



**NATIONAL
STATISTICS OFFICE
OF MONGOLIA**



**GOVERNMENT OF
MONGOLIA**

**MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS**

RESEARCH ON INFORMATION, COMMUNICATION AND TECHNOLOGY USE OF HOUSEHOLD AND POPULATION

**NSO
2021**



CONTENT





PURPOSE, PRIORITY

RESEARCH PURPOSE

- Creating basic information on the use of ICT by households regarding population of Mongolia
- Determining the infrastructure of the ICT industry, its availability, use, and development indicators
- Establish international and regional benchmarks (SDGs)

PRIORITY

- Assessing the implementation and effectiveness of sector policies and programs
- Determining the impact of information technology on social and economic development
- In private sector business planning

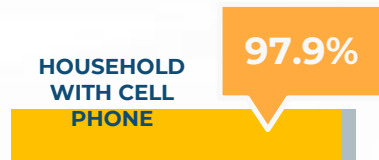
METHODOLOGY

- Methodology of the International Telecommunication Organization
- State and regional level representation (5297 households, 9144 people aged 15 and over, from 21 provinces)
- Proportional probability sampling method
- CATI (Computer Assisted Telephone Interview)





HOUSEHOLD INDICATORS



Ulaanbaatar	98.2
West	98.6
Tuv aimag	98.1
Khangai	97.3
East	96.7



Ulaanbaatar	13.9
West	5.7
Tuv aimag	5.7
Khangai	4.8
East	3.8



Ulaanbaatar	93.2
West	77.8
Tuv aimag	69.6
Khangai	68.1
East	64.1



Ulaanbaatar	44.7
West	30.2
Tuv aimag	24.1
Khangai	20.4
East	20.4

AVERAGE HOUSEHOLD COSTS FOR INFORMATION AND COMMUNICATION TECHNOLOGY PRODUCTS AND SERVICES, last 3 months

246.1 мянган төгрөг

Ulaanbaatar	295.9
West	228.8
Tuv aimag	205.4
Khangai	201.2
East	196.2



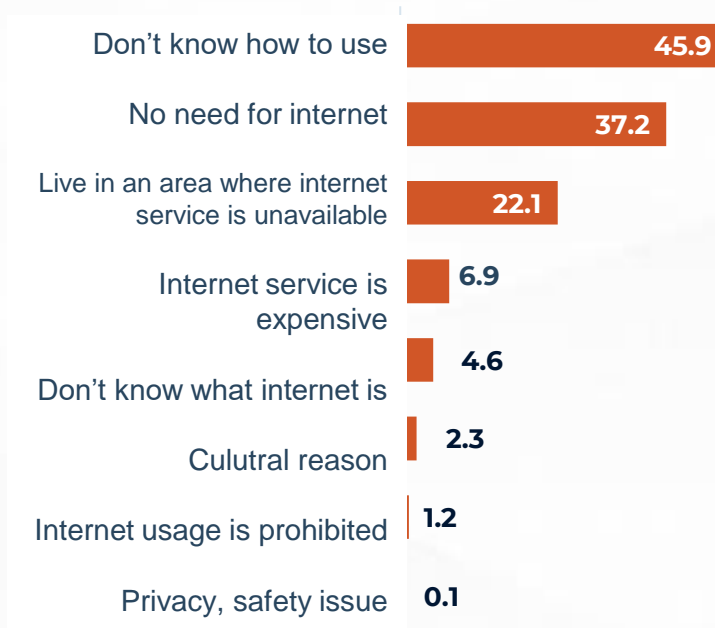
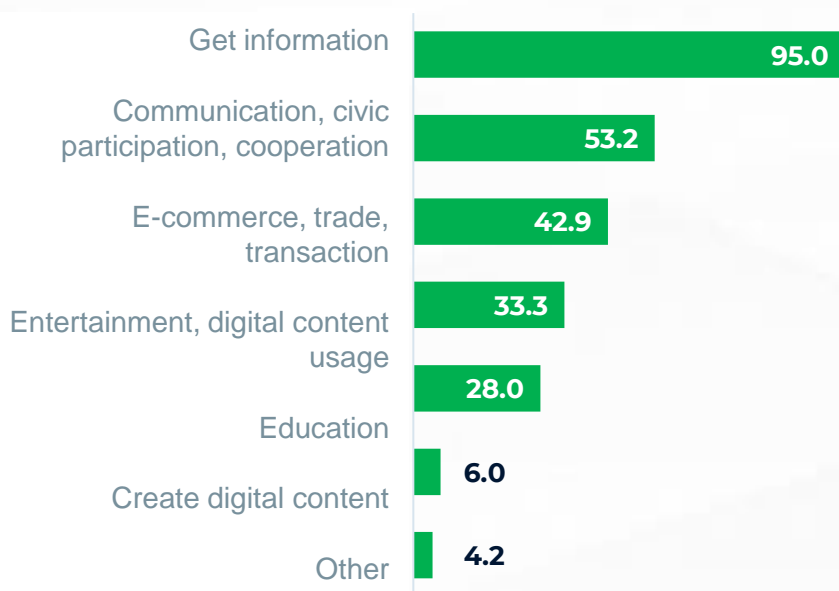


