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ICT usage in Montenegro in 2018

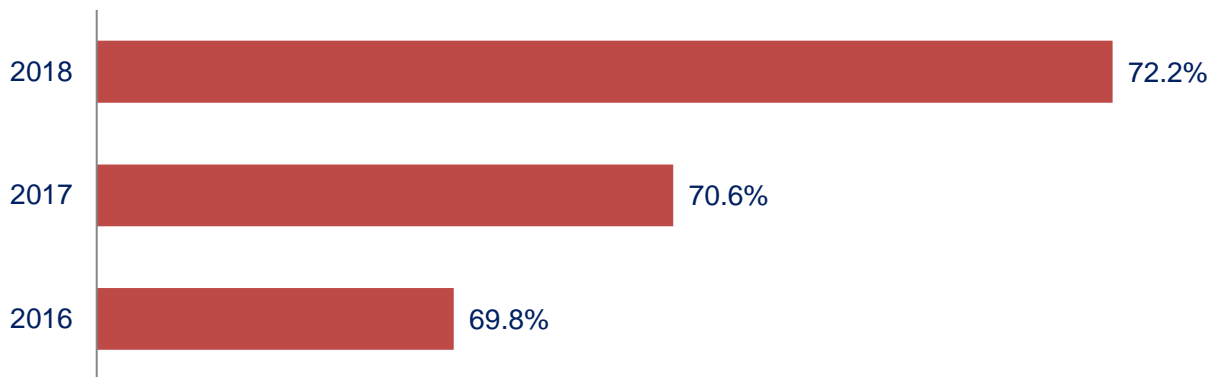
Households

ICT¹ usage survey which is conducted in households in accordance with the Eurostat methodology covers households with at least one member aged between 16 and 74 years.

In Montenegro, there are 72.2% of surveyed households having reported Internet access in house.

Proportion of households with computers is increase for 1.6% in relation to previous year.

Graph 1: Internet access in house



¹ICT - Information and communication technologies

The Internet access in households is done by some of devices, such as personal computer (PC) – 46.6%, portable computer (laptop, netbook, tablet) – 65.0%. In addition to the mentioned devices for Internet access, also used other mobile devices, handheld computer (palmtop, PDA), play stations, etc.

Table 1: Devices for Internet access, (in %)
(Respondents could give more than one answer)

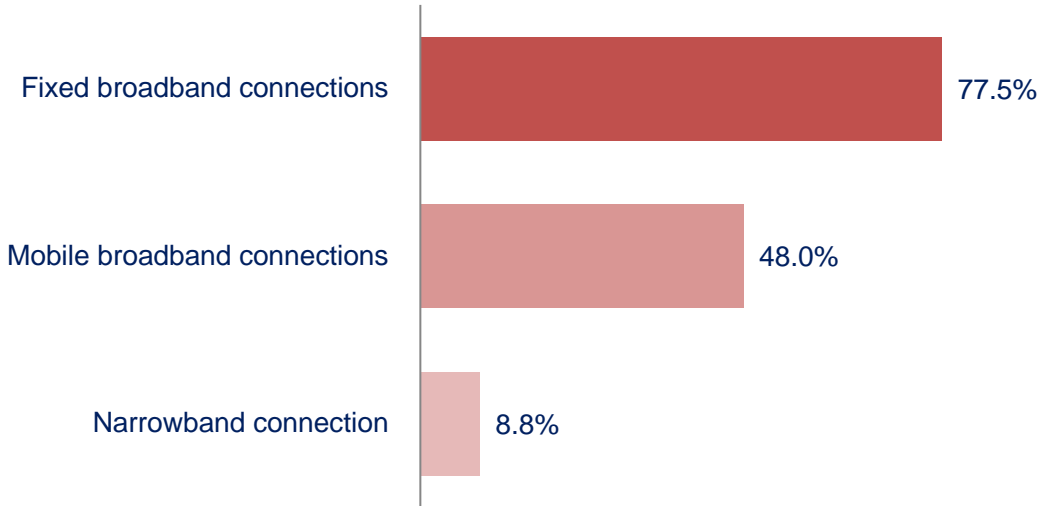
Devices in households	2018	2017	2016
Personal computer (PC)	46.6	56.4	68.9
Laptop, netbook, tablet	65.0	64.0	58.4
Mobile phone	79.2	68.9	55.2

Constant and significant growth in terms of usage of mobile devices as Internet access platforms was recorded. In comparison with 2017 the growth of 10.3% was recorded. Also in comparison with 2017, the growth of 1% was recorded in terms of laptop and tablet usage as Internet access devices.

