

FSD and CESSDA ERIC: Trusted, sustainable and integrated infrastructures

HELDIG 23.10.2018

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- > CESSDA ERIC in short
- > FSD's and CESSDA's services for researchers
- > Forthcoming SSHOC project
- > www.fsd.uta.fi
- > www.cessda.eu



YHTEISKUNTATIETEELLINEN
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Finnish Social Science Data Archive FSD

- > National resource centre for research and teaching since 1999 (institute at University of Tampere)
- > Expert organisation in digital research data: curates, preserves and disseminates data collected to study (Finnish) society, people and cultural phenomena.
- > Main user groups: researchers, higher education students and teachers. Most services openly available to anyone.
- > No fees for users (funded by M. of Education and Culture and UTA)
- > CTS certified repository.
- > We implement the FAIR data principles responsibly.
- > The Finnish Service Provider for CESSDA ERIC





Finnish Social Science Data Archive provides access to a wide range of digital research data.

Archiving Services at FSD



Download data from Aila



Read more about our services. They are all **free of charge**.





Students

Teachers





Researchers

Research funders

News

- 5.9.  Mari Kleemola to join international CoreTrustSeal Board
- 7.8.  Recently published data in English
- 14.6.  Summer 2018 opening hours
- 6.6.  New guidelines for data anonymisation available in English

Recent Data Releases

- 10.9.  Power Structures of Finnish Society 2011
- 5.9.  Gustaf Alfred af Hällström: library and purchases of printed works 1845-1861
- 4.9.  Citizen Deliberation on the Swedish Language and Swedish-speaking Minority in Finland: Control ...
- 4.9.  Citizen Deliberation on the Swedish Language and ...



CESSDA ERIC

Consortium of European Social Science Data Archives

- > The EC granted CESSDA an ERIC status in June 2017
 - Hosted by Norway, the Main Office in Bergen
 - Brings together social science data archives across Europe, with the aim of promoting the results of social science research and supporting national and international research and cooperation.
- > The CESSDA Strategy 2018-2022 has four pillars:
 - Building on TRUST
 - Renown for TRAINING
 - Proficient in TECHNOLOGY
 - User-friendly TOOLS & SERVICES

Data Catalogue

The CESSDA Data Catalogue contains the metadata of all data in the holdings of CESSDA's service providers. It is a one-stop-shop for search and discovery, enabling effective access to European social science research data.



Data Management Expert Guide

This guide is designed by European experts to help social science researchers make their research data findable, accessible, interoperable and reusable.