NATIONAL
STATISTICS OFFICE
OF MONGOLIA

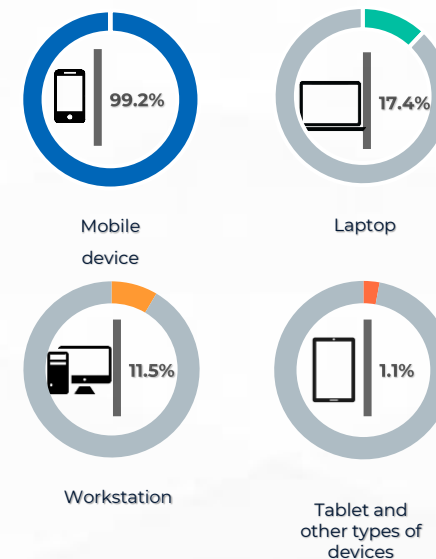


MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS

INTERNET USAGE



Device used to connect to the Internet:





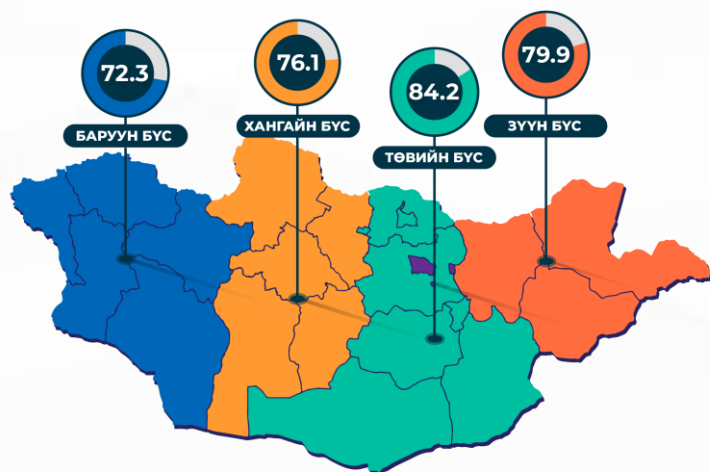
NATIONAL
STATISTICS OFFICE
OF MONGOLIA



MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS

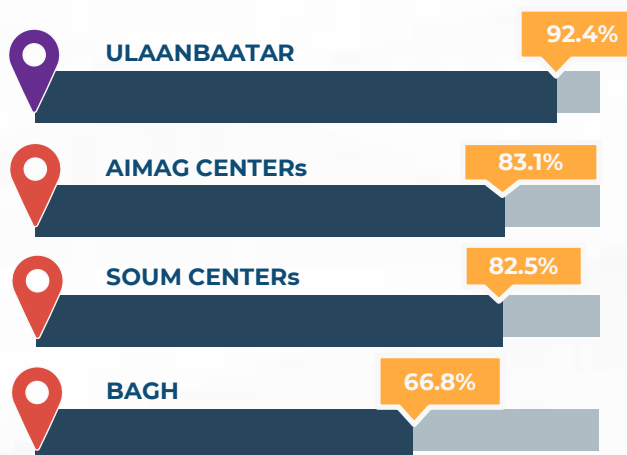
INTERNET USAGE

REGION:

