

# Introduction to the **S**urvey **R**esearch **D**ata **A**rchive in Taiwan

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# Outline

1. Introduction

2. Major Activities

3. Advanced Activities

4. Challenges

# **Introduction**

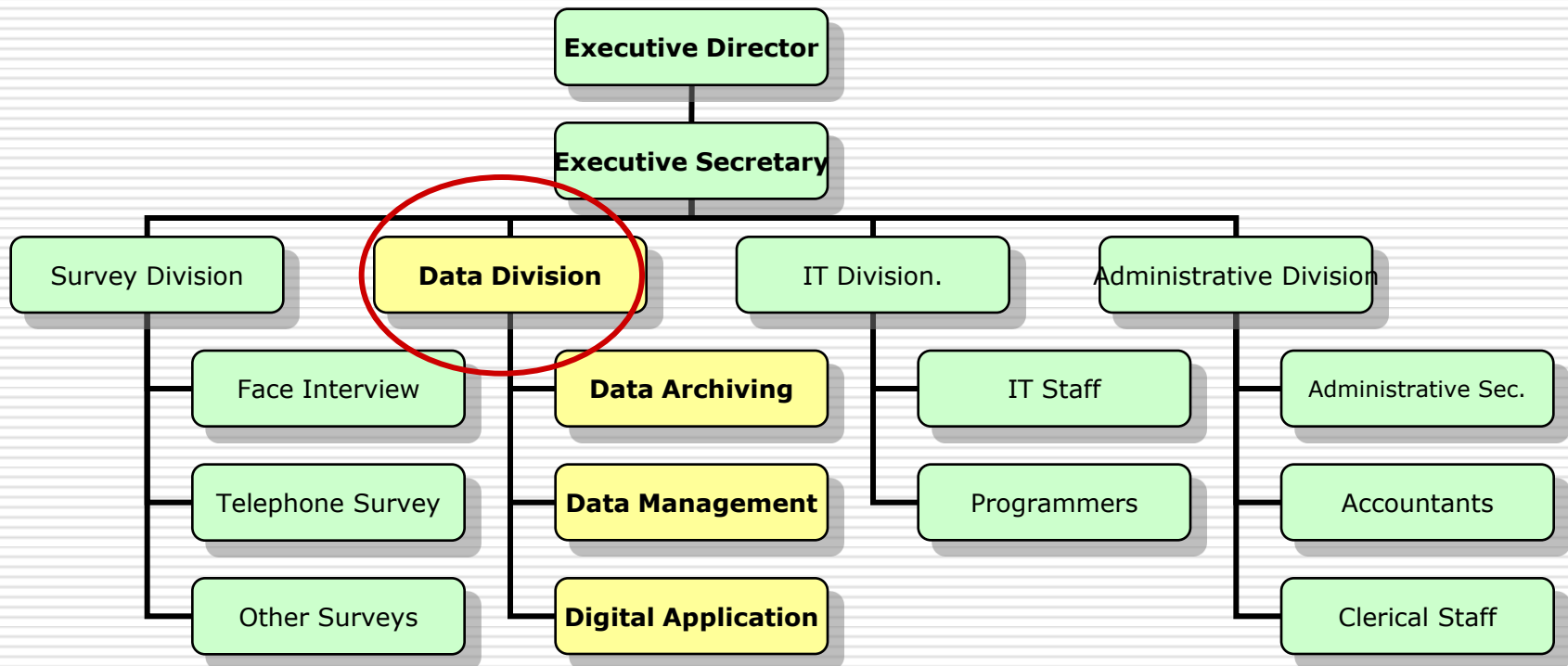
# Introduction to SRDA

## Survey Research Data Archive (SRDA)

- Founded in 1994, by Center for Survey Research, Academia Sinica
- Acquires, develops, preserves, and disseminates important survey data in Taiwan
- Has the largest collection of survey datasets in Taiwan, and has become a leading archive in Asia

# On Center for Survey Research

## Organization Chart for Center for Survey Research



# **Major Activities**

# Data Acquisition

## Sources of data collected

- Joint research projects conducted by CSR
- Survey projects funded by the National Science Council
- Authorization by government organization
- Donations from scholars or research institutes

# Data Contents

## By themes of survey

- ⌞ Social change, nutrition and health, education, election and democratization
- ⌞ Labor force, family income, earnings and productivity

## By types of survey

- ⌞ Cross-sectional, panel, quasi-longitudinal

## By observation unit

- ⌞ Individual, household, firm, school, town or village (tsun, li)

