

## Variables Listing

### Questionnaire - internal data

Apart from your questions, you will find in the data record additional variables, as far as you have not deactivated this option when downloading the data record.

**CASE** Serial number of the subject

**REF** Reference, if such has been provided in the link to the questionnaire

**LASTPAGE** Page number of the questionnaire that has been edited and sent last

**QUESTNNR** ID of the questionnaire that has been edited

**MODE** Information if the questionnaire has been started by pretest or by a project member

**STARTED** Time the interviewee opened the questionnaire

**FINISHED** Information if the questionnaire has been completed up to the last page

**TIME\_001...** Time that an interviewee has spend on a questionnaire page

Please note that you can not read the internal variables of the questionnaire with the function value(). For interview number and reference there are the PHP functions [PHP function caseNumber\(\)](#) and [PHP function reference\(\)](#)

Details about additional variables can be find in the manual: [Additional Variables in the Data Set](#)

### Section A0: Background Information

[A001] Selection

Age  
"Age"

**A001** Age

- 1 = 18-25
- 2 = 26-35
- 3 = 36-45
- 4 = 46-55
- 5 = 56-65
- 6 = 66 and above
- 9 = Not answered

[A002] Selection

Gender  
"Gender"

**A002** Gender

- 1 = Female
- 2 = Male
- 3 = Non-binary
- 4 = Prefer not to say
- 9 = Not answered

[A003] Selection

Highest educational qualification  
"Highest educational qualification"

**A003** Highest educational qualification

- 1 = Secondary/high school
- 2 = Technical/vocational diploma
- 3 = Bachelor's degree
- 4 = Master's degree
- 5 = PhD
- 9 = Not answered

<b>[A004] Selection</b> <b>Profile of work</b> "Profile of work"
<b>A004 Profile of work</b> 1 = Teacher in a school 2 = Faculty in a college/university - teacher education or training 3 = Faculty in a college/university - other disciplines 4 = Education support personnel (please specify) 5 = Head of a school/college/university 6 = Other (please specify) -9 = Not answered <b>A004_04 Education support personnel (please specify)</b> <b>A004_06 Other (please specify)</b> Free text

<b>[A005] Multiple Choice</b> <b>Sector of work</b> "Please check the option/s that best describe/s the sector that you work in."
<b>A005 Sector of work: Residual option (negative) or number of selected options</b> Integer <b>A005_01 Early childhood care and education</b> <b>A005_02 Primary education</b> <b>A005_03 Secondary education</b> <b>A005_04 Technical and vocational education and training</b> <b>A005_05 Higher education – teacher education</b> <b>A005_06 Higher education – other disciplines/fields</b> 1 = Not checked 2 = Checked

<b>[A006] Selection</b> <b>Years of work experience</b> "Total number of years of work experience in the education sector"
<b>A006 Years of work experience</b> 1 = 5 years and below 2 = 6–10 years 3 = 11–15 years 4 = 16 years and above -9 = Not answered

<b>[A007] Selection</b> <b>Current nature of employment</b> "Current or latest nature of employment"
<b>A007 Current nature of employment</b> 1 = Regular – Full time 2 = Regular – Part time 3 = Contractual – Full time 4 = Contractual – Part time 5 = Currently unemployed (Please specify when you last worked.) 6 = Other (please specify) -9 = Not answered <b>A007_05 Currently unemployed (Please specify when you last worked.)</b> <b>A007_06 Other (please specify)</b> Free text

<b>[A009] Selection</b> <b>Before pandemic employment</b> "Please indicate the terms of your employment prior to the pandemic."
<b>A009 Before pandemic employment</b> 1 = Regular – Full time 2 = Regular – Part time 3 = Contractual – Full time 4 = Contractual – Part time 5 = Unemployed 6 = Other (please specify) -9 = Not answered <b>A009_06 Other (please specify)</b> Free text

**[A010]** Selection  
During pandemic employment  
"Please indicate the terms of your employment at the time of the pandemic."