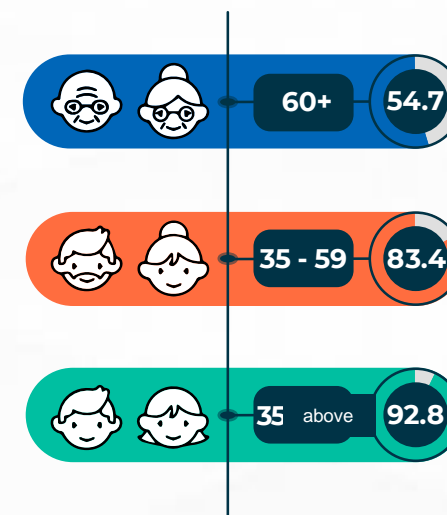


- West region (blue)
- Khangai region (orange)
- Central region (green)
- East region (coral)

Location:



Age:





ҮНДЭСНИЙ
СТАТИСТИКИЙН
ХОРОО

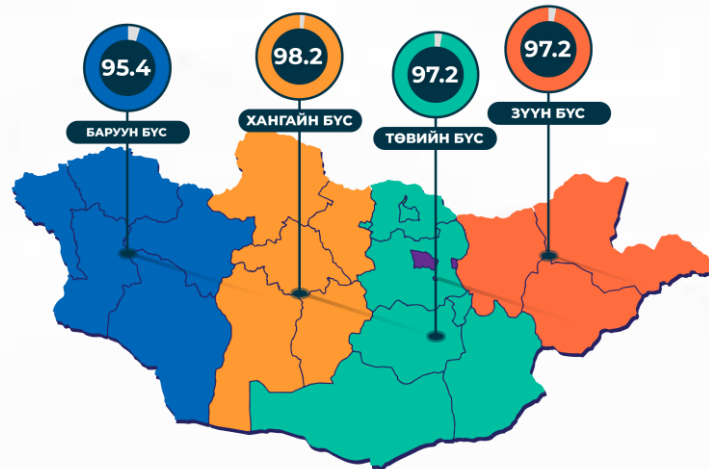


ЦАХИМ ХӨГЖИЛ,
ХАРИЛЦАА ХОЛБООНЫ ЯАМ

CELLULAR COMMUNICATION

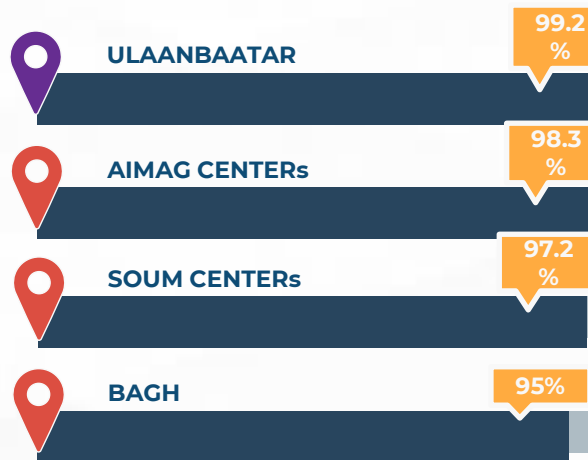
98% of Mongolian citizens over 15 years of age have used a cell phone in the last 3 months.

REGION:

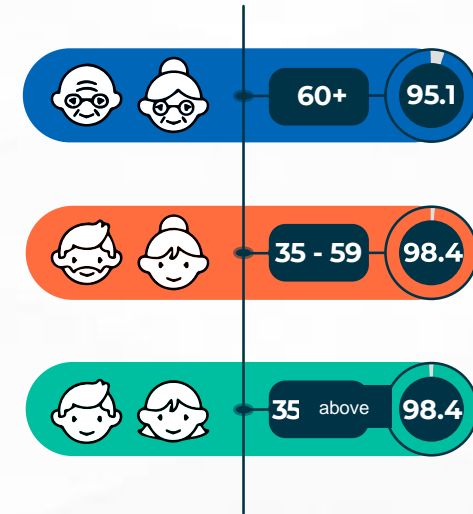


- West region (blue)
- Khangai region (orange)
- Central region (green)
- East region (coral)

