

# WTIS 2020 – ICT STATISTICS IN THE TIME OF COVID-19

## PRODUCING ICT STATISTICS DURING THE PANDEMIC

Winston Oyadomari  
December 3<sup>rd</sup>, 2020



cetic.br

Regional Center for Studies on the  
Development of the Information  
Society under the auspices of UNESCO

nic.br

Brazilian Network  
Information Center

egi.br

Brazilian Internet  
Steering Committee

15  
ANOS

PESQUISAS  
TIC  
—  
15 Years  
ICT Surveys

# ABOUT CETIC.br

The **Regional Center for Studies on the Development of the Information Society** (Cetic.br) has the mission of producing ICT statistics.



United Nations  
Educational, Scientific and  
Cultural Organization

cetic.br

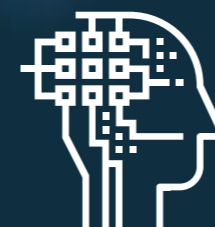
Regional Center for Studies on the  
Development of the Information  
Society under the auspices of UNESCO

nic.br

Brazilian Network  
Information Center

egi.br

Brazilian Internet  
Steering Committee



## 1. KNOWLEDGE CENTER ON ICT-DATA PRODUCTION



- ICT public statistics
- Statistics for the SDGs
- Disaggregated data
- Qualitative studies



## 2. CAPACITY-BUILDING METHODOLOGIES FOR THE PRODUCTION AND USE OF ICT- STATISTICS



## 3. LABORATORY OF IDEAS & METHODOLOGICAL INOVATION



## 4. MEASUREMENT OF IMPACTS OF ICT IN SOCIETY, PRODUCTION OF STRATEGIC RECOMENDATIONS & POLICY BRIEFS



# ICT DATA & STATISTICS PRODUCTION CAPACITY-BUILDING IN SURVEY METHODOLOGIES

## INTERNATIONAL FRAMEWORKS



## ICT STAND-ALONE SURVEYS

### INDIVIDUALS

- ❑ HOUSEHOLDS & INDIVIDUALS
- ❑ KIDS ONLINE (RIGHTS & PROTECTION)

### ORGANIZATIONS

- ❑ EDUCATION
- ❑ HEALTH
- ❑ CULTURE
- ❑ ENTERPRISES
- ❑ GOVERNMENT
- ❑ CIVIL SOCIETY ORGANIZATIONS
- ❑ ISP PROVIDERS
- ❑ PUBLIC ACCESS CENTERS

15  
ANOS  
...  
PESQUISAS  
TIC  
—  
15 Years  
ICT Surveys

## PUBLIC POLICIES & INTERNATIONAL AGENDA

- ❑ Digital Inclusion (*Households, Individuals, Enterprises, Government*)
- ❑ Broadband Access
- ❑ Electronic Government
- ❑ ICT in Education
- ❑ ICT in Health
- ❑ ICT in Culture
- ❑ eLAC 2018
- ❑ SDGs & WSIS

# CETIC.BR'S ICT PROJECTS

## DATA COLLECTION METHODS

### Annual ICT Surveys

- Households **F2F**
- Kids Online **F2F**
- Education **F2F**
- Health **CATI**

### Biennial ICT Surveys

- Enterprises **CATI**
- E-government **CATI**
- Cultural Facilities **CATI**
- Non-Governmental Organizations **CATI**

