



Developing Statistical Infrastructure in Other Countries: The Statistics Canada Experience

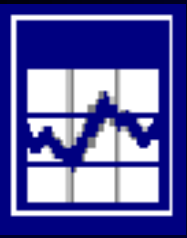
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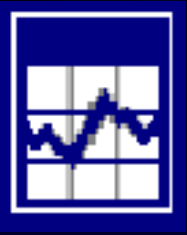
Statistics Canada

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Outline

- ◆ What is statistical infrastructure?
- ◆ Why is it important?
- ◆ Why Statistics Canada?
- ◆ Who else is doing this?
- ◆ Methodologies and approaches
- ◆ Nature of the projects
- ◆ Country projects
- ◆ Conclusion

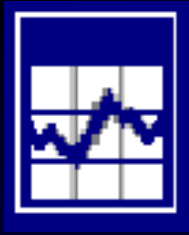


Statistical Infrastructure

Tools and knowledge to produce reliable official statistics.

Examples

- ◆ Census taking
- ◆ Household and business surveys
- ◆ Population estimates and projections
- ◆ National accounts - suite of statistics
- ◆ Price measurement
- ◆ Financial and project management
- ◆ Data and metadata infrastructure



Why is Statistical Infrastructure Important?

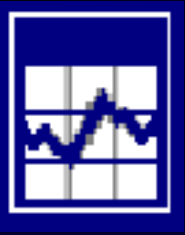
- ◆ Part of a broader context
 - ❖ emergence of the global society
 - ❖ development of democratic institutions
 - ❖ relations between the citizen and the state
 - ❖ public sector management
 - ❖ public finances

- ◆ Contributes to regional and world statistical profiles (comparability)



Why is Statistical Infrastructure important?

- ◆ Important for international development and cooperation
 - ❖ impact of the Asian and other currency crises
 - ❖ impacts on international financial institutions and investors
 - ❖ capital availability and interest rates
 - ❖ role of International Monetary Fund



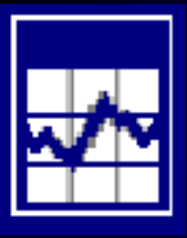
Why Statistics Canada?

International financial institutions are pushing for quarterly national accounts data.

This implies the need for:

- ◆ a strong national accounts framework and methodology
- ◆ a system of feeder surveys and censuses
- ◆ development of infrastructure to support these

Canada has a strong international reputation in these areas.

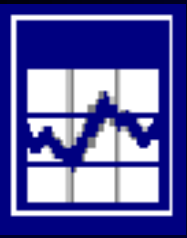


Statistical Agencies Are Not Alone

Examples of other Canadian groups involved in country projects.

- ◆ Agriculture Canada
- ◆ Bank of Canada
- ◆ Canadian Human Rights Commission
- ◆ Canadian International Development Agency
- ◆ Environment Canada
- ◆ Human Resources Development Canada
- ◆ Natural Resources Canada
- ◆ Royal Canadian Mounted Police

Provincial governments as well.



Methodologies and Approaches

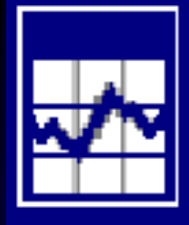
- ◆ Project missions abroad
- ◆ Study tours at Statistics Canada
- ◆ Training provided abroad or in Canada
- ◆ Provision of equipment and software

Projects vary according to need.

May involve a combination of activities.

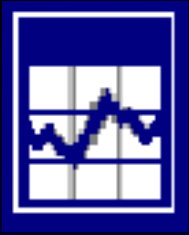
Financed by:

- the country
- CIDA
- World Bank



Partial List of Countries Where Canada Has Been Active

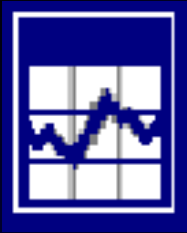
- ◆ Brazil
- ◆ Columbia
- ◆ Cuba
- ◆ Czech Republic
- ◆ Egypt
- ◆ Estonia
- ◆ Georgia
- ◆ Guatemala
- ◆ Hungary
- ◆ Indonesia
- ◆ Jamaica
- ◆ Kenya
- ◆ Latvia Republic
- ◆ Liberia
- ◆ Lithuania
- ◆ Malaysia
- ◆ Morocco
- ◆ Pakistan
- ◆ People's Republic of China
- ◆ Philippines
- ◆ Poland
- ◆ Senegal
- ◆ Saudi Arabia
- ◆ Uganda
- ◆ Ukraine



Countries and Projects

China

- ◆ Five year project to redevelop statistical system
- ◆ Measurement issues associated with emerging market economy
- ◆ National Accounts Project
 - ❖ measurement of fixed assets and depreciation
 - ❖ measurement of real estate industry
- ◆ Household surveys
- ◆ Data bank, metadata
- ◆ Survey skills development course



Countries and Projects

Hungarian Central Statistical Office

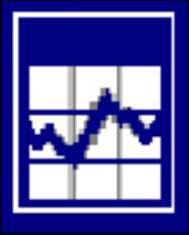
- ◆ Training and development
 - ❖ general
 - ❖ interviewer selection and training
- ◆ National accounts
 - ❖ household consumption
 - ❖ capital stock and depreciation
- ◆ Information society
 - ❖ measuring production and use
 - ❖ analysing social and economic impact



Countries and Projects

Eritrea

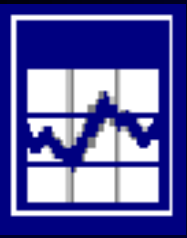
- ◆ Three-year program
- ◆ Census of population and housing
- ◆ Questionnaire has been field tested
- ◆ Temporarily suspended



Countries and Projects

Cuba (mainly training programs)

- ◆ Time series operations
- ◆ Seasonal adjustment
- ◆ Household surveys
- ◆ Quarterly GDP
- ◆ Consumer Price Indexes
- ◆ Employment and Invisible underemployment
- ◆ GIS



Conclusions

- ◆ Better information leads to better governance
- ◆ International cooperation leads to improved political climate
- ◆ Technical assistance projects are good for staff development