**A010** During pandemic employment

- 1 = Regular – Full time
- 2 = Regular – Part time
- 3 = Contractual – Full time
- 4 = Contractual – Part time
- 5 = Unemployed
- 6 = Other (please specify)
- 9 = Not answered

**A010\_06** Other (please specify)

Free text

**[A011]** Selection  
Change in employment  
"Did the terms of your employment change due to the pandemic?"

**A011** Change in employment

- 1 = Yes.
- 2 = No.
- 9 = Not answered

**[A012]** Selection  
Type of institution  
"Type of institution of your current or most recent employment"

**A012** Type of institution

- 1 = Government
- 2 = Private
- 3 = Government aided (partly funded or aided by government)
- 4 = Other (please specify)
- 9 = Not answered

**A012\_04** Other (please specify)

Free text

**[A013]** Selection  
Location classification  
"Please indicate your current location."

**A013** Location classification

- 1 = Urban
- 2 = Rural
- 3 = Peri/semi-urban
- 9 = Not answered

[A014] Dropdown Selection  
Country  
"Country"

**A014 Country**

- 1 = Afghanistan
- 2 = Australia
- 3 = Bahrain
- 4 = Bangladesh
- 5 = Brunei Darussalam
- 6 = Cambodia
- 7 = China
- 8 = Cook Islands
- 9 = Fiji
- 10 = India
- 11 = Indonesia
- 12 = Iran
- 13 = Iraq
- 14 = Japan
- 15 = Jordan
- 16 = Kiribati
- 17 = Korea, Republic of
- 18 = Malaysia
- 19 = Mongolia
- 20 = Myanmar
- 21 = Nepal
- 22 = New Zealand
- 23 = Pakistan
- 24 = Papua New Guinea
- 25 = Philippines
- 26 = Samoa
- 27 = Singapore
- 28 = Solomon Islands
- 29 = Sri Lanka
- 30 = Taiwan
- 31 = Thailand
- 32 = Timor-Leste
- 33 = Tonga
- 34 = Tuvalu
- 35 = Vanuatu
- 9 = Not answered

**[A015] Extended Selection****Union**

"Union or organisation of which you are a member"

