

# **Finnish Social Science Data Archive Annual report 2014**



FINNISH SOCIAL  
SCIENCE DATA ARCHIVE



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Annual report 2014**

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## Tasks, objectives and main events in 2014

The Finnish Social Science Data Archive (FSD) is a national service unit that archives and disseminates electronic research data for learning, teaching and research purposes. FSD was founded in early 1999 and acts as a separate unit of the University of Tampere.

FSD's actions are guided by the strategy for 2013–2016, which defines its main objectives as follows:

- diversification of services
- streamlining of services
- profile enhancement
- resource enforcement and
- closer international cooperation.

For more information on FSD's strategy, please visit <http://www.fsd.uta.fi/fi/hallinto/asiakirjat/> (available only in Finnish).

The objectives are realised through FSD's basic resources and the special infrastructure funding granted by the Academy of Finland. In March, the expert body for research infrastructures published an updated road map for 2014-2020, where FSD is mentioned as the national service provider for the pan-European distributed research infrastructure CESSDA.

Due to its service provider role, FSD is expected to develop and adapt its services according to the international organisation's requirements. To meet this end, the Archive has created two new permanent positions in its Information Services, and hired a software developer and a project coordinator on fixed-term contracts.

2014 will be remembered as a year of both major changes and celebration. FSD celebrated its 15th anniversary, released a new data delivery system, Data Service Portal Aila, and founded an award that is given annually to an individual or organisation demonstrating the highest quality in data management.

In September, FSD became the first organisation in Finland to receive the Data Seal of Approval (DSA). DSA is granted to organisations that preserve digital research data in a reliable manner and allow its further use.

## FSD's basic services

### Data dissemination

From May 2014 onwards, users have been able to download data directly from FSD's online data service portal, Aila. Aila has substantially added to both the use of the datasets and the number of users.

In 2014, FSD received 1,068 data access applications (2013: 258) and submitted 1,403 datasets for reuse (2013: 597). Due to the changed system, the numbers are not strictly comparable with those of the previous year. With paper applications, one application could be used to order several datasets. In 2013, for example, an average

of two datasets per application were delivered. In Aila, the applications are dataset specific, but a dataset can be downloaded more than once.

In 2014, the Archive had over 650 registered users (2013: 263), in addition to which the freely available datasets were downloaded 192 times. Therefore, the number of users has tripled since the introduction of Aila.

FSD received applications for 452 different datasets (2013: 304), which is more than 40% of total archived datasets. In 2000–2014, the overall data reuse rate (individual dataset delivered for reuse at least once) was about 80%.

The most popular datasets included the following:

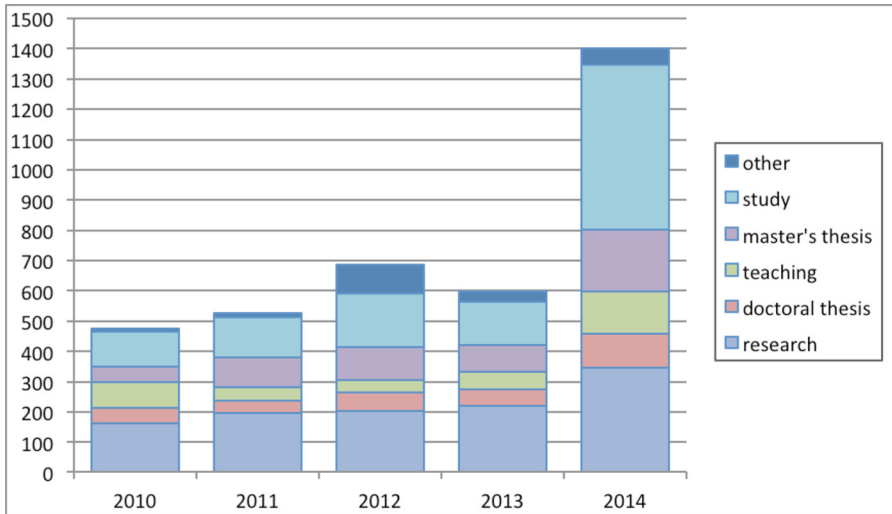
- Measures of Democracy 1810–2012 (FSD1289)
- European Social Survey 2012: Finnish data (FSD2922)
- Democratization and Power Resources 1850–2000 (FSD1216)
- Finnish National Election Study 2011 (FSD2653)
- Finnish Working Life Barometer 2013 (FSD2946)
- Finnish Youth Survey 2013 (FSD2919)
- Index of Power Resources 2007 (FSD2420)
- Public Procurement Notices 2013 (FSD2921)
- Life Stories of Adults with Cerebral Palsy 2008 (FSD2594).

