

ACCESO Y USO DE LOS  
DISPOSITIVOS MÓVILES E  
INTERNET EN NIÑOS, NIÑAS  
Y JÓVENES 2018-2019



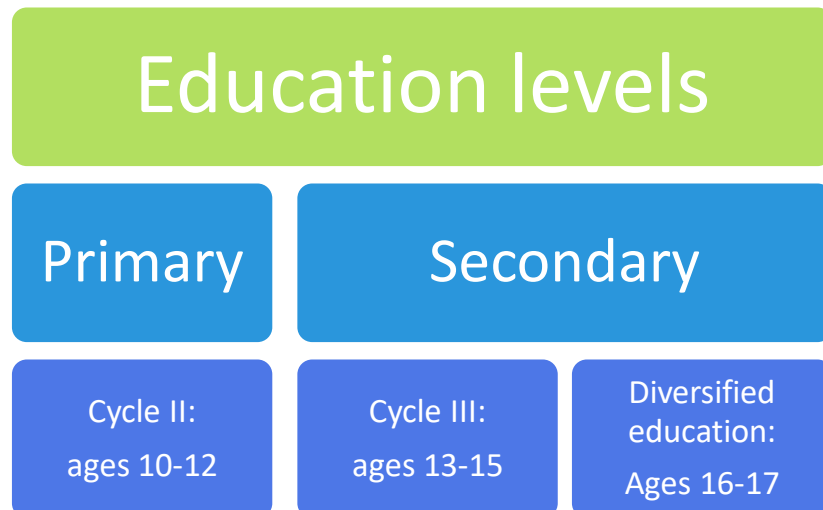
# Access and use of mobile devices and Internet by boys, girls and young people 2018- 2019

Costa Rica

Ministry of Science, Technology and  
Telecommunications

# Methodology

- **Research population:** All Costa Rican boys, girls and young people or residents in Costa Rica who are enrolled in the national day education system of the Ministry of Public Education.
- **Sample:** 1,962 effective interviews with students distributed so that they proportionally represent all levels of cycle II, cycle III and diversified education in urban and rural areas.

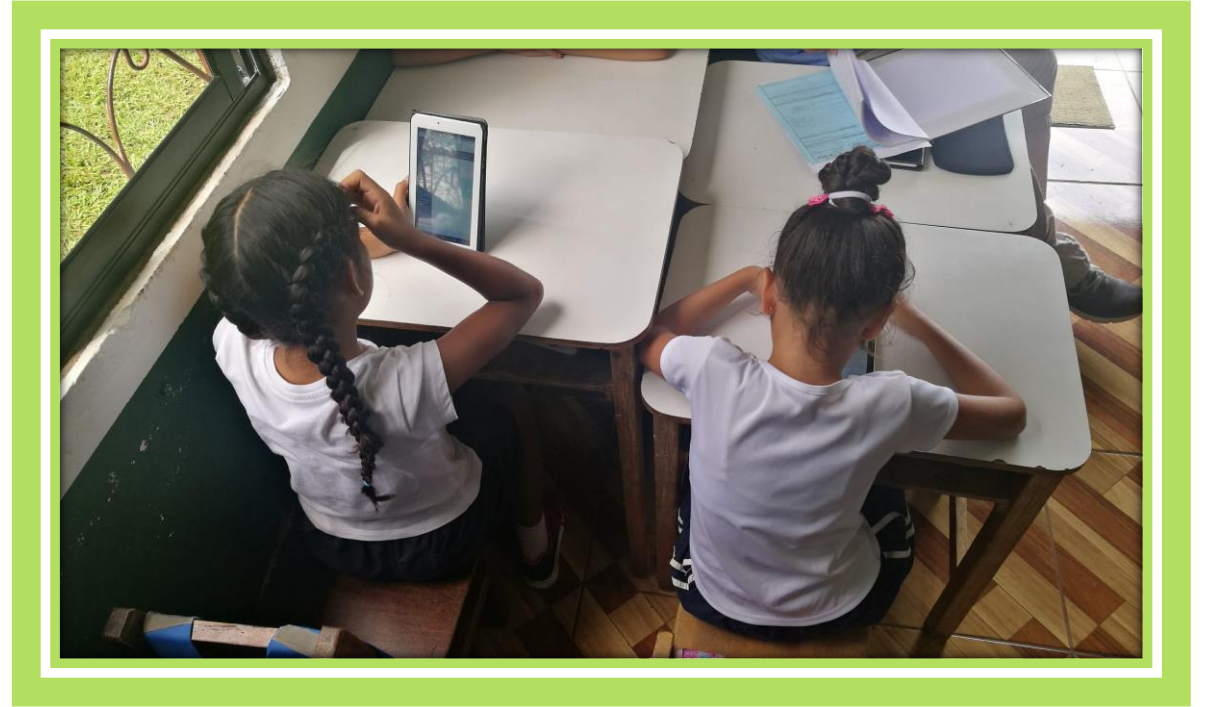


## METODOLOGÍA



# Methodology

- The survey was self-administered through tablets. The team of statisticians and the teachers intervened only to answer questions about the use of tablets or vocabulary.



# Results

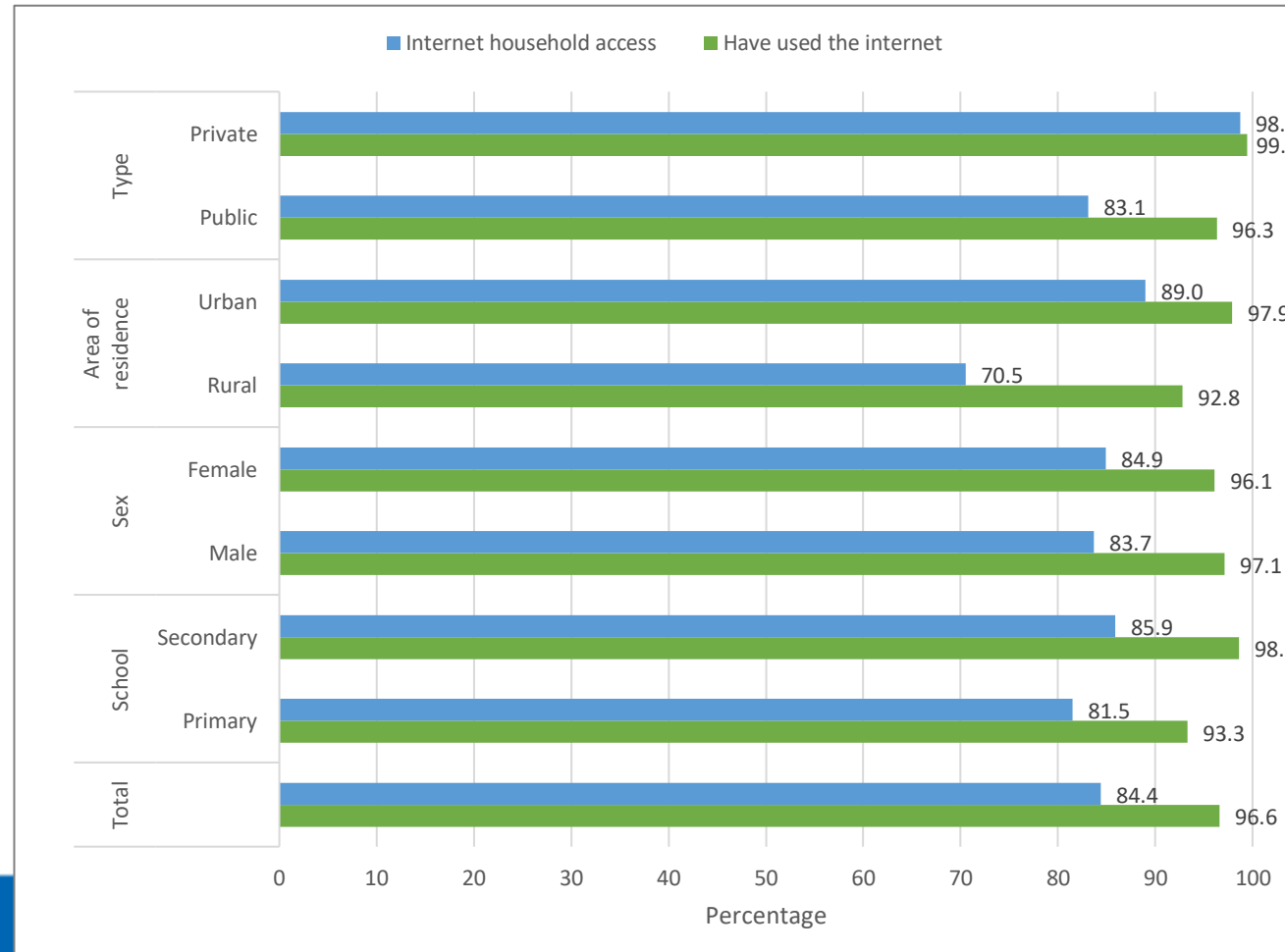
1. Internet access
2. Mobile telephony
3. Social networks
4. Internet use
5. Computer skills and knowledge
6. Internet risks