**A015 Union**

- 1 = Afghanistan
- 2 = Afghanistan → Afghanistan Teacher Support Association (ATSA)
- 3 = Afghanistan → National Teachers Elected Council (NTEC)
- 4 = Australia
- 5 = Australia → Australian Education Union (AEU)
- 6 = Australia → Independent Education Union of Australia (IEU)
- 7 = Australia → National Tertiary Education Union (NTEU)
- 8 = Bahrain
- 9 = Bahrain → Bahrain Teachers Association (BTA)
- 10 = Bangladesh
- 11 = Bangladesh → Bangladesh Teachers' Federation (BTF)
- 12 = Brunei Darussalam
- 13 = Brunei Darussalam → Brunei Malay Teachers' Association (BMTA)
- 14 = Cambodia
- 15 = Cambodia → Cambodia Independent Teachers' Association (CITA)
- 16 = Cambodia → National Educators' Association for Development (NEAD)
- 17 = China
- 18 = China → Hong Kong Professional Teachers' Union (HKPTU)
- 19 = Cook Islands
- 20 = Cook Islands → Cook Islands Teachers Union (CITU)
- 21 = Fiji
- 22 = Fiji → Association of the University of the South Pacific Staff (AUSPS)
- 23 = Fiji → Fiji Teachers' Association (FTA)
- 24 = Fiji → Fiji Teachers' Union (FTU)
- 25 = India
- 26 = India → All India Federation of Educational Associations (AIFEA)
- 27 = India → All India Federation of Teachers Organisations (AIFTO)
- 28 = India → All India Primary Teachers Federation (AIPTF)
- 29 = India → All India Secondary Teachers' Federation (AISTF)
- 30 = Indonesia
- 31 = Indonesia → Persatuan Guru Republik Indonesia (PGRI)
- 32 = Iran
- 33 = Iran → Cooperative Council of Iranian Teachers Trade Associations (CCITTA)
- 34 = Iraq
- 35 = Iraq → Iraqi Teachers Union (ITU)
- 36 = Iraq → Kurdistan Teachers Union (KTU)
- 37 = Japan
- 38 = Japan → Japan Teachers' Union (JTU (NIKKYOSO))
- 39 = Jordan
- 40 = Jordan → General Union of Workers in Teaching (GUWT)
- 41 = Kiribati
- 42 = Kiribati → Kiribati Union of Teachers (KUT)
- 43 = Korea, Republic of
- 44 = Korea, Republic of → Korean Federation of Teachers' Associations (KFTA)
- 45 = Korea, Republic of → Korean Teachers and Education Workers Union (KTU)
- 46 = Malaysia
- 47 = Malaysia → Malaysian Academic Movement (MOVE)
- 48 = Malaysia → Malaysian Association for Education (MAE)
- 49 = Malaysia → National Union of the Teaching Profession (NUTP)
- 50 = Malaysia → Sarawak Teachers' Union (STU)
- 51 = Mongolia
- 52 = Mongolia → Federation of Mongolian Education and Science Unions (FMESU)
- 53 = Myanmar
- 54 = Myanmar → Myanmar Teachers Federation (MTF)
- 55 = Nepal
- 56 = Nepal → Institutional School Teachers Union (ISTU)
- 57 = Nepal → Nepal National Teachers' Association (NNTA)
- 58 = Nepal → Nepal Teachers' Association (NTA)
- 59 = New Zealand
- 60 = New Zealand → Independent Schools Education Association Inc. (ISEA)
- 61 = New Zealand → New Zealand Educational Institute Te Riu Roa (NZEI)
- 62 = New Zealand → New Zealand Post Primary Teachers' Association (NZPPTA)
- 63 = New Zealand → New Zealand Tertiary Education Union (NZTEU)
- 64 = Pakistan
- 65 = Pakistan → All Pakistan Government School Teachers Associations (APGSTA)
- 66 = Pakistan → Federation of All Pakistan Universities Academic Staff Associations (FAPUASA)
- 67 = Pakistan → Pakistan Teachers Organization's Council (PTOC)
- 68 = Papua New Guinea
- 69 = Papua New Guinea → Papua New Guinea Teachers' Association (PNGTA)
- 70 = Philippines
- 71 = Philippines → Alliance of Concerned Teachers (ACT)
- 72 = Philippines → Federation of Free Workers (FFW)
- 73 = Philippines → Philippine Public School Teachers Association (PPSTA)
- 74 = Philippines → SMP-National Alliance of Teachers and Office Workers (SMP-NATOW)
- 75 = Philippines → Teachers Organization of the Philippine Public Sector (TOPPS)
- 76 = Samoa
- 77 = Samoa → Samoa National Teachers' Association (SNTA)
- 78 = Singapore
- 79 = Singapore → Singapore Teachers' Union (STU)
- 80 = Solomon Islands
- 81 = Solomon Islands → Solomon Islands National Teachers Association (SINTA)

82 = Sri Lanka  
 83 = Sri Lanka → All Ceylon Union of English Teachers (ACUET)  
 84 = Sri Lanka → All Ceylon Union of Teachers (Government) (ACUT(G))  
 85 = Sri Lanka → All Ceylon Union of Teachers (ACUT)  
 86 = Sri Lanka → Ceylon Tamil Teachers' Union (CTTU)  
 87 = Sri Lanka → Union of Sri Lanka Teachers Solidarity (USTLS)  
 88 = Taiwan  
 89 = Taiwan → National Teachers Association – R. O. C. (NTA)  
 90 = Thailand  
 91 = Thailand → Private School Teachers' Association of Thailand (PSTAT)  
 92 = Thailand → National Thai Teachers Union (NTTU)  
 93 = Timor-Leste  
 94 = Timor-Leste → East Timor Teachers Union (ETTU)  
 95 = Tonga  
 96 = Tonga → Friendly Islands Teachers' Union (FITA)  
 97 = Tuvalu  
 98 = Tuvalu → Tuvalu Teachers' Association (TTA)  
 99 = Vanuatu  
 100 = Vanuatu → Vanuatu Teachers' Union (VTU)  
 -1 = Not a union member  
 -9 = Not answered

## Section B0: Change in Working Conditions

### [B001] Selection

#### School closures

"Were there any school closures in your state/region/country at the time of the pandemic?"