LOCATION:



AGE:





ҮНДЭСНИЙ
СТАТИСТИКИЙН
ХОРОО

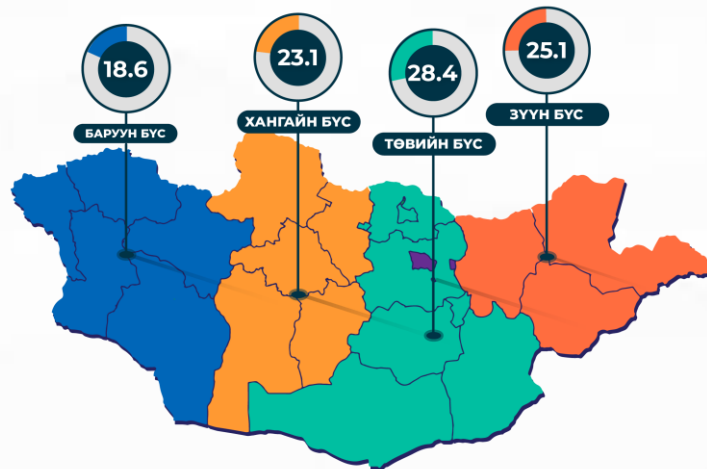


ЦАХИМ ХӨГЖИЛ,
ХАРИЛЦАА ХОЛБООНЫ ЯАМ

E-COMMERCE

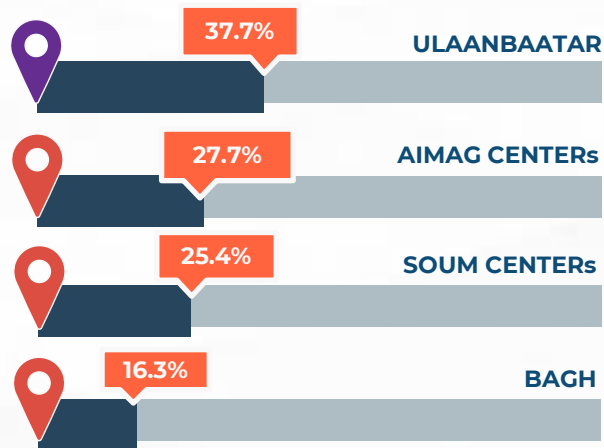
29.9% of Mongolian citizens over the age of 15 chose e-commerce.

REGION :

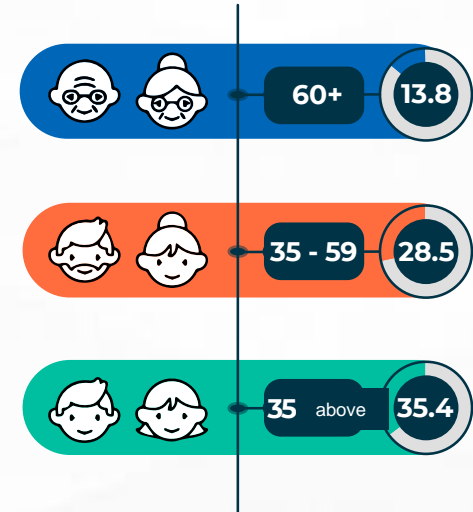


- West region (blue)
- Khangai region (orange)
- Central region (green)
- East region (coral)

LOCATION :



AGE :