# INTERNET ACCESS

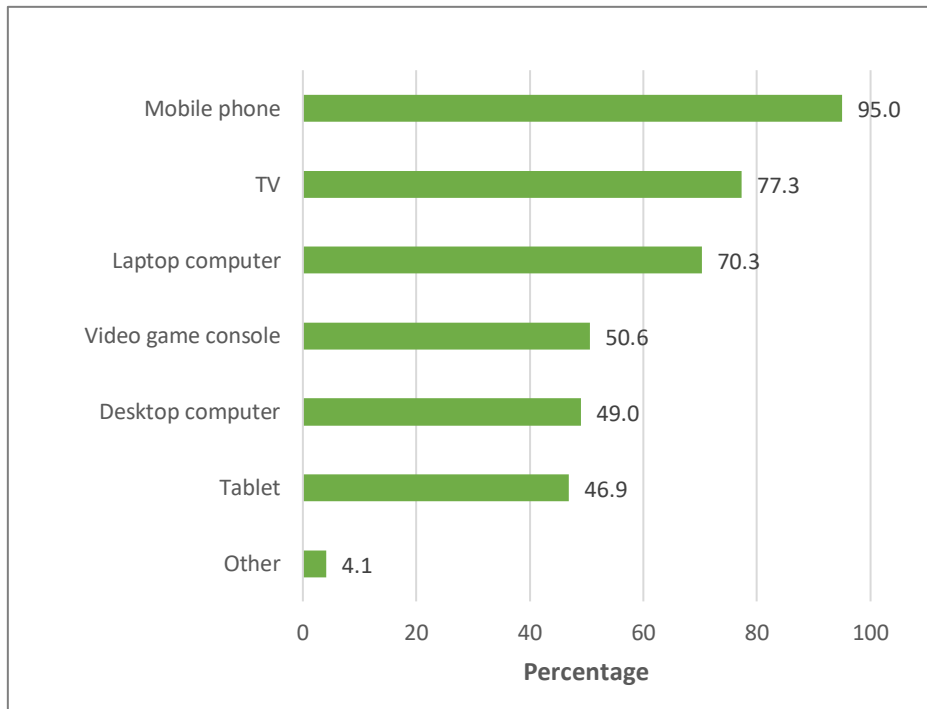
Percentage of students according to whether they have used Internet and if they have Internet at home. 2018-2019



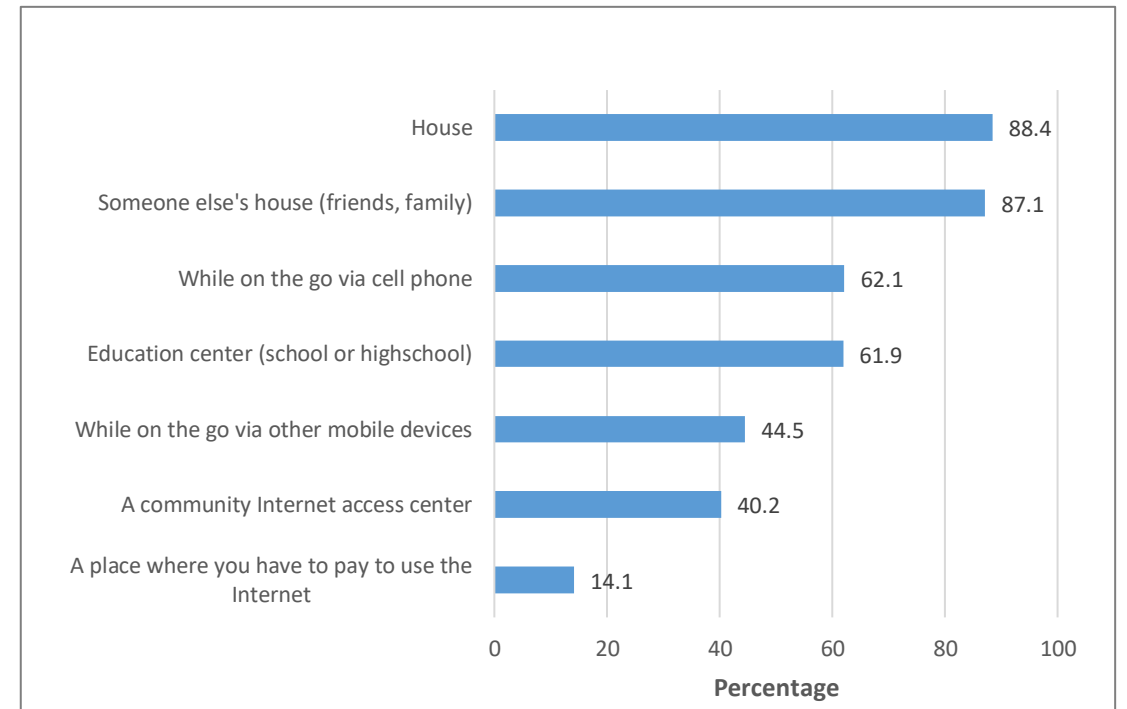


# INTERNET ACCESS

Percentage of the students who have used the Internet according to the device used to access it. 2018-2019



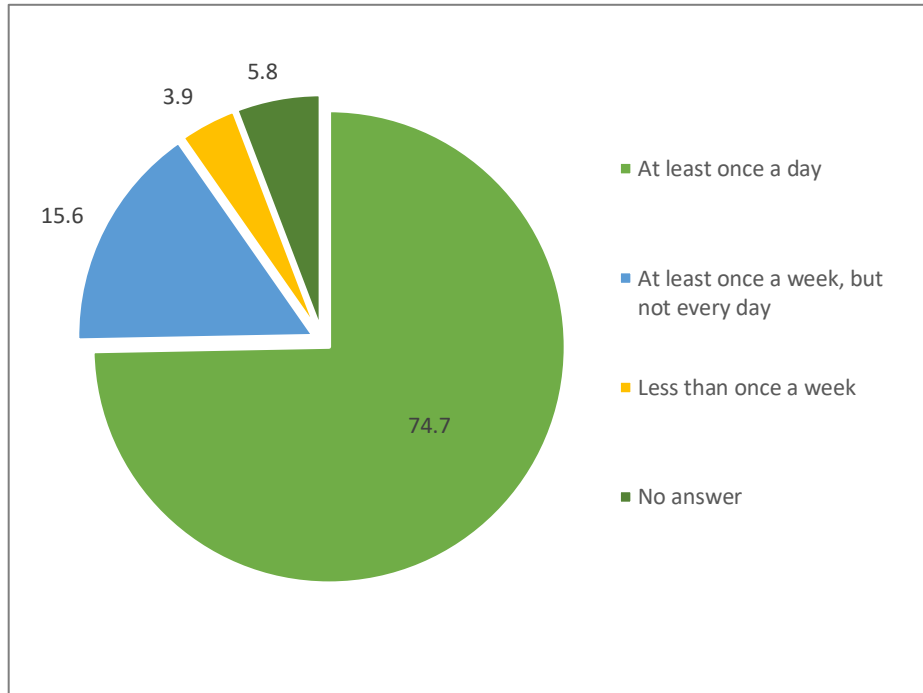
Percentage of students who have used the Internet according to where they access the Internet. 2018-2019



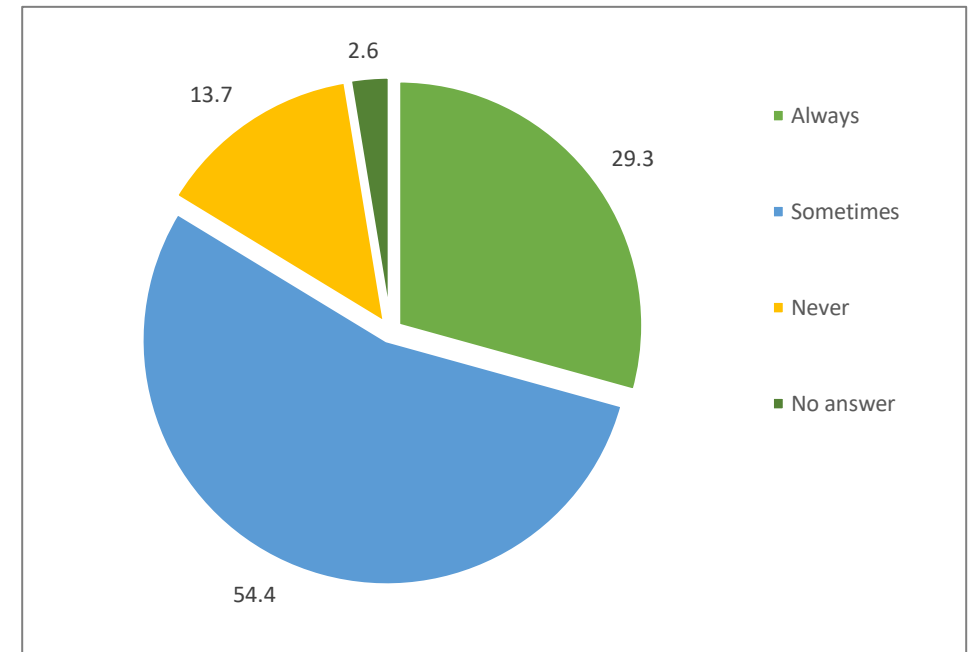


# INTERNET ACCESS

Percentage of students with Internet access according to frequency of use in the last three months. 2018-2019



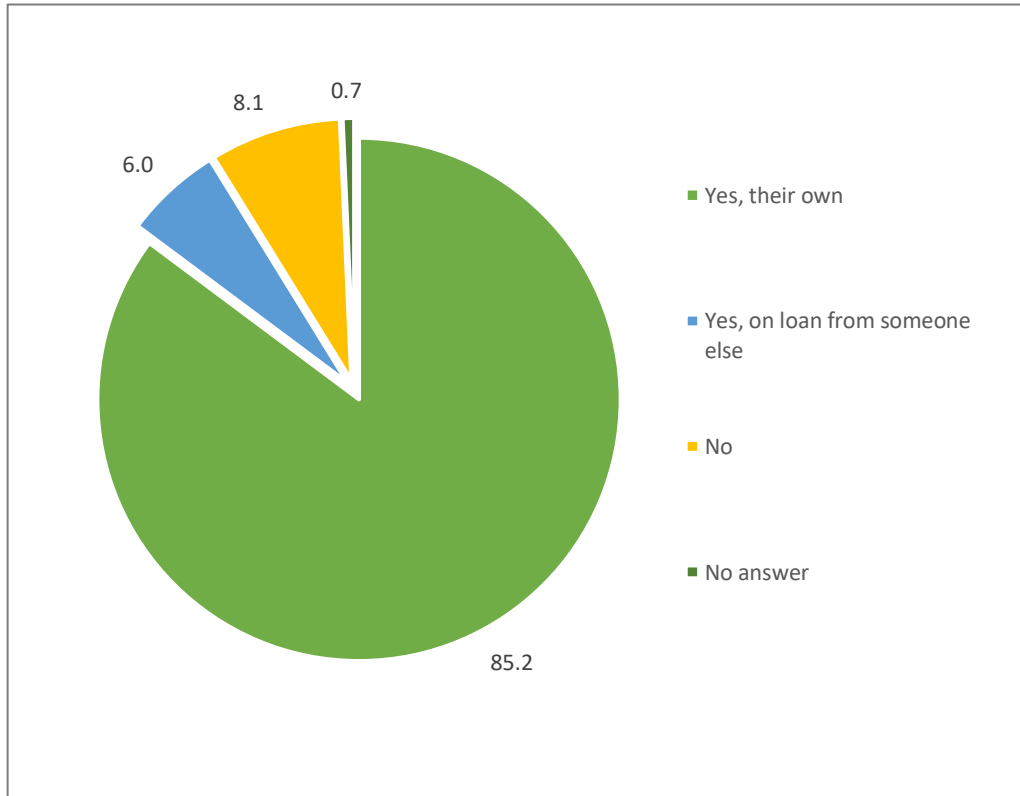
Percentage of students using the Internet according to whether they receive supervision when using the Internet. 2018-2019