In regards with the type of Internet access, i.e. Internet connection households were allowed to select several answers. Fixed broadband connections (DSL, ADSL, VDSL, cable, optical fiber, satellite, public Wi-Fi connections) used 77.5%. Mobile broadband connections (via mobile phone network, at least 3G) used 48.0% and 8.8% used narrowband connection (dial-up modem, ISDN, less than 3G).

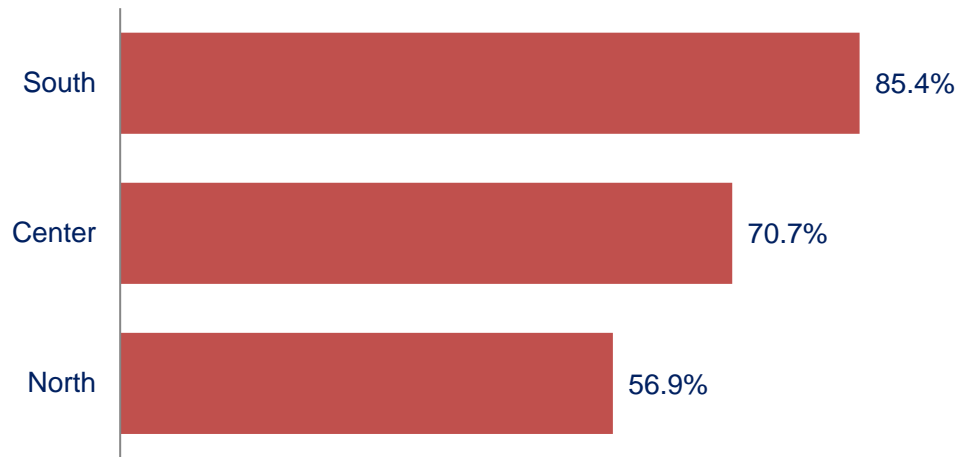
Percent of households which use mobile broadband connections type is increased for 1.9% compared to the previous year.

Graph 2: Type of Internet connection
(respondents could give more than one answer)



Percentage of households that do not have Internet access at home was 27.0%. Percent of households which do not have Internet access at home is decreased for 1.1% compared to the previous year. Internet use in households differs in comparison with territorial unity. Thus, computer use is the lowest in North region 56.9%, while it is the highest in South region 85.4%.

Graph 3: Internet use in households by territory



Internet access in the areas that are not urban type is 60.9%, while in the settlements of urban type is higher Internet 76.3%.

