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Cambodia's Experience in ICT Data Collection

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Background

- Cambodia has a land area of 181,035 Km² in southwestern part of the East Asia peninsular, about 20 percent of which is used for agriculture.
- The country's Capital city is Phnom Penh, which is located in central Cambodia. The International borders are closed to Thailand on the west, the Lao People's Democratic Republic on the north, and the socialist Republic of Vietnam on the east and southeast. The country is bounded on the southwest by the Gulf of Thailand.
- The population size in 2019 about 16,289,270 (Male about 8,014,562 and female 8,274,708)
- The GDP Per capita in 2016 is US\$1,330
- Cambodia Poverty Rate is 13.5% in 2014

Map of Cambodia



Statistical Data Collection

The National Institute of Statistics, Ministry of Planning is the one agency that has the duties for data collection for primary data and secondary data. The primary data has collected from Censuses and Surveys based on statistical law as following:

A. Data Collection for census is made every ten years:

1. General Population Census of Cambodia in 1998, 2008 and 2019
2. Economic Census in 2011
3. Agriculture Census in 2013

B. Surveys:

1. Cambodia Socio-Economic Survey is made yearly
2. Inter-censal Survey every 5 years
3. Demographic and Health Survey every 5 years
4. Other surveys (Labor force, Woman and Child abuse) are also surveyed.

Data Collection for ICT Indicators

- The indicators have input in the Population Census Questionnaire:
 - ✓ Radio/Transistor
 - ✓ Television
 - ✓ Telephone (Fixed phone)
 - ✓ Cell phone
 - ✓ Personal Computer
 - ✓ Household access internet at home
 - ✓ Household access internet outside home
- The indicators have input in the Socio-Economic Survey Questionnaire:
 - ✓ Radio
 - ✓ Television
 - ✓ Video tap recorder/player (VHS/DVD)
 - ✓ Satellite dish
 - ✓ Personal Computer

Data Collection for ICT Indicators (con't)

- The indicators have collected from Ministry of Post and Telecommunication:
 - ✓ Number of mobile phone
 - ✓ Conversation in domestic and international
 - ✓ Number of internet subscriber
 - ✓ Nation optical fiber backbone network

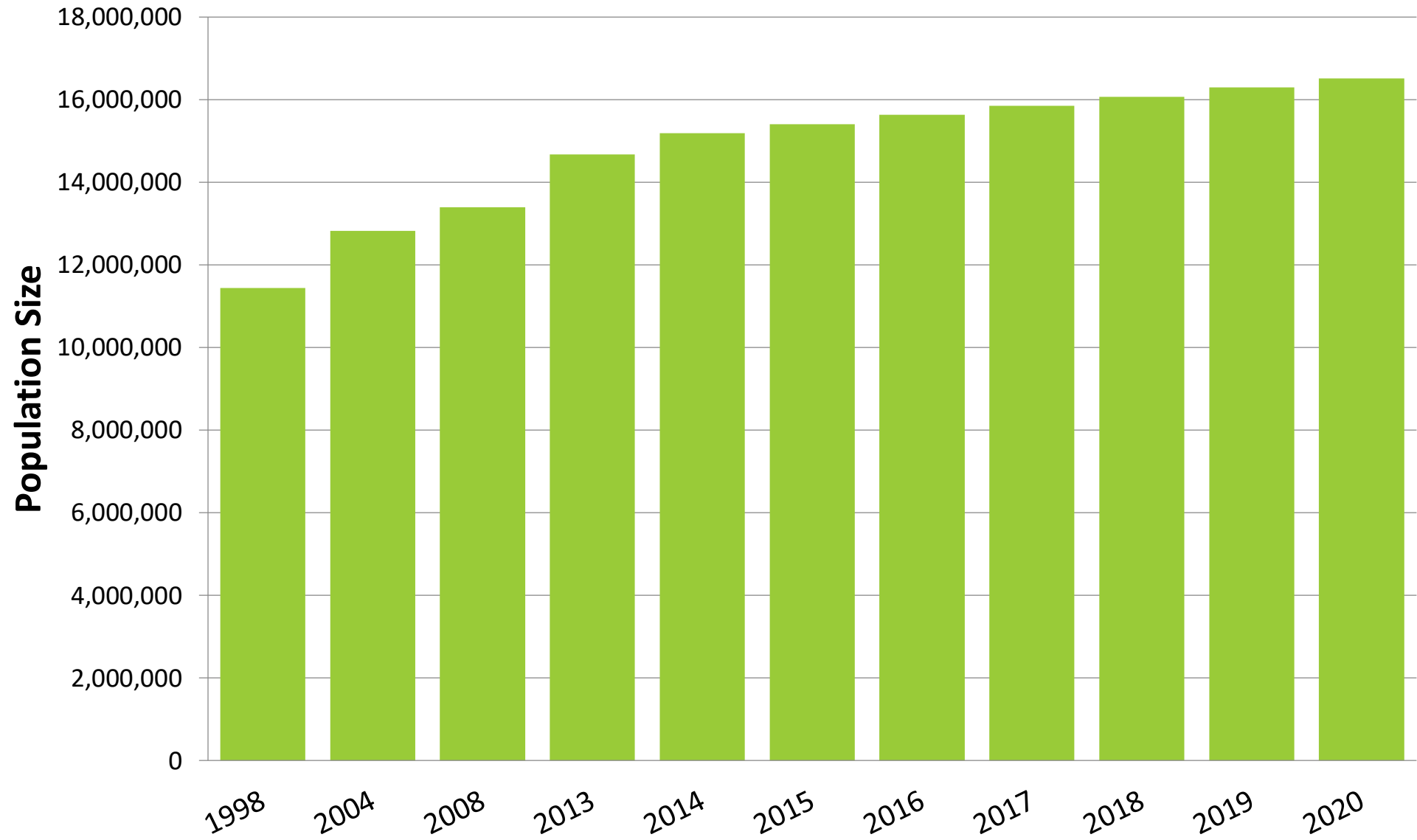
Method used for filling long questionnaire