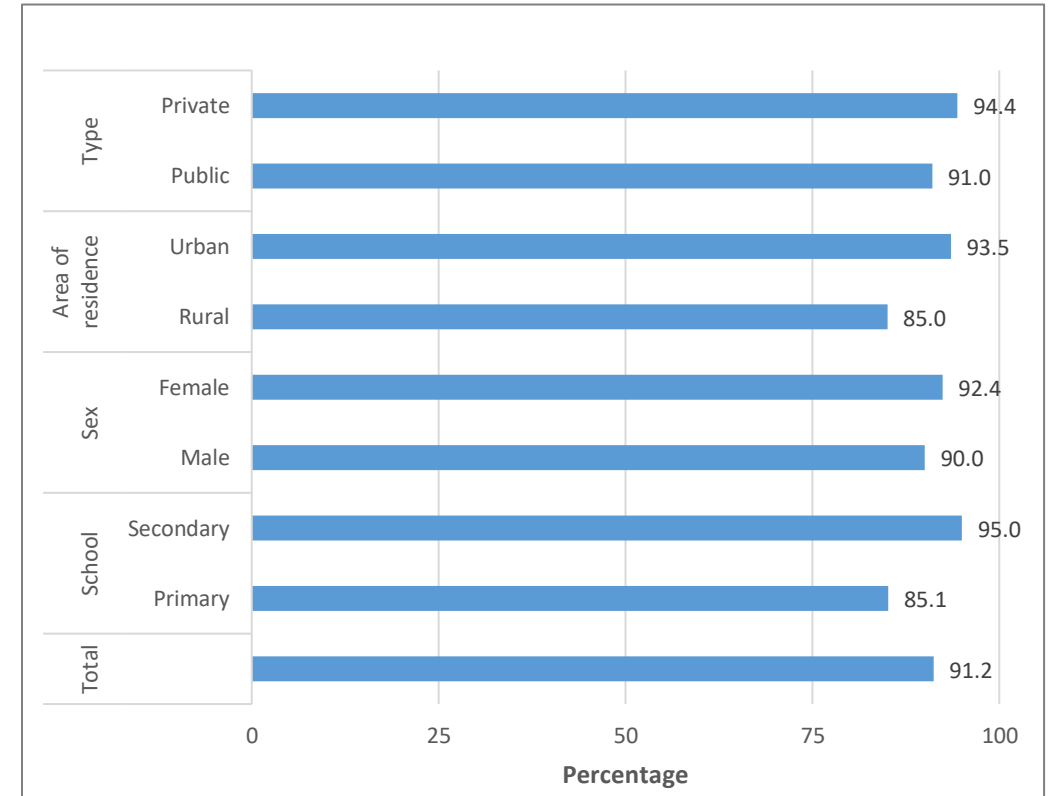


# MOBILE TELEPHONY

Percentage of students according to cell phone ownership. 2018 - 2019



Percentage of the students who own a cell phone according to variables of interest. 2018 - 2019

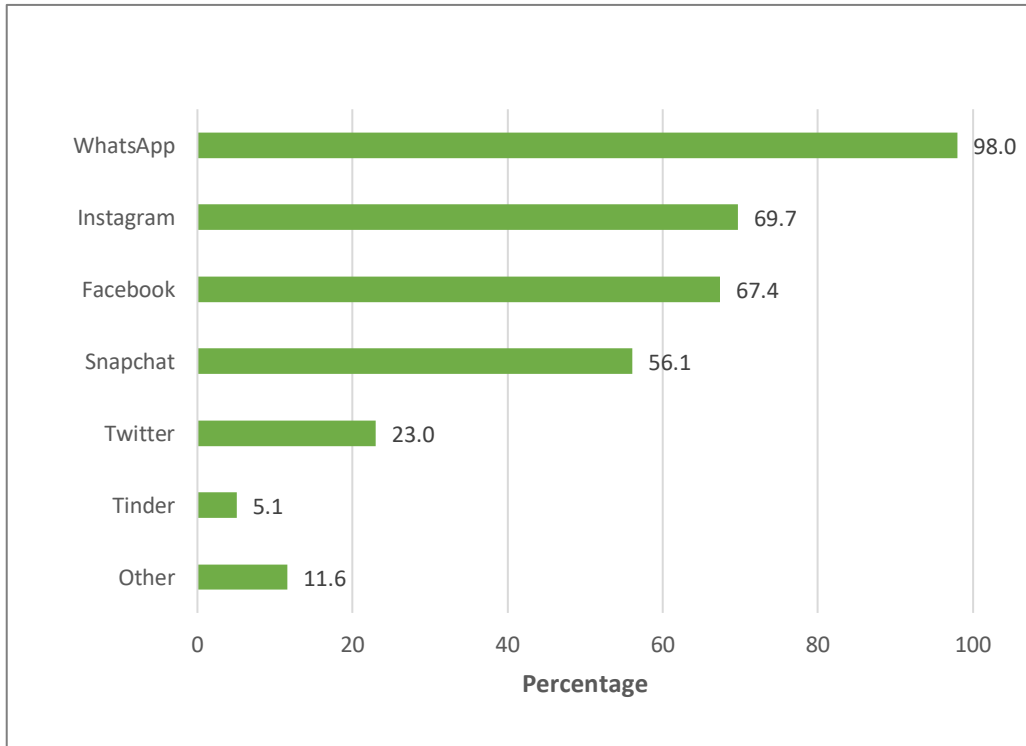




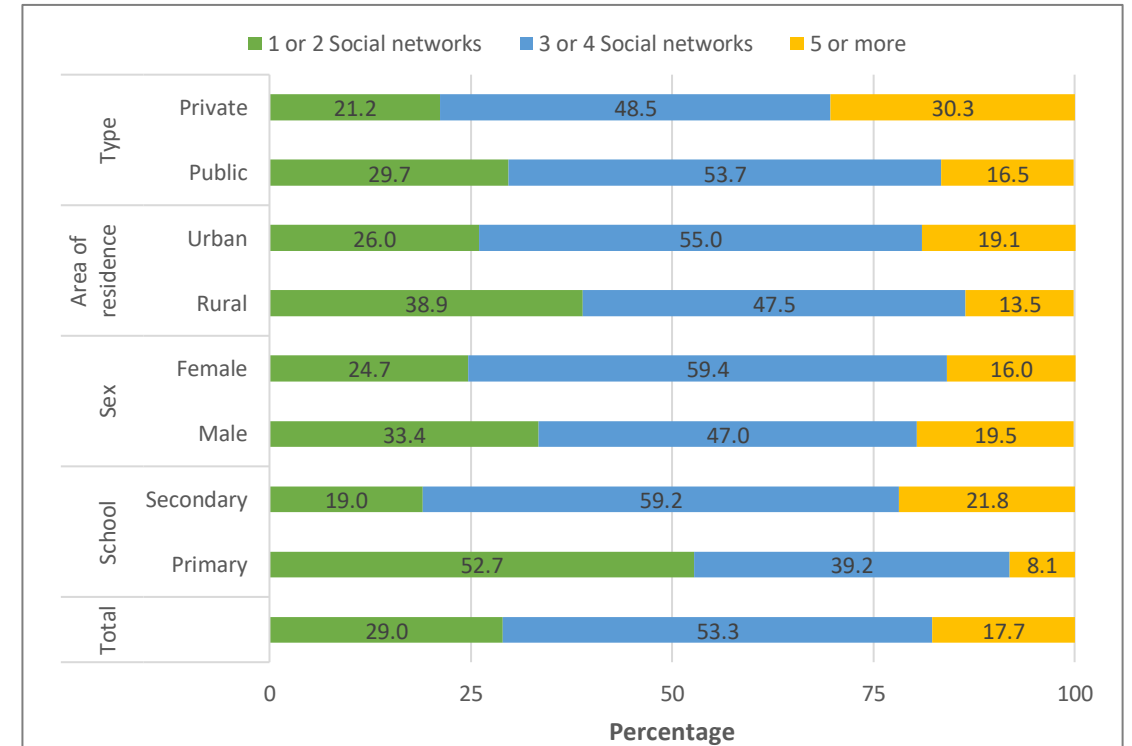


# SOCIAL NETWORKS

Percentage of the students interviewed according to social networks in which they have a profile or account. 2018-2019



Percentage of the students according to the number of accounts or profiles they have on social networks. 2018-2019