#### B001 School closures

- 1 = Yes. (Please specify the period of school closure: from \_\_\_ to \_\_\_)  
 2 = No.  
 -9 = Not answered

#### B001\_01 Yes. (Please specify the period of school closure: from \_\_\_ to \_\_\_)

Free text

### [B002] Selection

#### Work setup when schools closed

"Select the statement that best describes the change in your work setup when the schools closed."

#### B002 Work setup when schools closed

- 1 = My work shifted to online mode.  
 2 = My work shifted to non-online distance mode.  
 3 = My work shifted to online and non-online distance mode.  
 4 = My work shifted to small group sessions/classes/contact with students.  
 5 = My work continued as before.  
 6 = Other (please specify)  
 -9 = Not answered

#### B002\_06 Other (please specify)

Free text

### [B003] Multiple Choice

#### Current mode of work

"Which of the following describe/s your current mode of work?"

#### B003 Current mode of work: Residual option (negative) or number of selected options

Integer

#### B003\_01 I work entirely from home.

#### B003\_02 I work partly from home.

#### B003\_03 My work changed from full time to part time.

#### B003\_04 My work changed from part time to full time.

#### B003\_05 My workload has increased.

#### B003\_06 My workload has decreased.

#### B003\_07 My workload has not changed.

#### B003\_08 I am currently unemployed.

#### B003\_09 Other/s (please specify)

- 1 = Not checked  
 2 = Checked

#### B003\_09a Other/s (please specify) (free text)

Free text

**[B004]** Scale (fully labeled)

Work hours

"Average number of hours you work/ed per day during the following periods:"

**B004\_01** Before the pandemic

**B004\_02** At the time of the pandemic

**B004\_03** At present

- 1 = Less than 8 hours
- 2 = 8–10 hours
- 3 = Over 10 hours
- 9 = Not answered

**[B005]** Scale (fully labeled)

Work hours online or with devices

"Average number of hours you spend/spent online or using a computer or digital devices for work during the fo..."

**B005\_01** Before the pandemic

**B005\_02** At the time of the pandemic

**B005\_03** At present

- 1 = Less than 8 hours
- 2 = 8–10 hours
- 3 = Over 10 hours
- 9 = Not answered

**[B006]** Scale (fully labeled)

Work at the time of the pandemic (scale)

"Work at the time of the pandemic"

**B006\_01** My work is done efficiently without distractions.

**B006\_02** I am able to attend to my family needs better.

**B006\_03** I am worried about losing my job.

**B006\_04** I find it difficult to manage work and home responsibilities.

**B006\_05** I feel stressed about the future of my career.

**B006\_06** I have the help and support of my family.

**B006\_07** I am able to manage my work well.

**B006\_08** The quality of my work has declined.

- 1 = Strongly Disagree
- 2 = Disagree
- 3 = Neither Agree nor Disagree
- 4 = Agree
- 5 = Strongly Agree
- 9 = Not answered

**[B007]** Scale (fully labeled)

Experience rating

"Experience of working at the time of the pandemic"

**B007\_01** Rate your experience of working at the time of the pandemic on a scale from 'very easy' to 'very difficult'.

- 1 = Very easy
- 2 = Easy
- 3 = Neither easy nor difficult
- 4 = Difficult
- 5 = Very difficult
- 9 = Not answered

**[B010]** Selection

Reduction in pay

"Was there a reduction in your salary/pay or other compensation at the time of the pandemic?"

**B010** Reduction in pay

- 1 = Yes.
- 2 = No.
- 9 = Not answered

<b>[B011]</b> Selection <b>Percent reduction in pay</b> "What was the percentage of reduction in your total earnings?"
<b>B011</b> Percent reduction in pay 1 = 25% and below 2 = 26 to 50% 3 = 51 to 75% 4 = Above 75% -9 = Not answered

<b>[B012]</b> Multiple Choice <b>Pay items reduced</b> "What specific component/s of your salary/pay or other compensation was/were reduced?"
<b>B012</b> Pay items reduced: Residual option (negative) or number of selected options Integer <b>B012_01</b> Basic salary <b>B012_02</b> Housing allowance <b>B012_03</b> Health benefits <b>B012_04</b> Other allowances (travel, stationery, etc.) <b>B012_05</b> Bonus <b>B012_06</b> Annual increment/raise in salary <b>B012_07</b> Other/s (please specify) 1 = Not checked 2 = Checked <b>B012_07a</b> Other/s (please specify) (free text) Free text