Training

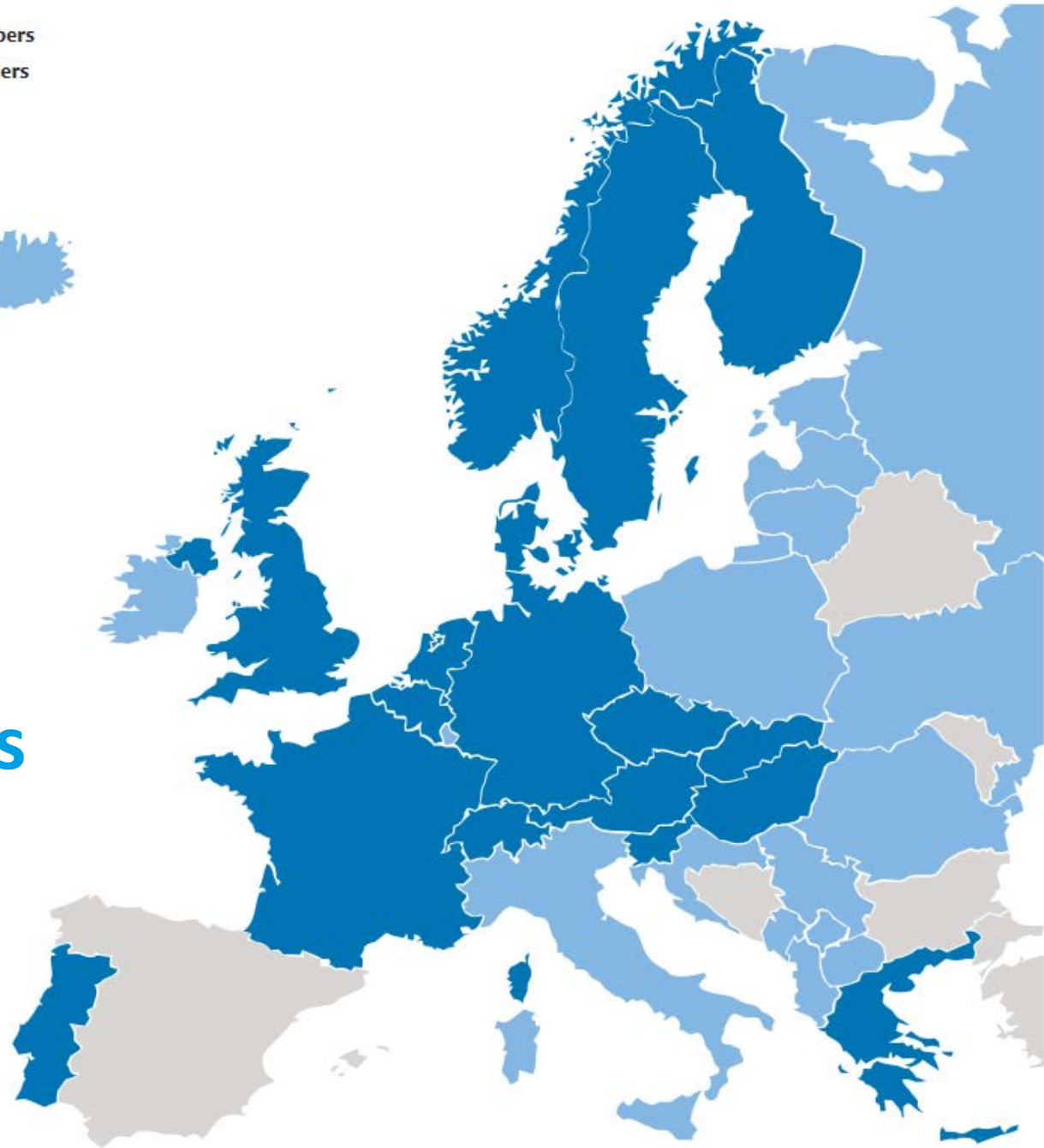
The CESSDA Training website provides a collection of resources and events for learning about the management, preservation and distribution of research data.



■ Members
■ Partners



Members and partners





Overview of FSD's Services

- > Data deposit (active acquisition)
- > Data curation
- > Data access: Data Service Portal Aila
- > Ask about data – user services
- > Other services/resources
 - Research Methods Web Resource MOTV
 - Data Management Guidelines
 - POHTIVA, the Finnish Party Agenda Database
 - Textual Data Collection Tool Penna
 - FNESdata, portal to Finnish National Elections studies 2003-2015
 - Democracy Indicators
 - Access to ICPSR data collections





*Values,
attitudes,
opinions*

Themes in FSD Data Collection

- > Ageing and the Elderly
- > Alcohol and Substance Use
- > Children, Childhood and Family
- > Crime
- > Culture and Leisure
- > Environment and Energy
- > Equality and Impartiality
- > Finnish Elections
- > Food
- > Local Government
- > Media
- > Health
- > Immigration, Foreigners and Racism
- > Past and Future
- > Poverty
- > Religion, Religiosity and Church
- > Safety and Security
- > Sexuality and Gender
- > Sports and Physical Activity
- > Students and Studying
- > Well-being and Social Relationships
- > Working Life
- > Youth

1400+
datasets

230 000+
variables



1. Log in
to Aila

2. Find relevant
data

3. Download data
easily and quickly



Download data from Aila

In the Aila Data Service you can freely search and browse study descriptions of archived data in Finnish and in English. The variables of many quantitative datasets have already been translated and are available in English.

Data download is also free of charge. Some data are available for all users but in most cases download requires registration.

Students and staff from the Finnish universities, polytechnics and research institutions can register themselves using HAKA authentication. Other users apply for a username from FSD User Services.

Maintenance window on Thursdays
7-10 am

[Log in](#)

New user? [Register](#).

