



Palestinian Central Bureau of Statistics

Water Statistics in Palestine

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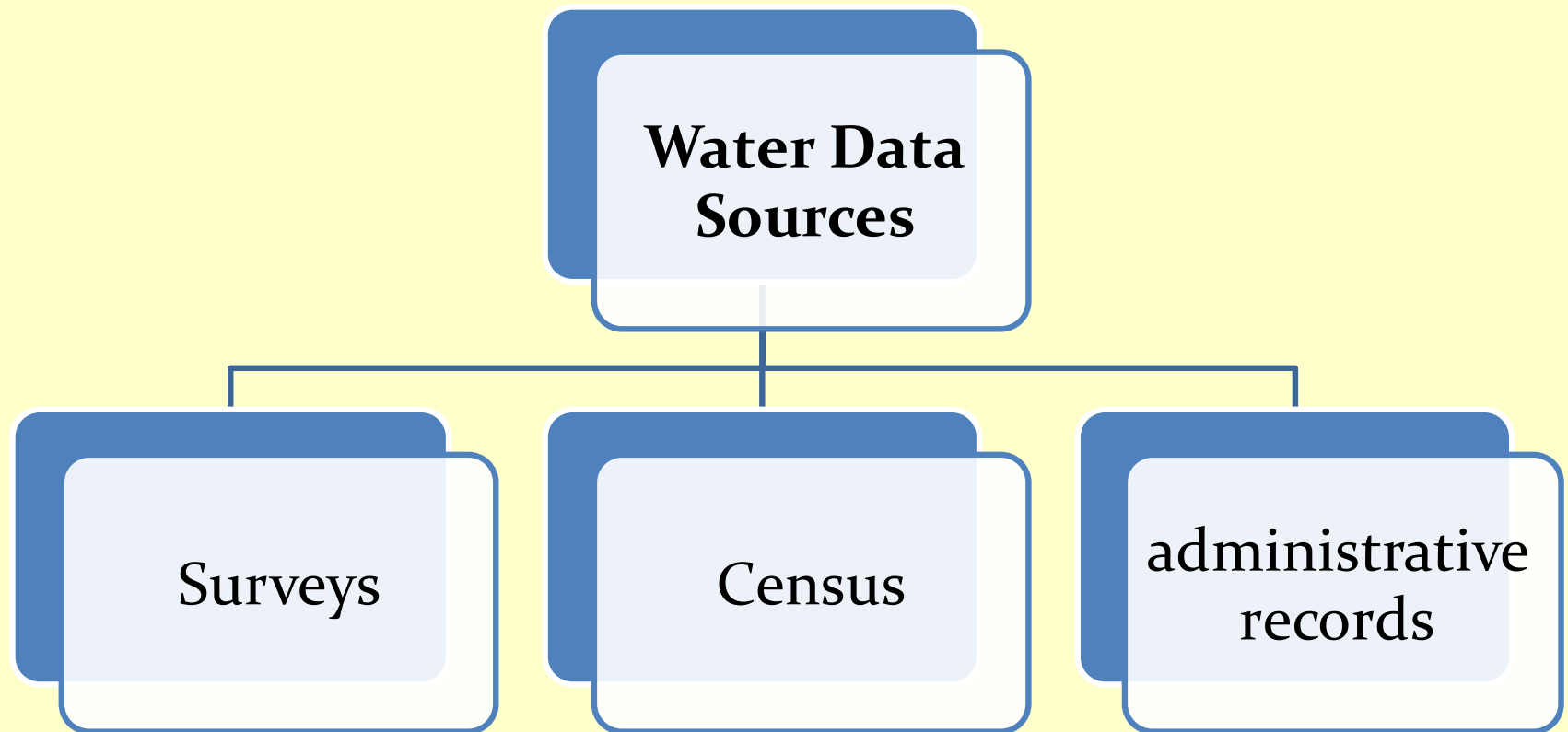


Introduction

- Natural Resources Department in PCBS consists of 3 divisions; Energy, land use and Water.
- Water division in PCBS was established in 1996, the first water statistic report was released in 2000, but the data was for the period from 1996-1998.
- PCBS usually release a report and tables for water statistics depending on the data available.

