



THE NATIONAL  
RESEARCH INSTITUTE  
PAPUA NEW GUINEA

# DISTRICT PROFILES: Madang District

Name of presenter    Peter Michael Magury  
Research Fellow  
Email: [Peter.Magury@pngnri.org](mailto:Peter.Magury@pngnri.org)

*Inquire    Inform    Influence*



THE NATIONAL  
RESEARCH INSTITUTE  
PAPUA NEW GUINEA

# Information from 2011 & 2000 Population and Housing Census

Name of presenter    Peter Michael Magury  
Research Fellow  
Email: [Peter.Magury@pngnri.org](mailto:Peter.Magury@pngnri.org)

*Inquire    Inform    Influence*

# Presentation Outline

---

1. Introduction
2. NRI'S Development Indicators Research Program
3. 2000 & 2011 census selected results on;
  - Population numbers, and the changes that occurred in 10 years, and
  - Basic Education information, and
  - Household Economic Activities, and
  - Housing Characteristics.
4. Example of a questionnaire that is applied elsewhere and can be modified for Madang
5. Views on the type of information that is valuable for District Planning
6. Future Directions

# NRI's Research Program

---

- PNG NRI is mandated by its Act (*NRI Act 1975, as amended*).
- Six (6) Research Programs and Development Indicators is one
- The aim of this program is to;
  - Access and unpack selected existing population-based data, and
  - Conduct basic analysis and expanded analysis to generate key development indicators under the umbrella of the PNG Strategy for the Development of Statistics 2015–2024 framework (DNPM) , and
  - Collaborate and create partnership with government agencies such as NSO, DNPM, NDoE and NDoH and sub national governments and others,
  - Participate in various government priority programs.
  - Create valuable information to government policy makers.

# Available Data for Users

---

- ❑ Census collects demographic and socioeconomic characteristics
- ❑ Basic information about population on;
  - ❑ Size, distribution, location and
  - ❑ Social characteristics on education, economic activity and others
  - ❑ Information on household economic activities and housing characteristics such as roofing types, flooring etc.,

Data breakdown by:

- ❑ Age Sex and migratory Status
- ❑ Disability
- ❑ Geographic location
- ❑ Surveys fill the missing information that cannot be collected by census
- ❑ Surveys are designed to collect specific data, such as the DHS, HIES etc.,

# Population numbers by geographical areas

***Table 1-1: Population by sex, 2000 & 2011 Census***

Area	2000 Census			2011 Census		
	Persons	Male	Female	Persons	Male	Female
Madang Province	365,106	190,322	174,784	492,360	256,521	235,839
Madang District	86,693	46,056	40,637	110,140	57,185	52,955
Ambenob Rural LLG	42,866	22,674	20,192	53,841	27,962	25,879
Madang Urban LLG	28,547	15,288	13,259	35,330	18,319	17,011
Transgogol Rural LLG	15,280	8,094	7,186	20,969	10,904	10,065

# Population Distribution - Madang Province and District

---

## Madang Province 2011 Census:

- ❑ Population of 492,360.
- ❑ Increases of about 35% from 2000 census (127,254 people).

## Population Distribution – Madang District

- ❑ 2011 Census: Population of 110,140
- ❑ Madang District population increased by about 27% (23,447)
- ❑ About 49% of the Madang District population were counted in Ambenob, 32% at Madang Urban and 19% in Transgogol.
- ❑ Increases in Madang population are from Transgogol, followed by Ambenob and Madang Urban.

# Population by LLG

***Table 2-1: Percentage (%) Growth: 2000 & 2011 Census***

Area	Total	Male	Female
Madang Province	34.9	34.8	34.9
Madang District	27.0	24.2	30.3
Ambenob Rural LLG	25.6	23.3	28.2
Madang Urban LLG	23.8	19.8	28.3
Transgogol Rural LLG	37.2	34.7	40.1



# Population by LLGs

**Table 3-1: Absolute Growth: 2000 & 2011 Census**

Area	Total	Male	Female
Madang Province	127,254	66,199	61,055
Madang District	23,447	11,129	12,318
Ambenob Rural LLG	10,975	5,288	5,687
Madang Urban LLG	6,783	3,031	3,752
Transgogol Rural LLG	5,689	2,810	2,879