### Triennial ICT Surveys

- Internet Service Providers **CAWI/CATI**
- Public Access Centers **CAWI/CATI**

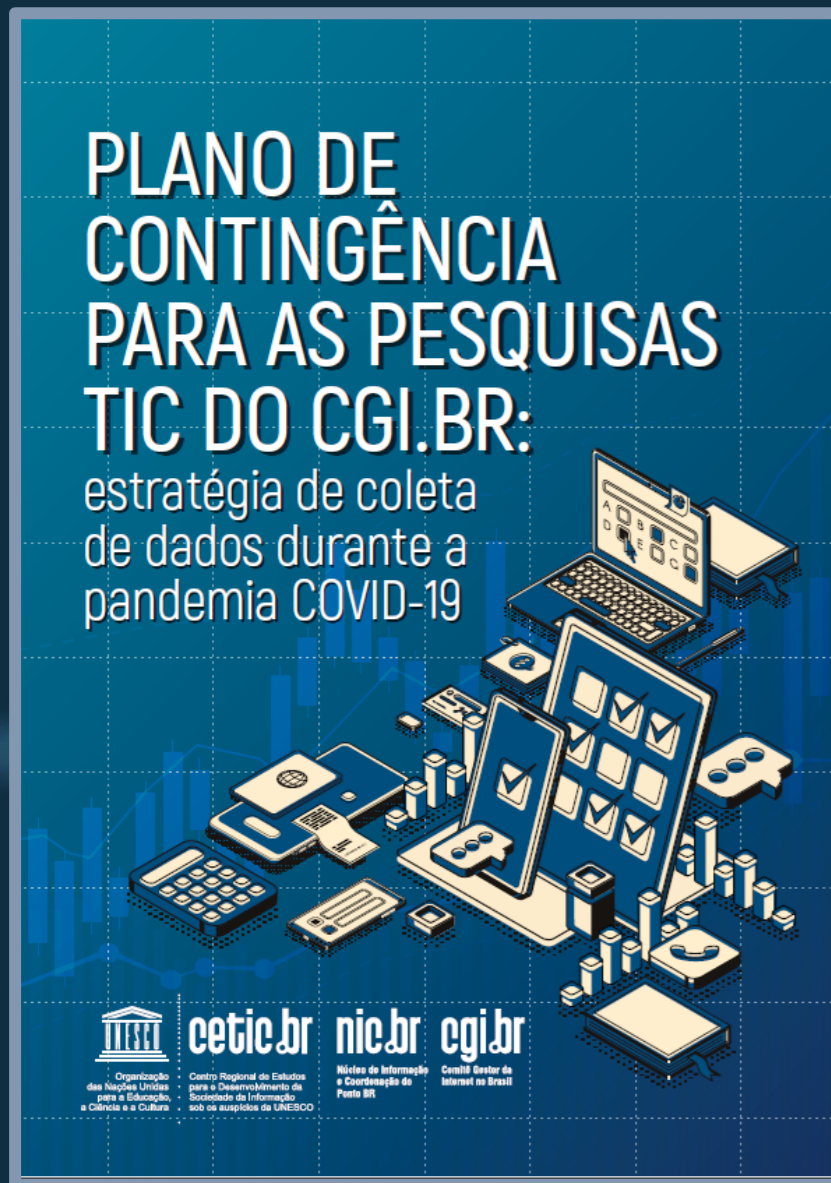


# CONTINGENCY PLAN FOR THE PANDEMIC

○ Households	<b>CATI</b>	<b>REDUCED SCOPE</b>
○ Kids Online	<b>CATI</b>	<b>REDUCED SCOPE</b>
○ Education	<b>CATI</b>	<b>REDUCED SCOPE</b>
○ Health	<b>CATI</b>	<b>ADJOURNED</b>

○ Enterprises	<b>CATI</b>	<b>NOT IN 2020</b>
○ E-government	<b>CATI</b>	<b>NOT IN 2020</b>
○ Cultural Facilities	<b>CATI</b>	<b>EXTENDED</b>
○ Non-Governmental Organizations	<b>CATI</b>	<b>ADJOURNED</b>

○ Internet Service Providers	<b>CAWI/CATI</b>	<b>EXTENDED</b>
○ Public Access Centers	<b>CAWI/CATI</b>	<b>NOT IN 2020</b>



