



# Open data at Statistics Finland

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# Open data and National Statistical Service

- National Statistical Service and Official Statistics
  - National Statistical Service => [portal for Official Statistics of Finland](#)
  - The European Statistical System ESS
  - International
- Uniform norms, principles and standards
- Quality criteria and quality assurance
- EU level recommendations
  - EU's directive on the re-use of Public Sector Information (PSI) in 2003 was important for policy making
  - The INSPIRE directive in 2007 defined the minimum for open map data and the standards to be used
  - In 2013, Eurostat made a recommendation on as extensive open distribution of European statistics as possible

# Open data and National Statistical Service



## Promootio akti, yliopiston juhlasali

Sundström Eric, Valokuvaaja 1919  
Kuvaustiedot: Sundström Eric 1919  
Helsingin kaupunginmuseo

Promootio akti, yliopiston juhlasali.  
Itsenäisen Suomen ensimmäiset maisterinviikiksi tapahtuivat 31.5.1919. Yleisenä seppeleensitojattarena oli Valtionhoitajan tytär Sophie Mannerheim. — negatiivi ja vedos, lasi paperi, mv

► Näytä tarkat tiedot

✦ Lisää suosikkeihin

⬇️ Lataa kuva (7652 x 5665)

Kuvan käyttöoikeudet: CC BY 4.0  
LISAA ▾

Tämän aineiston tarjoaa

Helsingin kaupunginmuseo

[Ota yhteyttä](#)

## — Objectives:

- Support and promote the use of data
- Using data to support decision making
- Availability, accessibility and usability of data
- As extensive use of data as possible, increasing the effectiveness of data

## Students at the University of Helsinki

1917	2016
3,215	32,031

### Source:

Central Statistical Office of Finland (Tilastollinen päätoimisto).

[Statistical Yearbook of Finland 1922](#), Table 183.

Statistics Finland. University education. [University students and qualifications](#).

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# Challenges include statistical data protection, financing and metadata

- Statistical data protection is very strong
  - Limitations and possibilities offered by opening data
- Financing issues
  - Maintenance and development of services and interfaces requires work
  - Act and Decree on Statistics Finland's chargeable activities – who pays for open data (data producer, Ministry of Finance, the ministry of the administrative branch in question, individual customers)?
- Quality and coherence of metadata in statistical data
- In addition to an open technical interface (API), content and functionality that make it easier to use the datasets are also important

# Statistics Finland's open data and interfaces

Data name	Year	Public data	Open data	Open interface	SF	Paikkatieto (geographical information) window
StatFin, Eurostat's key tables, tables with international data	1/2012	yes	yes		X (API)	
Finland in Figures tables and similar	1/2012	yes				
Inspire data (e.g. population data 1 km x 1 km, production and industrial facilities and educational institutions)	5/2013	yes	yes	yes		X
Release calendar, data catalogue	5/2014	yes	yes		X	
Population data 5 km x 5 km	6/2015	yes	yes	yes		X
Road traffic accidents	6/2014	yes	yes	yes	X (API)	X
Optimised database tables (e.g. key figures of of environmental accounts)	8/2014	yes	yes		X (API)	
Microsimulation model *) (model, no data)	9/2014	yes				
Teaching material (PUF) *)	9/2014	yes				
PAAVO - open data by postal code area	1/2015	yes	yes	yes	X (API)	X
Key figures on municipalities	1/2016	yes	yes		X (API)	

\*) logging in to the free service

N.B. The examination does not take into account, e.g., data produced through statistical services.



Statistics Finland 

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