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## ICT usage in Montenegro in 2019

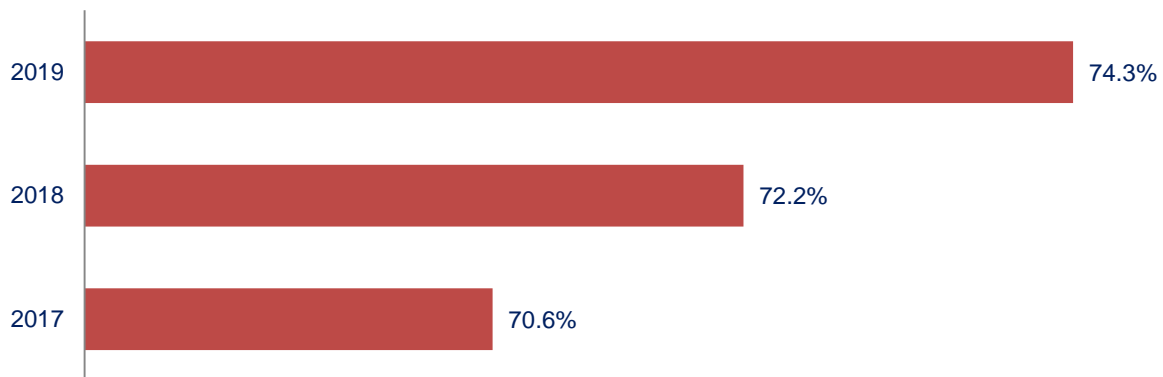
### Households

*ICT<sup>1</sup> 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 74.3% of surveyed households having reported Internet access in house.

Proportion of households with computers is increase for 2.1% in relation to previous year.

**Graph 1: Internet access in house**



<sup>1</sup>ICT - Information and communication technologies

The Internet access in households is done by some of devices, such as personal computer (PC) – 42.1% portable computer (laptop, netbook, tablet) 65.9%. In addition to the mentioned devices for Internet access also used other mobile devices, TV connected to the Internet (Smart TV) and play station.

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

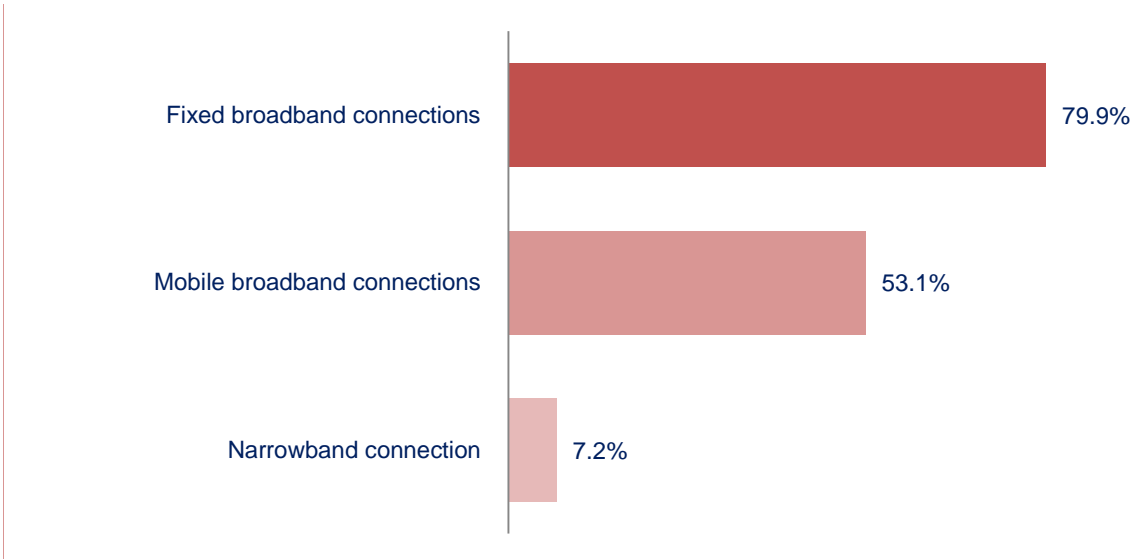
Devices in households	2019	2018	2017
Personal computer (PC)	42.1	46.6	56.4
Laptop, netbook, tablet	65.9	65.0	64.0
Mobile phone	86.4	79.2	68.9

Constant and significant growth in terms of usage of mobile devices as Internet access platforms was recorded. In comparison with 2018 the growth of 7.2% was recorded. Also in comparison with 2018. the growth of 0.9% 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 79.9% of households. Mobile broadband connections (via mobile phone network. at least 3G) used 53.1% of households and 7.2% used narrowband connection (dial-up, modem ISDN, less than 3G).

Percent of households which use mobile broadband connections type is increased for 5.1% 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 25.0%. Percent of households which do not have Internet access at home is decreased for 2.0% compared to the previous year.