## By routes of access

- ⌞ Public use data, restricted data, on-site data



# Data Access

## • Membership

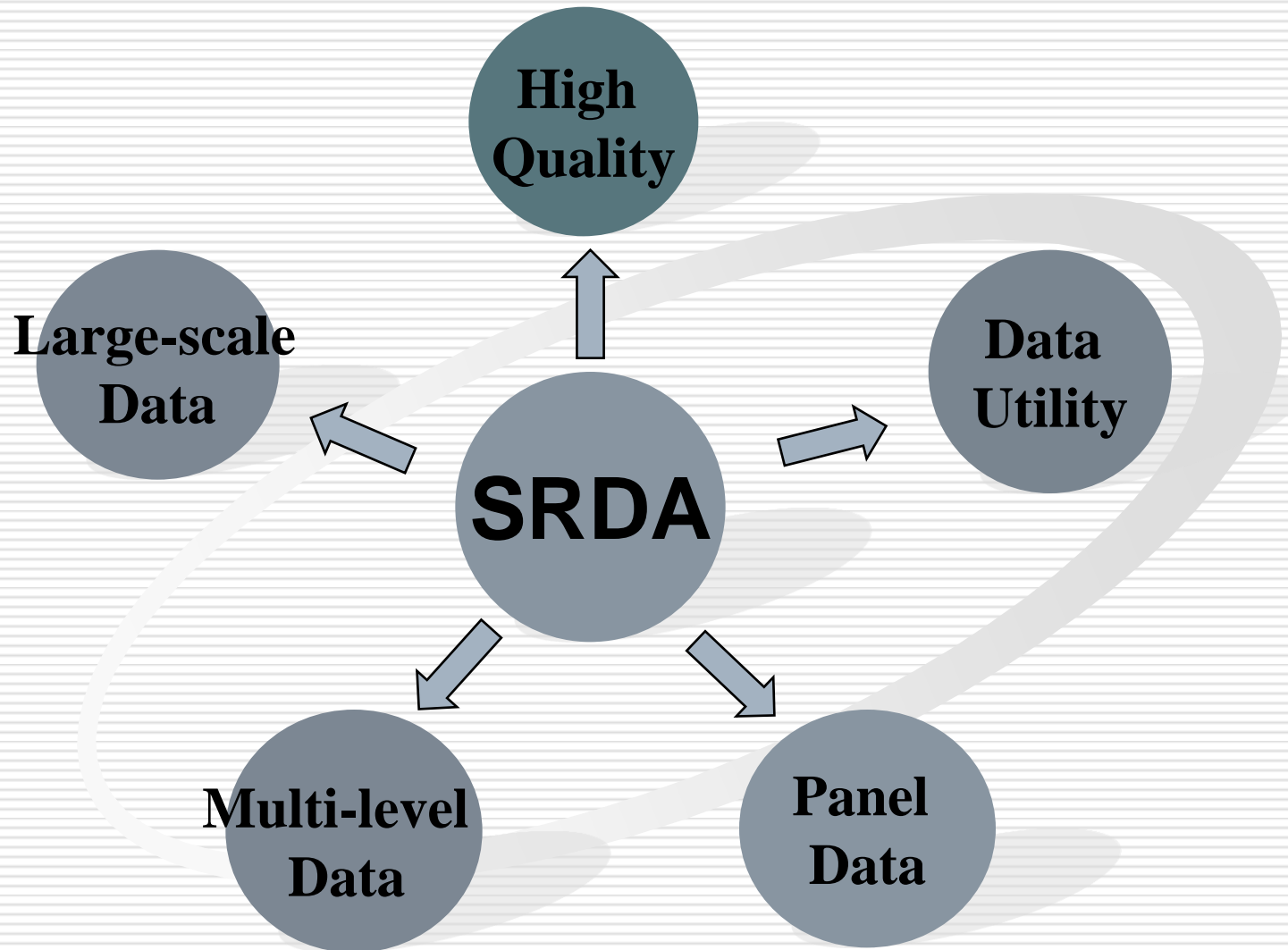
- Qualified applicants include academic researchers, school faculty members, researchers from government organizations, people who have donated data to the SRDA, and graduate/undergraduate students
- Free membership

# Data Preparation

## Procedures prior to data release

- Define standards for data content, form, metadata, quality
- Clean data
- Document data history
- Create data files with different formats (SAS, SPSS, STATA)
- Create / maintain metadata