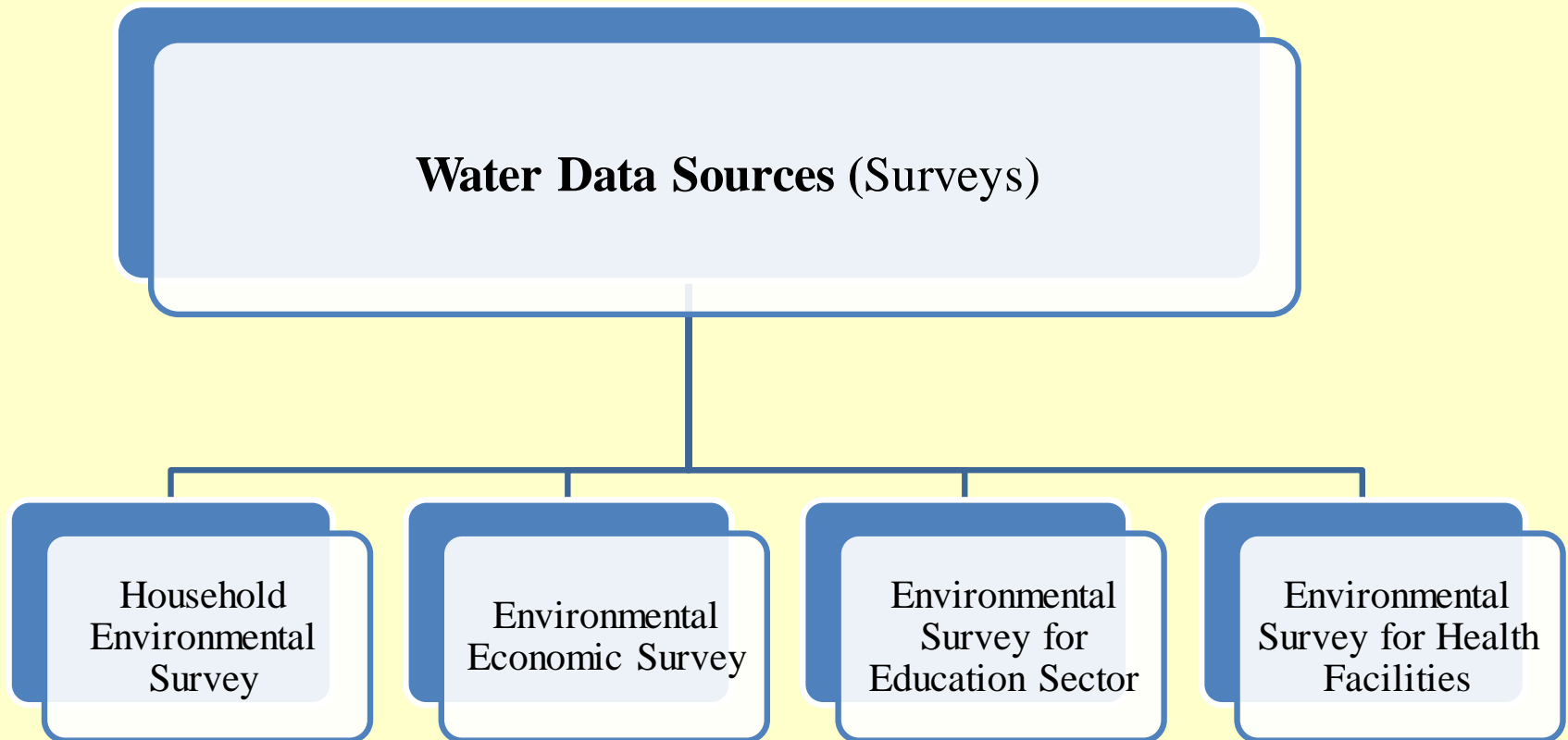


Data Sources





Data Sources (Surveys)





Indicators (Administrative Records)

Palestinian Water Authority

Annual Available Water Quantity

Annual Pumped Quantity from Groundwater Wells

Annual Discharge of Springs Water

Quantity of Water Supply for Domestic Sector

Daily Consumption Rate per capita (liter/capita/day)