Internet use in households differs in comparison with territorial unity, thus computer use is the lowest in North region 64.8%, while it is the highest in South region 79.2%.

**Graph 3: Internet use in households by territory**



Internet access in the areas that are not urban type is 62.8%, while in the settlements of urban type is higher Internet 80.0%.

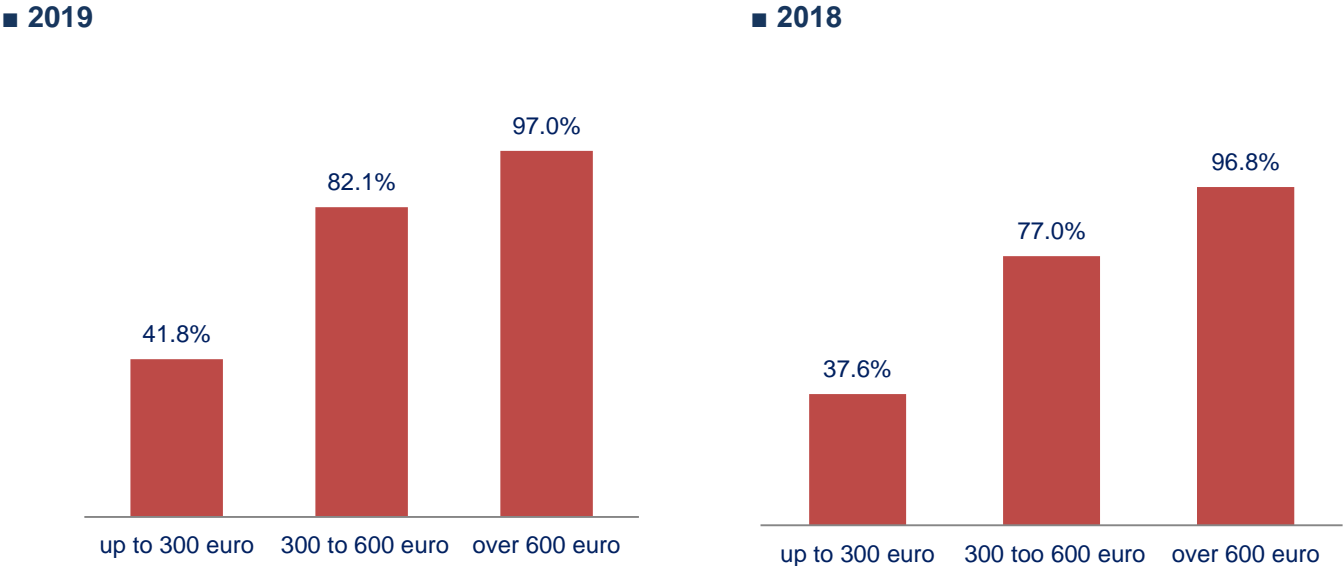
Internet access in house in the areas that are urban type is increased by 3.7% compared to the previous year.

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

Type of settlement	2019	2018
Urban	80.0	76.3
Rural	62.8	60.9
Montenegro	74.3	72.2

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**

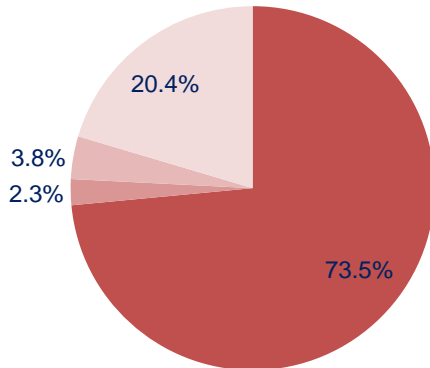


## Persons

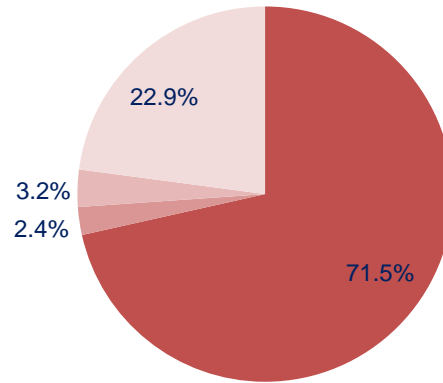
Number of persons which in the last three months used the Internet is 73.5%, whereas there are 87.9% of those used Internet every day or almost every day, and 10.7% of persons use Internet at least once a week.