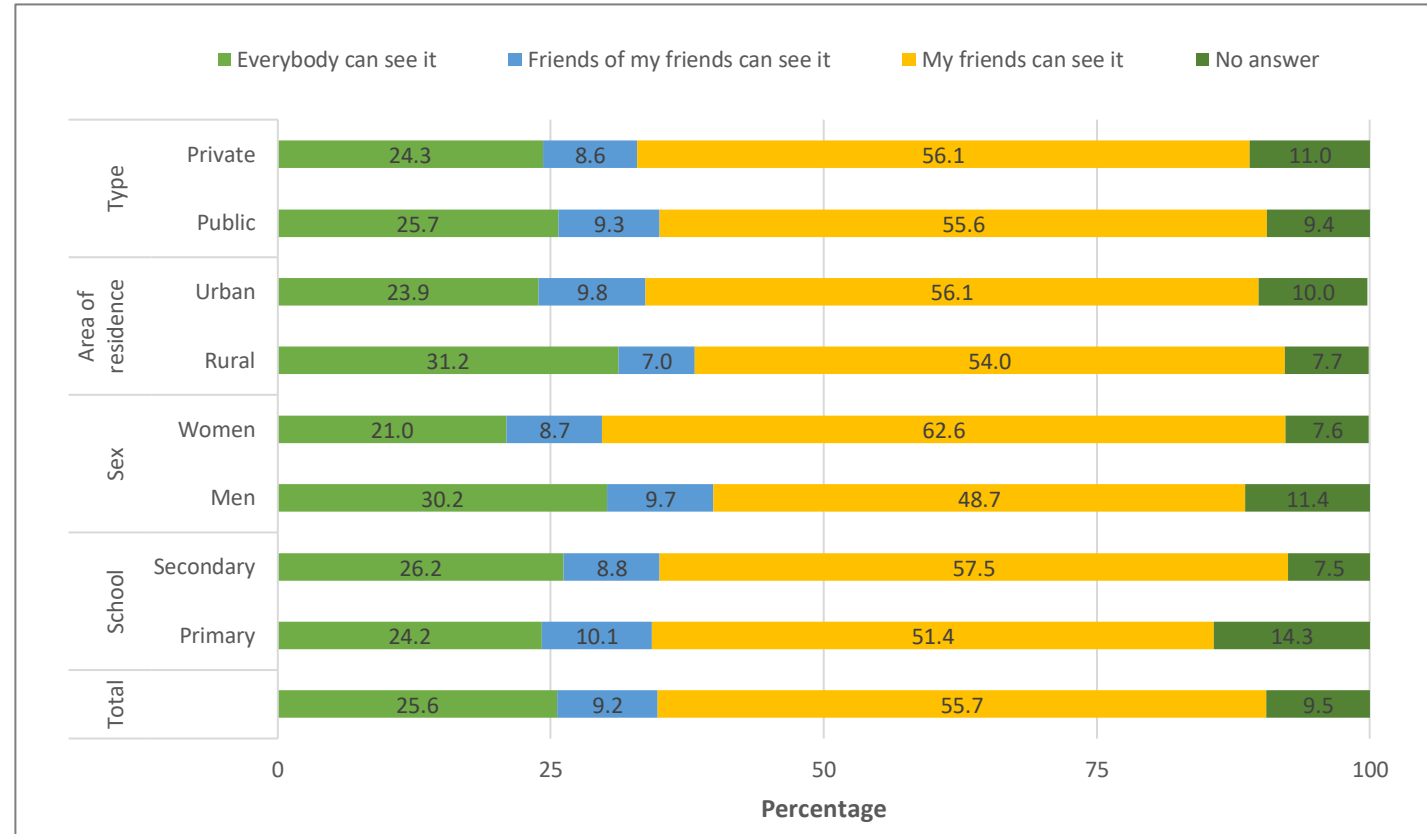


# SOCIAL NETWORKS

Other social networks, websites or applications used by the interviewed students. 2018-2019



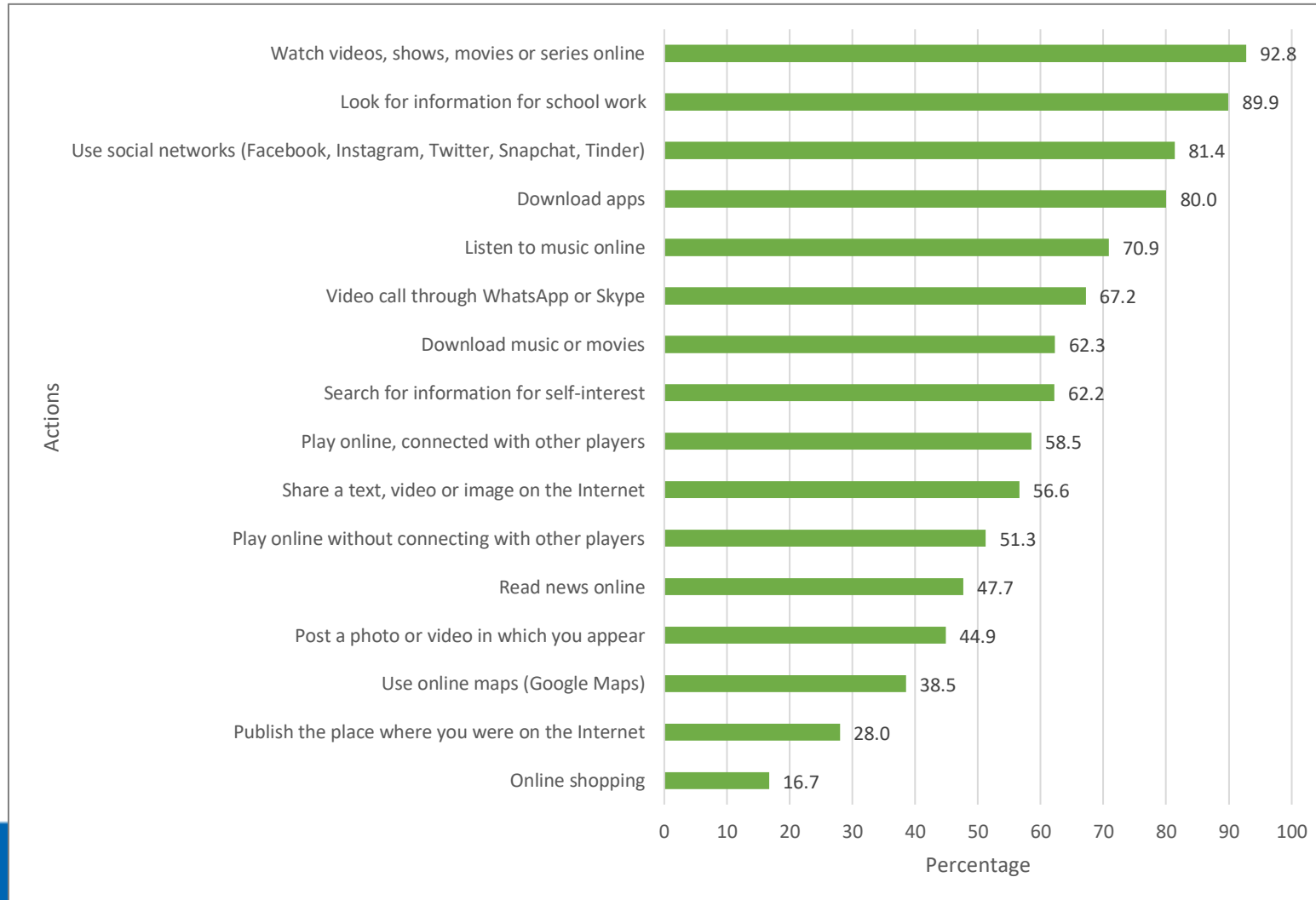
Percentage of the students according to the type of profile they have on social networks. 2018-2019





# INTERNET USES

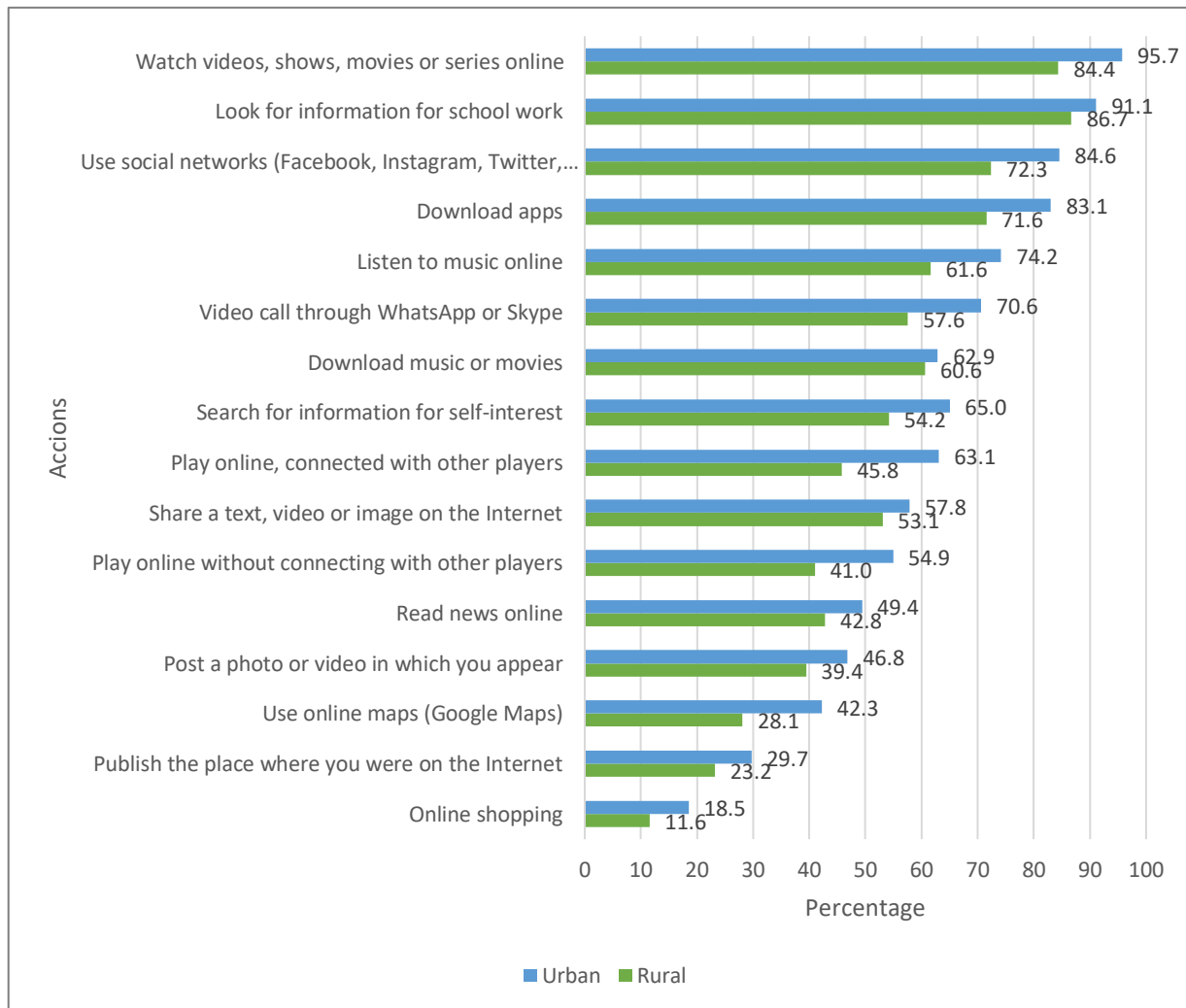
Percentage of students according to activities carried out on the Internet. 2018-2019