# Madang District basic analysis

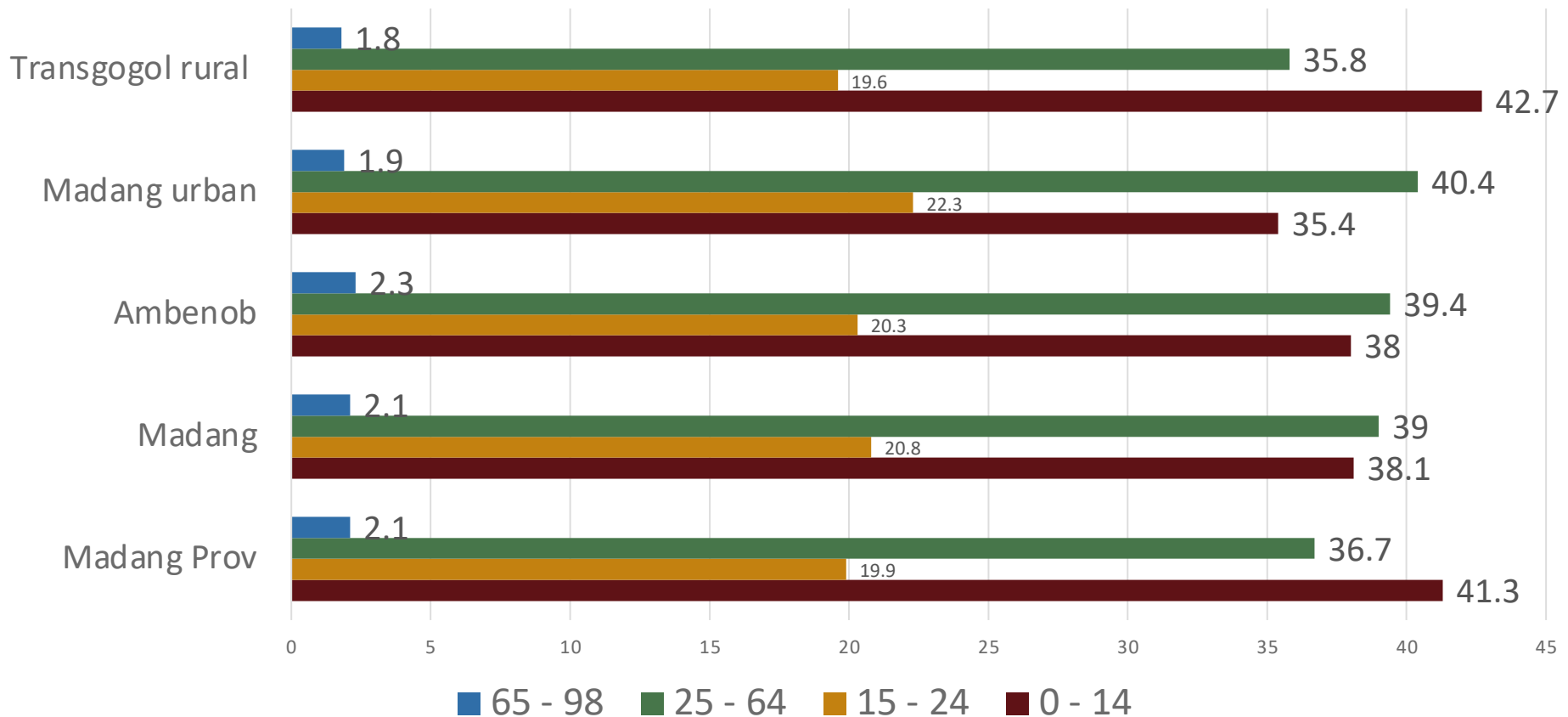
---

## Composition

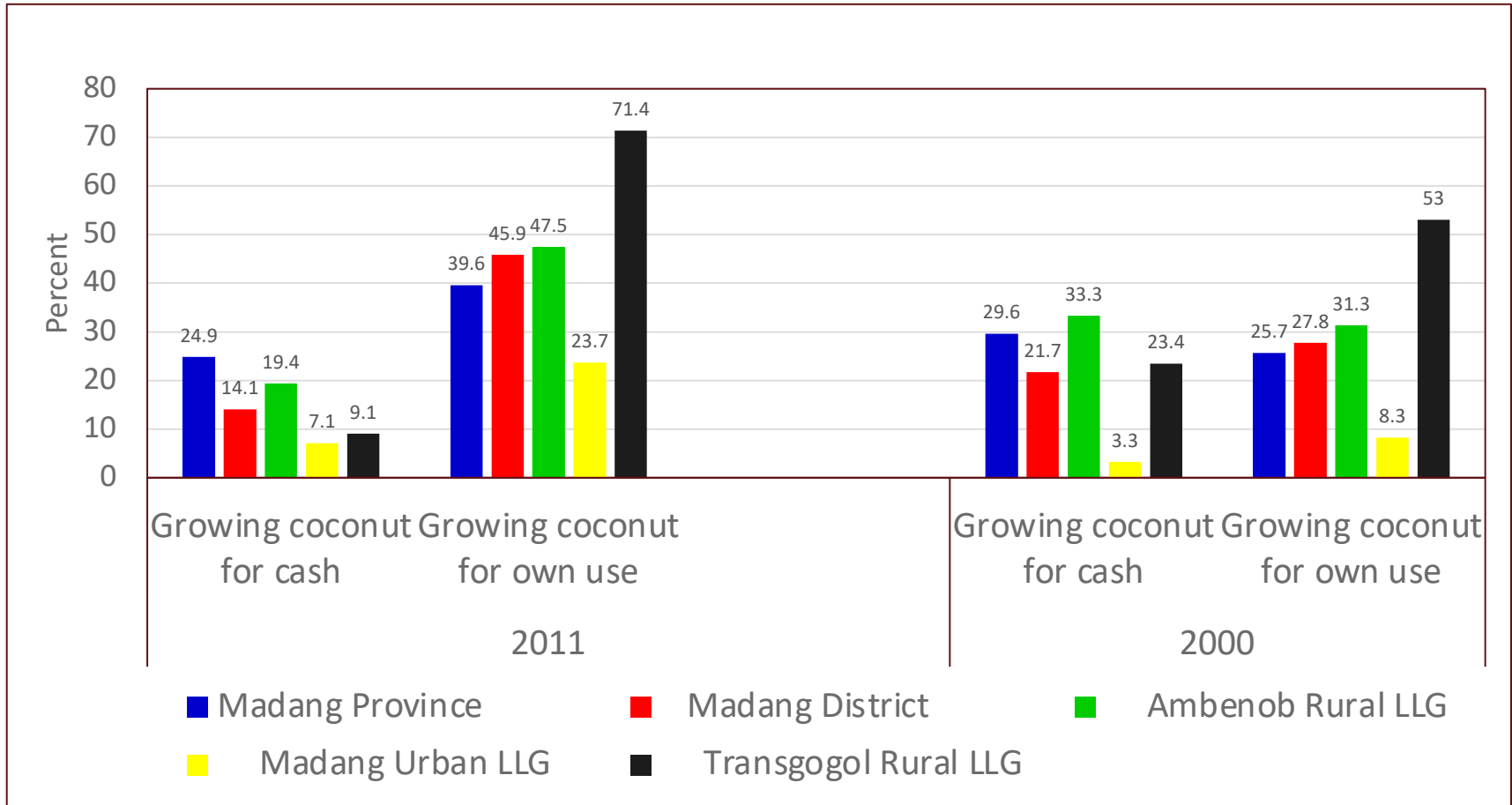
- ❑ Madang District 2011 Census: Population of 110,140, (52% Male)
- ❑ A high proportion (39%) of the population of Madang District, age group 25-64; these were the economically active population, and
- ❑ Other high proportion are in the ages of 0-14; children, and
- ❑ Over 42% of the population of Transgogol are children.

