

# Surveys

EGM on FDES 2016



# Content

- General surveys
- Housing and pop
- HBS
- CMPHS
- CEA
- SPECIAL SURVEYS
  - E.g. Water
    - University project
- Questionnaires
- Data collections
- Tabulations, etc
- Publication



# General Censuses and Surveys

- Housing and pop census –every 10 years
- Household
  - Household Budget Surveys – HBS: every 5 years
  - Continuous Multi-purpose Household Survey – CMPHS: annual with core subject and occasional for specific topics such as environment, water, energy, crime etc
- Industries/Businesses
  - Census of Economic Activities – CEA: every 5 years

# Housing and pop census

- Asks on

- Water point/tap availability with regular supply
- Give % of population having access to safe drinking water- e.g. MDG indicator
- Availability of water tanks – e.g. rooftop tanks
- Availability of Solar water heaters
- Others – e.g. water saving done
- Connections to Sewer networks
- Fuel used for cooking/lighting etc
- Waste disposal

- Questionnaire:

<http://statsmauritius.govmu.org/English/CensusandSurveys/Pages/default.aspx>

# Household Budget Surveys – HBS: every 5 years

- Aimed principally to update the consumer price index (CPI)
- Asks for cost of water
- Analysis of water expenditure by type of household
- Can also be useful to study other environmental topics such as green consumerism, etc
- Questionnaires at:  
<http://statsmauritius.govmu.org/English/CensusandSurveys/Pages/Household-Budget-Survey.aspx>

# Continuous Multi-purpose Household Survey – CMPHS:

- Annual as core subject employment and occasional for specific topics such as environment, water, energy, crime etc
- Environmental topics include waste disposal, perceptions about the state of environment
- Water saving
- Energy saving
- Transport use
- Others
- Questionnaire at:  
<http://statsmauritius.govmu.org/English/CensusandSurveys/Pages/Continuous-Multipurpose-survey-Lists.aspx>

# Industries/Businesses

## Census of Economic Activities - CEA: every 5 years

- Aims to collect data for updating the national accounts
- Producing supply and use/input-output tables
- Some environmental data also collected:
  - Water use and expenditure
  - Energy use and expenditure
  - Environmental protection fees
  - Transport use
- Questionnaires at:  
<http://statsmauritius.govmu.org/English/CensusandSurveys/Pages/Census-of-Economic-Activity.aspx>

# Water survey

- **Project funded by Global Development Network (GDN): <http://www.gdn.int/>**
- Questions included:
- Household characteristics
- Socio-demographics
- Water consumptions

	Water		Wastewater	
Month (since last year)	Use (m <sup>3</sup> )	Bill (Rs)	Use (m <sup>3</sup> )	Bill (Rs)
Write which month.....				

# Water survey

- Please rate the quality of water you have at home.

Extremely worst	Very bad (cannot drink, cannot use for hygienic purposes)	Bad (not good can manage)	Good	Excellent
1	2	3	4	5

- Please rate the degree of awareness you have on each of the following statement on water and climate change. Please tick as appropriate

Water crisis and climate change	Not aware at all 1	Have slight knowledge (heard but not quite understand) 2	Have some knowledge on the subject (can understand) 3	Understand the subject well 4	Expert knowledge (understand the science behind) 5
To what extent you are aware that Mauritius is facing a water crisis (many residents do not water on a regular basis)					
To what extent you are aware that climate change is leading to a fall in precipitation in Mauritius					
To what extent you are aware that there is a lack of fund to finance reservoir in Mauritius					

# Water survey

- **Other questions**
- **Aim to assess the value of water –**
- **Economic valuation –e.g. contingent valuation method – CVM**
- **Other surveys can also accommodate environmental topics:**
  - **Tourism survey**
  - **Employment survey**

# Online and Offline data collection

- **Tools:**

- **CSPro: Census and Survey Processing System (CSPro):**

<https://www.census.gov/population/international/software/cspro/csprodownload.html>

- **ODK: Open Data Kit (ODK)**

- is an open-source suite of tools that helps organizations author, field, and manage mobile data collection solutions

(<https://opendatakit.org/about/>)

- To use ODK, you need to do three things –
  - design a form,
  - setup a server, and
  - connect the device to that server.
- Once those three things are done, you'll be ready to start data collection.
- You'll need three tools:
  - Build or XLSForm -- to design your survey form.
  - Collect -- running on an Android device to download and fill-in the survey.
  - Aggregate -- for hosting the survey form and gathering the survey results. Alternatively, Briefcase can be used to gather the survey results (but you'll need to manually place the survey form onto the Android device).

# THE END

- **Thank You**
- **MERCIE**