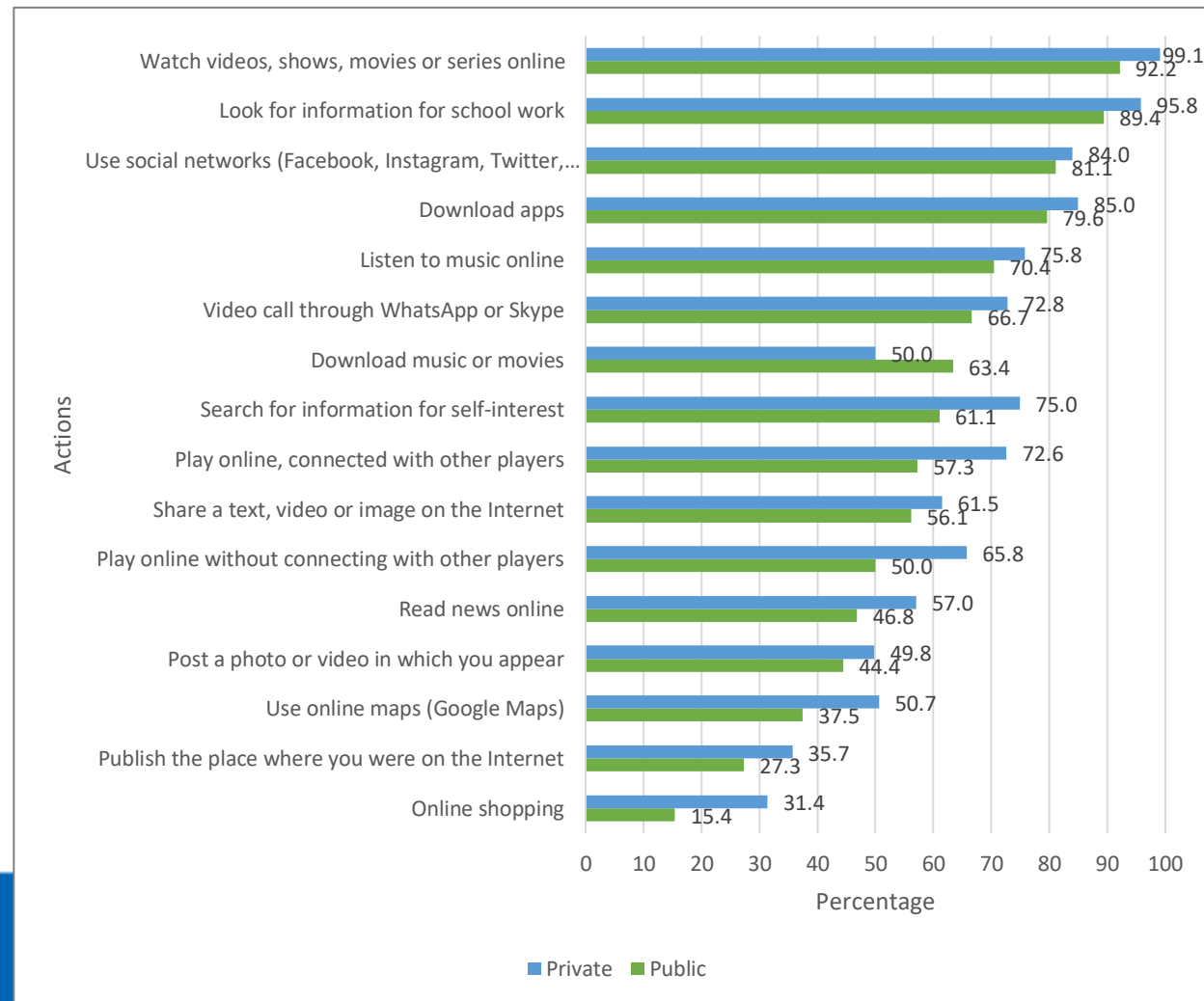


# INTERNET USES

Percentage distribution of students according to activities carried out on the Internet by area. 2018-2019



Percentage distribution of students according to activities carried out on the Internet by type of institution (public /private). 2018-2019





## INTERNET USES

**Internet Uses Scale:** The scale is built considering the sum of all the items. The scale ranges from 0 to 10.

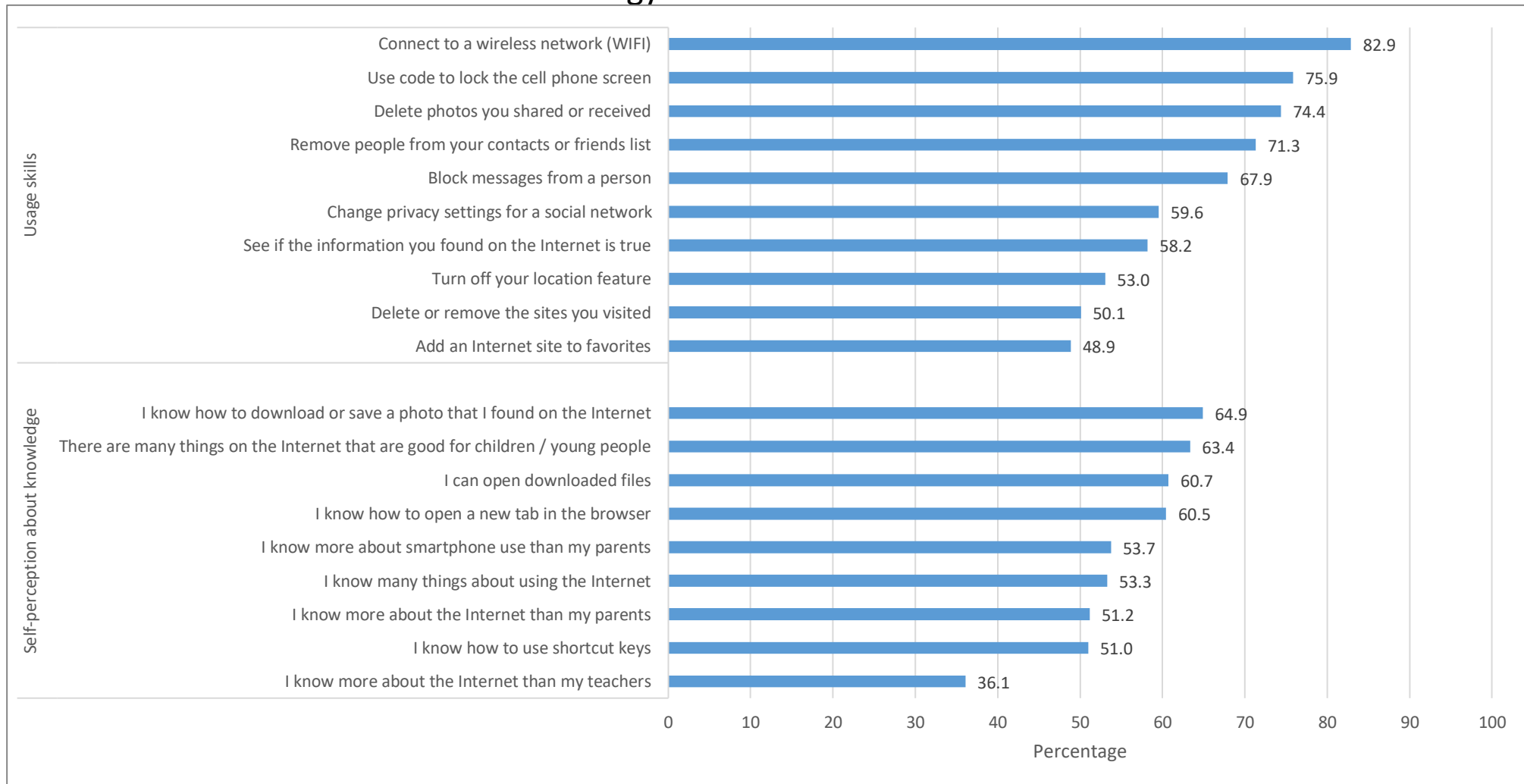
- Students from private institutions have a level on the scale that is significantly higher.
- Students from rural areas present a level on the scale below the lower limit at the national level, and there is a marked geographic divide.
- Students in elementary schools are below the national lower limit and in high school above the upper limit, the difference can be explained by the access to devices and the knowledge and skill of older students.