<b>[B013]</b> Multiple Choice <b>Economic difficulty</b> "Did you face economic difficulty due to any of the following reasons?"
<b>B013</b> Economic difficulty : Residual option (negative) or number of selected options -1 = None of the above <b>B013_01</b> Loss of job or reduction in salary of family member/s <b>B013_02</b> Increased expenses related to COVID-19 preventive measures <b>B013_03</b> Increased expenses due to health care related to COVID-19 (testing, medications, hospitalisation) <b>B013_04</b> Expenses due to lockdown and travel restrictions <b>B013_05</b> Other/s (please specify) 1 = Not checked 2 = Checked <b>B013_05a</b> Other/s (please specify) (free text) Free text

## Section C0: Digital Technology/ICT Access and Skills

<b>[C001]</b> Multiple Choice <b>Devices with access for work</b> "Which of the following devices do you have access to for your work?"
<b>C001</b> Devices with access for work: Residual option (negative) or number of selected options -1 = None of the above <b>C001_01</b> Personal desktop computer <b>C001_02</b> Laptop <b>C001_03</b> Tablet <b>C001_04</b> Smartphone <b>C001_05</b> Basic mobile phone <b>C001_06</b> Desk phone <b>C001_07</b> Other ICT devices (please specify) 1 = Not checked 2 = Checked <b>C001_07a</b> Other ICT devices (please specify) (free text) Free text

**[C002] Ranking****Devices use ranking**

"Rank the devices you use the most for your work from 1 being 'most used' to 5 being 'least used'."

**C002\_01** Personal desktop computer

**C002\_02** Laptop

**C002\_03** Tablet

**C002\_04** Smartphone

**C002\_05** Basic mobile phone

**C002\_06** Desk phone

**C002\_07** Other ICT devices

1 = Rank 1

2 = Rank 2

3 = Rank 3

4 = Rank 4

5 = Rank 5

-9 = Not ranked

**[C003] Selection****Access/ownership of devices**

"I own/have access to the devices needed for my work."

**C003** Access/ownership of devices

1 = All the time or most of the time

2 = Sometimes

3 = None of the time

-9 = Not answered

**[C004] Selection****Source of devices**

"I have been provided the devices needed for my work."

**C004** Source of devices

1 = Yes. (Please specify the source of the device/s.)

2 = No.

-9 = Not answered

**C004\_01** Yes. (Please specify the source of the device/s.)

Free text

**[C005] Multiple Choice Matrix****Digital tech used**

"Which are the digital technologies you used during the indicated periods?"

**C005\_01\_CN** Number of selected options or code for residual option (if < 0) for:

Computer/laptop/tablet

**C005\_02\_CN** Number of selected options or code for residual option (if < 0) for: Smartphone

**C005\_03\_CN** Number of selected options or code for residual option (if < 0) for: Internet search (e.g., Google, Bing)

**C005\_04\_CN** Number of selected options or code for residual option (if < 0) for: Video platforms (e.g., YouTube, Vimeo)

**C005\_05\_CN** Number of selected options or code for residual option (if < 0) for: Social media (e.g., Facebook, Twitter)

**C005\_06\_CN** Number of selected options or code for residual option (if < 0) for: Social communication tools (e.g., WhatsApp, Telegram, Signal, Facebook Messenger)

**C005\_07\_CN** Number of selected options or code for residual option (if < 0) for: Learning management systems (e.g., virtual classrooms such as Moodle, Google Classroom, Canvas)

**C005\_08\_CN** Number of selected options or code for residual option (if < 0) for: Digital learning software (e.g., Byju's, Khan Academy, Unacademy, Jolly Phonics, Vedantu, Toppr, Brilliant)

**C005\_09\_CN** Number of selected options or code for residual option (if < 0) for: Programs for video contact in real time (e.g., Zoom, Microsoft Teams, Google Meet)

**C005\_10\_CN** Number of selected options or code for residual option (if < 0) for: Computer applications (e.g., word processor, spreadsheet [Excel], presentation [PowerPoint])