News

- [Take a look at video introduction to Aila Data Services!](#)

Data catalogue

Browse, search and download data

Aila instructions

Read instructions for using the service

Terms and Conditions

Read conditions for Aila use



Study descriptions in English

In total 1383 datasets.

Display the data catalogue [in Finnish](#).

You can filter the studies in the catalogue by availability status, data file language or type. Study descriptions can be sorted by ID number, title, availability, data type or publication date. Only one sorting criterion is allowed at a time. [More information](#) on availability and conditions.

Dataset availability:

- (A) openly available for all users without registration,
- (B) available for research, teaching and study,
- (C) available for research only (including e.g. Master's, licentiate and doctoral theses),
- (D) available only by permission from the data depositor/creator.

You can browse archived data, for example, by [keyword](#), [topic](#) and [series](#).

Availability

- ☐ A ⓘ
- ☐ B ⓘ
- ☐ C ⓘ
- ☐ D ⓘ

Type

- ☐ Qualitative
- ☐ Quantitative

Data File Language ⓘ

- ☐ English
- ☐ Finnish
- ☐ Swedish

◀ | 1 2 3 ... 28

Display per page 50 datasets.

FSDID	Study title	Availability	Type	Published ▼
FSD3204	Power Structures of Finnish Society 2011	B ⓘ	Quantitative	2018-09-10
FSD3208	Gustaf Alfred af Hällström: library and purchases of printed works 1845-1861	A ⓘ	Qualitative	2018-09-05
FSD3101	Citizen Deliberation on the Swedish Language and Swedish-speaking Minority in Finland: Control Survey 2014	B ⓘ	Quantitative	2018-09-04
FSD3100	Citizen Deliberation on the Swedish Language and Swedish-speaking Minority in Finland: Recruitment Survey 2014	B ⓘ	Quantitative	2018-09-04
FSD3102	Citizen Deliberation on the Swedish Language and Swedish-speaking	B ⓘ	Quantitative	2018-09-04



Display study description in English ▾

FSD3136 Finnish Youth Survey 2016

[Overview](#)

[Detailed description](#)

[Variables](#)

[Publications](#)

[Download data](#)

Study title

Finnish Youth Survey 2016

Dataset ID Number

FSD3136

Persistent identifier

[urn:nbn:fi:fsd:T-FSD3136](https://nbn-resolving.org/urn:nbn:fi:fsd:T-FSD3136)

Data Type

Quantitative

Authors

- Advisory Council for Youth Affairs (Nuora)
- Finnish Youth Research Network

Abstract

The main theme for the 2016 Finnish Youth Survey was future. Values and attitudes on working life, environment, discrimination, safety, immigration, and private motoring were also surveyed.

Views on future were surveyed by questions about one's own future, the future of Finland and the world as well as on the possibilities to influence one's own life. The respondents were also asked how important it was to have, among other things, own family and children, close friends, permanent job, high standard of living, and good physical condition by the time they were 35 years old. The respondents' views on the economic situation of their own generation and the following generation

The dataset is (B) available **for research, teaching and study.**

[Download the data](#)

Study description in other languages

- [in Finnish](#)

Related files

- [Codebook \(PDF file, in English\)](#)
- [Questionnaire \(PDF file, in Finnish\)](#)

Display study description in English ▾ .



FSD3136 Finnish Youth Survey 2016

[Overview](#)[Detailed description](#)[Variables](#)[Publications](#)[Download data](#)

