

CHINA DATA CENTER UNIVERSITY OF MICHIGAN



#### **An Introduction of China Geo-Explorers**

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# **About China Data Center**

#### Background:

• Established in 1997



- Provide comprehensive and unique data from the government statistics, population Census and economic Census in China.
- China Data Online service (with more than 200 institutional subscriptions worldwide):
  - China Statistical Database
  - China Census Database
  - China Spatial Database (China Geo-Explorer)

#### **Features of China Geo-Explorer**

- Rich and Unique databases
- Flexible Functions for Data Selection
- Multiple Formats for Data Export
- Easy and Time-saving Reports, Charts, and Maps
- Unlimited Data service from Limited databases
- Great Value for Affordable Prices
- No GIS skills needed for spatial analysis and mapping

#### **Rich and Unique Databases**

- Government statistics at province, city, and county levels (1949 -)
- Population Census data by province, city, county, and township (1953, 1964, 1982, 1990, 2000, 2010)
- Economic Census data by province, city, county, and ZIP code (1995, 2001, 2004 and 2008)
- Firm level data with geo-referenced ZIP code locations (address, contact, ownership, industry, starting year, revenue and employee scales)
- GIS maps of province, city, county, township, and ZIP code

#### **Flexible Functions for Data Selection**

- Select data by administrative units (province, city, county and township)
- Select data by self-defined areas
- Select data by X&Y locations
- Select data with spatial tools from map

#### **Multiple Formats for Data Export**

- Export data, report or maps to different formats:
  - HTML
  - PDF
  - Excel
  - Word
  - GIS shape file

#### Easy and Time-saving Reports, Charts & Maps

- Reports (HTM, PDF, Excel, Word):
  - Pre-defined
  - Customized reports
- Charts:
  - Dynamic links to tables and maps
- Maps
  - make maps for all or selected areas
  - Export to JPG or PDF files

# Unlimited data service from Limited databases

- Unlimited data from different X&Y locations and spatial ranges
- Unlimited reports for selected provinces, cities, counties and townships
- Unlimited charts for selected regions and industries
- Unlimited maps for selected regions and variables

## **Great Value for Affordable Prices**

China Geo-Explorer offers more than 5,000 variables with a value of more than \$500,000:

- China 2010 Population Census Data with GIS Maps (Province, City, County and Township)
- China 2000 Population Census Data with GIS Maps (Province, City, County and Township
- China 2000/2010 Population Census Data with Comparable GIS Maps (Province, City and County)
- China Population GRID Data with Township Boundary Maps
- China Historical County Population Census Data with GIS Maps (1953, 1964, 1982, 1990)
- China 1995 Industrial Census Data with GIS Maps (Province, City, County and ZIP code)
- China 2001 Basic Unit Census Data with GIS Maps (Province, City, County and ZIP code)
- China 2004 Economic Census Data with GIS Maps (Province, City, County and ZIP code)
- China Firm Level Data with GIS Maps (more than 7 millions records)
- China Province Statistical Indicators with Maps (1949-)
- China City Statistical Indicators with Maps (1996-)
- China County Statistical Indicators with Maps (1997-)

#### **Membership and Subscription**

China Geo-Explorer I	Annual Fee	Notes
	\$3,800	FTE > 8000
	\$3,200	FTE: 6,000-8,000
	\$2,600	FTE: 4,000-6,000
	\$2,000	FTE < 4,000
China Geo-Explorer II	Annual Fee	CGE I + GIS Map Export
	\$6,800	FTE > 8,000
	\$5,800	FTE: 6,000-8,000
	\$4,800	FTE: 4,000-6,000
	\$3,800	FTE < 4,000

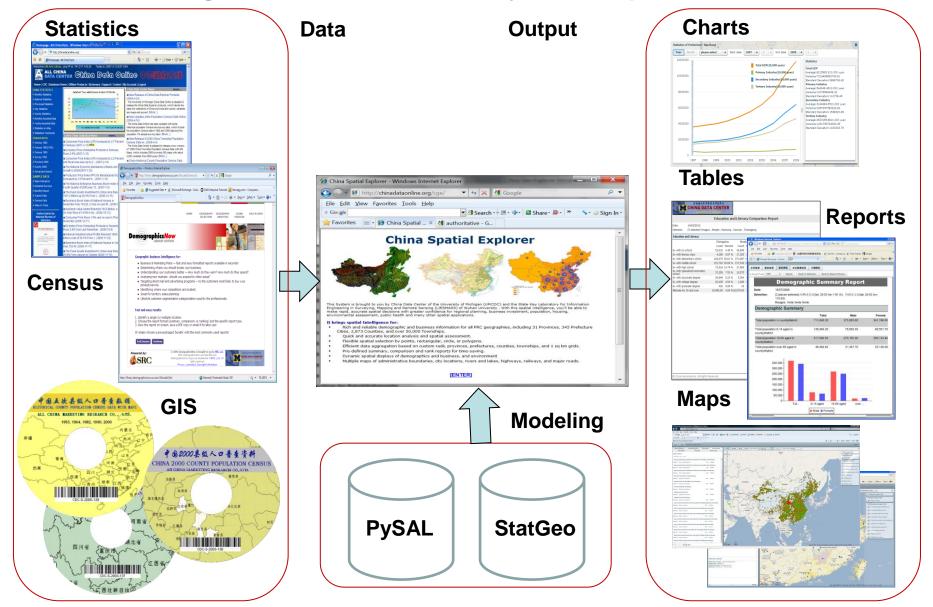
## **List of Institutional Memberships**

