

Best International Practices Translated into Local Context

INEGI

Mexico

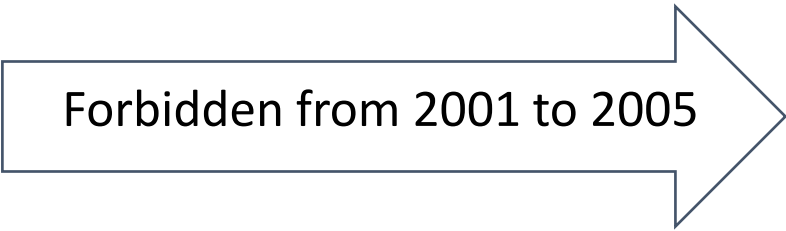
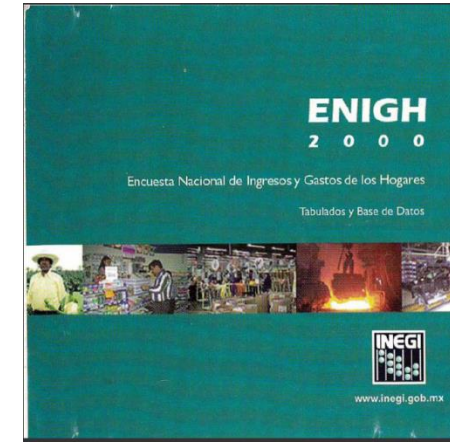
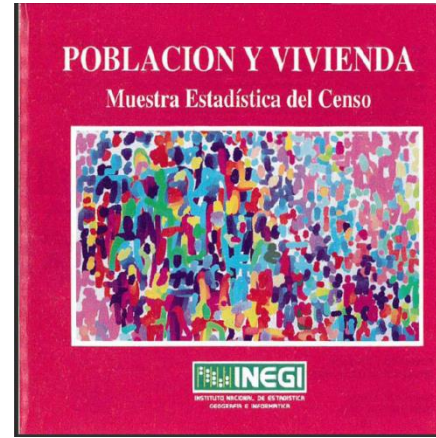


**INSTITUTO NACIONAL
DE ESTADÍSTICA Y GEOGRAFÍA**

Background

Access to microdata to household and population statistical projects through products using external memory devices with cost. Geographic location at municipal level.

1990



Sciencimetrics evidence of reduction academic production

Access to microdata of projects in establishments and agricultural units with remote processing

Ad - hoc

New Statistical Law

- April 2008 - Ley del Sistema Nacional de información estadística y Geográfica
- Article 100

“Following best international practices the Institute will provide access to microdata...”

Silence of law provides wide spectrum of action

- October 2008 one of the first agreements of the Board of governors – conditions of how to provide microdata access

Acuerdo 1ª/X/2008

Para dar cumplimiento a los plazos y términos establecidos en los artículos 100 y Transitorio Séptimo de la LSNIEG, la Junta de Gobierno aprobó los procedimientos y las condiciones para facilitar el acceso expedito a los microdatos de las últimas encuestas nacionales publicadas y muestras representativas de los operativos censales.

Best international practices

Virtual Microdata Laboratory (VML)

The Virtual Microdata Laboratory (VML) is a facility within
Researchers from government and academia use the

About the Virtual Microdata Labo

What the VML is, the datasets available, past outputs

Accessing the Virtual Microdata

How to access the VML, including links to applicator

Contact the Virtual Microdata Lat

Postal address, email address and telephone numt



Centraal Bureau voor de Statistiek



Products		Tools		Information	
Users	Journalists	Researchers	Respondents		



Research Data Centers (RDCs)