# Main Task of SRDA



**2008**

**Academic (Public)**

876 datasets  
7.82 GB  
2,039 download

**Government (Survey)**

966 datasets  
34.13 GB  
145 applicants

**Government (Census)**

25 datasets  
13.82 GB

**Academic (Restricted)**

64 datasets  
0.88 GB  
55 uses

**Commercial Databanks**

9 datasets  
3.37 GB

**Academic (on-site)**

3 datasets  
0.79 GB  
66 uses

**More than 1,570 members,  
including 23 foreign scholars**

# 學術調查研究資料庫

# SRDA

Survey Research Data Archive

New Release  
E-digest Subscription

Login/Logout  
Suggestion

Download Record  
Survey Division

Chinese  
CSR

>> SRDA

>> Members

>> Search

Large-scale  
Surveys

>> Government  
Surveys

Opinion Poll

>> Communication

>> Links

Issue Introduction

Sites Map

中央研究院調查研究專題中心





## 學術調查研究資料庫

Wellcome  
Any ques

Mon-Fri: 8:  
Tel: 886-2-

### New Release

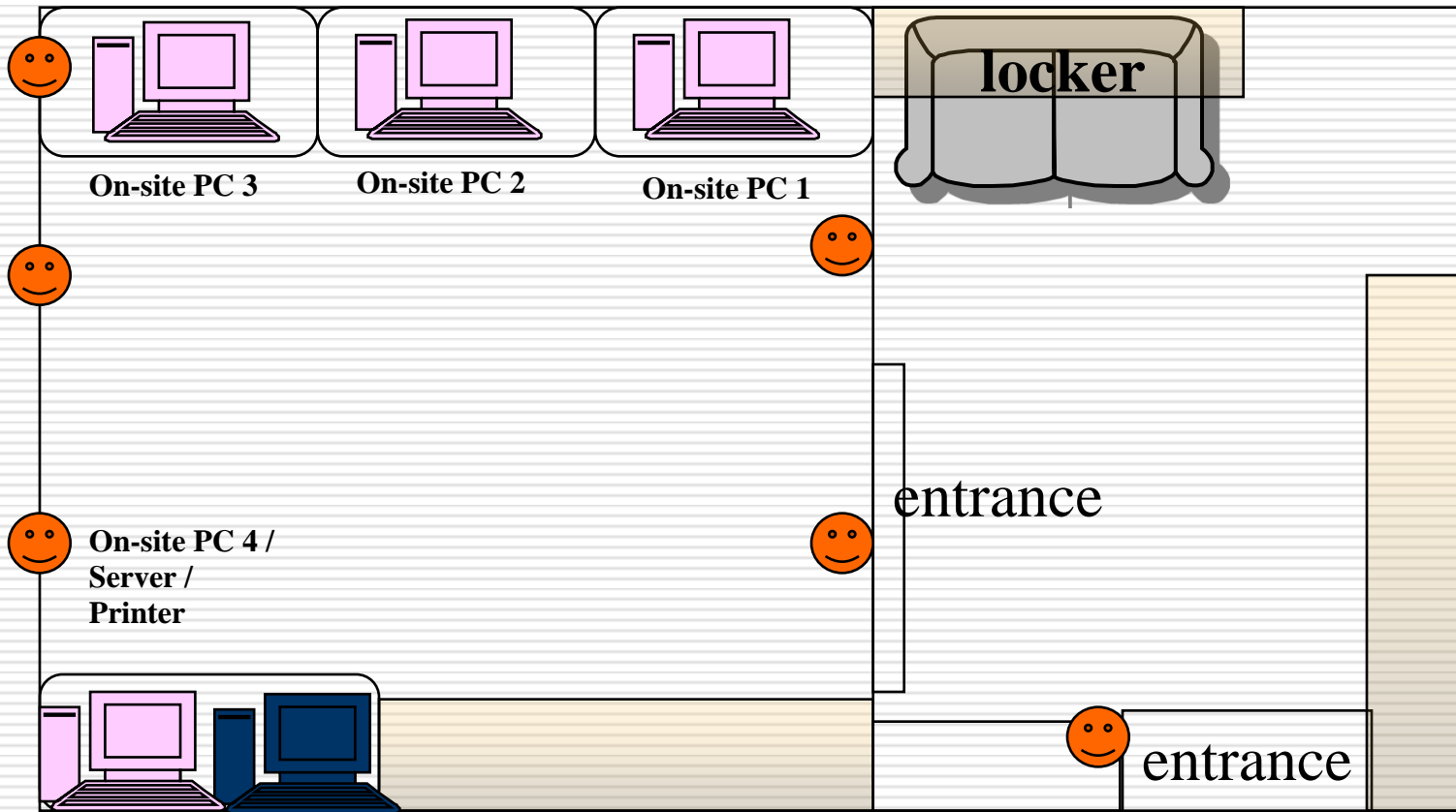
Date	
2009/03/23	<a href="#">more</a>

Questionnaire		Members Only <a href="#">Member Login</a> <a href="#">Member Register</a>
Research Report		
Frequency Tables		
Add to Download Record	C00011.exe 	