Select variable

[k1_1] How do you view the following things: Your own future ▾



Question text

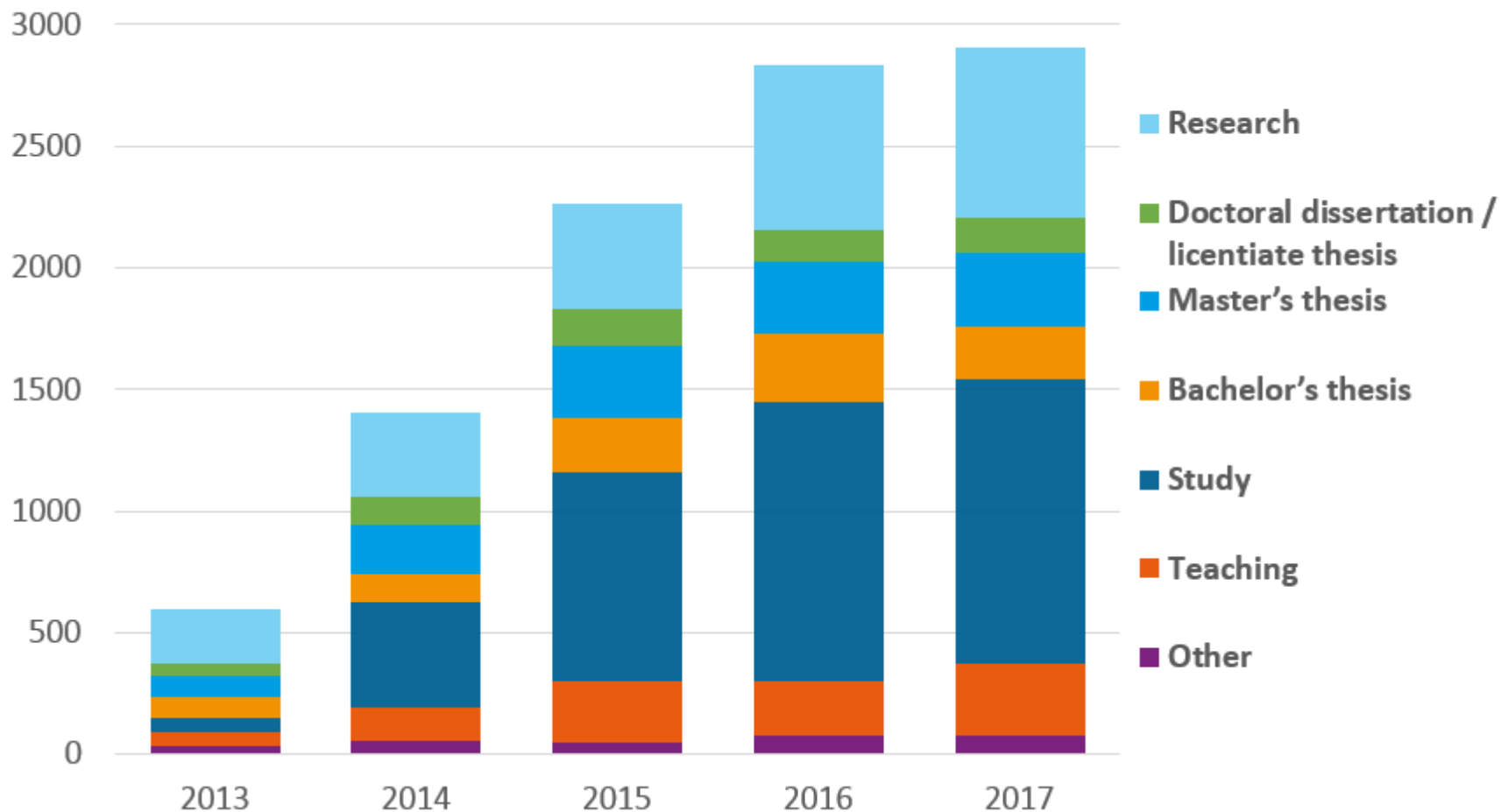
How do you view the following things: Your own future