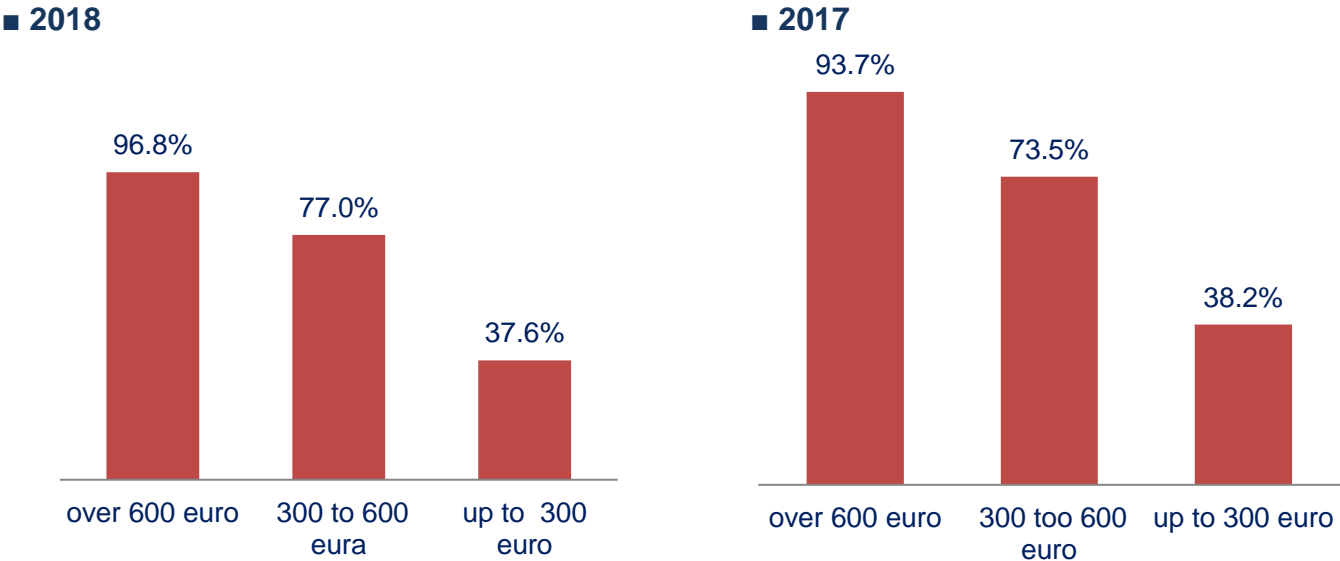
Internet access in house in the areas that are not urban type increased by 1.2% compared to the previous year.

Table 2: Internet access in house, (in %)

Type of settlement	Montenegro	
	2018	2017
Urban	76.3	76.0
Rural	60.9	59.7
Montenegro	72.2	70.6

The results show that the income growth directly affects the growth in number of households that have the Internet access.

Graph 4: Households that possess computer and Internet connection by average monthly income of household



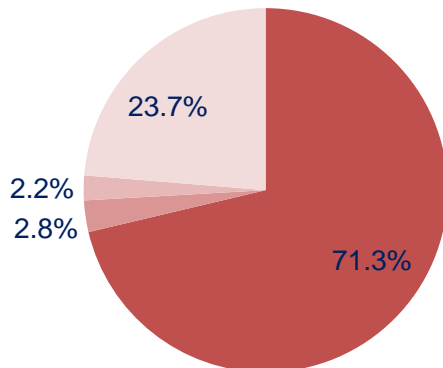
Persons

ICT usage survey which is conducted in households in accordance with the Eurostat methodology covers persons between 16 and 74 years old.

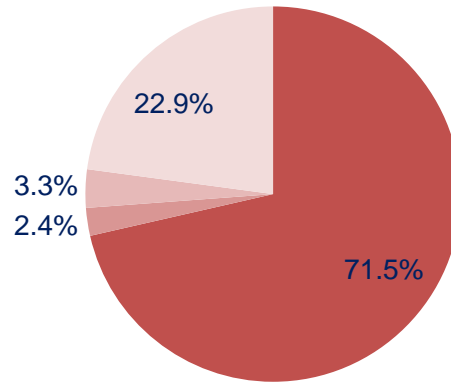
Number of persons which in the last three months used the Internet is 71.5%. Whereas there are 87.6% of those used Internet every day or almost every day, and 10.9% of persons use Internet at least once a week.