# Chart 1-1: Population Distribution by Geographical Areas in Madang, 2011 census

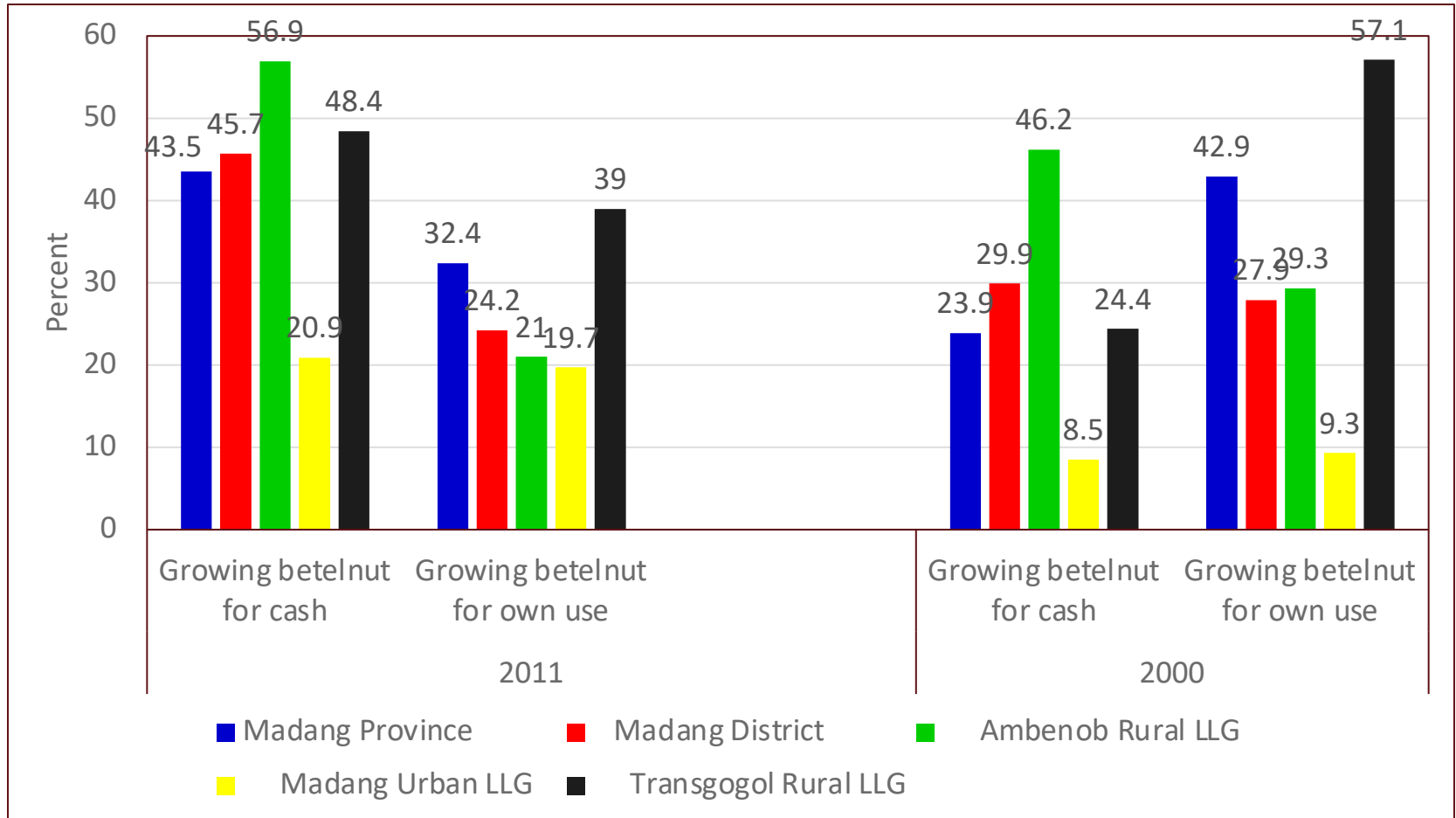
Distribution by Broad Age Group, 2011