Raw data (SPSS, STATA, SAS), codebooks, statistical software programs, user's guide

# On-site Data Laboratory

## Server Structure



# **Advanced Activities**

# Advanced Activities of SRDA



To append or merge panel data



To create quasi-longitudinal data from cross-sectional surveys



To provide different kinds of search tool on the SRDA website



## ● Search tools on the SRDA website

The screenshot shows the SRDA website's Advanced Search page. At the top, the title '學術調查研究資料庫' (Academic Survey Research Database) is displayed in Chinese characters. Below it, the main heading 'Advanced Search' is prominently featured in blue. A navigation bar contains several links: 'Browse by Subject Area', 'Quick Search', 'Advanced Search', 'Full-text Search', 'SRDA Archival Number Search', and 'Search Instruction'. The search interface itself is titled 'Advanced Search' and prompts the user to 'Type one or more terms then click Search'. It features four search rows. Each row starts with a 'Terms:' label and a text input field. The first three rows are connected by 'AND' dropdown menus. The fourth row is connected by an 'AND' dropdown menu and includes a 'Any' dropdown menu. To the right of each input field is an 'In' label, a dropdown menu for the search field (all set to 'Project Title' for the first three rows and 'Subject Area' for the last), and a 'Field' label. At the bottom of the search area are 'Search' and 'Clear' buttons. The page is framed by a blue border, and a red arrow points to the bottom left corner.

學術調查研究資料庫

# Advanced Search

[Browse by Subject Area](#) | [Quick Search](#) | [Advanced Search](#) | [Full-text Search](#) | [SRDA Archival Number Search](#) | [Search Instruction](#)

Advanced Search

Type one or more terms then click **Search**

Terms :  In  Field

AND  In  Field

AND  In  Field

AND  In  Field

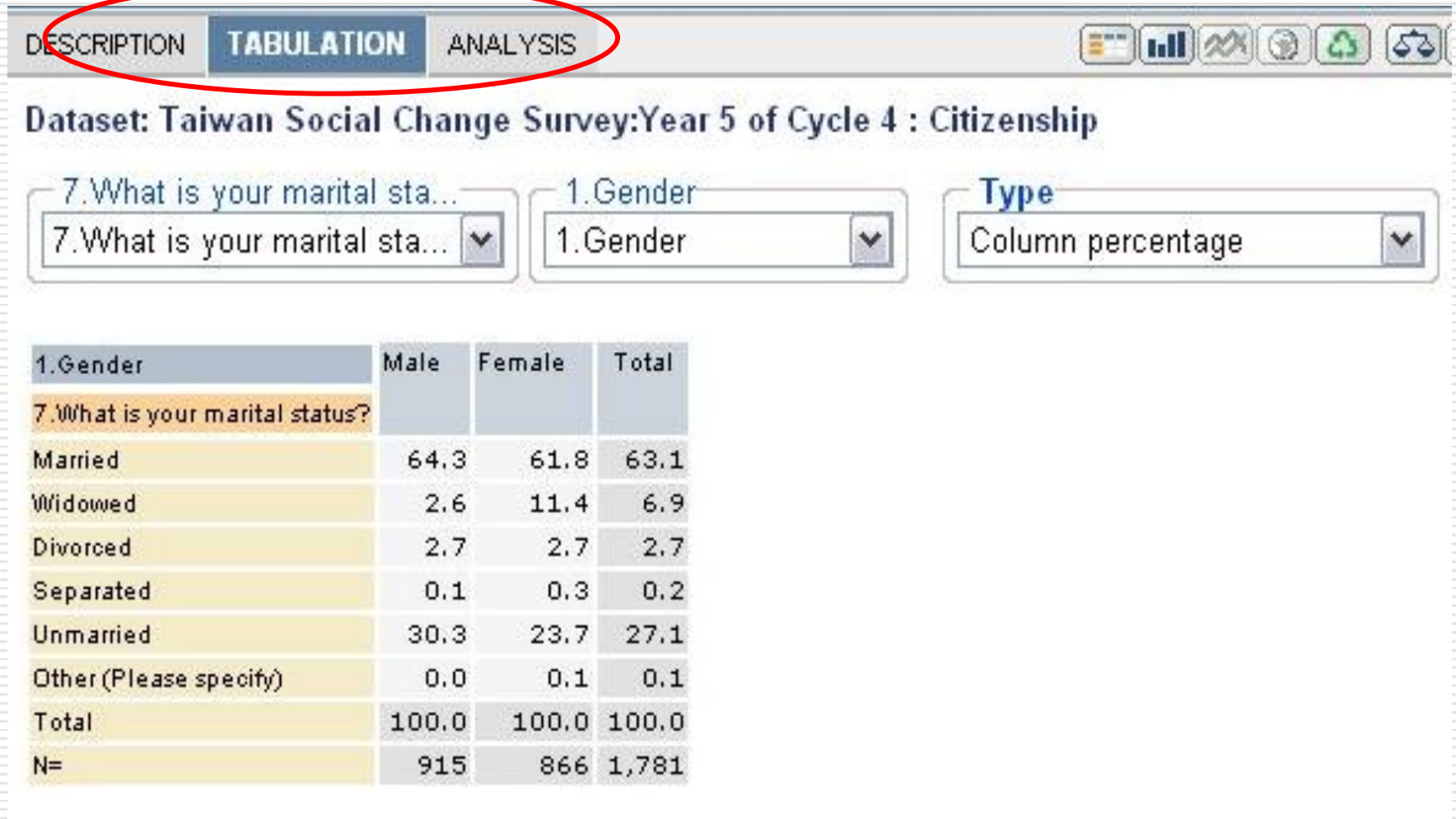
# ❁ Nesstar (Interactive data exploration online) - A powerful search tool

