Khitam AlBezreh
Palestinian Central Bureau of Statistics

58th ISI
IPUMS Project: Integration of Census Micro data
Dublin: 21-22, August, 2011
Background

- Palestine (Holly Land) is a small Arab Country in the middle east.
- Most of Palestine’s land is still under Israeli occupation since 1948.
- Palestine has an important geographical location in the world map.
- Currency: Main currency is Israeli Shekel, other currencies are: JD, US$, and Euro.
- Languages: Arabic mother tongue. English widely used.
- Capital: Jerusalem.
### Background

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>2010</td>
<td>4,048,403</td>
</tr>
<tr>
<td>Area of Palestinian Territory (km²)</td>
<td>2010</td>
<td>6,020</td>
</tr>
<tr>
<td>Population density (capita/km²)</td>
<td>2010</td>
<td>673</td>
</tr>
<tr>
<td>Literacy Rate</td>
<td>2010</td>
<td>94.9</td>
</tr>
<tr>
<td>Gross Domestic Product (GDP) at constant prices (2004 is the base year)</td>
<td>2009</td>
<td>5,241.3 Million US$</td>
</tr>
<tr>
<td>Gross National Income (GNI) at constant prices (2004 is the base year)</td>
<td>2009</td>
<td>5,716.7 Million US$</td>
</tr>
<tr>
<td>Labour Force Participation Rate of Persons Aged 15 Years and Above</td>
<td>2010</td>
<td>41.1</td>
</tr>
<tr>
<td>Percentage of Participated Women in Labour Force</td>
<td>2010</td>
<td>14.7</td>
</tr>
<tr>
<td>Unemployment Rate of Participants in the Labour Force of Persons Aged 15 Years and Above</td>
<td>2010</td>
<td>23.7</td>
</tr>
</tbody>
</table>
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Microdata for census 1997-2007

Palestinian- Dissemination Strategy: Public Use Data files (PUF)

The Core

The PUF (digital files)
The Proactive Dissemination
The Social Responsibility
User Producer Dialogue
Dissemination Strategy: \textit{Public Use Data files (PUF)}

\textbf{PCBS’ dissemination Strategy}

As part of PCBS dissemination strategy, the focus is on empowering users through:

1. Micro data for public use (PUF)
2. Micro data for special use
3. Statistical library
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Microdata for census 1997-2007

Dissemination Strategy: *Public Use Data files (PUF)*

**PCBS’ dissemination Strategy**

1. Census micro data is **available** for public use for **everyone** with detailed information on the contents posted on PCBS’ web site
2. Micro data usage is regulated by **special agreement** and a license: **Site, personal, and group license**
3. All **local universities** have **free copies** of PCBS’ digital data files including the census
**Dissemination Strategy: Public Use Data files (PUF)**

**What is PUF:**

1. **Data in digital formats** based on surveys and censuses as part of user empowerment
2. Data is **treated** to ensure the preservation of data confidentiality
3. Data is **documented** in user friendly manner along with the corresponding metadata to enable effective utilization of data by users
4. Use of data is regulated by **agreement** and **license** between the user and the PCBS
Dissemination Strategy: *Public Use Data files (PUF*

The beginning of the PUF experience…….

1. Census 1997 as learning experience for the whole organization
2. Final results disseminated in nine months from census enumeration
3. Census was the first experiment in preparing microdata. Since then, all of PCBS surveys are disseminated in digital formats
Palestinian-Made censuses: Background

1. First population census: executed in October 1922 during the British mandate era. The estimated population was 752 thousand.

2. A second population census: executed in November 1931 during the British mandate era. The population was estimated at 1.033 million.

3. A demographic survey was executed in 1944 (during the British mandate era). The estimated population of Palestine was estimated at 1.74 million.


5. A comprehensive enumeration of the Palestinian population was done in September 1967 by Israelis. About 599 thousand inhabitants were enumerated in the West Bank and about 400 thousand in the Gaza Strip (Jerusalem not included). (Note: displacement of 400 thousand after the war)
Palestinian-Made censuses

<table>
<thead>
<tr>
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<th>Description</th>
<th>Year</th>
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<tbody>
<tr>
<td>1</td>
<td>The first Palestinian Population, Housing, and Establishment Census was conducted</td>
<td>1997</td>
</tr>
<tr>
<td>2</td>
<td>The second Palestinian census was conducted</td>
<td>2007</td>
</tr>
</tbody>
</table>
1997 census in focus

1. Census as learning experience for the whole organization

2. Final results disseminated in nine months from census enumeration

3. Census was the first experiment in preparing microdata. Since then, all of PCBS surveys are disseminated in digital formats
Census 1997: Microdata characteristics

The microdata file was a sample with the following characteristics:

- The **sampling frame** consists of a list of all households that have been counted during the population, housing and establishment census 1997. These households cover all households living, during the census, in the West Bank and Gaza Strip except those living in the annexed part of Jerusalem.

- Regarding **sample design**, a systematic random sample of 20% of the households is selected, then all household members of the selected households are selected.

- Regarding sampling **weights**, they are calculated and added to the data file, and they should be used when calculating estimates from the data file.
Census 1997 in focus: Sample of international publications

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>4.</td>
<td>Hill, AG. <em>Demographic and health prospects in the Occupied Palestinian Territory</em>. A Congressional Briefing on Changing Demographics of the Middle East: How Policies and Programs Affect Stability in the Region sponsored by the Office of Representative Danny Davis (D-IL), the Office of Representative Rush Holt (D-NJ), The Office of Representative Mark Kirk (R-IL), Rayburn Building,</td>
</tr>
</tbody>
</table>
Census 1997 in focus: Selected user’s feedback on microdata

1. Our demand is for digital files which contain all of the data for particular locales, especially cities. This is because we have noted varied urbanities emerging in the OPT, ranging from Ramallah to Hebron and Gaza, which are important to study in detail in order to assess what is currently taking place now, and to plan for the future.

2. Census microdata was like a dream come true for us as researchers.

3. To have census digital data files posted on our intranet at the university for utilization by our graduate students is something that we are very proud of.

4. Census microdata was very useful. We hope to obtain microdata for next census very soon.

5. With the microdata sets that you provide, our research alternatives are greater. Little improvements in the detail levels would enrich our research.
PCBS Dissemination Strategy

As part of PCBS dissemination strategy, the focus is on empowering users through:

1. Macro data for public use (PUF)
2. Micro data for special use
3. Statistical library

![Pie chart showing number of digital data files for surveys by type]

- Social statistics: 65
- Area Statistics: 41
- Economic Statistics: 82
Release of digital data files is posted on PCBS e-calendar

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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<th>Saturday</th>
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<tbody>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
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<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
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Census 1997 in focus: Empowering users

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3. All local universities have free copies of PCBS’ digital data files including the census
Census 2007 in focus: Current status

1. Successfully completed the population count in the Palestinian Territory including Jerusalem in December 2007.

2. Post enumeration study (PES) was successfully implemented in January 2008.


## Census 2007 in focus: Tasks ahead

1. Surveying previous users of microdata to receive enough feedback to **improve** contents and presentation of census digital data files

2. Prepare and disseminate **census 2007 as microdata**

3. Conduct workshops to **promote** census microdata to **encourage** research

4. Prepare for the implementation of Census Dissemination Project to ensure proper utilization of census data
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Thank You