Statistical analysis of geospatial (environmental, social, etc.) information, and relevance of SDI’s and international standards

Presented by: MennatAllah Hashim
Senior GIS Developer,
Central Agency for Public Mobilization and Statistics (CAPMAS)
Agenda

1. Census and Geospatial Information.
2. National surveys and Geospatial Information *(Income and Expenditure survey).*
3. Web Based application for telecommunication infrastructure indicators.
4. Next approaches.
I - Census and Geospatial Information.

- The first Egyptian census was in 1882
- The last census was in 2006
- The next census will be in 2016 (14 th)
I - Census and Geospatial Information

• In Census 2006 we joined the results with:
  A. Summarized administrative level
     I. Governorates
     II. Qism - Markaz
     III. Shyakha - Village
I - Census and Geospatial Information

• In Census 2006 we joined the results with:
  B. Detailed Maps with scale 1:500 (Building Level)
1- Census and Geospatial Information

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Households and Individuals data
I- Census and Geospatial Information

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  Distribution of illiteracy among buildings
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Distribution of Dis-connection with infrastructure services among buildings
In Census 2006 we used to divide the
supervising areas using streets not EA
so we didn't put the results and analysis on that
level.
1- Census and Geospatial Information

- But for census 2016 we are preparing now to use SA and EA
Therefore in 2016 the results will be joined with:

1. Administrative level
2. SA
3. EA
4. Block
5. Building
I - Census and Geospatial Information

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(Income and Expenditure survey).

- CAPMAS Produces Income and Expenditure survey every 2 years, the last one was (2012 – 2013).
- The main produced data from this survey is:
  - The percentage of poverty and inequality among the country.
  - The different levels of expenditures.
  - Poverty Gap.....etc.
2- National surveys and Geospatial Information (Income and Expenditure survey).

- Till 2009 CAPMAS used to Publish the results of this survey as:
  1. Digital or papered Tables
  2. Charts
  3. Static thematic maps
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National surveys and Geospatial Information (Income and Expenditure survey). Starting from 2011, CAPMAS and the Egyptian Social Development Fund work on a new idea that CAPMAS publishes the results of this survey on a dynamic geographical windows application. So the Egyptian Social Development Fund can use this application to help determine where to place its investments and development programs.
2- National surveys and Geospatial Information (Income and Expenditure survey).

“Location Information for decision support”

- This application has been Distributed among all the Egyptian ministries, governmental and social agencies.
- CAPMAS dedicated a training groups to help all the ministries in using the application.

- Saving Time and money.
  - As they now can know:
    - Where is the poor people.
    - Why they are poor.
    - What are the points of shortage in distributing the main and essential services
    - Where to improve this services.

“So they can take the right decision“
3-Web Based application for telecommunication infrastructure indicators
CAPMAS designed and published a great web-based application for the Ministry of Communication to show and analyze the major indicators for the Egyptian Information Society. The integration between telecommunication infrastructure information and census data is also emphasized.

The application is available in English and Arabic languages, with options for Infrastructure and Sampling. Users can enter their User Name and Password to log in or register for new access.
4- Next approaches

- **SDI**
  - Collecting data and maps from different ministries.
  - CAPMAS trials before 2011 with prime ministry.
  - CAPMAS trials in 2014.

- **CAPMAS**
  - Preparing for the next census using all the standard considerations.
  - Preparing digital maps for the whole country (Urban – Rural) using maps with scale 1:500.
  - Preparations for the Egyptian Geoportal.
Thanks

- Contacts:
  pres_capmas@capmas.gov.eg
  www.capmas.gov.eg