Out of the delivered datasets, 25% were disseminated for research (2013: 37%), 31% (2013: 38%) for thesis work (bachelor's theses, master's theses, licentiate theses and dissertations), 41% for study and teaching purposes (2013: 19%) and 4% for other purposes (e.g. to original researcher, follow-ups or analyses). Use for research purposes saw a decline, because in 2014 a much larger proportion of downloads were for study purposes. However, in terms of total number of downloads, use for research purposes also gained popularity in comparison to year 2013. Of the datasets delivered, 15% were qualitative.

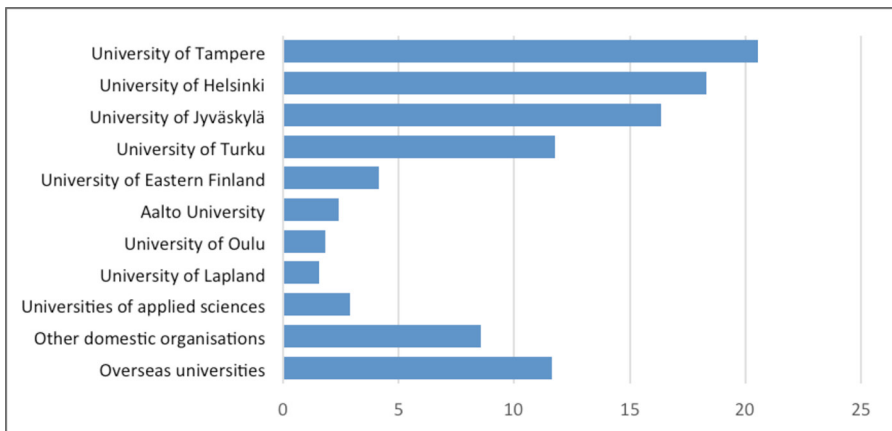
Data were delivered to a total of 82 organisations (2013: 56), of which 48 are in Finland and 34 abroad. Out of individual organisations, the largest number of data deliveries were made to the universities in Tampere and Helsinki. About 12% of the data deliveries to registered users were made abroad (2013: 21%, 2012: 12%). Deliveries based on applications in English comprised 21% of all deliveries.

The number of access applications does not directly correlate with the number of users. The datasets ordered for teaching purposes may have dozens of users under a single registration. Additionally, the exercises included in the Research Methods Web Resource (MOTV) and other open access data are not included in the statistics above. According to server logs, the number of such downloads amounted to approximately 4,500 in 2014.

FSD keeps track of the publications utilising its resources. In 2014, 208 new publications were added to the list.



**Figure 1. Number of datasets disseminated for reuse, by intended purpose, 2010–2014**



**Figure 2. Datasets submitted for reuse in 2014, by organisation, %**

## Data ingest and customer service

Data Service Portal Aila, introduced in May 2014, replaced the old paper-based system and brought FSD into the 21st century. Aila provides a convenient tool for browsing quantitative and qualitative data archived at FSD, reading data descriptions, and downloading data according to the terms of use, free of charge. The interface is available in Finnish and English. Students and staff from Finnish universities and certain research institutes can register with Aila using the user name and password issued by their own institution. Others can apply for a user name by contacting FSD User Services.

Data deposited at the Finnish Social Science Data Archive are mainly intended for research, teaching or study purposes according to the terms and conditions set by FSD and the original depositors. Here, research refers to work carried out in universities, research institutes and similar organisations to find answers to set questions through systematic data analysis and the discipline's own methods. Teaching refers to courses provided by a university, university of applied sciences or a similar organisation. Studying means studies in a university, university of applied sciences or a similar organisation, under a teacher's supervision.

Some of the datasets are available for download without registration. In 2014, five new freely available datasets were archived, bringing the total number of these datasets to thirty.

In 2014, the archiving of 72 quantitative (2013: 46) and 8 qualitative (2013: 15) datasets was completed. Most of them were processed in less than six months, although the duration of the archiving process varies somewhat due to the differences in data and the in the demand for datasets. Datasets were translated into English for foreign users on request.

**Table 1. Duration of the archiving process, datasets completed in 2014**

Duration in months	%
< 3 months	38
3–6 months	15
6–9 months	11
9–12 months	15
> 12 months	21

In October 2014, the descriptions of data archived outside FSD were removed from its data catalogue. Thus, Aila contains only the datasets that have been archived at FSD. Data and Services pages were also rearranged. The old data catalogue will be removed from use after a transition period.

The introduction of permanent identifiers was initiated in 2014.