# COVID-19 PANEL: INNOVATION IN ICT USAGE STATISTICS RELATED TO THE PANDEMIC

## ICT COVID-19 WEB PANEL SURVEYS




 Internet Activities

 Culture

 E-Commerce

 E-Government

 E-Health

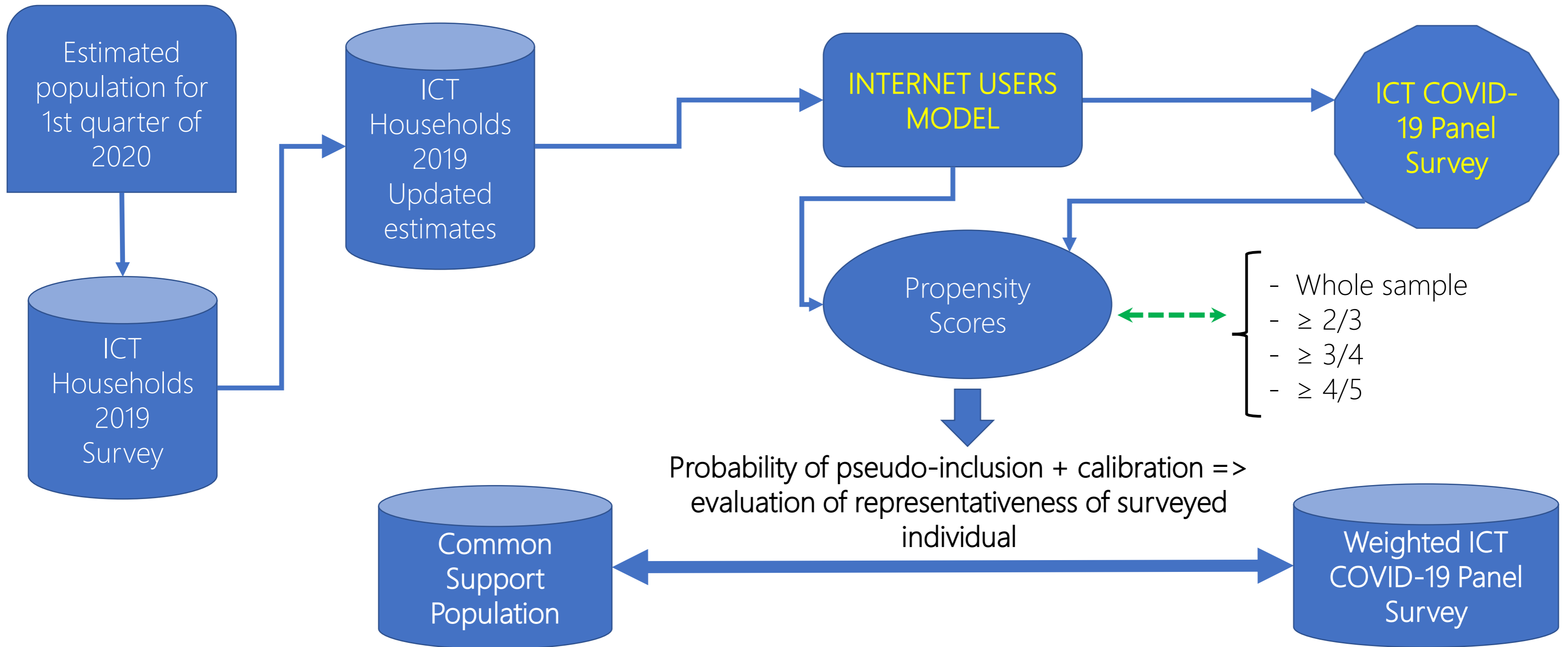
 Privacy

 Remote Education

 Remote Work

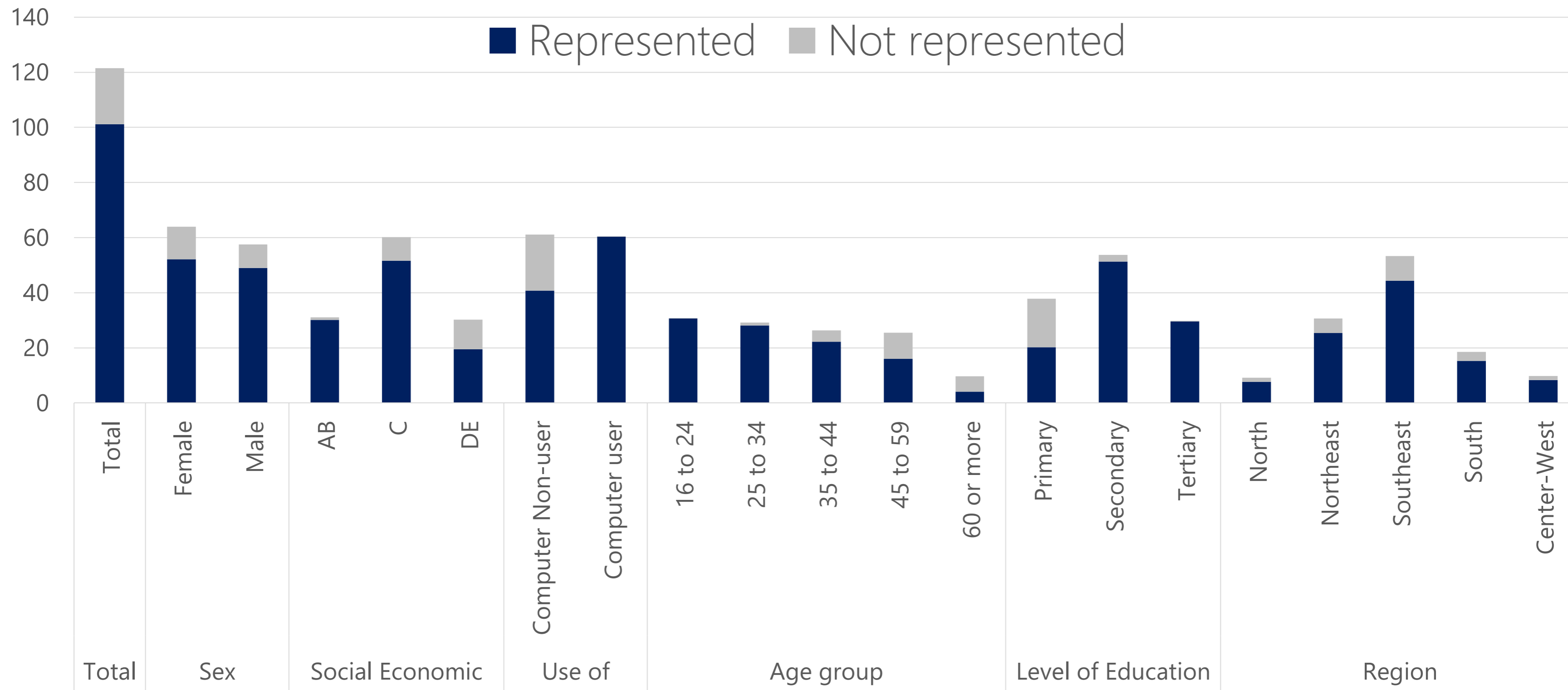


# ICT COVID-19 WEB PANEL METHODOLOGY



# ICT COVID-19 WEB PANEL REPRESENTATIVENESS

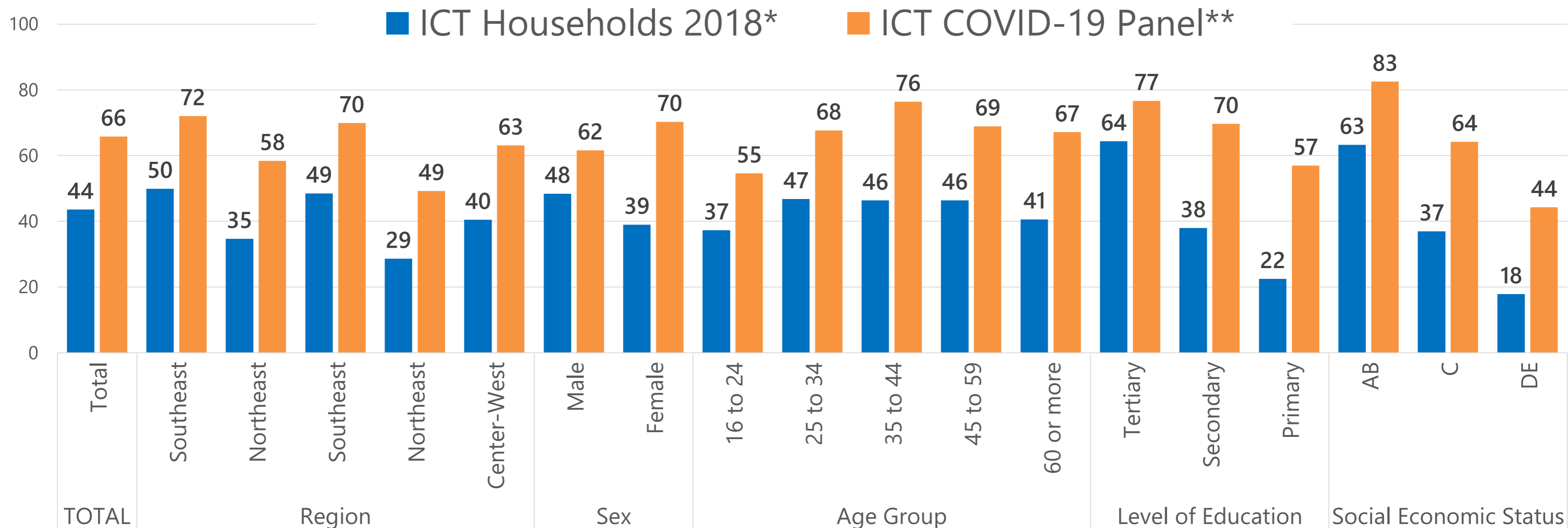