- Data collected from Population Census 2008
- Population Projection
- Data from Socio-economic Survey
- Data collected from Ministry of Post and Telecommunication
- Real observation by contacting Provincial planning department

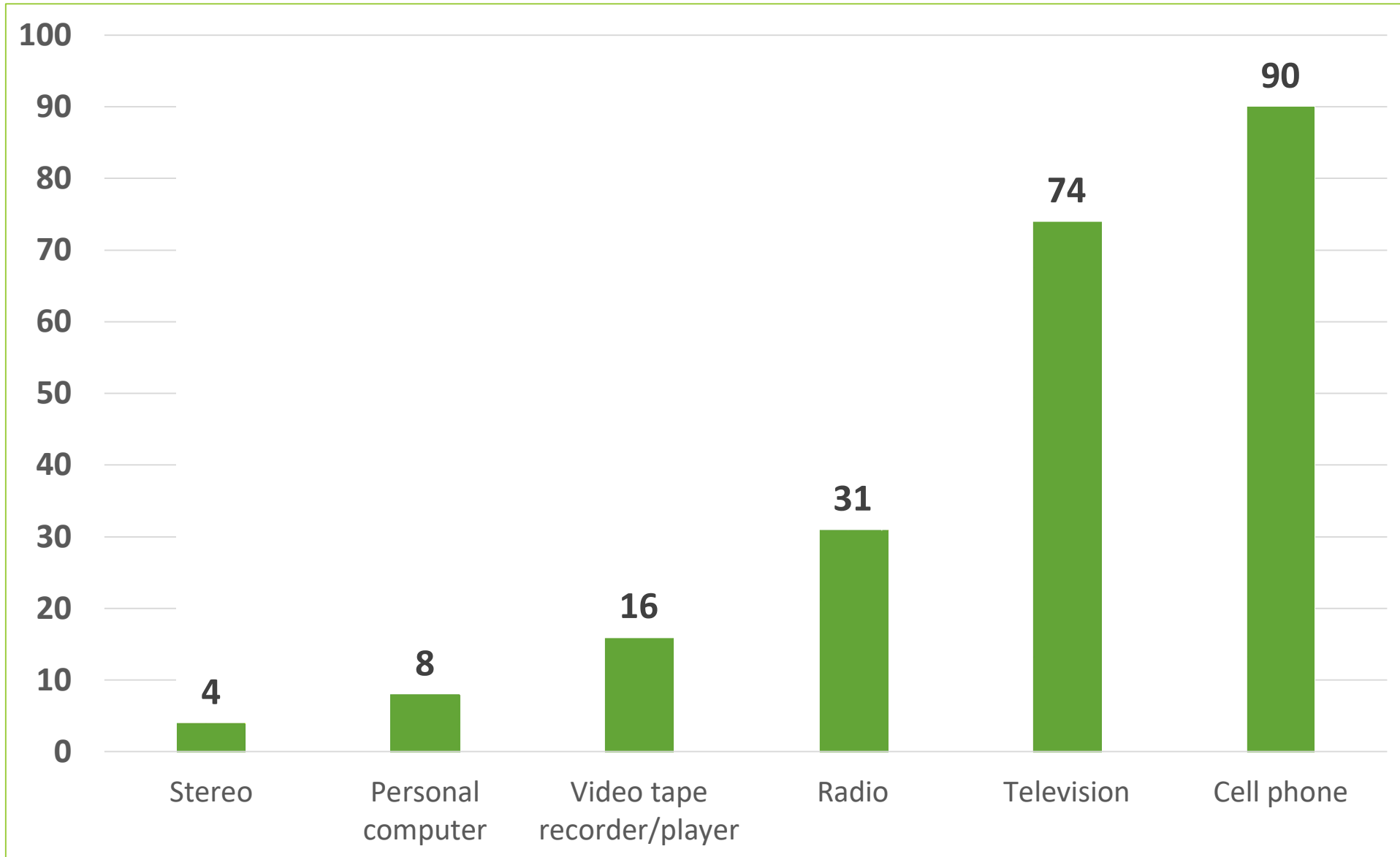
Key ICT Indicators highlighted

- Population Size and Total number of household
- Telecommunication indicators