Descriptions of Finnish datasets deposited at FSD were also made available in the national information search services, Finna and Etsin, both launched in 2014. Finna provides access to the resources and services of archives, libraries and museums, while Etsin concentrates on research data produced by Finnish universities and research institutes.

During the year, FSD's Data Management Guidelines were renewed regarding the section on informing research participants. In addition, the qualitative data management instructions were translated and added to FSD's English language site. The instructions are designed to improve researchers' data management practices and better enable archiving and reuse of research data. English translation of the filing plan (Archives Formation Plan) was prepared.

Customer service's new e-mail address and phone number were introduced in 2014. Use of a single address and number allows for faster service especially during staff holidays. All service-related inquiries are stored in a database to ensure prompt service and an optimised division of labour.



The records for 2014 show over 1,800 questions and their answers. Most inquiries concerned the contents and use of deposited data, usernames, data management and metadata, requirements for data archiving, and ethical and legal issues.

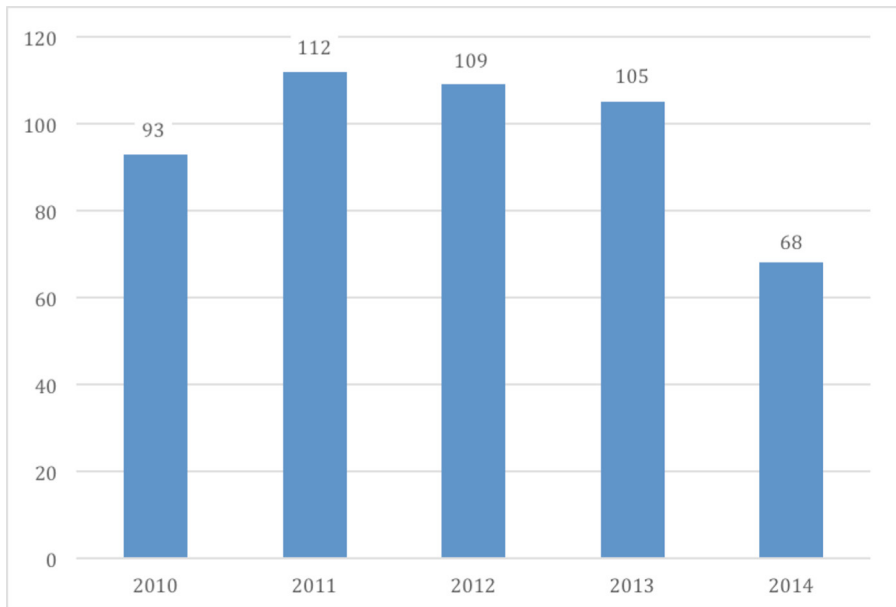
In May, FSD visited the Data Protection Ombudsman to present its practices and privacy policies.

## Datasets acquired for archiving

In 2014, a total of 68 datasets were received for archiving. The datasets were acquired following established practices.

The acquisition team searched for data and reviewed their archiving and reuse potential. Requests were made by sending a bulk e-mail to researchers. Researchers who had received funding from the Academy of Finland, the Kone Foundation or the Finnish Work Environment Fund were sent a congratulatory letter and reminded of the archiving recommendation and FSD's services. FSD staff search for potential data, for example, in research publications and the media, and enter them into an internal database. In 2014, inquiries related to data acquisition and archiving amounted to approximately 800.

Of the 68 datasets acquired during the year, 62 were quantitative and 5 qualitative. One quantitative dataset was only described without archiving. Figure 3 shows the number of acquired datasets over the past five years. The figures include deposited datasets as well as those archived elsewhere, but described in the FSD Data Catalogue. In the autumn of 2014, the latter were removed from the catalogue.



*Figure 3. Number of datasets acquired for archiving, 2010–2014*

Quantitative data from Finland form the bulk of the archived data. Qualitative data comprise a little over one tenth of all archived data.

The archived quantitative datasets include some 191,000 variables and more than 4.1 million observation units.

The long-term repository is 17.4 GB in size, including all data deposited for archiving and their descriptions (24,115 files in total).

## Technical Services and support

Data Service Portal Aila was launched on 12 May 2014. Aila is FSD's own creation and its biggest technical undertaking so far. After its launch, Aila has seen several updates to improve, among other things, its management interface for enhanced user experience. Aila is part of the FSD Upgrade (Tietoarkisto 2015) project, which also entails further development of the longitudinal data tool LoDa.

In the DASISH project, FSD played an active role in the development of the TERESA Tools E-Registry. FSD's contribution was significant and enabled the completion of the tool within the set time frame of the project.