**Graph 5: Persons that have used the Internet**

2019



2018



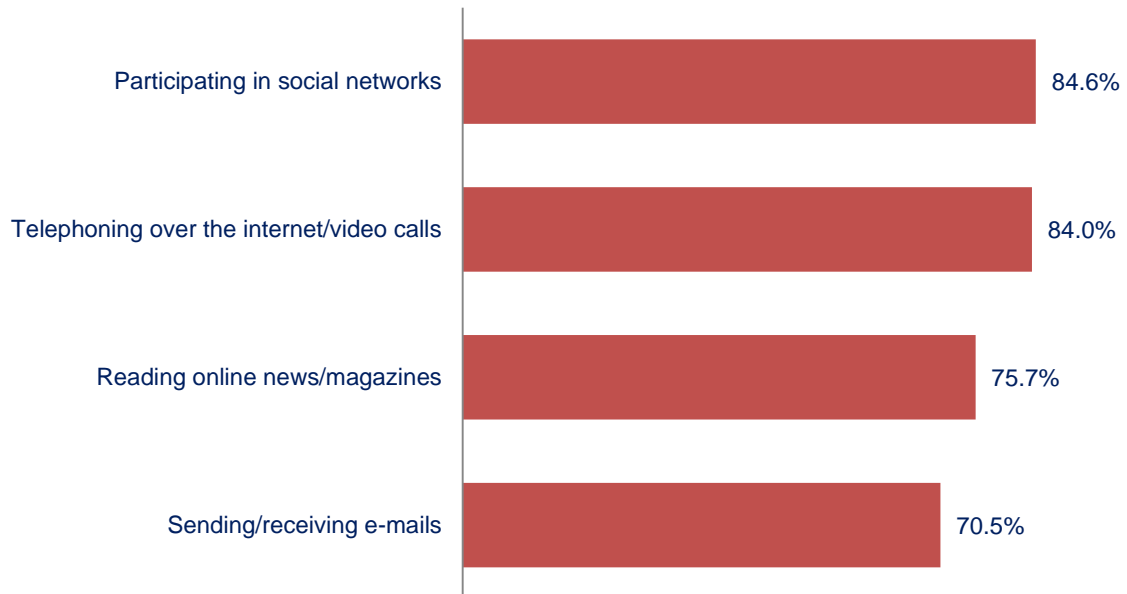
■ Within the last 3 months   ■ More than 3 months   ■ More than 1 year ago   ■ Never

**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 3, those who stated that they used the Internet in the last three months, usually do that every day or almost every day. Percentage of Internet use every day or almost every day is higher in women and is 88.5%, while 87.4% of men.

Internet usage	Age						Gender		Total
	16-24	25-34	35-44	45-54	55-64	65-74	Male	Female	
Every day or almost every day	99.6	96.3	88.6	79.6	77.9	72.8	87.4	88.5	87.9
At least once a week	0.4	3.7	10.3	17.3	21.0	20.1	11.7	9.3	10.7
Less than once a week	0.0	0.0	1.1	3.1	1.1	7.1	0.9	2.2	1.4

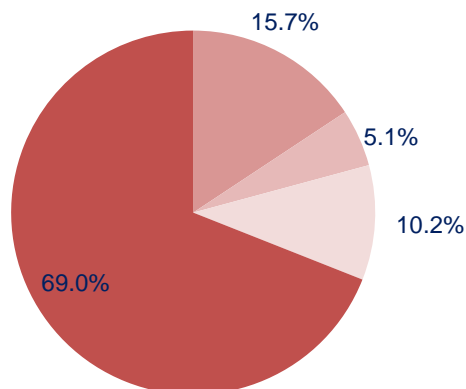
**Graph 6: For which of the following activities did you use the internet in the last three months, for private purpose?**  
*(respondents could give more than one answer)*



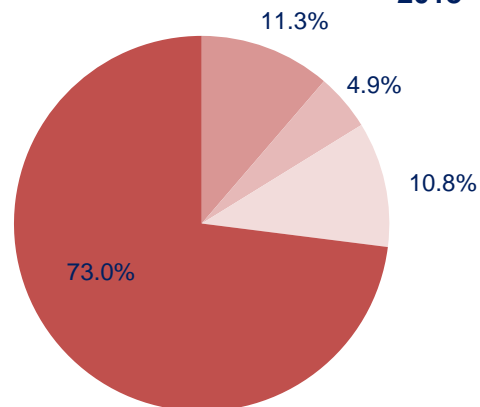
Activities that were often performed by respondents through Internet for the private purposes in the last three months refer to participating in social networks 84.6%, then telephoning over the Internet/video calls by 84.0% of persons, while 75.7% of them reported that they had read online news/magazines.

**Graph 7: When did you last buy or order goods or services for private use over the Internet?**

**2019**



**2018**



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

Percentage of respondents who have never bought or ordered goods or services over the Internet is 69.0%, while the percentage of those who bought or ordered goods or services is 31.0%. Type of goods or services that people most frequently ordered or purchased over the Internet are:

- ✓ Clothes, sports goods 73.5%;
- ✓ Furniture, toys 17.2%;
- ✓ Medicine 11.0%;
- ✓ Films, music 10.8%;
- ✓ 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:***

- ✓ The aim of survey is to provide data of ICT usage by households and individuals.
- ✓ Interview survey – face-to-face interview, where interviewers use computer/tablet (CAPI method of data collection).
- ✓ Two-phase stratified sample. Size sample is 1800 households, with 1800 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](http://www.monstat.org)

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