NATIONAL
STATISTICS OFFICE
OF MONGOLIA



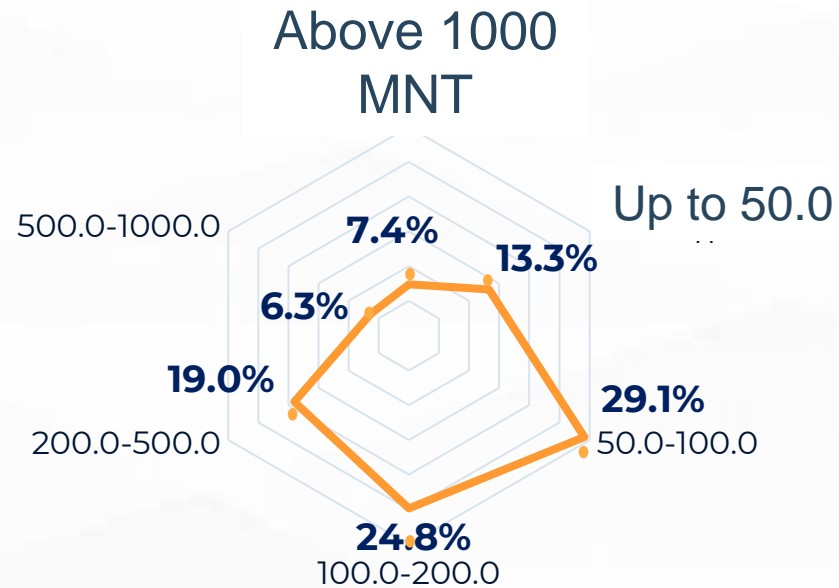
MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS

E-TRADE

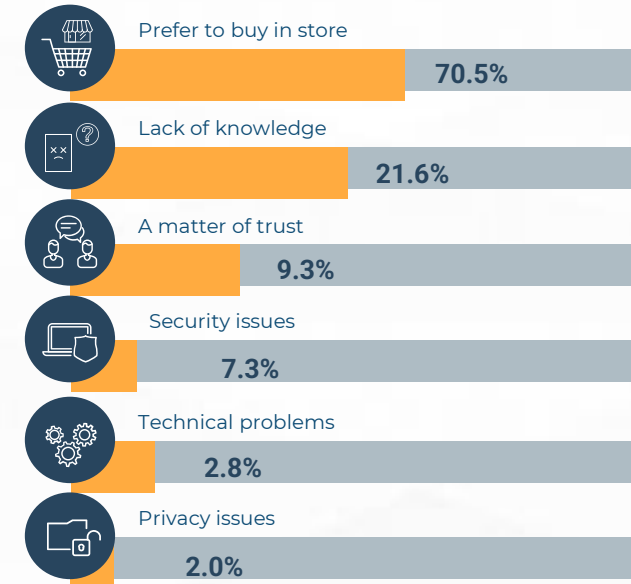
Type of product or service purchased



Expenditure on products and services



Reasons for not choosing e-commerce





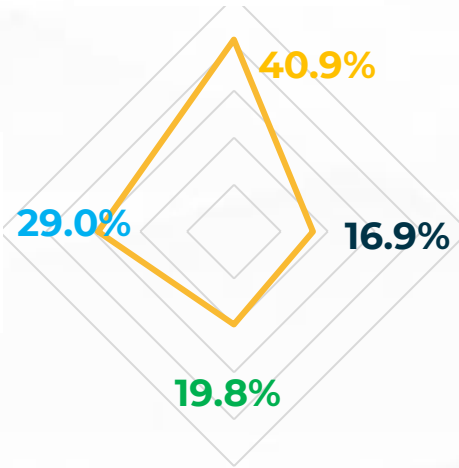
NATIONAL
STATISTICS OFFICE
OF MONGOLIA



MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS

INFORMATION SKILLS

Search for
information
about goods
and services



Get information
from
government
websites

Copying and
transferring of
data and
information in
the digital
environment

Save files
on internet

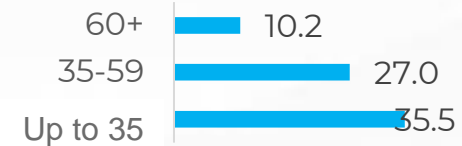
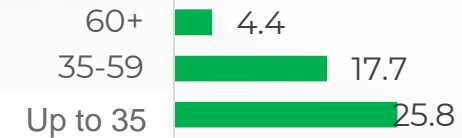
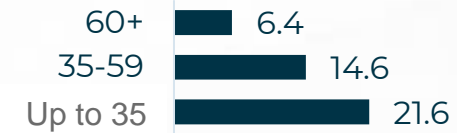
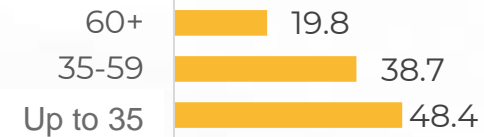
Find information
about goods and
services