- Harvard University
- Yale University
- Stanford University
- MIT
- University of Pennsylvania
- New York University
- U C Berkeley
- Columbia University
- Duke University
- University of Michigan
- Asia Development Bank

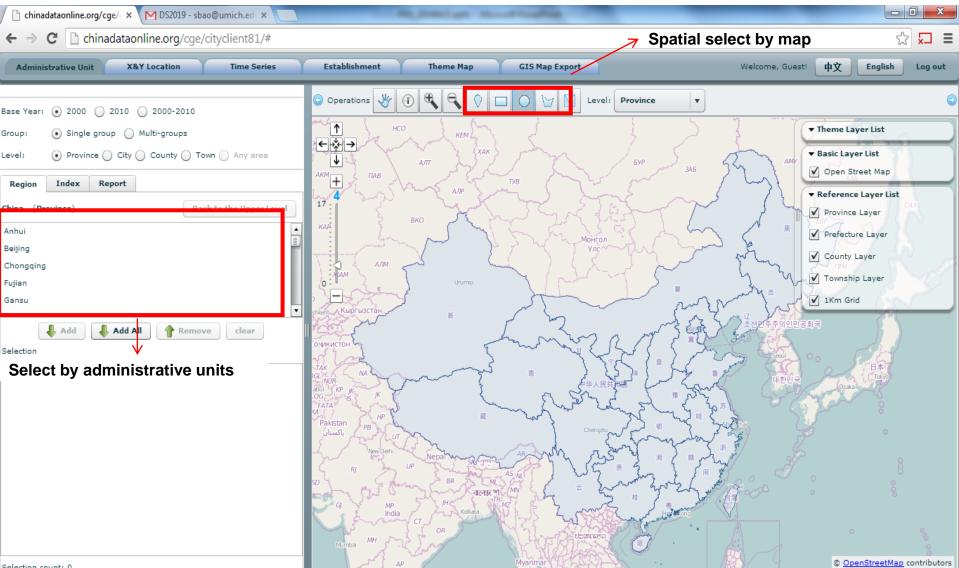
- National Singapore University
- Nanyang Technology University
- Chinese University of Hong Kong
- Shanghai University of Finance and Economics
- University of Nottingham
   Ningbo
- Xi'an Jiaotong-Liverpool University