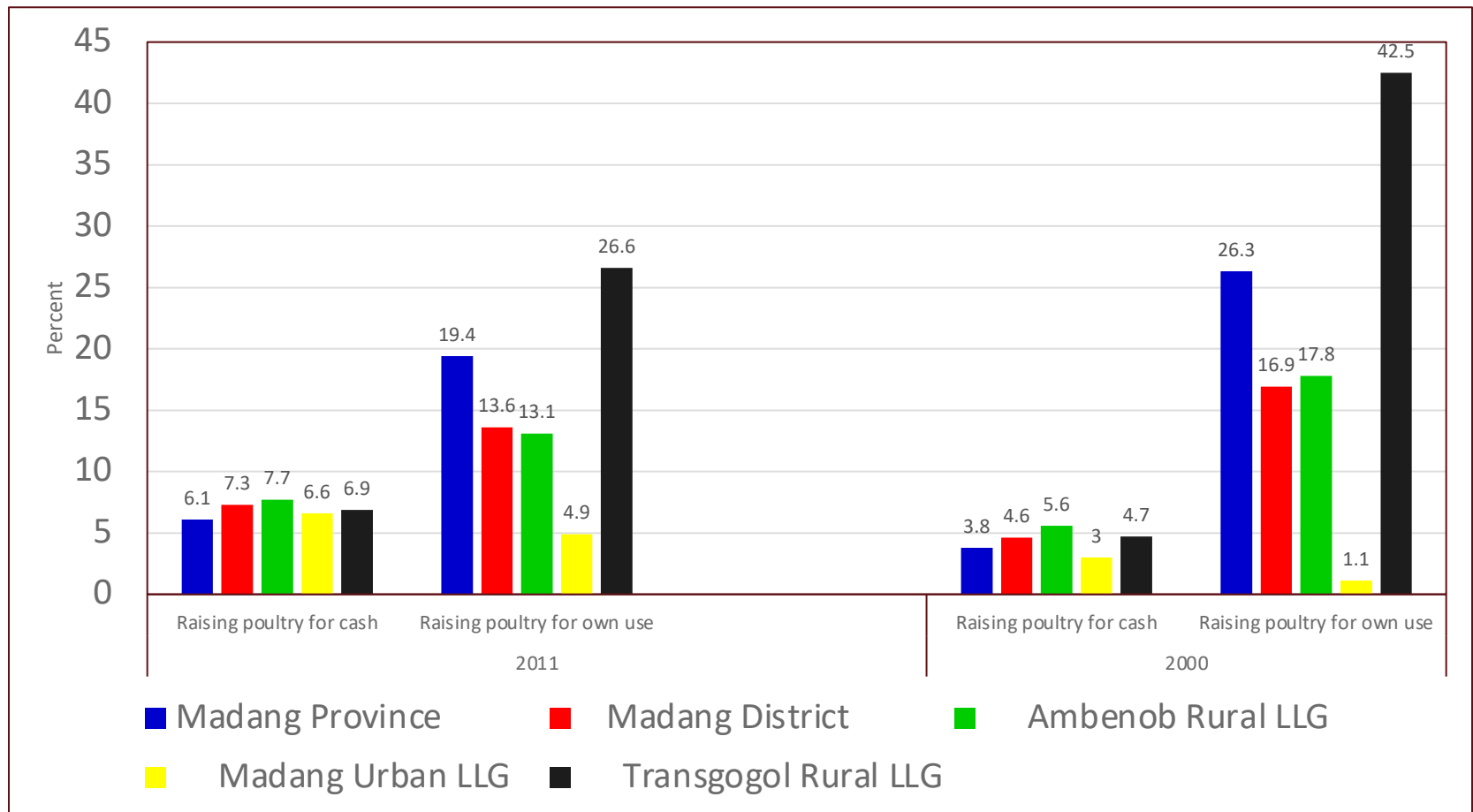
## Chart 8-1: Percent of households in Madang District growing coconut for cash or for own use: 2011 and 2000