Preparation for the introduction of the Metka metadata management tool, acquired during the VERIC project, continued with the production of initial tools with which the present base can be transferred to Metka once the new database is ready for use. In addition, Metka was tested from a technical point of view.

The development of Aila had a profound impact on the operations of Technical Services. It showed that the new Data Archive systems require greater teamwork, because the entities are too large for one person to manage. Based on the experiences gained, steps were taken to systematically develop software development activities towards modern teamwork techniques. The process is ongoing. In addition, Aila defined the software environment on which new applications are to be built. An internal project was set up to find better options for software platform's server infrastructure. Here, OpenStack-based light, private cloud proved to be the most promising solution. In autumn, the environment used in software development was moved to run on the OpenStack platform. Preparations for moving the production environment are also under way.

Maintenance and support tasks were handled as before. Expiring servers were renewed and centralised installation of workstation software was improved.

## Promotion and publicity

The Data Archive's primary means of communication is the functional, up-to-date website, through which its services are accessible to both Finnish and foreign users, regardless of time and place.

In 2014, the number of page requests remained constant at about 1.2 million. Data Service Portal Aila received a little over 90,000 requests. As before, the Research Methods Web Resource (MOTV) was the most popular section of the website, showing a slight upward trend from 2013. In 2014, FSD's Finnish language site had, on average, 3,057 visits a day and the English language site 117 visits, Aila

page requests excluded.

The online magazine *Tietoarkisto* and its English version *FSD Bulletin* were both published twice. The printed *Tietoarkisto* magazine came out in early December. Under the theme, *Toward open research data*, existing and future research data policies were presented from the viewpoint of, for example, universities, scientific publications and funders.

Twelve messages were posted on FSD's mailing list including, among others, a summary of all online bulletins.

FSD continued to use Facebook and its blog as tools for communication, and opened a Twitter account. Due to increasing use of social media, a special policy was implemented.

FSD's 15th anniversary was celebrated with present and former employees. Open house, organised prior to the anniversary dinner, included presentations on topical issues.

On 1 December, FSD organised a seminar titled "Open research data and data management in human sciences." The seminar was open to all and designed especially for library experts. The programme offered an outline of research data policies of Finnish research funders and organisations, and probed the national support infrastructures in research data management. In addition, data management objectives and existing cooperation and training needs were discussed, particularly in the framework of university libraries. Seminar presentations were videotaped and are available for viewing in Finnish at:

<http://www.fsd.uta.fi/fi/ajankohtaista/tapahtumat/>

FSD had a stand at Sociology Days and the Annual Conference of the Finnish Political Science Association. FSD was also invited to be an exhibitor at Open Knowledge Finland 2014, a seminar organised by the Prime Minister's Office to address opportunities presented by open data.

FSD's general and student brochures were renewed and two entirely new brochures published: one to assist in informing research participants and the other regarding the launch of the Data Service Portal Aila. The latter is available also in English.

## Data management training

The training provided by the Finnish Social Science Data Archive covers issues related to copyright, data protection, descriptions, data management, research ethics, and the principles and practices of open science. Training is always tailored according to the wishes of the client. In 2014, FSD held four training events at the University of Tampere and one at the University of the Arts Helsinki. In addition, the Data Archive participated in a seminar organised by the Finnish Advisory Board on Research Integrity in Helsinki on the ethics of studying minors, where it gave a presentation on data management.

## Web resources

### MOTV – Research Methods Web Resource

MOTV is an environment for teaching and learning quantitative and qualitative research methods of social and behavioural sciences. Once again, MOTV was FSD's most visited sub-site with its 13,800 weekly page requests. Of these, a little more than half were directed at KvantiMOTV (environment for quantitative research methods) and the rest at KvaliMOTV (qualitative research methods).

In 2014, the resource's SPSS section and exercises were updated to SPSS version 20. With the release of Aila, the KvantiMOTV exercise resource was modified by removing all ISSP datasets that do not contain SPSS exercises. These and many other datasets can be downloaded for teaching and study purposes via the Aila portal. At the end of the year, the MOTV list had some 230 members.

MOTV: <http://www.fsd.uta.fi/menetelmaopetus/>

### POHTIVA – Web Database of Finnish Political Party Programmes

POHTIVA resource, which contains programmes and other political texts produced by Finnish political parties was maintained, but not actively augmented in 2014. POHTIVA received approximately 700 page requests a week.

POHTIVA: <http://www.fsd.uta.fi/pohtiva/>

## Cooperation and projects in Finland

FSD's projects and cooperation in Finland seek to find means to improve the availability of research data.

