

2nd Survey of Schools – ICT in Education

Project description

The Directorate-General for Communications Networks, Content & Technology (“DG CONNECT”) of the European Commission has assigned Ipsos, an independent market research company, and Deloitte, the world’s largest consultancy firm, to carry out the second Survey of Schools on ICT in Education.

The survey is being carried out in 31 countries (EU28, Iceland, Norway and Turkey) and has the double objective of:

- Assessing progress made in mainstreaming ICT in education compared to the results of the study carried out in 2013 which provided detailed and reliable benchmarking of ICT in school level education across Europe,
- And defining the conditions for the future connected classroom in primary and secondary education (including equipment, broadband requirements, associated training of teachers, and minimum access to content) and provide an estimation of how much it would cost to equip and connect all EU primary and secondary classrooms.

The analysis of the survey outcomes will allow, on the one hand, European and national policy-makers to share practices and data on mainstreaming ICT in schools, and, on the other hand, to understand new online phenomena that affect students such as fake news or online risks.

Ipsos MORI has successfully launched fieldwork in most countries starting November 2017, aiming to finalise by April 2018 at the latest. Adhering to this timeline would allow the time needed for data analysis, with the aim to present the findings to the public on the 17th of September 2018 at a final conference in Brussels.

Survey methodology

In most countries, we aim to interview 400 schools in each country (100 schools in each of the following levels: primary, lower secondary, upper secondary and upper secondary vocational). In each school, we will conduct interviews with Head Teachers, Class Teachers (between one and three teachers per school), students (all students from one randomly selected class per level in each school – apart from primary level), and parents (whose children are attending the same grade as the randomly selected students will be invited for the survey). The survey is being conducted online.

Topics covered by the questionnaires

Please find below the main topics covered by each of the survey questionnaires (head teacher, teacher, student and parent):

Head teacher survey

- Information about the school: school population (number of students and number of teachers); school location (whether in rural or urban area)
- School technology infrastructure: internet access and speed, equipment (number of desktop/laptop computers, tablets etc.), whether or not school have a website, online sharing/learning platforms etc.
- Support (training) of teachers for using ICT
- School strategy when it comes to using ICT in learning
- Personal devices used at school: school policy on using personal devices at school – by students (laptops, smartphones, tablets), policy on blocking/restraining access to certain websites or type of content etc.
- Opinions about the use of ICT for educational purposes
- Head teachers' use of ICT
- School autonomy in pedagogical and technology-related decisions

Teacher survey

- Experience with using ICT for teaching
- Access to ICT for teaching
- Support for using ICT in teaching and learning (trainings, support from other staff members)
- Technology based activities and material used for teaching (use of ICT for research purposes, communication with students and parents, use of online platforms and online materials etc.)
- Use of ICT in teaching and learning
- Potential obstacles to using ICT in teaching and learning
- Teachers' ICT skills
- Opinions and attitudes about the use of ICT in teaching
- Personal background (gender, age, use of ICT outside work)

Student survey

- Experience with using ICT outside school-related activities
- Critical thinking (media use, trust towards news articles accessed via social media)
- Use of ICT at school and for school work
- Using personal devices at school
- Skills and competence in using ICT
- Personal and family background (age, gender, study branch, language used at home, parents' level of education)

Parent survey

- Technologies available at home (internet access, devices, devices the child has access to at home)
- Use of ICT at home
- Assisting children while using ICT at home
- Use of ICT for communication with child
- Monitoring and restrictions when it comes to children's use of ICT and devices
- Opinions and attitudes
- Personal background



Data collection

The data will be anonymous (no names will be included, email addresses or any means of identifying individuals). The datafile will be compiled in SPSS format, and analysed by Deloitte.

Final report

The final report will be drafted by Deloitte, following a structure similar to the one which was implemented for the survey carried out in 2013¹.

Should you have any questions or should you require further information, please do not hesitate to contact Ms Rehana Schwininger-Ladakat (Rehana.SCHWINNINGER-LADAK@ec.europa.eu) at the European Commission or Ms Elena Lucica (elena.lucica@ipsos.com) for Deloitte and Ipsos MORI.

¹ <https://ec.europa.eu/digital-single-market/sites/digital-agenda/files/KK-31-13-401-EN-N.pdf>