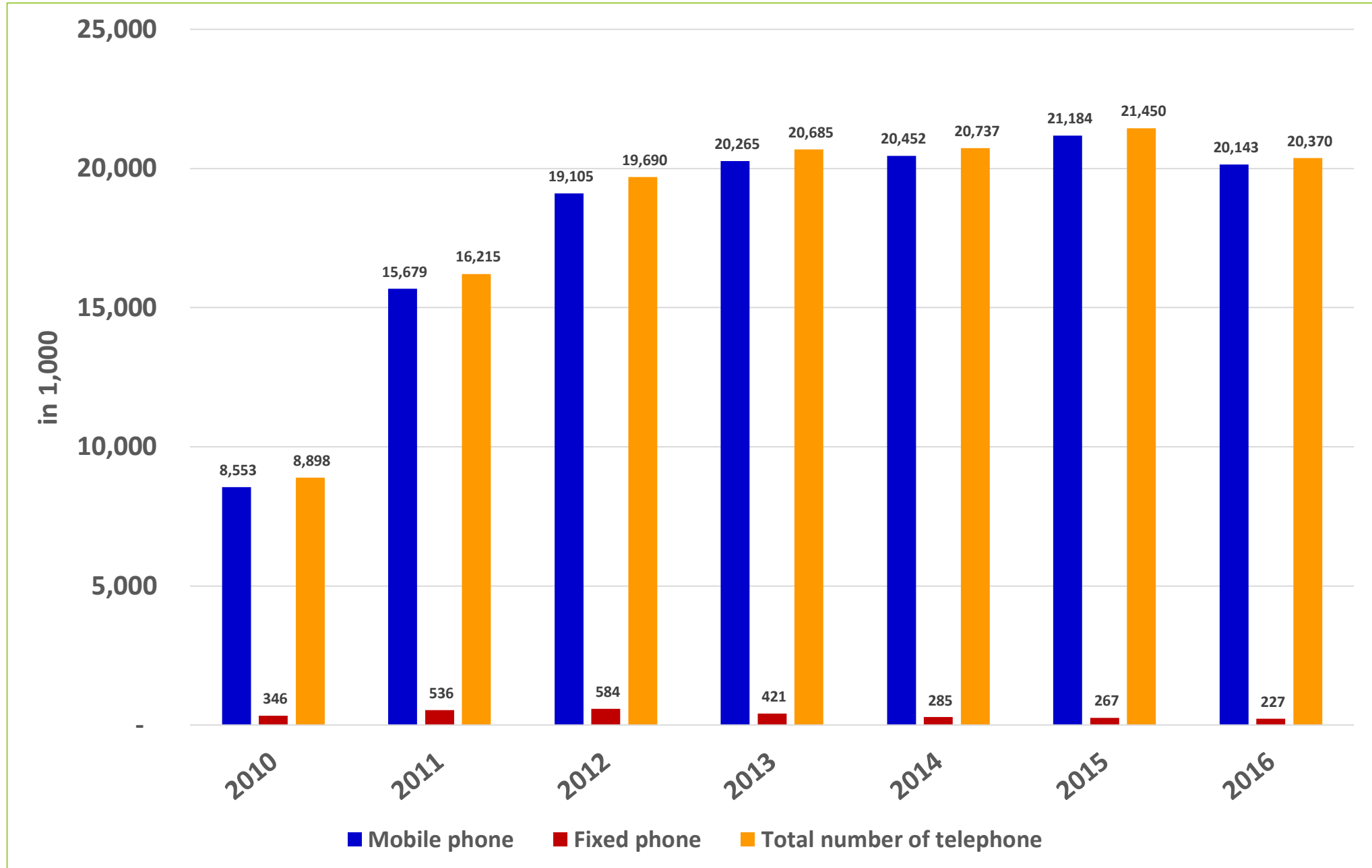
Population size



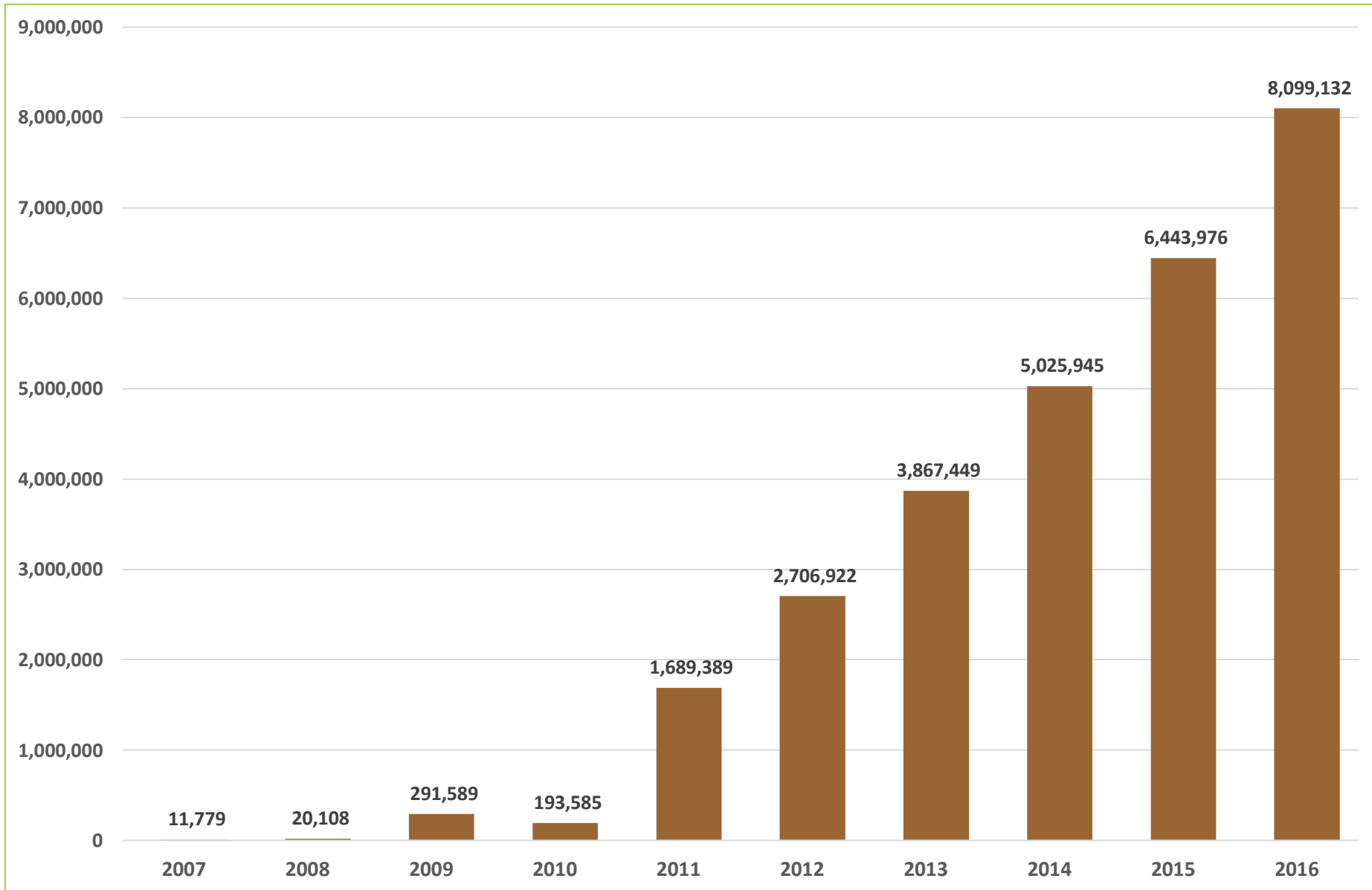
Selected items of durable goods owned by households, 2016. In Percent