Copy and transfer
of data and
information in
digital
environment

File storage in the
Internet
environment

Get information
from the website of
the state
administrative
organization

Age



Rural

City

31.1% 44.4%

12.4% 18.4%

10.8% 23.0%

20.4% 32.0%



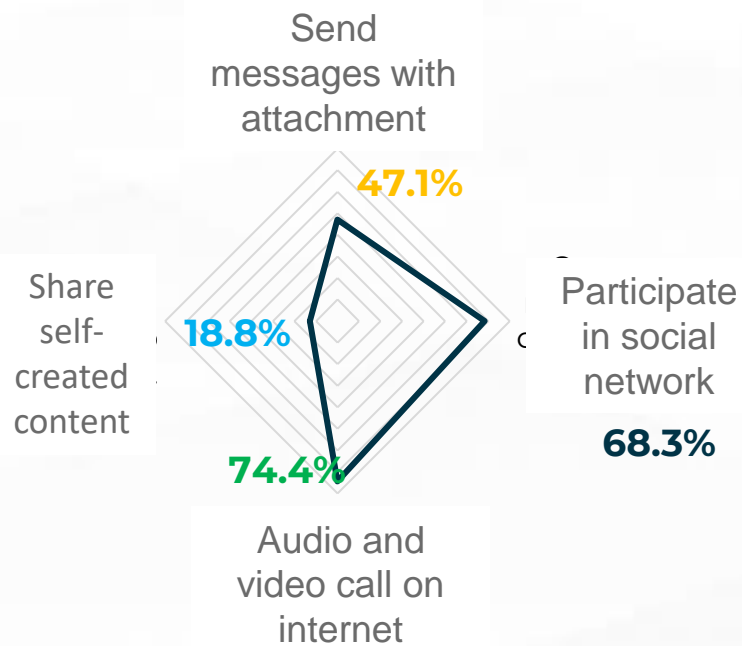


NATIONAL
STATISTICS OFFICE
OF MONGOLIA



MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS

COMMUNICATION SKILLS

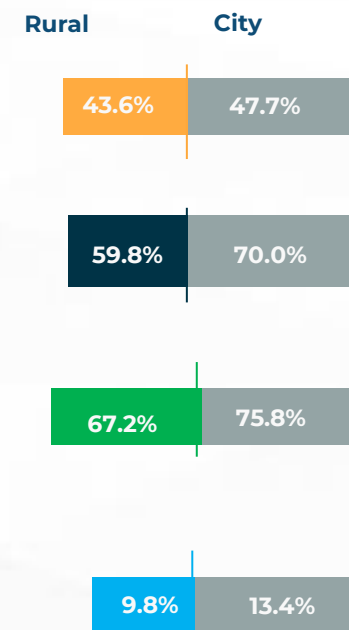
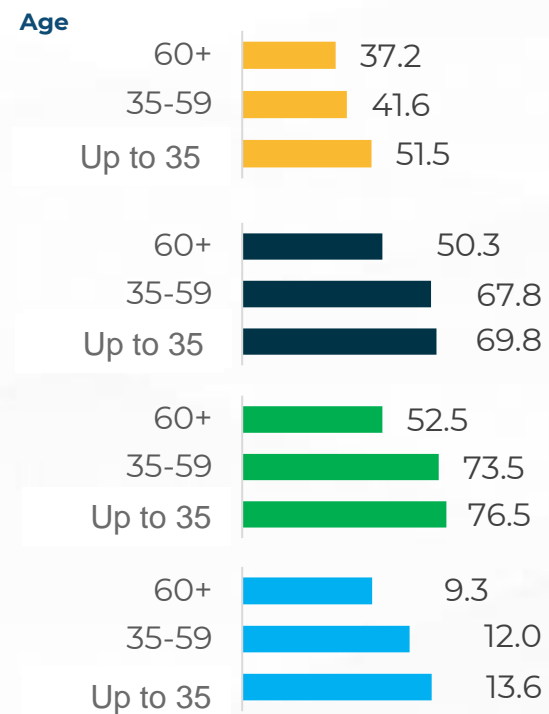