0 = Not answered

-1 = Never used

**C005\_01\_1** Computer/laptop/tablet/Before the pandemic

**C005\_01\_2** Computer/laptop/tablet/At the time of the pandemic

**C005\_02\_1** Smartphone/Before the pandemic

**C005\_02\_2** Smartphone/At the time of the pandemic

**C005\_03\_1** Internet search (e.g., Google, Bing)/Before the pandemic

**C005\_03\_2** Internet search (e.g., Google, Bing)/At the time of the pandemic

**C005\_04\_1** Video platforms (e.g., YouTube, Vimeo)/Before the pandemic

**C005\_04\_2** Video platforms (e.g., YouTube, Vimeo)/At the time of the pandemic

**C005\_05\_1** Social media (e.g., Facebook, Twitter)/Before the pandemic

**C005\_05\_2** Social media (e.g., Facebook, Twitter)/At the time of the pandemic

**C005\_06\_1** Social communication tools (e.g., WhatsApp, Telegram, Signal, Facebook Messenger)/Before the pandemic

**C005\_06\_2** Social communication tools (e.g., WhatsApp, Telegram, Signal, Facebook Messenger)/At the time of the pandemic

**C005\_07\_1** Learning management systems (e.g., virtual classrooms such as Moodle, Google Classroom, Canvas)/Before the pandemic

**C005\_07\_2** Learning management systems (e.g., virtual classrooms such as Moodle, Google Classroom, Canvas)/At the time of the pandemic

**C005\_08\_1** Digital learning software (e.g., Byju's, Khan Academy, Unacademy, Jolly Phonics, Vedantu, Toppr, Brilliant)/Before the pandemic

**C005\_08\_2** Digital learning software (e.g., Byju's, Khan Academy, Unacademy, Jolly Phonics, Vedantu, Toppr, Brilliant)/At the time of the pandemic

**C005\_09\_1** Programs for video contact in real time (e.g., Zoom, Microsoft Teams, Google Meet)/Before the pandemic

**C005\_09\_2** Programs for video contact in real time (e.g., Zoom, Microsoft Teams, Google Meet)/At the time of the pandemic

**C005\_10\_1** Computer applications (e.g., word processor, spreadsheet [Excel], presentation [PowerPoint])/Before the pandemic

**C005\_10\_2** Computer applications (e.g., word processor, spreadsheet [Excel], presentation [PowerPoint])/At the time of the pandemic

1 = Not checked

2 = Checked

**[C006] Scale (fully labeled)**

**Digital tech skills**

"Please rank your skills in the digital technologies given below using the following scale from 'novice' to '...'"

**C006\_01** Computer/laptop/tablet

**C006\_02** Smartphone

**C006\_03** Internet search (e.g., Google, Bing)

**C006\_04** Video platforms (e.g., YouTube, Vimeo)

**C006\_05** Social media (e.g., Facebook, Twitter)

**C006\_06** Social communication tools (e.g., WhatsApp, Telegram, Signal, Facebook Messenger)

**C006\_07** Learning management systems (e.g., virtual classrooms such as Moodle, Google Classroom, Canvas)

**C006\_08** Digital learning software

**C006\_09** Programs for video contact in real time (e.g., Zoom, Microsoft Teams, Google Meet)

**C006\_10** Computer applications (e.g., word processor, spreadsheet [Excel], presentation [PowerPoint])

1 = Novice

2 = Advanced beginner

3 = Competent

4 = Proficient

5 = Expert

-9 = Not answered

**[C007] Selection**

**How digital tech was learned**

"How did you learn how to use the digital technologies required for work?"

**C007** How digital tech was learned

1 = Learnt through professional development courses offered by my institution

2 = Learnt through my own initiative paid for by my institution

3 = Learnt through my own initiative at my own cost

4 = Learnt on my own with help from others

5 = Still struggling to learn on my own

-1 = Not applicable

-9 = Not answered

**[C008] Selection**

**Spending out of pocket**

"Have you spent out of pocket (not reimbursed by your institution) on devices and/or materials for your work ..."