Frequencies

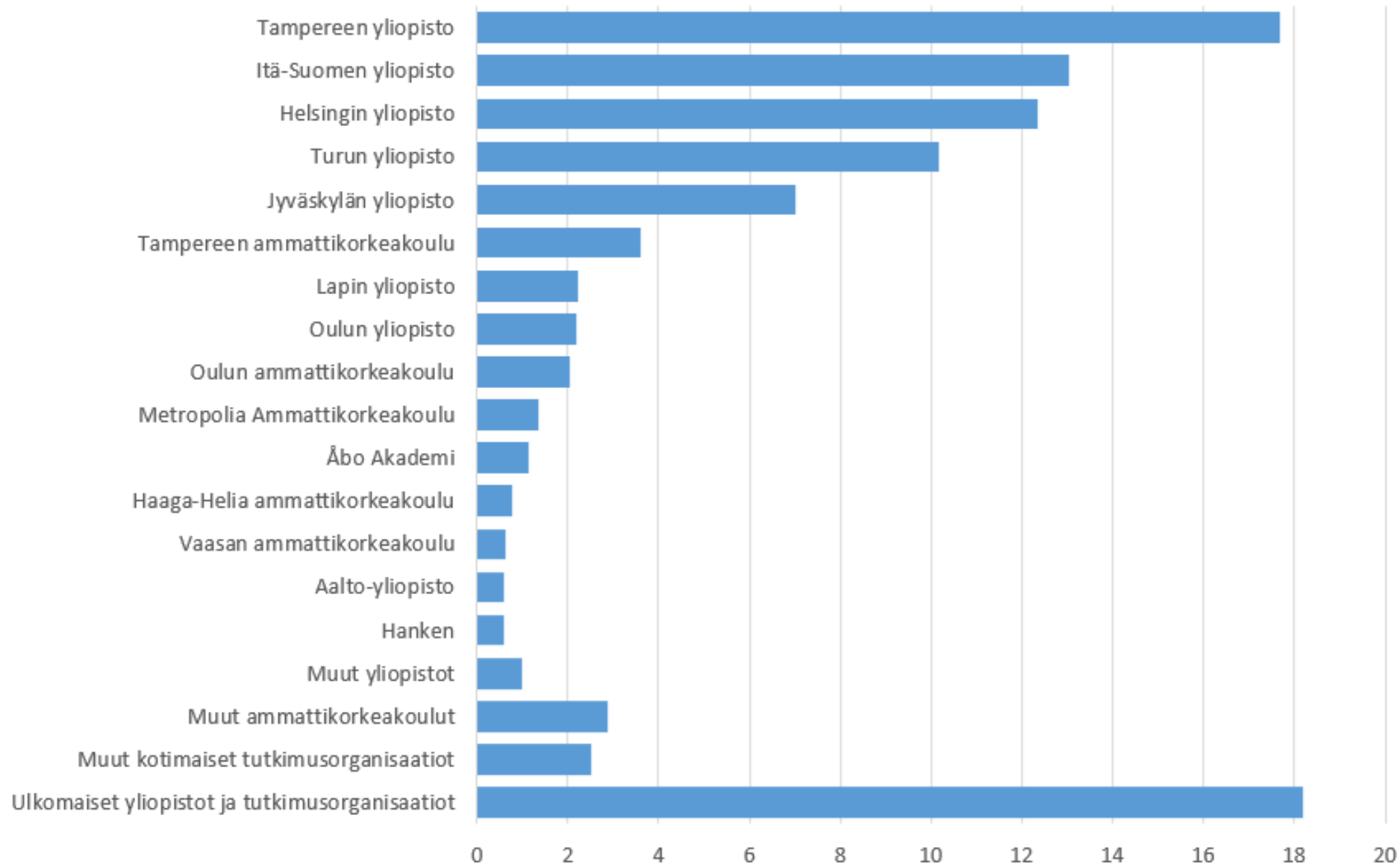
Category labels	Value	n
Very pessimistically	1	7
Pessimistically	2	47
Neither optimistically nor pessimistically	3	255
Optimistically	4	1071
Very optimistically	5	509
Can't say	99	12
Displayed frequencies are not weighted		



DATA REUSE 2013 - 2017 (COUNT)



DATA DISSEMINATION BY ORGANISATION 2017



Total: 103 organisations



Open Metadata by FSD

- > Study descriptions in DDI Codebook XML
 - Open for searching & browsing
 - Brief version of the metadata open for harvesting via Kuha OAI-PMH: Dublin Core, EAD2, CMM DDI C
- data archived at FSD visible in other services/catalogues



FINNA



cessda





1 Why Are Research Data Managed and Reused?

- Part of good scientific practice
- Research funders require data management
- Benefits of reuse and open access
- Research data life cycle

2 Data Management Planning

- Data management plan
- 1. The data
- 2. Rights
- 3. Confidentiality and data security
- 4. File formats and programs
- 5. Documentation on data processing and content
- 6. Life cycle