In 2014, FSD had three on-going infrastructure projects funded by the Academy of Finland: FSD Upgrade, VERIC, and FSD and CESSDA. Towards the end of the year, the Academy granted funding for one more project, scheduled to start in February 2015. The VERIC project was completed.

### FSD Upgrade (Tietoarkisto 2015)

FSD strengthens and extends its services with funding received from the Academy of Finland (FIRI call 2010) for the FSD Upgrade project. The Archive's new data order and delivery system, which is the main product under the project, was introduced in May 2014. Aila, the new data service portal, provides access to datasets deposited at the Archive and allows registered users to download data of their choice. The majority of work involved in the FSD Upgrade was completed in 2014. The project is scheduled to end in July 2015.

## VERIC

VERIC, a supplementary project of FSD Upgrade, was established as a preparatory step for the Archive's CESSDA-ERIC membership. The two-year project was funded by the Academy of Finland (FIRI call 2012) and ended in December 2014.

VERIC included three separate but connected tasks: creation of a new metadatabase, metadata collaboration with Statistics Finland, and participation in the trust audit of other national CESSDA-ERIC service providers.

Following a tendering procedure, the contract for the implementation of the new Metka open source metadatabase was awarded to Priorite Group/Proactum Oy. Due to delays, Metka's introduction has been postponed. Comparison of Statistics Finland's CoSSI metadata model and FSD's DDI Codebook was published in FSD publications series in November 2014. The third sub-project with self- and peer evaluations was carried out as part of the Trust Requirements process initiated by CESSDA. Based on the results, FSD decided to apply for the DSA certificate and received it in September 2014.

## FSD and CESSDA

FSD has been a national service provider for the new CESSDA from 2013. The FSD and CESSDA project focuses on meeting CESSDA-ERIC requirements, and on developing and extending services. It is funded by the Academy of Finland (FIRI call 2013) and consists of four separate but connected tasks:

- Participation in CESSDA service provision and development of common services
- Extension of FSD's basic services to cover health sciences and humanities
- Enhancement of services supporting research data management
- Strengthening of IT resources.

In the autumn of 2014, two discipline specialists were selected to prepare the extension of FSD services to cover health sciences and humanities.

## Data cooperation

Cooperation with the Folklore Archives of the Finnish Literature Society continued. Researchers collecting and studying text responses were asked about their willingness to also deposit the data at FSD. Of the studies conducted in 2014, three will be added to FSD's repository. Folklore Archives will archive the full data and FSD will archive the texts whose authors have given their consent for archiving.

In June 2014, FSD initiated negotiations with the Kopioisto copyright society in order to obtain copyrighted research data into its collections and available for further research. The aim is to improve the archiving possibilities of data collected from different media, in particular.

## FSD Data Management Award

The FSD Data Management Award, founded in honour of its 15th anniversary, is presented to a person, research group or organisation in recognition of exemplary data management and attention given to data life-cycle when collecting, organising and archiving data. Good data management means that the research data and related descriptive information (metadata) have been created, stored and organised in a way that keeps the dataset accessible and reliable throughout its life span. The award is handed out each year on the 17<sup>th</sup> of September. The first FSD Data Management Award was presented to Dr **Michail Galanakis** along with a diploma.

Promoter of Data Archiving Award (Tietoarkistotyön edistäjä) was not presented in 2014.

## Democracy indicators

The Director of the Finnish Social Science Data Archive attended the management group and general meetings of the election research consortium, and participated in the planning and development of democracy indicators. The consortium will carry out a national election study following the 2015 parliamentary elections and use key data related to them to update democracy indicators later in the year. The Democracy Indicators web resource is part of a site maintained by FSD and funded by the Ministry of Justice.

Finnish Election Study Portal: <http://www.vaalitutkimus.fi/en/>

## NDL – National Digital Library

The National Digital Library (NDL) project aims at enhancing the accessibility and usability of digital data deposited in libraries, archives and museums, and developing a long-term preservation solution for such data.

NDL's third phase will take place in 2014–2017. FSD's Information Services Manager is a member of the NDL Steering Group, the Information Architect is a member of the Information Architecture Group, and the Information Network Specialist is a member of the group focusing on the long-term preservation of data. The Information Network Specialist will additionally continue as a member of the steering group for the archive sector's NDL cooperation network.

In mid-2014, FSD joined NDL's public interface, Finna, and its Finnish data descriptions were published there in September. Metadata will be transferred to the service using the OAI-PMH protocol. To this end, the Data Archive developed its own open metadata harvesting interface, Kuha. The interface is not restricted to Finna, but can be used by anyone to harvest metadata for their own services.