#### **China Geo-Explorer**

An Integration of Data and Analysis for Spatial Studies



## **Report Analysis**



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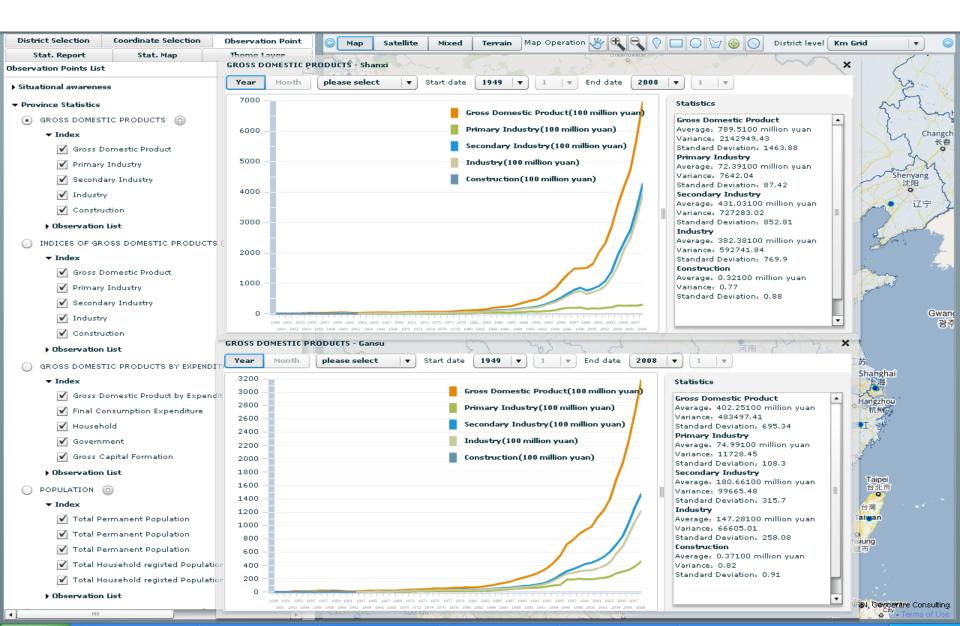
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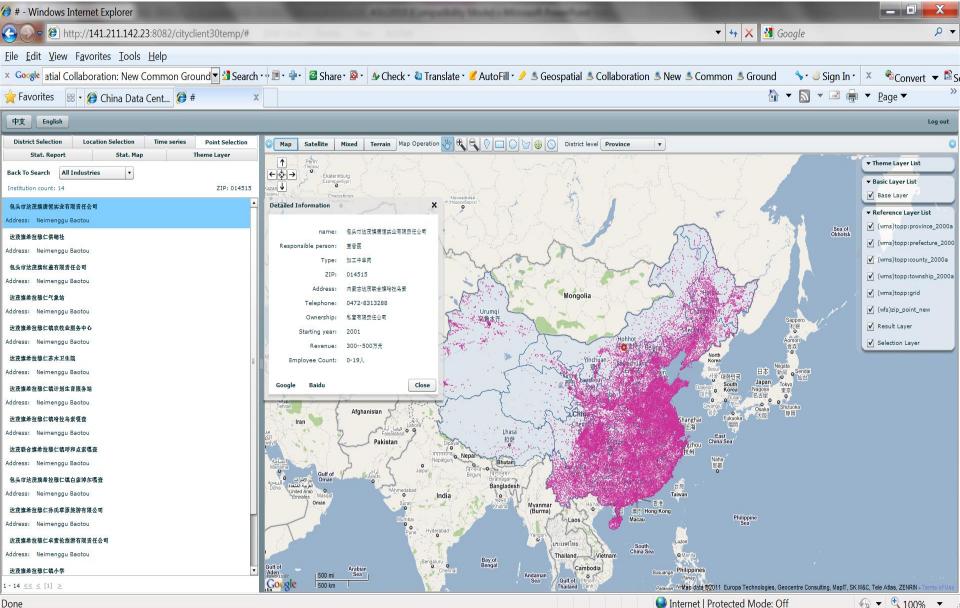
#### **Trend Analysis**



#### **Structural Analysis**

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#### Establishments Analysis



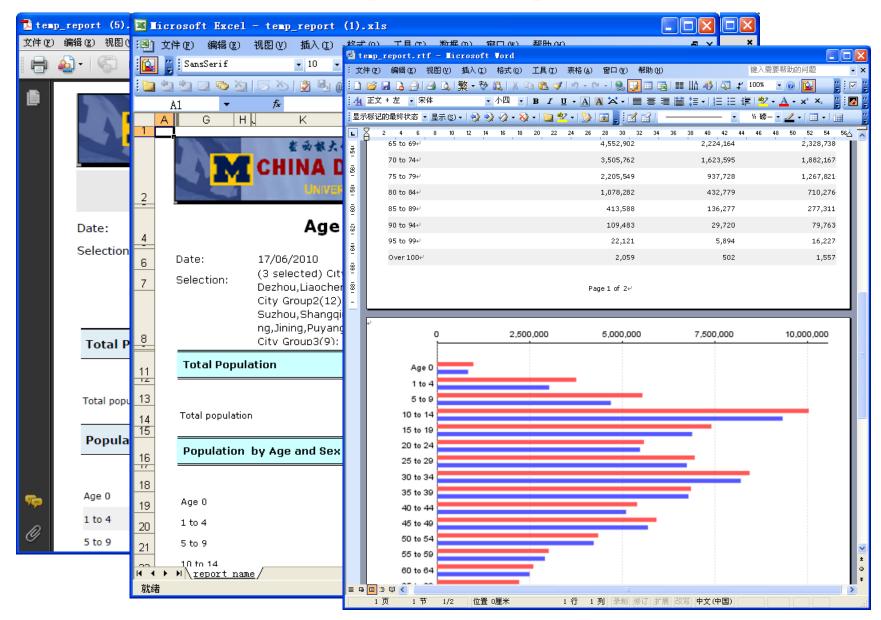
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#### **Theme Map**

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#### **Multiple Outputs**



#### **Data Export**

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#### **GIS Map Export**

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## **US Geo-Explorer Service**

#### **Data Sources:**

- Applied Geographic Solutions, Inc. ("AGS" <u>www.appliedgeographic.com</u>)
- InfoGroup, Inc. (<u>www.infogroup.com</u>)

#### **Data Coverage:**

- Population Census (State, County, Tract, Block, Metropolitan, CCD, Place)
- o Census 1970, 1980, 1990, 2000, 2010
- American Community Survey
- Economic Census (State, County, Metropolitan)
- Annual Census reports from 1986 to current
- Establishments (individual companies and organizations)
- Firm level records for 2013 (85 fields)
- Aggregated data by State, County, Tract, Block, Metropolitan, CCD, Place, ZIP (1997-2013)

BLOCK

## **To Apply for a Trial**

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