ECAR 2019 Student Study
Students and their experience of information technology

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Visit the research report at: https://tt.eduuni.fi/sites/kity/publicAAPAFUCIOdocs/ECAR/ECAR2019_Raportti.pdf
2.1 How would you describe your overall technology experience at your institution?
ECAR Survey

n = 3193

9 UNI  17 UAS

EDUCAUSE Center for Analysis and Research
https://www.educause.edu/ecar/

n = 54529

USA 41650

Preparation  Data collection  Analysis  Report
January  March  August-Sept.  October

Pakistan  Turkey  South-Africa  Canada  Finland  Trinidad-Tobago
Participants

- **UNI**: 3193 participants
- **UAS**: 3127 participants

**Year / UNI**
- 1. Freshman or first-year student
- 2. Sophomore or second-year student
- 3. Junior or third-year student
- 4. Senior or fourth-year student
- 5. Fifth-year student or beyond
- Other type of undergraduate student

**Year / UAS**
- 1. Freshman or first-year student
- 2. Sophomore or second-year student
- 3. Junior or third-year student
- 4. Senior or fourth-year student
- 5. Fifth-year student or beyond
- Other type of undergraduate student

Full list of participating organizations is at the end of slides.
**Devices**

**Access to device**

<table>
<thead>
<tr>
<th>Device</th>
<th>0%</th>
<th>25%</th>
<th>50%</th>
<th>75%</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smartphone</td>
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<tr>
<td>Laptop</td>
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<tr>
<td>Desktop</td>
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<tr>
<td>Tablet</td>
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<tr>
<td>Gaming device</td>
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<tr>
<td>Streaming media device</td>
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<tr>
<td>Smartwatch</td>
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<tr>
<td>Hybrid device</td>
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<tr>
<td>AR/VR device</td>
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<tr>
<td>3D printer</td>
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<tr>
<td>Voice-controlled</td>
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<tr>
<td>speaker/assistant</td>
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</tbody>
</table>

**Device used for academic work**

<table>
<thead>
<tr>
<th>Device</th>
<th>Used for all my courses</th>
<th>Used for most of my courses</th>
<th>Used for about half of my courses</th>
<th>Used for at least one course</th>
<th>Did not use at all</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laptop</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Smartphone</td>
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<tr>
<td>Desktop</td>
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<td>Tablet</td>
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</tbody>
</table>

© 2019 % of respondents (incl. MPKK)
IT security

Security training available

- Yes, mandatory training: 17%
- Yes, optional training: 12%
- No: 23%
- Don't know: 48%

n = 3000

In the past 12 months…

- I sometimes let other people use my mobile devices unsupervised.
  - Yes: 0%
  - No: 100%

- I have let someone log in as me to a university service, system, application or website.
  - Yes: 0%
  - No: 100%

- I have given the password or PIN for my computer, tablet, or smartphone to another person.
  - Yes: 0%
  - No: 100%

- I have given my password or PIN for an online account to another person.
  - Yes: 0%
  - No: 100%

Personal device security practice

- In general, I secure my devices with a password, PIN, or biometric security feature.
  - Yes: 100%
  - No: 0%

- I use a password vault or manager to generate and store my passwords.
  - Yes: 100%
  - No: 0%
Technology: Ease of Wi-Fi login

2.3 Ease of login to Wi-Fi network(s) provided by the institution

<table>
<thead>
<tr>
<th>Institution</th>
<th>Excellent</th>
<th>Good</th>
<th>Neutral</th>
<th>Fair</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fin (excl. MPKK)</td>
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<tr>
<td>UNI</td>
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<tr>
<td>UAS</td>
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<tr>
<td>ECAR</td>
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</tbody>
</table>

% based on field of study weight (excl. MPKK)
3.3 What are the most important things for you to have when you are studying?

**Physical spaces**

- Quiet places
- Room to spread out
- Rooms or spaces for collaboration
- Access to snacks and coffee/soda
- A secure place where you can leave your belongings for a short time
- Physical access to reference materials

**IT related services**

- Access to Wi-Fi
- Access to power outlets
- Access to specialized software
- Access to printers
- Mobile phone reception

© 2019 % of respondents (incl. MPKK)
Students’ message to the institution IT

1. Keep devices updated and make their services homogenous.
2. It would be good to have laptops and tablets for loan.
3. Technical support should be available for students online. Possibly also out side the office hours.
4. More power outlets [to charge laptops and phones]
Participants

- Yrkeshögskolan Arcada
- Centria ammattikorkeakoulu
- Haaga-Helia ammattikorkeakoulu
- Metropolia ammattikorkeakoulu
- Humanistinen ammattikorkeakoulu
- Hämeen ammattikorkeakoulu
- Jyväskylän ammattikorkeakoulu
- Kajaanin ammattikorkeakoulu
- Lahden ammattikorkeakoulu
- Lapin ammattikorkeakoulu
- Laurea ammattikorkeakoulu
- Oulun ammattikorkeakoulu
- Saimia ammattikorkeakoulu
- Satakunnan ammattikorkeakoulu
- Savonia ammattikorkeakoulu
- Seinäjoen ammattikorkeakoulu
- Tampereen ammattikorkeakoulu

- Aalto-yliopisto
- LUT yliopisto
- Maanpuolustuskorkeakoulu
- Tampereen yliopisto
- Itä-Suomen yliopisto
- Jyväskylän yliopisto
- Lapin yliopisto
- Oulun yliopisto
- Turun yliopisto