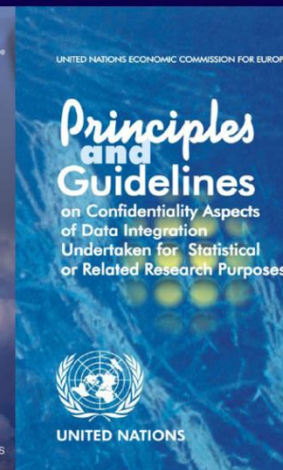
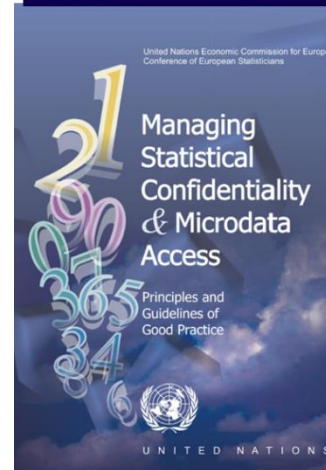
RDCs are secure Census Bureau facilities. RDCs provide secure access to restricted-use microdata for statistical purposes only. Qualified researchers with approved projects can conduct research that benefits Census Bureau programs.

- Partner with leading research organizations
- Currently operate in [15 locations](#)



OECD EXPERT GROUP FOR INTERNATIONAL COLLABORATION ON MICRODATA ACCESS

FINAL REPORT



<p>PROJECT</p> <p>About IPUMS-I How to Cite IPUMS-I User Registration and Login</p>	<p>Integrated Public Use Microdata Series, International</p> <p>census microdata for social and economic research</p> <p>IPUMS-International is a project dedicated to collecting and distributing census data from around the world. Its goals are to:</p> <ul style="list-style-type: none"> Collect and preserve data and documentation Harmonize data Disseminate the data absolutely free!
<p>DATA</p> <p>Browse and Select Data Download Your Data Extract GIS and Other Data Files</p>	
<p>SAMPLES</p> <p>Sample Descriptions Variance Estimation</p>	

Policy for Microdata access

- Download from INEGI web site , free of charge - no registration needed

- Household survey (probabistic)
- Household and population census samples (probabistic)
- Statistics of mortality, birth and marriage from administrative registers
 - 120 000 000 inhabitants
 - 32 000 000 households

- Remote processing and Microdata Laboratory - application and accreditation needed, free of charge only for public servants, students and researchers and analyst from internacional organizations

- Household and population census (context risk)
- Economic census
- Agriculture census
- Surveys in establishments
- Surveys in agricultural units
- Economic statistics from administrative registers



The screenshot shows the INEGI website interface for downloading ENOE microdata. The page title is "Encuesta Nacional de Ocupación y Empleo (ENOE) Microdatos - descarga". It includes a dropdown menu for selecting the year (2010 is selected) and a "Continuar" button. The page also contains text explaining the microdata and providing contact information.



The screenshot shows the INEGI website interface for accessing EAC 2010 microdata. The page title is "Encuestas en Establecimientos Encuesta anual de comercio (EAC) - 2010 en adelante Microdatos". It lists "Aspectos metodológicos" such as "Presentación", "Cuestionario", "Estructura de archivos (FD)", "Glosario", and "Síntesis metodológica". It also includes a section for "Acceso a microdatos" with options for "Laboratorio de microdatos/Procesamiento remoto" and "Servicio de procesamiento".