NDL project: <http://www.kdk.fi/en>

## JHS registry metadata working group

In finding, accessing and using registry data, metadata plays an essential role. The JHS recommendation, currently under construction, aims at creating a consistent metadata definition used comprehensively across public sector organisations. Not only would this facilitate using data already collected by other authorities, but also make them more readily available for research and statistical purposes. FSD's Information Services Manager and Information Architect play an active role in this work.

JHS registry metadata project (in Finnish): <http://www.jhs-suositukset.fi/web/guest/jhs/projects/rekisteritiedon-metatiedot>

## Development of national remote access system II

This two-year (2014–2015) project aims at developing Statistics Finland's researcher services, related practices and interest group work, and allowing researchers a smooth transition to the national remote access system. FSD's Information Services Manager is a member of the project steering group.

## Working group for amending SFS 5972

Open Archival Information System, OAIS, is a reference model for archives engaged in long-term preservation of digital data. OAIS is an ISO standard (ISO 14721), which was updated in 2012. The Finnish version of the standard is known as SFS 5972. Since the updated ISO standard contains some relevant changes pertaining to practical work, a special working group was established in November 2014 by SFS's Committee for Information and Documentation to renew the Finnish version. FSD's Information Services Manager is a member of the group.

## International cooperation and projects

In line with its strategy, FSD works in close cooperation with various international and national organisations in the field.

### CESSDA

The main office of the Consortium of European Social Science Data Archives (CESSDA) was opened in Bergen, Norway, in 2014. British Managing Director Paul Jackson joined the office later in the year.

The General Assembly (GA), the Board of Directors (BoD) and the Service Providers Forum (SPF) each held several meetings during the year. Most of the agenda items dealt with practical issues related to the founding of the consortium,

work plan contents and implementation, and CESSDA's participation in the Horizon 2020 research and innovation programme. The Director of FSD participated in general assemblies and service providers' forums. In early 2014, the Information Services Manager and Director of FSD took part in working groups set up to prepare CESSDA's work plan.

CESSDA expert seminar, held in Colchester in March, was organized by UK-DA under the theme *Research integrity – a digital curation problem*. Katja Moilanen, FSD's Information Architect, attended the seminar.

In 2014, CESSDA was registered as a non-profit company and will continue to be one until the Norwegian parliament approves the necessary legislative amendments for establishing a European Research Infrastructure Consortium (ERIC) type research infrastructure in the country. After this, all operations of CESSDA AS will be transferred under CESSDA-ERIC.

CESSDA: <http://www.CESSDA.net/>

## DDI Alliance

The Data Documentation Initiative (DDI) is an alliance founded for creating an international standard for microdata descriptions. FSD joined the alliance in 2003. FSD's Information Services Manager continued as a member of DDI's Board in 2014. The Board held regular video conferences and one face-to-face meeting during the annual IASSIST Conference. FSD's translator participated in DDI's working group for controlled vocabularies.

DDI: <http://www.ddialliance.org/>

## DASISH

DASISH – Data Service Infrastructure for the Social Sciences and Humanities was a 3-year project funded by the European Union. It was launched in January 2012 and ended in late 2014. DASISH brought together the five member organisations of the European data service infrastructure for the social sciences and humanities, namely CLARIN, DARIAH, CESSDA, ESS and SHARE. DASISH aimed at determining areas of synergy between the infrastructures and developing concrete forms of cooperation. The project was coordinated by the Swedish National Data Service.

FSD staff participated in the following DASISH activities:

- system architecture and quality assessment
- tools for managing multinational survey questionnaires, questionnaire translations and samples
- development of a tool registry software
- best practices in archive building
- legislation and ethical issues
- information about the results of the project.



Staff members participated in the work of their respective groups, prepared reports, and attended meetings and video conferences.

DASISH: <http://dasish.eu/>

## **DwB – Data without Boundaries**

Data without Boundaries (DwB) aims at creating a coherent framework through which researchers throughout Europe could access official data resources collected, for example, for statistical purposes. The resources would be available to researchers across borders and flexible enough to accommodate various national systems. FSD is in charge of the work package that sees to both internal and external communication as well as promotion and dissemination of project results. In addition, FSD participates in developing uniform description standards. During the year 2014, several information campaigns were organised to promote events and seminars organised by the project.

The four-year project is funded by the European Union under its Seventh Framework Programme (1 May 2011–31 April 2015).

Data without Boundaries: <http://www.dwbproject.org/>

## **Making Nordic Health Data Visible**

Making Nordic Health Data Visible is a two-year collaborative project of the Nordic data archives aiming at promoting health data in Europe. The project was initiated by data archives in Norway, Sweden, Denmark and Finland, who wish to develop common practices for metadata and reuse of health data, and build a health data portal for researchers. The project is funded by NordForsk and led by the Norwegian data archive NSD.