Send messages with attached files

Participate in social networks

Make phone calls and video calls over the Internet

Share your own content and upload it to your website



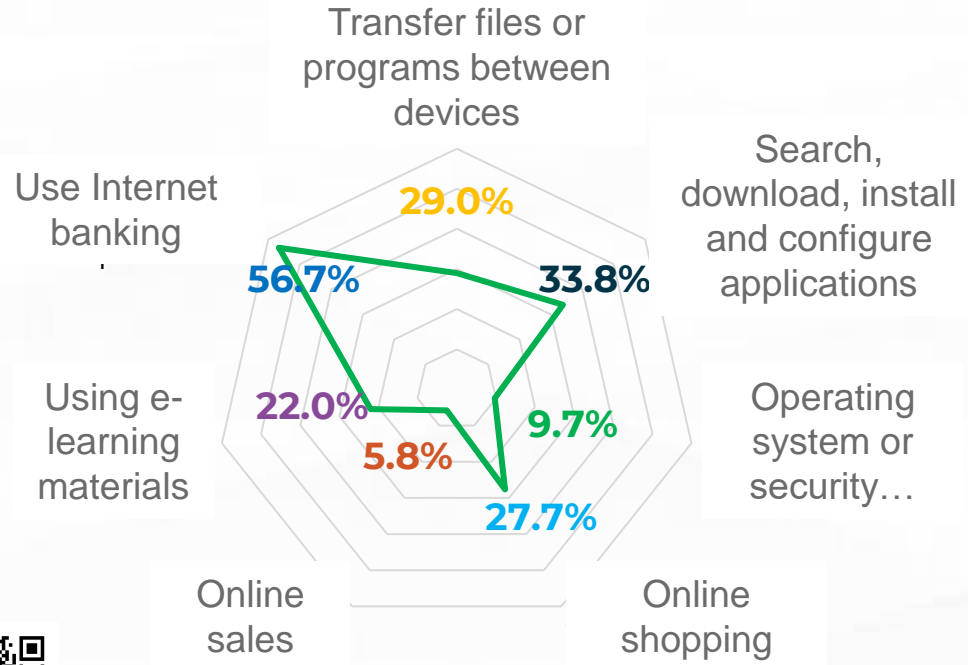


NATIONAL
STATISTICS OFFICE
OF MONGOLIA



MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS

PROBLEM SOLVING SKILLS

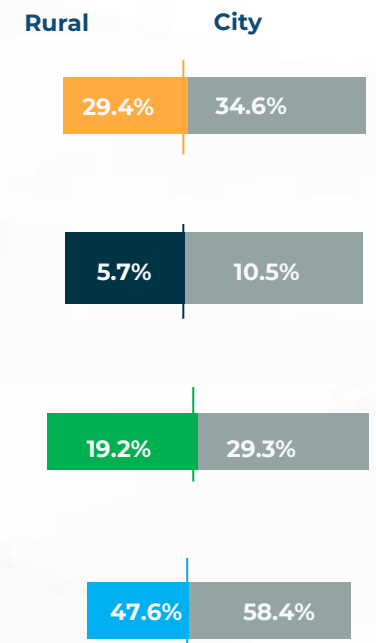
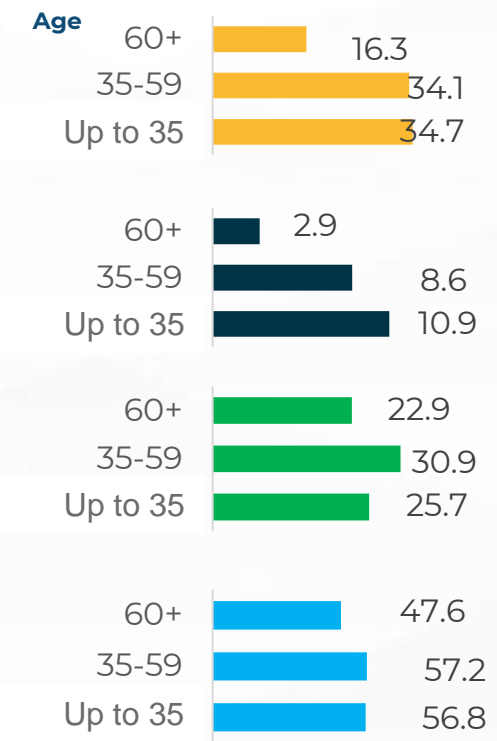