		Mean
Costa Rica		6,21
Confidence intervals	Lower limit	6,10
	Upper limit	6,32
Type	Public	6,16
	Private	6,82
Area of residence	Rural	5,44
	Urban	6,49
Sex	Male	6,23
	Female	6,19
School	Primary	5,34
	Secondary	6,67



# COMPUTER SKILLS AND KNOWLEDGE

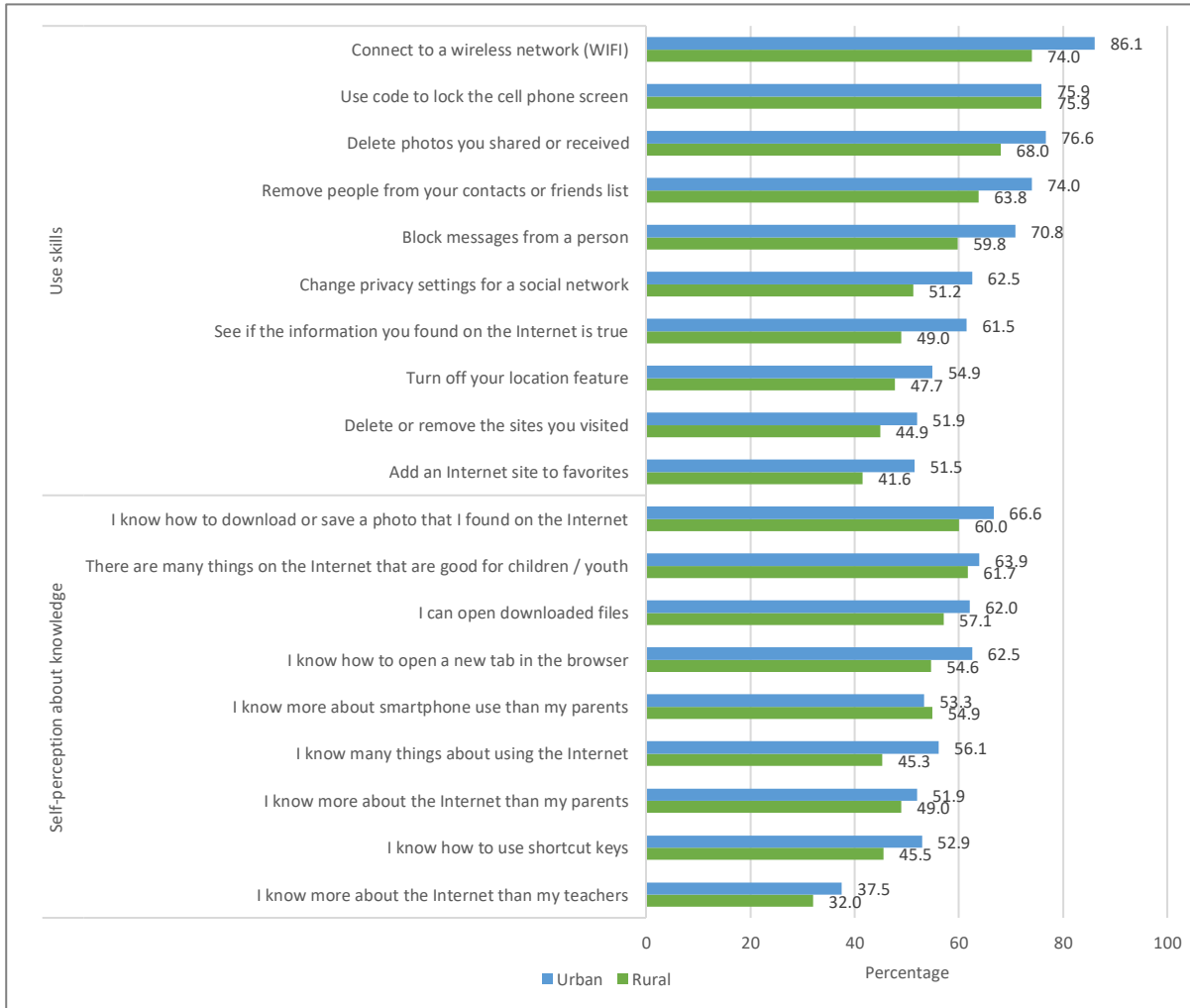
Percentage of the students according to usage skills and self-perception of knowledge about the use of technology and the Internet. 2018-2019



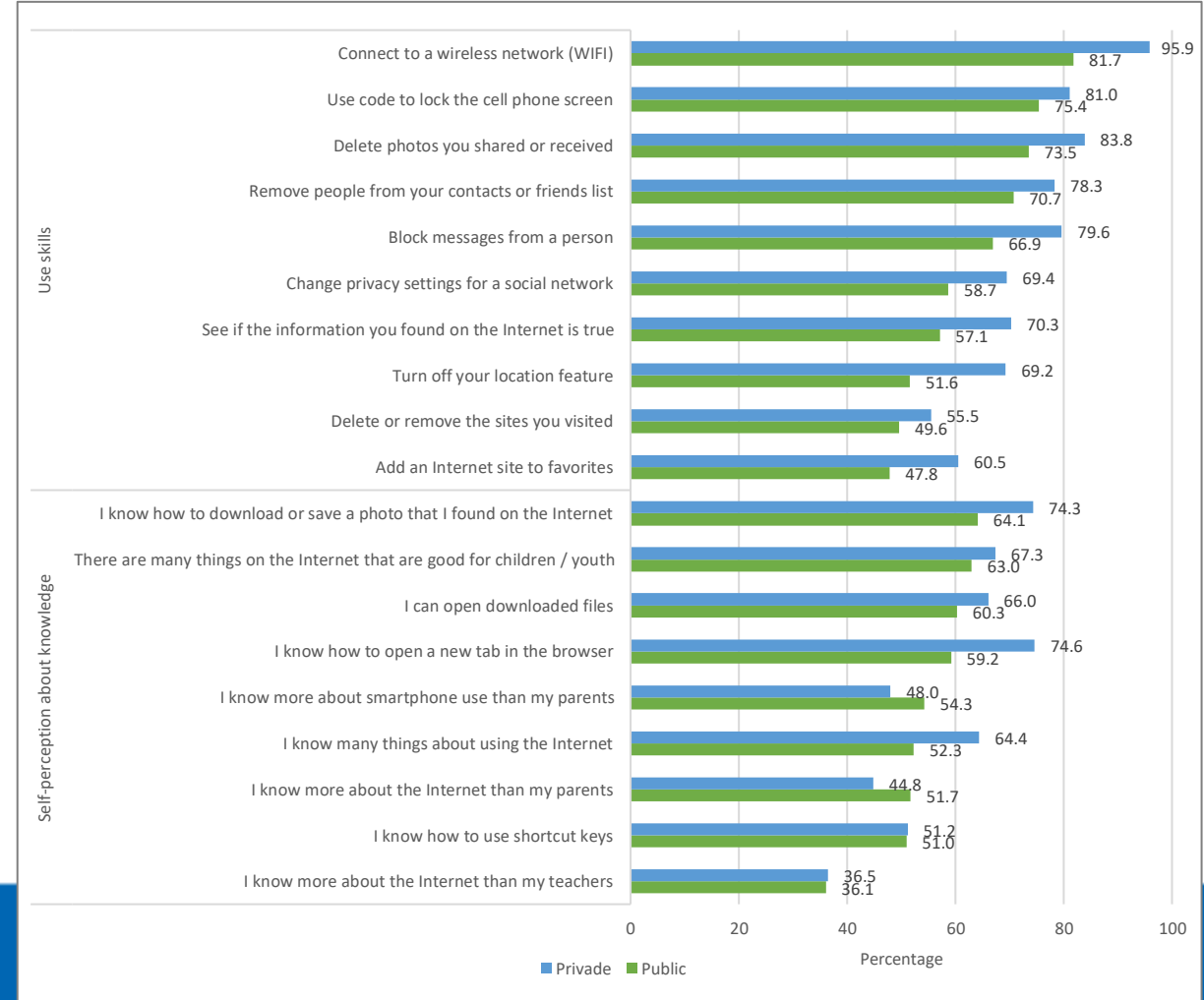


# COMPUTER SKILLS AND KNOWLEDGE

Percentage of the students according to usage skills and self-perception of knowledge about the use of technology and the Internet by area. 2018-2019



Percentage of the students according to usage skills and self-perception of knowledge about the use of technology and the Internet by type of institution (public / private). 2018-2019





# COMPUTER SKILLS AND KNOWLEDGE

		Mean
Costa Rica		6,68
Confidence intervals	Lower limit	6,54
	Upper limit	6,82
Type	Public	6,64
	Private	7,12
Area of residence	Rural	6,29
	Urban	6,82
Sex	Male	6,61
	Female	6,76
School	Primary	5,39
	Secondary	7,32

## Computational knowledge and skills index

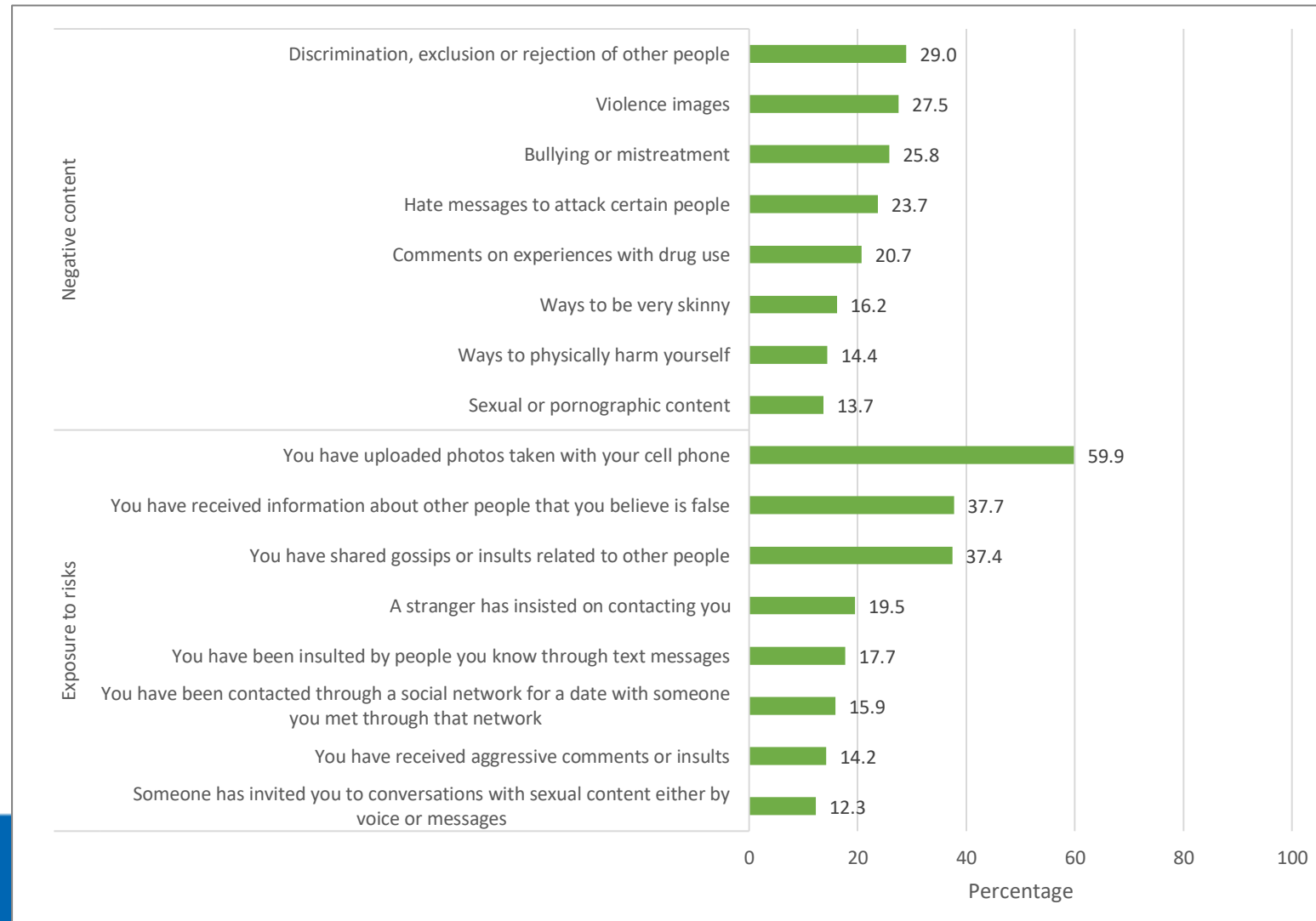
- Difference in private education, since the estimated average is higher than the national average.
- Highschool students have more skills and are perceived to be slightly more computer literate compared to elementary school students.