## **IASSIST – International Association for Social Science Information Service and Technology**

IASSIST is an international organisation of professionals working in and with information technology and data services to support research and teaching in the social sciences. Its 40<sup>th</sup> annual conference, held in Toronto in June, was hosted by Ryerson University, the University of Toronto and York University, and titled “Aligning Data and Research Infrastructure.” Most of the presentations revolved around topical issues related to research infrastructure, data management, retrievability and professionalism.

The conference was attended by eight FSD staff members. The Information Services Manager participated in CESSDA panel discussion (CESSDA Archives and Research Data Management Activities). The Senior Systems Analyst and the Information Network Specialist presented a poster on Aila and Metka (Aila and Metka – FSD’s New Tools of the Trade). The Director of FSD chaired the session

comparing various national data management policies, whereas the Information Network Specialist chaired the session on research data cooperation and network infrastructures. The Information Network Specialist was re-elected as the Vice President of the organisation and is also a member of the Web team.

IASSIST: <http://www.iassistdata.org/>

## **ICPSR – Inter-university Consortium for Political and Social Research**

ICPSR is an international social science research centre, which offers its members the world's largest digital data archive and organises methodology courses on quantitative research. Its office is located in Michigan. FSD is responsible for the national membership fee, making ICPSR services available to all Finnish universities. Finnish researchers and students are able to download data directly from the ICPSR Web service or order them through FSD.

ICPSR: <http://www.icpsr.umich.edu/>

## **IFDO – International Federation of Data Organizations for the Social Sciences**

IFDO's general meeting was held during the IASSIST Conference organised in Toronto at the beginning of June. IFDO participated in the Conference by hosting a session on research funding, the prevailing research data policies in different countries, and their impact on social sciences and humanities (*National data management policies: a cross-national comparison of their impact on data archives and institutional repositories*).

The Board, chaired by the Director of FSD, held four online meetings during the year. A report mapping international research data policies was released on the IFDO website in the spring.

## **International data cooperation**

FSD funds data collection for ISSP and is responsible for the national membership fees of certain other data infrastructures. In addition, FSD staff members contribute to, for example, data collection planning and processing of datasets for research use.

## **ISSP – International Social Survey Programme**

Finland joined ISSP, the cross-national social science comparative study programme, in 2000. Participation is organised in cooperation with three organisations: FSD, Statistics Finland and the School of Social Sciences and Humanities at the University

of Tampere. Annual national ISSP data are collected by Statistics Finland through a postal survey. In 2014, the theme was civic participation, a module now compiled for the second time.

ISSP programme's annual meeting was held in Tampere on 24–28 May 2014. The event was hosted by FSD and the University of Tampere, and was attended by some 70 researchers from all over the world.

ISSP info (in Finnish): <http://www.fsd.uta.fi/fi/aineistot/kvdata/issp.html>

## ESS – European Social Survey

ESS is a cross-national survey conducted every two years across Europe. In Finland, the surveys are funded by the Academy of Finland and carried out by Statistics Finland. FSD produces Finnish language versions of the data and disseminates them following its normal practices. The Director of the Archive is a member of the national ESS steering group, and FSD actively informs its customers of the ESS data. The data collection for ESS round 7 started in the autumn and the data is expected to be available for researchers in the autumn of 2015. This time, the rotating modules probe social inequalities in health and attitudes to immigration. The latter module was also included in the very first ESS round.

ESS surveys have some 80,000 registered users, of whom 1,700, or 2%, are from Finland. Out of the Finnish users, about 60% are students, 20% university researchers or teachers, and another 7% PhD students.

ESS info (in Finnish): <http://www.fsd.uta.fi/fi/aineistot/kvdata/ess.html>

## LIS – Luxembourg Income Study data center

*LIS – Cross-National Data Center in Luxembourg* provides researchers cross-national data on the distribution of income, labour market and wealth. Finnish datasets included in LIS are by Statistics Finland, while FSD is responsible for the Finnish membership fee. The data are available, free of charge, to registered researchers and all students from the member countries.

Prior to 2011, the survey was known as the Luxembourg Income Study, which is the reason for the abbreviation *LIS*. The old name is retained in database names.

During 2014, 28 new studies were published in the LIS series, of which 15 contained data from Finland. Of the 676 studies published so far, about half make use of Finnish data. The number of downloads by Finnish LIS users has remained more or less constant for several years. In 2014, 11 new Finnish users were added to the registry, bringing the total number to 81. Of these, 13 were active during the year.