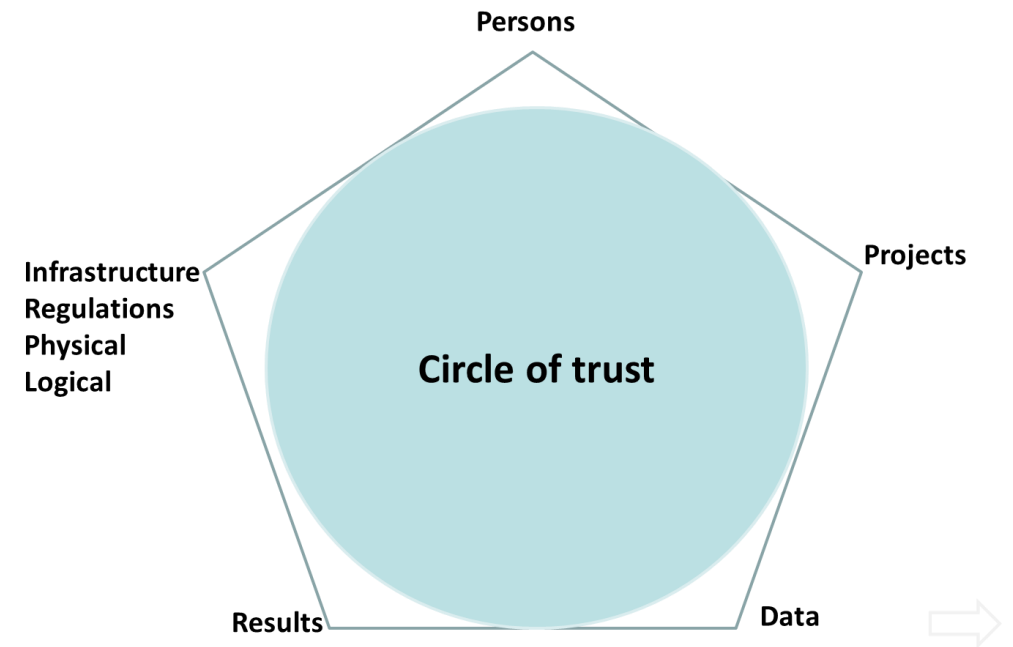
Microdata Laboratory

- Main challenge -cultural change with areas that generate information

Advantages

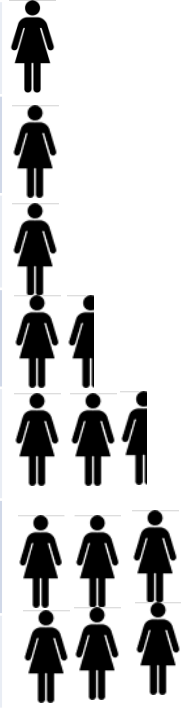
- Holistic perspective of the Project
- INEGI President's commitment
- Reuse of resources available (Citrix) very low investment
- IT personnel commitment
- Leveraging knowhow of areas that generate information for confidentiality checking
- Training users
- Delegating to users everything they can do
- Special section for microdata access in INEGI Web site as one sole point entry
- Now is an institutional service provided through microdatos@inegi.org.mx

Risk management model, secure:

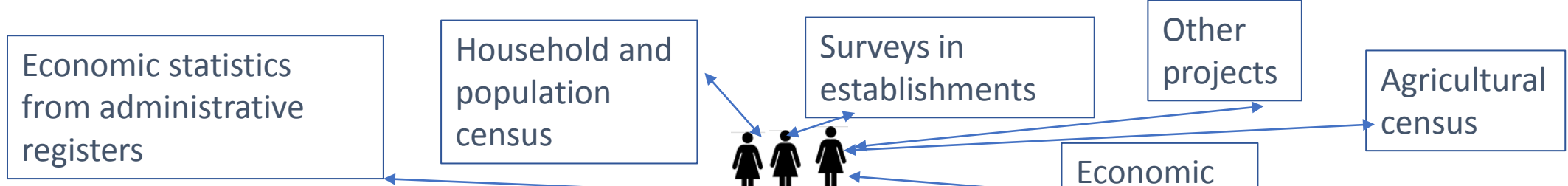


Microdata Laboratory & publication of microdata section in INEGI web site (April)

Registered August 31, 2017			
Year	Research projects	Remote Processing	Micordata Laboratory
2011	6	6	-
2012	41	41	-
2013	138	127	11
2014	164	143	21
2015	147	102	45
2016	158	88	70
2017	101	42	59
Total	755	549	206



Institutional service



Surveys in agricultural units

A screenshot of the INEGI website's 'Microdatos' section. The page features a header with the INEGI logo and navigation tabs. Below the header, there is a main content area with several sections: 'Censos y conteos', 'Encuesta nacional agropecuaria', and 'Encuestas en establecimientos'. Each section lists various surveys and their years. To the right of the main content, there are several smaller boxes for 'Proyectos de investigación en desarrollo', 'Red Nacional de Microdatos', 'REALIDAD, DATOS Y ESPACIO', 'REVISTA INTERNACIONAL DE ESTADÍSTICA Y GEOGRAFÍA', 'Banco de información INEGI', and 'Banco de Datos'. At the bottom of the screenshot, there is a world map with arrows pointing to various countries.



Challenges

- Data architecture so microdata use is more efficiently
- Include access to microdata or administrative registers of other institutions
- Recuperate historical geographic frameworks
- Link household and establishment data

Thank you



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