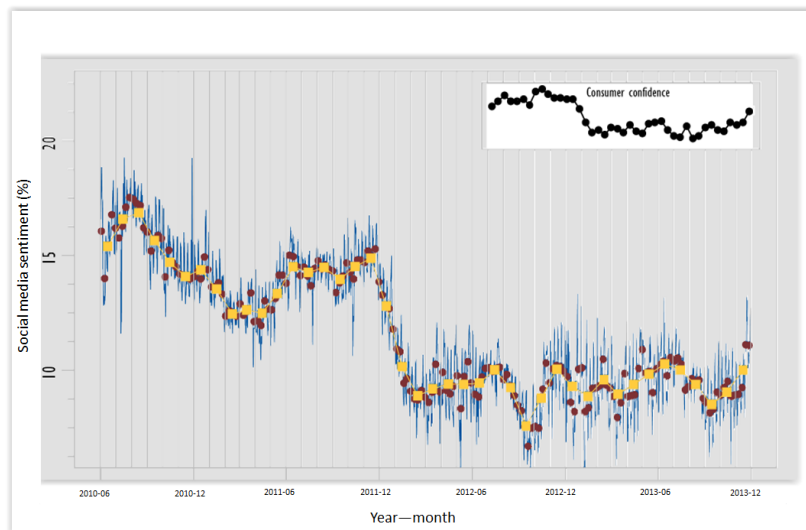
U.S. Aggregated Inflation Series, Monthly Rate, PriceStats Index vs. Official CPI. Accessed January 18, 2015 from the PriceStats website.

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Number of vehicles detected in the Netherlands on December 1, 2011 created by Statistics Netherlands (Daas et al. 2013). The vehicle size is shown in different colors; black is small size, red is medium size and green is large size.

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Social media sentiment (daily, weekly and monthly) in the Netherlands, June 2010 - November 2013. The development of consumer confidence for the same period is shown in the insert (Daas and Puts 2014).