Annual Quantity of Water Purchased from Israeli Water Company (Mekorot)



Inter-institutional Collaboration

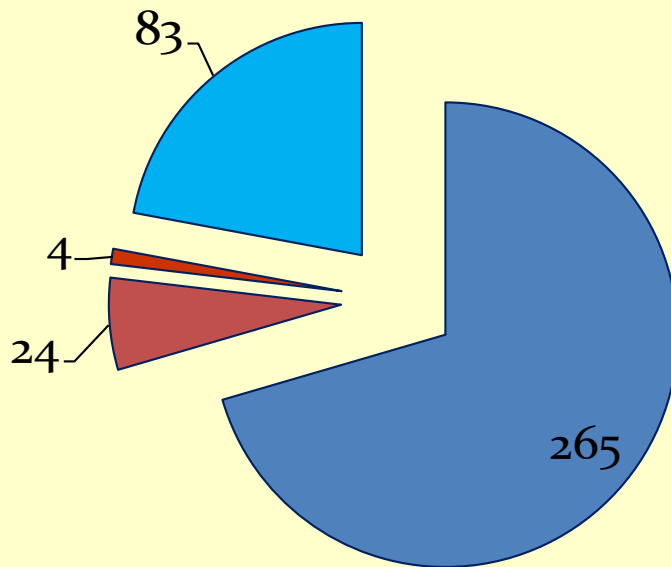
- Memorandum of understanding between PCBS and Palestinian Water Authority was signed.
- An Excel file was sent to the Water Authority to complete the required data.
- Several meetings were held with the Water Authority to discuss the data being sent.



Main Indicators for Water Statistics

Annual Available Water Quantity in Palestine by Source and Region, 2017

million m³



- Water Pumped from Palestinian Wells
- Springs Discharge
- Desalinated Drinking Water
- Water Purchased from Israeli Water Company (Mekorot)(5)



Main Indicators for Water Statistics (Cont.)

The daily allocation per capita from consumed water for domestic purposes is 88.3 liter/capita/day in Palestine. The West Bank and Gaza Strip had the same rate in 2017.

62% of households use an improved drinking water source (piped into dwelling, protected dug well/ protected spring, rainwater, bottled water and public tap); 95% in the West Bank and 11% in Gaza Strip (The decrease in the Gaza Strip).

More than 97% of the water pumped from the coastal aquifer in Gaza Strip does not meet the water quality standards of the World Health Organization.



Main Indicators for Water Statistics (Cont.)

The percentage of the exploitation of surface and ground water from available water in the year 2017 was high, with an average of 77%.

The Palestinians have been denied access to extraction from the Jordan River since 1967, which was estimated about 250 million cubic meters.

The quantity of Water Pumped from Palestinian Wells in the West Bank in 2017 was 86 MCM from Eastern aquifer, Western aquifer and North-Eastern aquifer.

22% of Available Water in Palestine (83 million cubic meters) Purchased from Israeli Water Company "Mekorot".



Water-related SDG indicators

Total number of indicators for Goal 6 = 11 indicators

of which:

8 indicators from the 11 are related to 2017-2022 NDP.

4 indicators from the 11 are available (6.1.1, 6.2.1, 6.4.2, 6.a.1)



Challenges Faced with Data Compilation

- Lack of commitment from institutions to provide data in required time.
- Low quality of data from an administrative records.
- Limited availability of data from administrative records.



International Questionnaires

- **UNSD/UNEP Questionnaire on water statistics**

The main source of water data comes from Water Authority

- **FAO Questionnaire (AQUASTAT Questionnaire) on water statistics**

The main source of water data comes from Water Authority and Ministry of Agriculture

- In the previous Questionnaires, the data are filled and updated according to the definitions and classifications presented in these Questionnaires.



Dissemination

- Water tables and environment reports are published on PCBS Website www.pcbs.gov.ps
- Public use files for surveys are published to be used by researchers
- Descriptive statistics is published using the accelerated data program ADP
- Publish press releases in media
- In PCBS we have a manual of statistical indicators for all indicators in PCBS, including water indicators, where this manual is published on the web page.

<http://www.pcbs.gov.ps/Downloads/book2264.pdf>



Thank You