# INTERNET RISKS

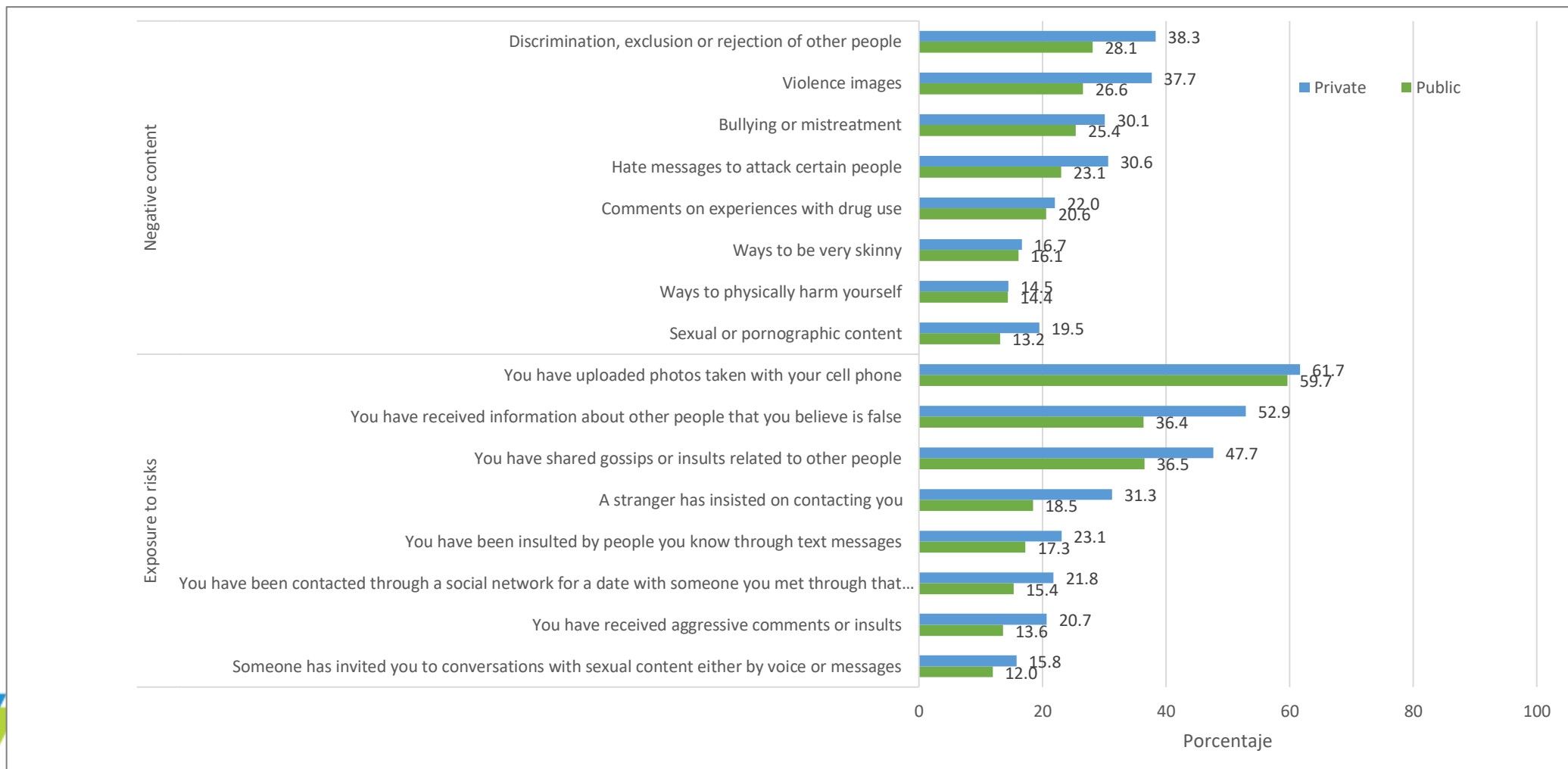
Percentage of students according to exposure to negative content and risks on the Internet. 2018-2019





# INTERNET RISKS

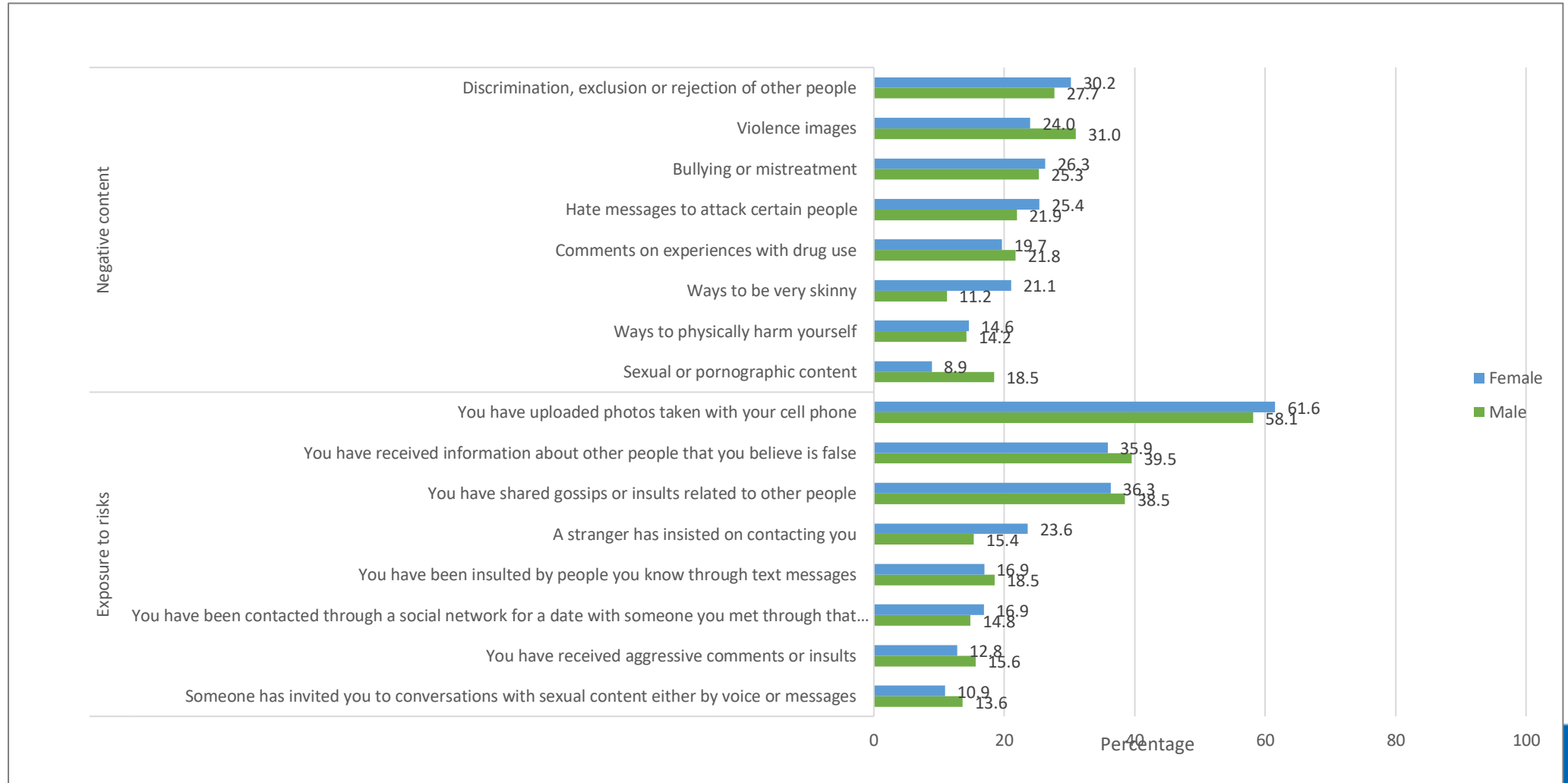
Percentage of the students according to exposure to negative content and risks on the Internet by type of dependency. 2018-2019





# INTERNET RISKS

Percentage of the students according to exposure to negative content and risks on the Internet by sex. 2018-2019