Search, download, install and configure programs

Change operating system and security program settings

Online shopping

Use Internet banking





NATIONAL
STATISTICS OFFICE
OF MONGOLIA



MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS

SOFTWARE SKILLS

Create electronic presentations with presentation software

Use word processing software

Use software to edit images, video and audio files

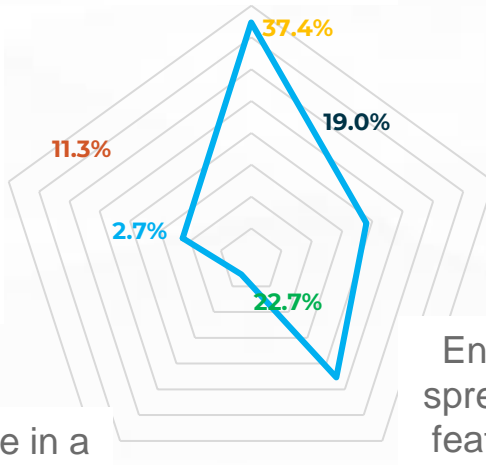
Enhanced spreadsheet features for organizing and analyzing data

Use word processing software

Use software to edit images, video or audio files

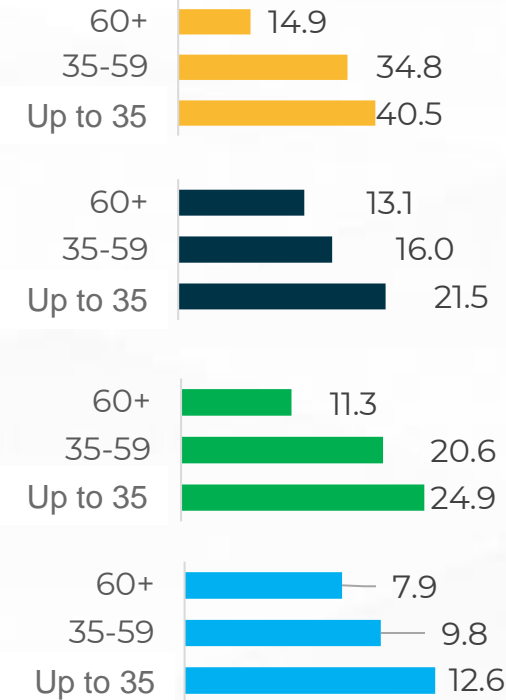
Use advanced spreadsheet features to organize and analyze data

Write code in a programming language



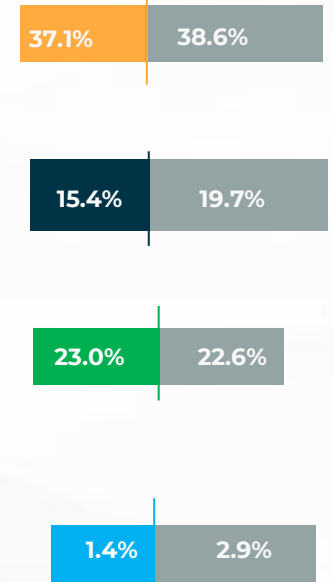
Write code in a programming language

Age



Rural

City





NATIONAL
STATISTICS OFFICE
OF MONGOLIA

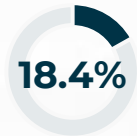


MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS

SAFETY SKILLS



Set up effective security measures to protect devices and online accounts



Check the reliability of information obtained online

Age



Rural

City

8.3%

15.9%

12.6%

21.3%





**NATIONAL
STATISTICS OFFICE
OF MONGOLIA**



**GOVERNMENT OF
MONGOLIA**
**MINISTRY OF DIGITAL
DEVELOPMENT AND COMMUNICATIONS**

THANK YOU FOR YOUR
ATTENTION