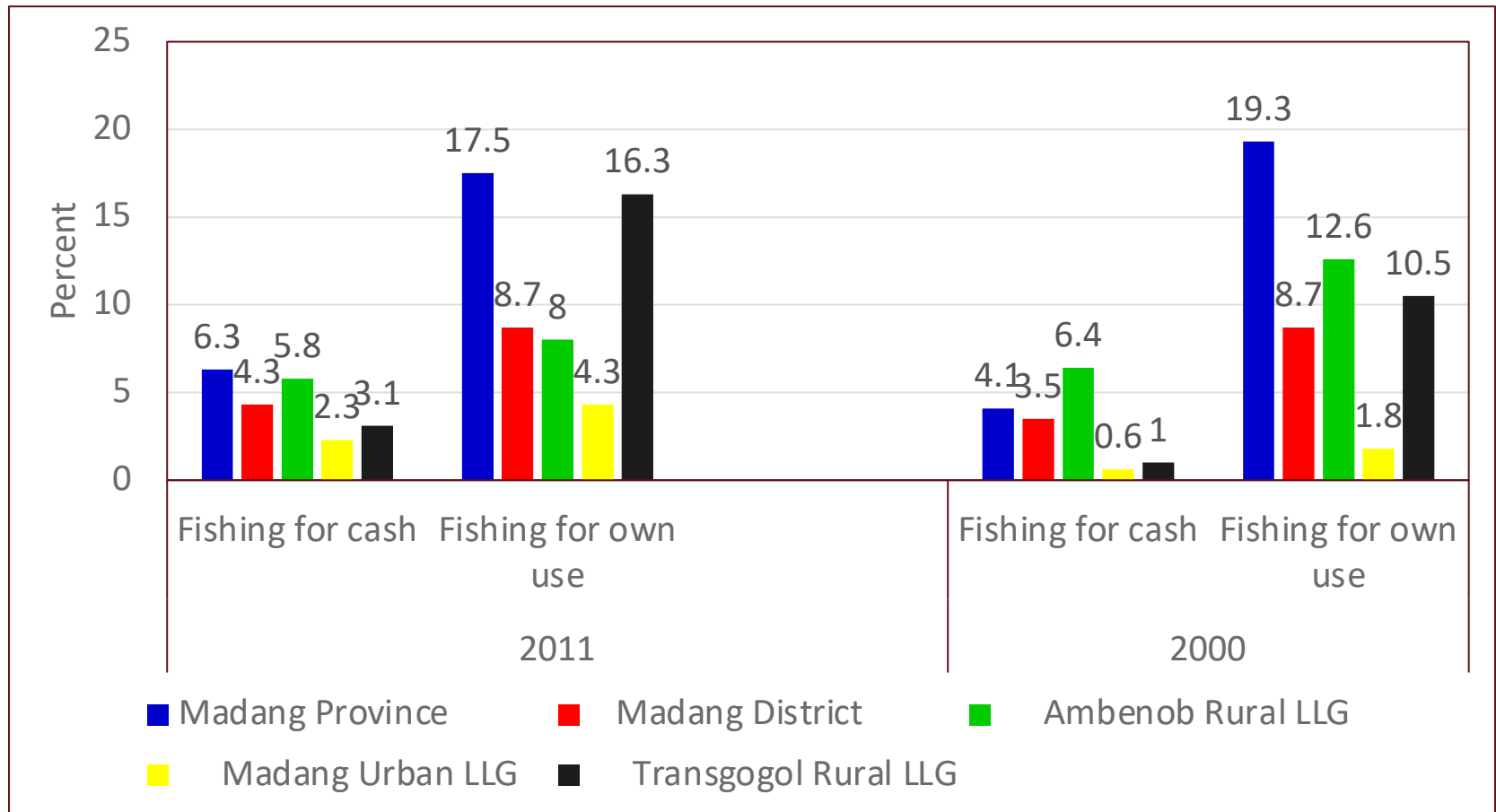
## Chart 9-1: Percent of Households in Madang District growing betel nut for cash or own use: 2011 and 2000 Census



## Chart 11-1: Percent of households in Madang District engaged in raising poultry for cash or for own use: 2011 and 2000 Census



## Chart 12-1: Percent of households in Madang District engaged in fishing for cash or for own use: 2011 and 2000 Census



# Basic information Required for assembling information

---

Data collected will provide number and name of ;

- District
- LLGs
- Wards,
- Type dwelling,
- Number of people in the District and others (Use NSO Act or the CRO Legislation).



# Basic information

---

House characteristics such as;

- Ownership, Renting from, Land ownership,
- Material type used for floor, roof, exterior walls,
- No of rooms for sleeping,
- Source of drinking water,
- Toilet facility, source of cooking energy, source of lighting,
- Growing crops, and Access to ICT items.

Household economic activities;

Growing crops such as cocoa, coffee, raising poultry, livestock, and fishing.

# Basic information cont..

---

Persons main economic activity,

- Employer, employee, unpaid worker in family business and etc.,
- Main occupation,
- Industry

Education,

- School attendance,
- Highest grade completed,

Literacy in,

- English,
- Tok pisin,
- Police Motu



THE NATIONAL  
RESEARCH INSTITUTE  
PAPUA NEW GUINEA

---

*Thank you*