The screenshot shows the Nesstar search interface. At the top, there is a search criteria section with a dropdown menu set to "Study Description" and a "contains" operator. Below this are "More" and "Less" buttons. The "Return what?" section has three radio buttons: "Search for datasets" (selected), "Search for variables", and "Search for tables". The "Search where?" section has two checked checkboxes: "中文 Chinese" and "English". A "Search" button is located to the right of the "Return what?" section. At the bottom, a list of search results is visible, including "Variable Name", "Question Text", "Variable Label", "Variable Concept", and "Category Label".

Annotations in red include:

- A red circle around the "Search for datasets" radio button.
- A red circle around the "中文 Chinese" and "English" checkboxes.
- A red circle around the list of search results at the bottom.
- The word "find" written in red on the left side.
- The text "2 datasets" written in red on the right side.

## • Nesstar - Provide on-line analysis



The screenshot shows the Nesstar online analysis interface. At the top, there are three tabs: "DESCRIPTION", "TABULATION", and "ANALYSIS". The "TABULATION" tab is selected and highlighted with a red oval. To the right of the tabs are several icons for different analysis types: a list, a bar chart, a line graph, a globe, a recycling symbol, and a balance scale.

Below the tabs, the dataset is identified as "Dataset: Taiwan Social Change Survey:Year 5 of Cycle 4 : Citizenship".

There are three dropdown menus for configuration:

- The first dropdown is labeled "7.What is your marital sta..." and is set to "7.What is your marital sta...".
- The second dropdown is labeled "1.Gender" and is set to "1.Gender".
- The third dropdown is labeled "Type" and is set to "Column percentage".

The main display area shows a table with the following data:

1.Gender	Male	Female	Total
7.What is your marital status?			
Married	64.3	61.8	63.1
Widowed	2.6	11.4	6.9
Divorced	2.7	2.7	2.7
Separated	0.1	0.3	0.2
Unmarried	30.3	23.7	27.1
Other (Please specify)	0.0	0.1	0.1
Total	100.0	100.0	100.0
N=	915	866	1,781

# Other advanced Activities

(In Response to Users' Voice)



Provide customized data



Disseminate information about available data



Render workshop and training courses

# Promotion Activities

## Workshops

- Data processing and archiving
- Confidential data access
- Panel data
- Categorical data analysis
- Sampling techniques
- Event history data analysis
- Questionnaire design

## Publications

- Journal of Survey Research (biannually)
- SRDA Newsletter (quarterly)
- SRDA E-digest (biweekly)

# Challenges

# Challenges



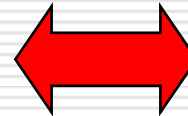
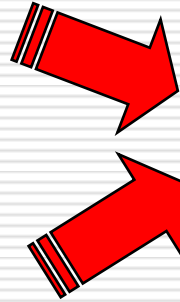
Academic



SRDA



Users



Government



## **Stricter regulation**

Computer-Processed Personal Data Protection Law



## **Data linkage**

Lack of policy or guidelines on how to manage privacy issues when linking data



## **Unequal access**

Remote access / execution



## **International collaboration**

Technology and information sharing

Data sharing



**Thank you!**

A decorative green flourish consisting of two curved lines that meet at the ends, with two small black dots positioned on the lower curve.