## ESTIMATED POPULATION IN MILLIONS





# PURCHASING GOODS OR SERVICES ONLINE

## INTERNET USERS 16 OR OLDER (%)

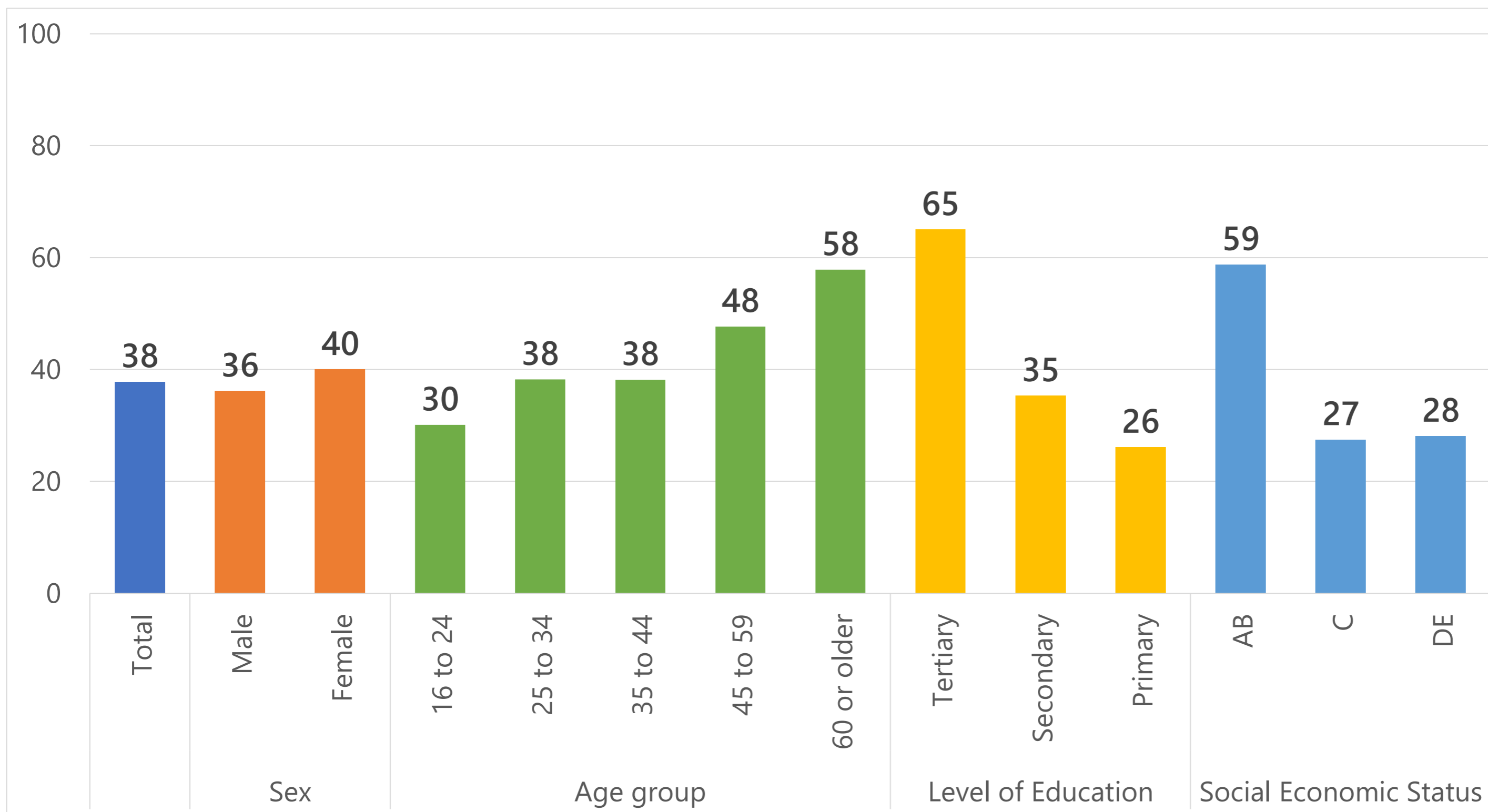


\* Updated estimate based on the represented population.

\*\* Different reference period: 12 months in ICT Households and 3 months in ICT COVID-19 Panel.

# WORKING REMOTELY DURING THE PANDEMIC

## INTERNET USERS 16 OR OLDER THAT WORKED AT LEAST ONE HOUR (%)



**DEVICE MOST USED FOR WORK PURPOSES:**

SOCIAL ECONOMIC STATUS AB  
**77%**  
COMPUTER

SOCIAL ECONOMIC STATUS DE  
**84%**  
MOBILE PHONE



Спасибо!

Merci!

Obrigado!

winston@nic.br

Thank you!

شكر!

iGracias!

谢谢!



United Nations  
Educational, Scientific and  
Cultural Organization

cetic.br

Regional Center for Studies on the  
Development of the Information  
Society under the auspices of UNESCO

nic.br

Brazilian Network  
Information Center

egi.br

Brazilian Internet  
Steering Committee