**C008** Spending out of pocket

1 = Yes

2 = No

-9 = Not answered

**[C009] Multiple Choice**

**Items spent for**

"For what devices and/or materials have you spent out of pocket at the time of the pandemic?"

**C009** Items spent for: Residual option (negative) or number of selected options

Integer

**C009\_01** Smartphone

**C009\_02** Laptop/desktop

**C009\_03** Internet devices (e.g., router, modem, portable Wi-Fi)

**C009\_04** Software

**C009\_05** Printer

**C009\_06** Printing

**C009\_07** Books/stationery

**C009\_08** Other/s (please specify)

1 = Not checked

2 = Checked

**C009\_08a** Other/s (please specify) (free text)

Free text

**[C010]** Scale (fully labeled)

Digital tech challenges

"Do you face any of the following challenges with regards to using digital technologies/ICT for your work?"

**C010\_01** Power supply

**C010\_02** Internet bandwidth

**C010\_03** Access to devices

**C010\_04** Devices not working properly

**C010\_05** Access to learning resources

**C010\_06** Lack of professional development opportunities

1 = Not at all challenging

2 = Somewhat challenging

3 = Highly challenging

-9 = Not answered

**[C011]** Selection

Support on digital tech

"Do you receive technical support with the use of digital technologies/ICT for your work?"

**C011** Support on digital tech

1 = Yes. (Please specify the source of support.)

2 = Sometimes.

3 = Never.

4 = I do not need any support.

-9 = Not answered

**C011\_01** Yes. (Please specify the source of support.)

Free text

## Section D0: Professional Development in Education Technology

**[D001]** Selection

Training in digital tech

"Have you received any training in the use of digital technologies in education?"

**D001** Training in digital tech

1 = Yes

2 = No

3 = Don't know/can't say

-9 = Not answered

**[D002]** Multiple Choice

Training source

"Which institution or agency provided the professional development in digital technologies in education?"

**D002** Training source: Residual option (negative) or number of selected options

-1 = Don't know/can't say

**D002\_01** Government departments

**D002\_02** School/college/university where you work

**D002\_03** Teacher training institutions

**D002\_04** Private companies

**D002\_05** Teacher unions

**D002\_06** Professional networks

**D002\_07** Informal communities

1 = Not checked

2 = Checked

**[D003]** Selection

Frequency of professional development

"What is the frequency of professional development activities that you typically have?"

**D003** Frequency of professional development

1 = More than once a year

2 = Once a year

3 = Once in two years

4 = Never

-9 = Not answered

<b>[D004]</b> Scale (fully labeled) <b>Priority professional development</b> "The following are areas of professional development in relation to the use of digital technologies in educat..."
<b>D004_01</b> Professional engagement: using digital technologies for communication, collaboration and professional development. <b>D004_02</b> Digital resources: selecting, creating/modifying, protecting and sharing digital resources. <b>D004_03</b> Teaching and learning: managing and orchestrating the use of digital technologies in teaching and learning. <b>D004_04</b> Assessment: using digital technologies and strategies to enhance assessment. <b>D004_05</b> Empowering learners: using digital technologies to enhance inclusion, individualisation and learners' active engagement. <b>D004_06</b> Facilitating learners' digital competence: enabling learners to creatively and responsibly use digital technologies for information, communication, content creation, wellbeing and problem-solving.  1 = Low/Not a priority 2 = Medium priority 3 = High priority -9 = Not answered

## Section E0: Expectations with Regards to Change in Working Conditions

<b>[E001]</b> Ranking <b>Concerns about work</b> "What are your main concerns with regards to your work in the future?"
<b>E001_01</b> Shift in mode of work to remote work or work from home <b>E001_02</b> Change in content and/or nature of work <b>E001_03</b> Increased duration of work <b>E001_04</b> Reduced compensation <b>E001_05</b> Increased workload <b>E001_06</b> Loss of job and/or career <b>E001_07</b> Loss of autonomy or freedom of work <b>E001_08</b> Lack of interactions with co-workers or students  1 = Rank 1 2 = Rank 2 3 = Rank 3 -9 = Not ranked

<b>[E002]</b> Selection <b>Expectation of change in work</b> "Do you expect that the increase in the use of digital technologies in education will continue in the future?"
<b>E002</b> Expectation of change in work  1 = Yes 2 = No 3 = Don't know/can't say -9 = Not answered

<b>[E003]</b> Selection <b>Preparedness for change in work</b> "How prepared do you think you are for the changes in work in the future?"
<b>E003</b> Preparedness for change in work  1 = Well prepared 2 = Somewhat prepared 3 = Not prepared 4 = Don't know/can't say -9 = Not answered

**[E004] Multiple Choice**

**Needs for work in the future**

"What do you need the most to equip yourself for work in the future?"