Graph 5: Persons that have used the Internet

2017



2018



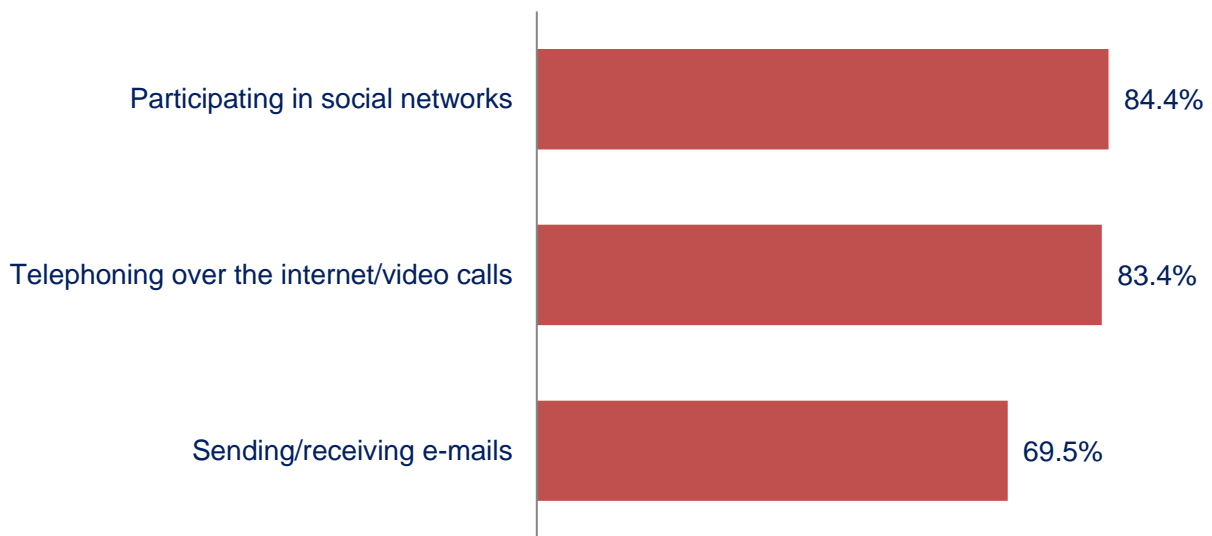
■ Within the last 3 months ■ More than 3 months ■ More than 1 year ago ■ Never

Table 3: Internet users by age groups and sex, (in %)
(refer to the people who used the Internet in the last three months)

Based on the data in Table 5, those who stated that they use the Internet, usually do that every day or almost every day. Percentage of Internet use every day or almost every day is higher in men and is 88.2%, while 86.9% of women.

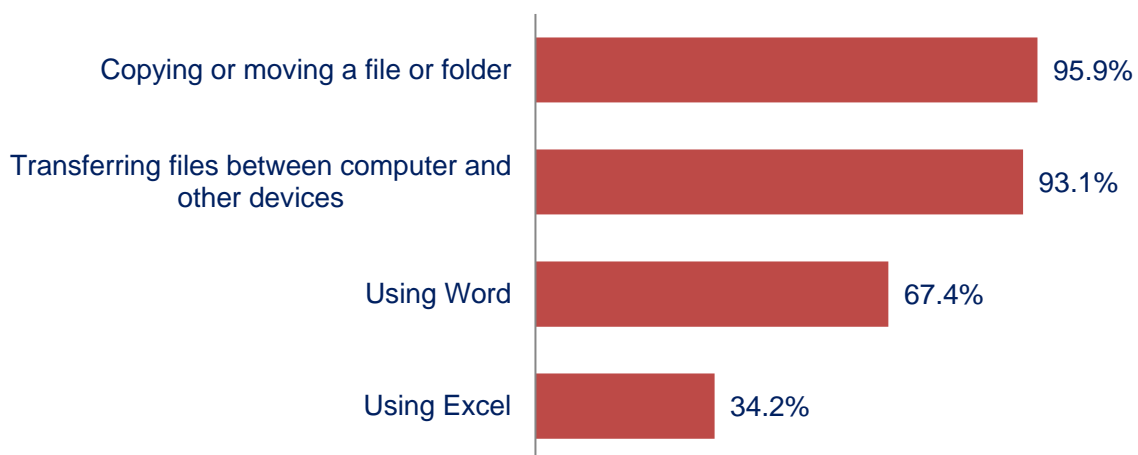
Internet usage	Godine starosti						Gender		Total
	16-24	25-34	35-44	45-54	55-64	65-74	Male	Female	
Every day or almost every day	94.8	97.2	86.5	78.6	77.0	73.0	88.2	86.9	87.6
At least once a week	5.2	2.8	11.3	19.7	20.0	19.1	9.8	12.3	10.9
Less than once a week	0.0	0.0	2.2	1.7	2.9	8.0	1.9	0.8	1.4

Graph 6: For which of the following activities did you use the internet in the last three months (for private purpose)?
(respondents could give more than one answer)