## INTERNET RISKS

### Internet Risks Index

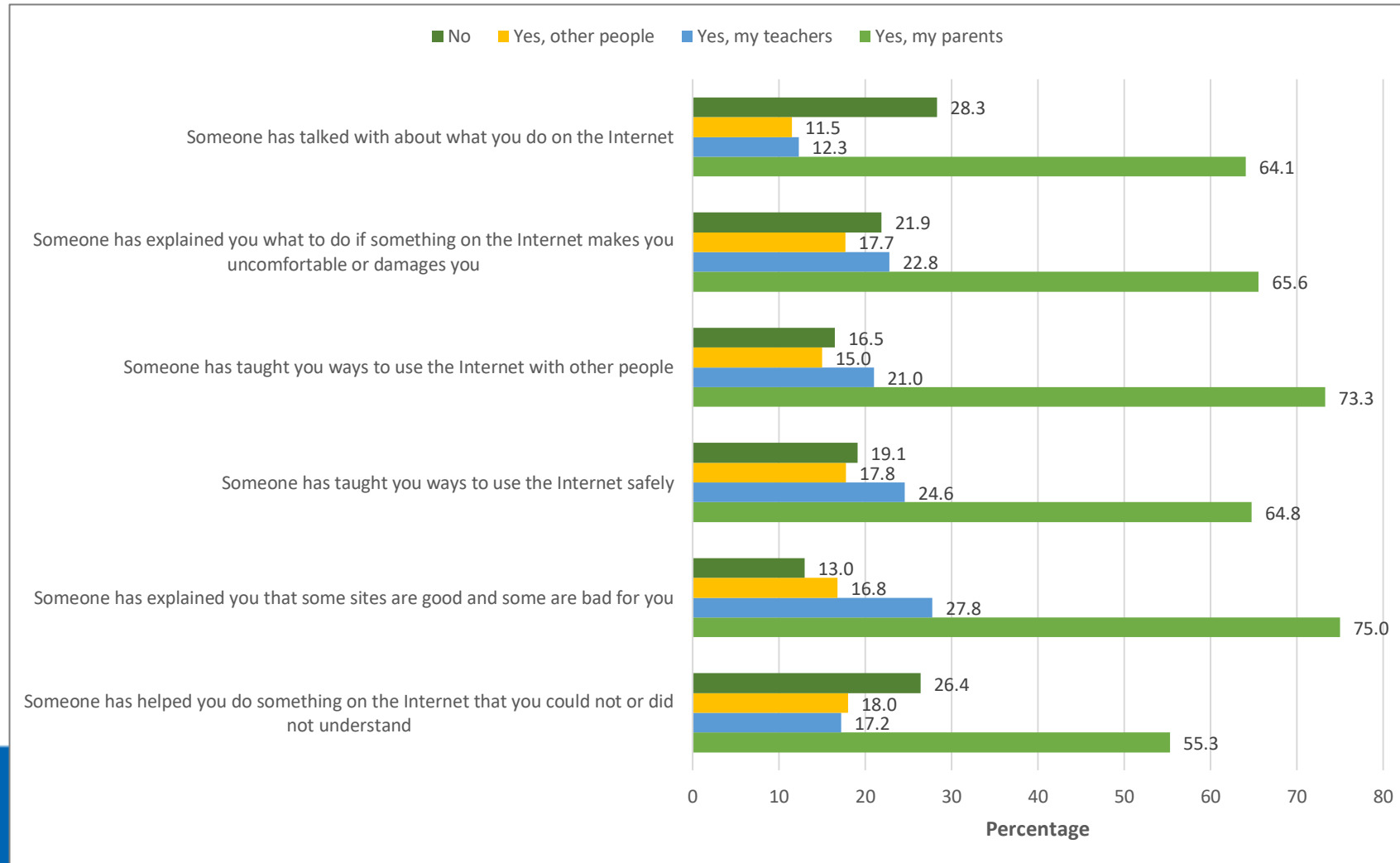
- Students from private institutions, from urban areas and high school (secondary education) present greater risks on the Internet since they have an average above the upper limit at the national level.

		Mean
<b>Costa Rica</b>		<b>2,43</b>
<b>Confidence intervals</b>	<b>Lower limit</b>	<b>2,30</b>
	<b>Upper limit</b>	<b>2,55</b>
Type	Public	2,36
	Private	3,12
Area of residence	Rural	1,95
	Urban	2,61
Sex	Male	2,45
	Female	2,40
School	Primary	1,35
	Secondary	3,03



# INTERNET RISKS

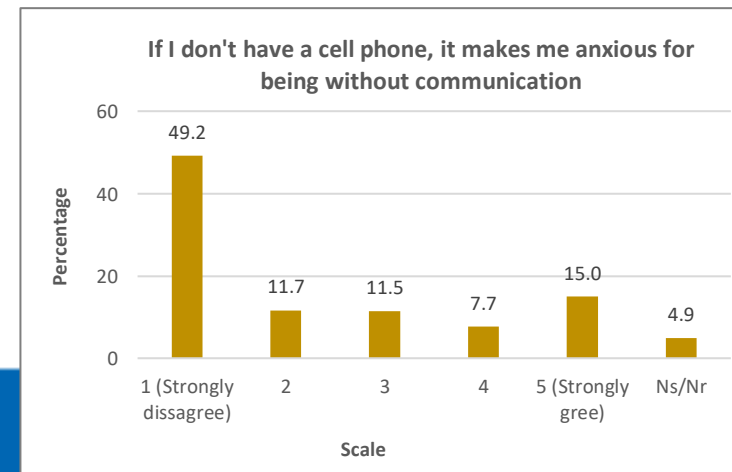
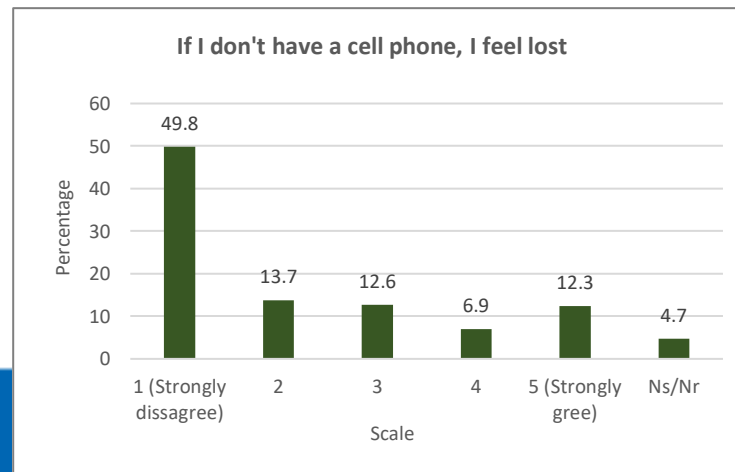
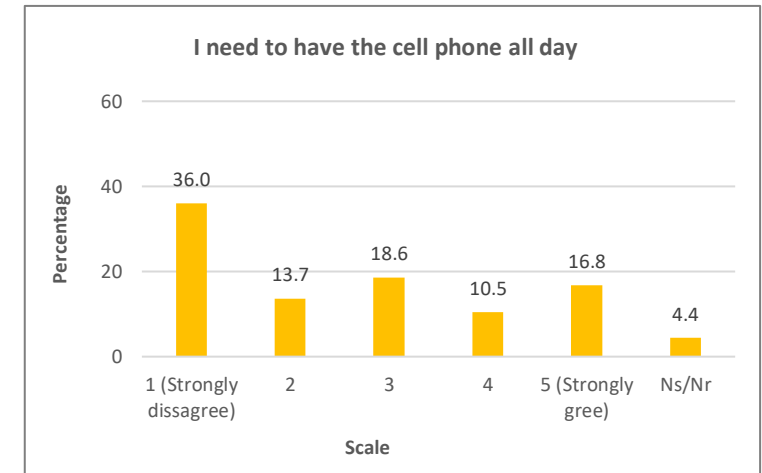
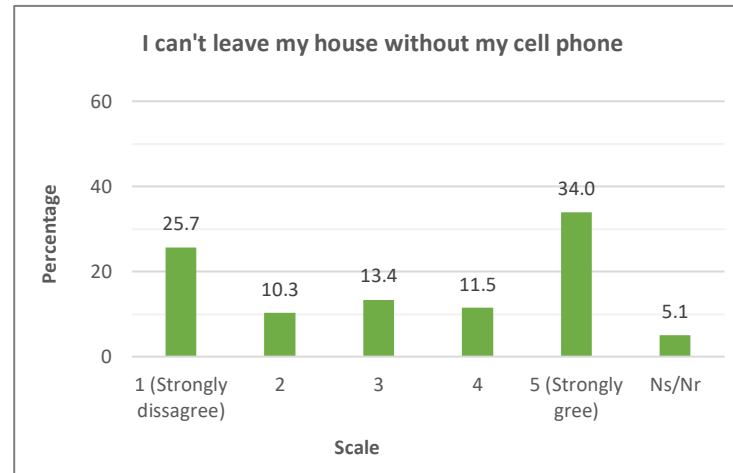
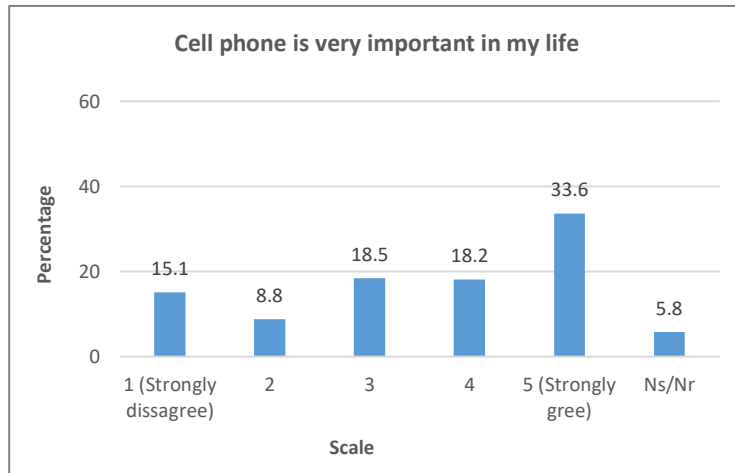
Percentage distribution of students according to supervision when performing certain actions on the Internet.  
2018-2019





# INTERNET RISKS

Percentage of students according to level of agreement with aspects of cell phones 2018 - 2019



# Access and use of mobile devices and Internet by boys, girls and young people 2018-2019:

[www.micitt.go.cr/accesoyusonnj](http://www.micitt.go.cr/accesoyusonnj)

## Other research

[www.micit.go.cr/micitt/publicaciones/estudios-telecomunicaciones](http://www.micit.go.cr/micitt/publicaciones/estudios-telecomunicaciones)

## Other statistics

<https://www.micit.go.cr/micitt/publicaciones/estadisticas-telecomunicaciones>



Email: [analisis.economico@micit.go.cr](mailto: analisis.economico@micit.go.cr)