LIS info (in Finnish): <http://www.fsd.uta.fi/aineistot/kvdata/lis.html>

## Finances

*Table 2. FSD income and expenses EUR in 2014–2013*

	Actual, 2014	Actual, 2013
Income	1,995,713	1,627,240
Staff costs	-1,187,484	-1,012,563
Other expenses and items	-420 002	-304 453
Internal items	-353 482	-333 401
Profit/deficit for the financial period	34 745	-23 177

The present table shows the unit's results for 2013 and 2014. Supplementary funding has seen a significant increase since 2010, when the Academy of Finland launched the so-called FIRI calls for research infrastructures. Financial contribution depends on the number of project-related work packages allocated for each year.

## FSD's National Advisory Board

The tasks of FSD's National Advisory Board are specified in the University of Tampere regulations. The members of the Board represent various Finnish universities and other partner organisations. In 2014, the Advisory Board met twice.

### FSD's National Advisory Board

1 January 2014–31 December 2017

<i>Member</i>	<i>Deputy Member</i>
University of Tampere Harri Melin (Chair)	Noora Ellonen
National Institute for Health and Welfare Marjut Vuorinen	Arto Vuori
Academy Of Finland Helena Vänskä	Jyrki Hakapää
National Archives Service Jaana Kilkki	Markku Mäenpää
Statistics Finland Jussi Heino	Kirsti Pohjanpää
CSC – IT Center for Science Ltd Tuija Raaska	Antti Mäki
National Library Liisa Savolainen	Jyrki Iiva
University of Helsinki Reijo Sund	Hanna Wass
University of Eastern Finland Juha Hämäläinen	
University of Jyväskylä Antti Auer	Timo Anttila
University of Oulu Terttu Kortelainen	Erkki Karvonen
University of Turku Kimmo Elo	Milla Salin
Åbo Akademi University Ann-Sofie Hermanson	Eva Österbacka
Tampere University Library Anne Lehto (Vice-Chair)	Esa Hakala
Student Union of University of Tampere Anne Lahtinen	Santeri Ulkuniemi
FSD Sami Borg	

## Staff in 2014\*

Sami Borg	Director
Helena Laaksonen	Information Officer, Deputy Director
Katri Aarnio	Secretary
Tarja Uotila	Information Services Assistant
Outi Törnblom	Project Coordinator (1 April 2014–31 Dec. 2015)

### *User Services and Data Ingest*

Mari Kleemola	Information Services Manager
Arja Kuula	Development Manager
Antti Ketola	Research Officer (1 June–31 Dec. 2014)
Seppo Antikainen	Research Officer
Hannele Keckman-Koivuniemi	Information Services Specialist
Taina Jääskeläinen	Translator
Katja Moilanen	Information Specialist (18 Feb. 2013–30 April 2014) and Information Architect (1 May 2014–)
Jarkko Päivärinta	Information Services Specialist
Juha Ranta	Research Officer (1 May 2014–31 Dec. 2015)

### *Technical Services*

Matti Heinonen	Senior Systems Analyst
Sami Granstedt	Software Developer (14 April 2014–)
Jani Hautamäki	Systems Analyst
Antti Niskanen	Systems Analyst (12 Sept.–31 Dec. 2014)
Ari Paloposki	Systems Specialist
Toni Sissala	Systems Analyst
Sirkka Säynäjäkangas	Senior Systems Analyst
Tuomas J. Alaterä	Information Network Specialist

### *Conscientious Objectors* (Technical Services)

Antti Niskanen	Conscientious Objector (–11 Sept. 2014)
Arttu Ylä-Outinen	Conscientious Objector (3 Feb.–26 Sept. 2014)

\* Summer interns and hourly workers excluded

## Publications by FSD staff outside its own series, 2014

Borg, Sami (2014): "Terveisiä tiekarttureille". Blog post in Academy of Finland's Apropos online journal, 9 January 2014.

Borg, Sami (2014): "Aineistonhallintasuunnitelmat täsmällisemmiksi". Blog post in Academy of Finland's Apropos online journal, 10 June 2014.

Borg, Sami (2014): "Yliopiston tutkimusdatapolitiikka". Blog post at openscience.fi, website of the Open Science and Research initiative, 27 August 2014.

Borg, Sami (2014): "Eduskuntavaalit ja vaalijärjestelmä". In *Tapio Raunio & Matti Wiberg (ed.): Eduskunta. Kansanvaltaa puolueiden ja hallituksen ehdoilla*. Helsinki: Gaudeamus, p. 39–50.



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