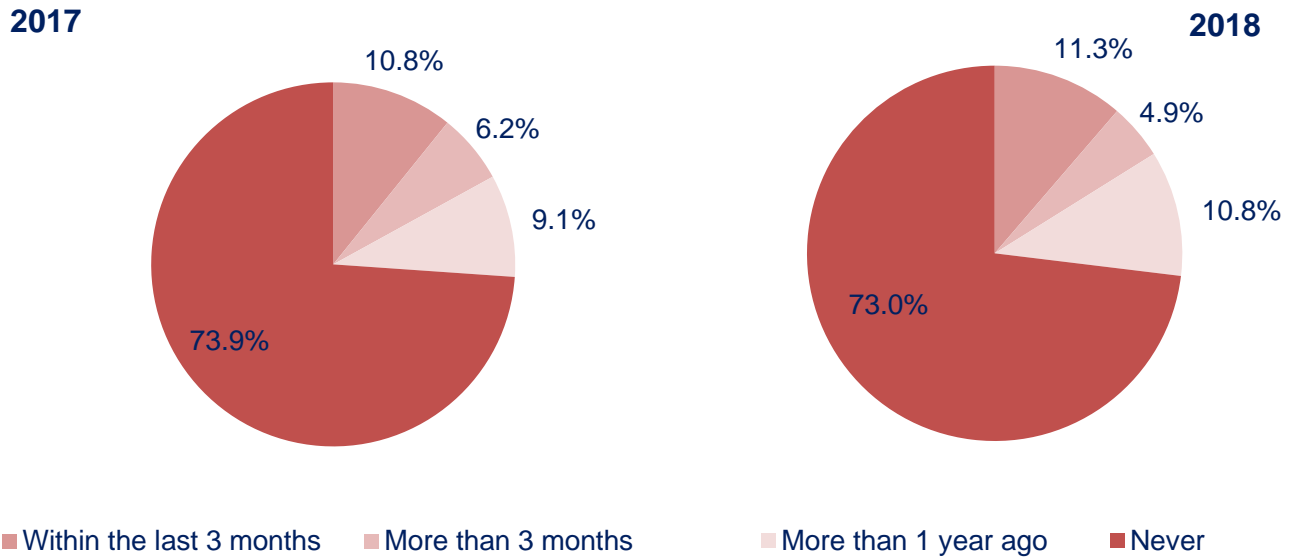
Activities that were often performed by respondents through Internet for the private purposes in the last three months refer to participating in social networks 84.4%, then telephoning over the Internet/video calls by 83.4% of persons, while 69.5% of them reported that they had send or received e-mails.

Graph 7: Which of the following computer-related activities have you carried out in the last 12 month?
(respondents could give more than one answer)



The activities that are performed by people on the computer, 95.9% of persons used a computer for copying or moving a file or folder, 93.1% of people were using a transfer files between computer and other devices, 67.4% of people used Word, while Excel used 34.2% of people.

Graph 8: When did you last buy or order goods or services for private use over the Internet?



Percentage of respondents who have never bought or ordered goods or services over the Internet is 73.0%, while the percentage of those who bought or ordered goods or services is 27.0%. Type of goods or services that people most frequently ordered or purchased over the Internet are:

- ✓ Clothes, sports goods 68.2%
- ✓ Holiday accommodation (hotel etc.) 20.1%
- ✓ Films, music 12.8%
- ✓ Medicine 6.7%
- ✓ Video games software other computer software and software upgrades 5.5%

METHODOLOGICAL NOTES

Statistical Office of Montenegro - MONSTAT is conducting the survey on the ICT usage in Montenegro. This survey refers to the use of ICT by households and individuals.

Basic information about survey:

- ✓ Survey was conducted in period from 1 to 15 April 2018
- ✓ Interview survey – face-to-face interview.
- ✓ Two-phase stratified sample. Size sample is 1 800 households, with 1 800 individuals
- ✓ Target population for households are households with at least one member aged between 16 and 74 years.
- ✓ Target population of individuals are persons aged between 16 and 74 years.
- ✓ Reference period was three months precedent the field interviews.

The data are also published at our website: www.monstat.org

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