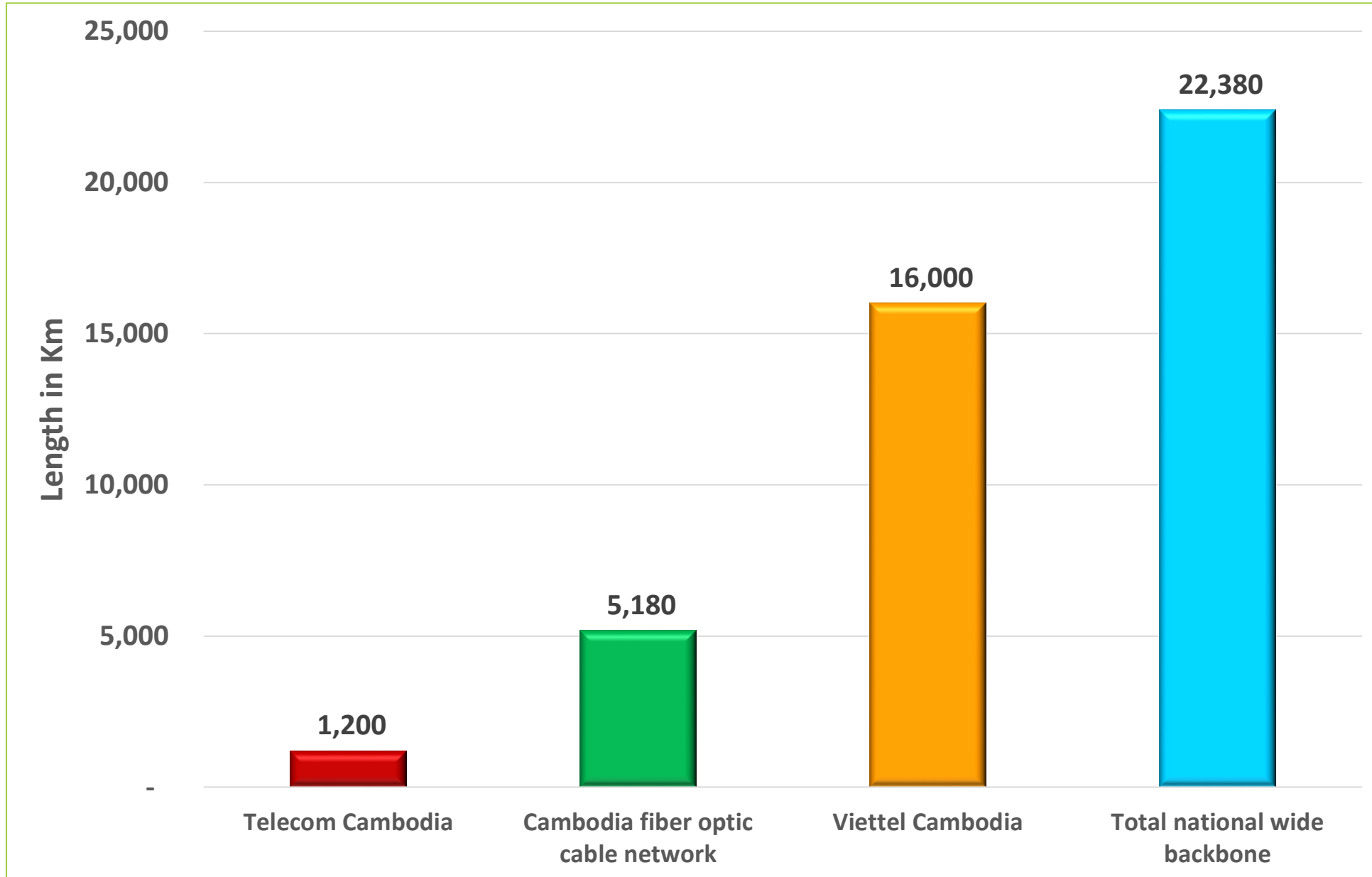
Number of telephones



Internet subscriber



Nation optical fiber backbone network



Challenges

- A few ICT Indicators has been put in the Population Census and Socio-economic survey
- No fund support to conduct the ICT Survey
- Indicators have collected from Census, Survey and Ministry of Post and Telecommunication cannot respond to ITU requested
- Capacity building of staff is limited

Future work

- Need technical assistance and financial support from donors as possible
- Prepare the ICT Survey budget workplan propose to government and other donor
- To insert some core ICT indicators into census or other survey as possible



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Thanks you!