Social Science Data Archive in Taiwan

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CSR Organization Structure

Executive Director

Executive Secretary

Administrative Section

Researchers
- Supervising Survey Projects
- Research on Specific Topics
- Survey Methodology
- Social Science
- Public Health

Survey Division
- Sampling Design & Execution
- Personal Interviewer Management & Development
- CATI System Management & Development

Data Division
- Archive Maintenance & Development
- Data Management
- Users’ Service

IT Division
- Survey Application Software Development & Maintenance
- Administrative Management & Development
- Computers, Network & Media Hardware Maintenance
Missions of Data Division

- To archive survey data
- To provide open and equitable access to survey data archives
- To promote the statistical methods relating to the analysis of survey data
- To facilitate international cooperation
Survey Research Data Archive (SRDA)

Founded in 1994
http://srda.sinica.edu.tw/
Data Archive

- Longitudinal Data
  - Panel data
  - Quasi-longitudinal data

- Cross sectional Data
  - Census data
  - Survey data
Longitudinal Data

- Panel Study of Family Dynamics (PSFD) (1999 – 2006), 19 datasets
- Taiwan Education Panel Survey (TEPS) (2000-2007), 71 datasets
- Taiwan Quasi Longitudinal Data Archive
  - Human Resources Quasi-longitudinal Data (HRQLD) (1980-2007), 311 datasets
  - Manpower Utilization Quasi-longitudinal Data (MUQLD) (1980-2007), 54 datasets
Cross Sectional Data – Census

- Population and Housing Census
  (1980~2000, conducted every 10yr )
- Agriculture, Forestry and Husbandry Census
  (1980~2000, conducted every 10yr )
- Industry, Commerce and Service Census
  (1976~2001, conducted every 5yr )

Exclusively accessible to A.S. Researchers
Survey Data – Cross Sectional Time Series

- 22 Datasets from Ministry of Interior (1991~2001)
  - Living Conditions of Citizens Survey
  - Senior Citizen Condition Survey
  - Living Requirements of Physically and Mentally Disabled Citizens Survey
  - Women’s Living Conditions Survey
  - Activities of all Levels of Trade Groups and Social Groups Survey
  - The General Conditions of Social Welfare Organizations Survey
Survey Data – Cross Sectional Time Series

- 545 datasets from DGBAS* (1976~2007)
  - Human Resource Survey (Labor Force Survey) (347 datasets)
  - Manpower Supplementary Survey (104 datasets)
    - Manpower Utilization Survey
    - Women’s Marriage, Fertility and Employment Survey
    - Internal Migration Survey
  - Other Sampling Survey (94 datasets)
    - Family Incomes and Expenditures Survey
    - Employees' Earnings Survey
    - Employees' Movement Survey
    - Employment Status Survey
    - Social Development Trends Survey

*DGBAS: the Directorate-General of Budget, Accounting and Statistics
Survey Data – Cross Sectional Time Series

- Taiwan Social Image Survey (TSIS)
  - Face to face interview (1990 – 1994), 17 datasets
  - Telephone interview (1999-2006), 17 datasets
- Taiwan Social Change Survey (TSCS)
  - (1984 - 2006), 37 datasets
- Taiwan's Election and Democratization Study (TEDS)
  - (1977 – 2005), 61 datasets
- Nutrition and Health Survey in Taiwan (NHSIT)
  - (1993 - 1996), 8 datasets
- Knowledge, Attitude, and Practice of Contraception in Taiwan (KAP)
  - (1965-1986), 6 datasets
Survey Data: Cross Sectional

- Data from Research Programs Sponsored by the National Science Council (NSC)
  - The NSC has a policy that all NSC-sponsored survey research programs are required to deposit a copy of survey data to the CSR when the program is finished.
  - The CSR serves as a distribution center for the NSC-sponsored survey data archives
  - The number of datasets is 633 since 1987
Sampling Files

- Respondents’ personal information
- Fieldwork records
- Restricted use of the data
Volume of Datasets

Number of Datasets

Note that Government data include the DGBAS and MOI survey datasets.
Volume of Datasets

Size of Datasets (GB)

Note: Size of Datasets by sources: 13GB for Government Census, 27 GB for Government Surveys: 27 GB, and 7GB for Academic Surveys
Academic Survey Data by Discipline

Note:
(1) “Others” includes criminology, law, library and information science, communication, and physical education.

(2) Census and government survey datasets are not included.
Promotion for Data Usage

☐ To ensure confidentiality
  ■ Delete all confidential information which may identify the respondents when prepare data to be released.
  ■ Set different Use Policy and data versions according to the confidentiality levels of the data.
  ■ Ensure no access to raw data for the public.
Promotion for Data Usage

- To enhance usability
  - Examine the completeness of the files
  - Standardize the format of all documents
  - Supply check reports regarding the level of processing and errors found in the data.
Promotion for Data Usage

- On-site Data Laboratory
  - Taiwan Education Panel Survey (TEPS)
  - Have to submit a proposal for review and sign a confidential disclosure agreement.
  - Equip a room with tailored monitoring facilities for members using on-site data.
Promotion for Data Usage: Workshop

- Data Processing and Archiving Workshops (annual)
- Panel data Workshop—the Application to PSFD, TEPS
- Survey Research Workshop
  - Categorical Data Analysis
  - Sampling Techniques
  - Event history Data Analysis
  - Questionnaire Design
Publications

- SRDA Newsletter (Quarterly)
- SRDA E-digest (Biweekly)
- Taiwan Genomic Survey E-digest (Monthly)
Membership

- Application

http://srda.sinica.edu.tw
SRDA Website

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SRDA Website

- Materials Available for SRDA Members
  - Raw Data (ASCII, SPSS, SAS or Stata format)
  - Questionnaires (msword/pdf)
  - Codebooks (msword/pdf)
  - Statistical Software Programs (SAS/SPSS/STATA)
  - Survey Reports (msword/pdf)
International Collaboration

- International Social Survey Program (ISSP)
- World Value Survey
- East Asia Social Survey
Goals and Prospects

- To create value-added data resources through enriched data context as well as advanced data processing techniques
- To develop Data Laboratory with more fields and types of data may have restrictions on access
- To integrate advanced statistical methods and survey research with state-of-the-art ICT techniques, GIS, GPS, mobile devices, etc., with an aim to promote survey and data processing efficiency
- To establish Qualitative data archive
- To become an outstanding center for survey research and social sciences data archive in the world
Thank you for your attention