3 Copyright and Agreements

- Copyright
- Agreements between researchers
- Agreement concerning the transfer of rights
- Authorship in scientific publications and research data

4 Informing Research Participants

- PART I: Significance of informing participants
- PART II: Information content, form and informed consent
- PART III: Content of information to participants
- PART IV: Examples

5 File Formats and Software

- Converting files
- Digitisation of research data
- Data matrices and statistical packages
- Textual data
- Visual data
- Audio and video recordings

6 Processing Quantitative Data Files

- Recording a data matrix
- Variable names and labels
- Values and value labels
- Recoding variables
- Missing data
- Weight variables
- Using syntax

7 Processing Qualitative Data Files

- Transcription
- Organizing files
- Naming files
- Documenting background information
- Data lists
- Data collected from periodicals

8 Anonymisation and Personal Data

- What is personal data?
- What kind of information constitutes identifiable data?
- When are data anonymous and when pseudonymous?
- Bases of anonymisation
- Anonymisation of quantitative data
- Anonymising qualitative data

9 Data Description and Metadata

- Storing metadata
- Description of how the study was conducted
- Instrument of data collection
- Description of data files
- Description of variables
- Availability information
- Contextual information and paradata

10 Physical Data Storage

- Naming and managing files
- Backup and recovery

11 Guides, Examples and Vocabularies

- FSD's Guidelines in DMPTuuli

Table of Contents





CESSDA ERIC's services for researchers

- > Data Catalogue
- > Data Management Guide
- > Training

CESSDA's Services Timeline

	Tools & Services	Data Users	Data Producers	Service Providers	Funders / Members
2018	Social Sciences Common Vocabulary Manager			◆	
	Social Sciences Multilingual Thesaurus			◆	
	Social Sciences Multilingual Question Bank	◆	◆		
2019	CESSDA Quality Assurance				◆
	CESSDA Self-Archiving		◆		
	Single Sign On / Easy Access	◆	◆	◆	
	CESSDA Access to Sensitive Data	◆			
2020	Social Sciences Data Discovery Tools	◆			
	Social Sciences Research Data Management		◆		
	CESSDA Data Tags		◆	◆	



Forthcoming project: SSHOC

Social Sciences & Humanities Open Cloud

2019-2022

- > H2020 INFRAEOSC-04-2018; in negotiation phase with the EU
- > Plans to realise the social sciences and humanities' part of European Open Science Cloud (EOSC) where data, tools, and training are available and accessible for users of SSH data.
- > Specific objectives:
 - Build the SSH Cloud
 - Maximise re-use through Open Science and FAIR principles
 - Interconnect existing and new infrastructures
 - Governance for SSH-EOSC



SSHOC: Expected impacts

- > EU wide availability of
 - high quality “cloud ready” SSH tools
 - high quality SSH data
 - trusted and secure access mechanisms for SSH data, conforming to EU legal requirements
 - easy to use SSH Open Marketplace, where tools and data are openly available
- > data sharing is accepted practice (the “new normal”) among the different SSH communities
- > state of the art advanced through dedicated SSH data pilots cluster projects
- > SSH seamlessly integrated in the EOSC



SSHOC: Participants

- > Coordinator: CESSDA
- > 19 beneficiaries including
ESS, SHARE, CLARIN, DARIAH and LIBER
- > FSD involved as CESSDA LTP in
 - T3.1 Multilingual Terminology
 - T3.5 Data and Metadata Interoperability Hub
 - T8.2 Trust & Quality Assurance



Some thoughts about trusted, sustainable and integrated infrastructures

> Trusted?

- Trust is one of CESSDA's main strategic pillars. All national SPs are required to have the CTS certificate.
- (Trust) landscape is changing and evolving.

> Sustainable?

- Social science data archives have existed 50+ years.
- Advocacy to funders and policymakers still needed.
- Business models need to be developed.

> Integrated?

- Standards & vocabularies within and across disciplines needed.
- EOSC

Thank You!



TIETOARKISTO
FINNISH SOCIAL SCIENCE
DATA ARCHIVE