ČSDA Czech Social Science Data Archive
Institute of Sociology of the Czech Academy of Sciences
Jiřská 1, 110 00 Praha 1, Czech Republic; http://archiv.soc.cas.cz

1st Workshop on Digital Humanities 2015
24/09/2015, Charles University in Prague

Social Science Data Services: ČSDA & CESSDA

Jindřich Krejčí
jindrich.krejci@soc.cas.cz

Czech Social Science Data Archive - mission

National resource centre for social science research

- Social science data archivation and preservation
- Access to data for purposes of academic research and higher education (open access, on-line: http://archiv.soc.cas.cz, free of charge)
- Support for large-scale survey research projects (International Social Survey Programme, Czech Household Panel Survey...)
- Linking different sources of data on Czech society
- General promotion of secondary data analysis (on-line guidelines & teaching materials; seminars, teaching courses; participating in teaching programmes at universities, publishing overviews and methodological studies)
- Research on data and related methodology
- Integrating Czech research into networks of transnational data access; CESSDA Service Provider in the Czech Rep.
Users (access to data)

- Targeted to all social science disciplines
- Data from sociology, political science, demography, social geography, social psychology, economics, pedagogy, and law sc.
- Relevant also to history, health and the behavioral sciences

In 2014:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic research</td>
<td>15%</td>
</tr>
<tr>
<td>Research for public sector or state</td>
<td>2%</td>
</tr>
<tr>
<td>Teaching</td>
<td>7%</td>
</tr>
<tr>
<td>Other</td>
<td>11%</td>
</tr>
<tr>
<td>Student works</td>
<td>65%</td>
</tr>
</tbody>
</table>

- Total No. of Nesstar users: 9337
- Registered users: 1909
- No. of institutions with reg. users: 212
Institutional background

- Institute of Sociology of the Czech Academy of Science
  - archive established in 1998 (Sociological Data Archive)
  - IS Research Programme; projects (GAČR, GAAV, MŠMT-INGO, EU-FP7)

- Large scale research infrastructure in CZ (supported by MŠMT)

- CESSDA pan-European distributed research infrastructure
  - since 2001 member of CESSDA network
  - CESSDA on the ESFRI Roadmap (2006, 2008)
  - CESSDA integrated research infrastructure since 2013;
    ČSDA = CESSDA Service Organisation
  - projects in Horizon 2020

---

Consortium of European Social Science Data Archives

- 1974-2013 network
- since 2013 large-scale distributed research infrastructure; ESFRI
- integrated data services based on co-operation of national providers
- one-stop-shop for European data, standards, data harmonisation, data quality, development of tools, professional best practices...
- legal entity (ERIC-like; countries)
- 13 full members, 1 observer + partners
- Main Office in Norway; Service Providers in member countries
**CESSDA Service Providers**

- Provider of national data services (on-line)
- Commitment from the Ministry
- Permanent, fully funded
- Compliance to CESSDA policies and standards (data access policy, metadata standards, trusted repository, technical requirements, support to immature service providers)
- Contribution to CESSDA services (data catalogue, data harmonisation, question bank, training programme, etc.)
- Local provider of CESSDA services
- Share data archiving tools

---

**Data archivation in social sciences**

- Roper Center (USA 1957), Zentralarchiv für Empirische Sozialforschung (DE 1960, GESIS), Inter-university Consortium for Political and Social Research (USA 1962), Steinmetz Archive (NL 1964)...

- (1) digital preservation, (2) facilitation of research data re-use
  - long-term preservation (persistence of information vs. IT development -> process, functional analysis)
  - data life cycle -> virtual digital data (vs. digital material)
  - legal aspects of property and responsibility, personal data protection...
  - data acquisition (legal, ethical, technical aspects)
  - metadata development (precondition for secondary use, standards)
  - access and dissemination (cataloguing, documentation, access control, tools for analysis and visualization...)
  - comparability (in time, across nations/cultures - data harmonisation, standardisation)
  - support for secondary data usage, monitoring
  - development of data sharing culture
Data Sharing - Open Access - Open Data

- OECD / EU / governmental / funding bodies policies applied to research data from public funding for the purposes of developing publicly accessible scientific research and knowledge.

"Openness means access on equal terms for the international research community at the lowest possible cost, preferably at no more than the marginal cost of dissemination. Open access to research data from public funding should be easy, timely, user-friendly and preferably Internet-based."


Impact

- Efficiency of investments into research; efficiency in research
- Multiple data sources in one research
- Facilitating of comparative research
- Sources of knowledge for preparation of new projects:
  - replicating, verifying of research instruments/procedures,
  - inspiration
- Real research data available for teaching and students works
- Verifiability of results and the transparency of scientific research
- Background for international collaboration
- On-line, publicly accessible: democratic distribution of conditions
- Wide availability of data, possibility to combine multiple data sources -> methods & organisation of work in social sciences
Data a výzkum - SDA info

http://dav.soc.cas.cz

peer-reviewed scholarly journal / advanced methods of data analysis, survey methodology, data resources, research infrastructure, information technologies

Czech language, on/line/paper - twice a year

Free full-text download: http://www.soc.cas.cz/TDA/

ČSDA
http://archiv.soc.cas.cz

ČSDA

Data a výzkum - SDA info

http://dav.soc.cas.cz

peer-reviewed scholarly journal / advanced methods of data analysis, survey methodology, data resources, research infrastructure, information technologies

Czech language, on/line/paper - twice a year

Free full-text download: http://www.soc.cas.cz/TDA/

ČSDA
http://archiv.soc.cas.cz

ČSDA

Data a výzkum - SDA info

http://dav.soc.cas.cz

peer-reviewed scholarly journal / advanced methods of data analysis, survey methodology, data resources, research infrastructure, information technologies

Czech language, on/line/paper - twice a year

Free full-text download: http://www.soc.cas.cz/TDA/

ČSDA
http://archiv.soc.cas.cz

ČSDA