**E004** Needs for work in the future: Residual option (negative) or number of selected options

Integer

**E004\_01** Access to ICT devices

**E004\_02** Professional knowledge

**E004\_03** Technical support

**E004\_04** Professional autonomy

**E004\_05** Better working conditions

**E004\_06** Professional skills

1 = Not checked

2 = Checked

**[E005] Ranking**

**Online work concerns rank**

"What are your main concerns with respect to the increase in the online mode of work, including online teachi..."

**E005\_01** Cyberbullying and online harassment

**E005\_02** Health concerns (e.g., technostress and screen time)

**E005\_03** Online data privacy concerns

**E005\_04** Workload intensification

**E005\_05** Work-life balance

1 = Rank 1

2 = Rank 2

3 = Rank 3

4 = Rank 4

5 = Rank 5

-9 = Not ranked

**[E006] Scale (fully labeled)**

**Student challenges with tech**

"At the time of the pandemic, do/did your students face/d the challenges listed below?"

**E006\_01** Lack of access to devices

**E006\_02** Poor internet or bandwidth issues

**E006\_03** Difficulties in using digital devices

**E006\_04** Difficulties in using the online learning platforms (e.g., Zoom, Google Classroom)

**E006\_05** Lack of space to study

**E006\_06** Economic pressures in their family

1 = None of the students

2 = Some students

3 = About half of the students

4 = Most of the students

-9 = Not answered

**[E008] Multiple Choice**

**Devices needed for work**

"What are the devices/software and amenities you need to do your work effectively?"

**E008** Devices needed for work: Residual option (negative) or number of selected options

Integer

**E008\_01** Smartphone

**E008\_02** Laptop/desktop

**E008\_03** Internet devices (e.g., router, modem, portable Wi-Fi)

**E008\_04** Software/s

**E008\_05** Printer

**E008\_06** Office table and chair

**E008\_07** Books/stationery

**E008\_08** Other/s (please specify)

1 = Not checked

2 = Checked

**E008\_08a** Other/s (please specify) (free text)

Free text

<p><b>[E009] Scale (fully labeled)</b>  <b>Students' remote learning</b>          "Were your students able to adapt to digital/remote learning with respect to the aspects given below?"</p>
<p><b>E009_01</b> Participating in online sessions  <b>E009_02</b> Accessing textbooks, worksheets, learning materials, etc.  <b>E009_03</b> Asking questions/clarifications  <b>E009_04</b> Interacting and collaborating with peers  <b>E009_05</b> Confidently using audio/video during online sessions  <b>E009_06</b> Completing assignments/homework</p> <p>1 = None of the students          2 = Some students          3 = About half of the students          4 = Most of the students          -9 = Not answered</p>

<p><b>[E010] Multiple Choice</b>  <b>Students' needs to adapt</b>          "What do your students require to better adapt to digital/remote learning?"</p>
<p><b>E010</b> Students' needs to adapt: Residual option (negative) or number of selected options          -1 = None of the above</p> <p><b>E010_01</b> Providing devices in working condition  <b>E010_02</b> Providing stable internet connection  <b>E010_03</b> Creating safe physical spaces for learning (e.g., public libraries, community halls, micro classrooms in their locality)  <b>E010_04</b> Providing skills to manage time and tasks  <b>E010_05</b> Help with minimising distractions due to social media, gaming, etc.  <b>E010_06</b> Other/s (please specify)          1 = Not checked          2 = Checked</p> <p><b>E010_06a</b> Other/s (please specify) (free text)          Free text</p>

**Section F0: Safety and Wellbeing**

<p><b>[F001] Multiple Choice</b>  <b>Wellbeing concerns</b>          "Which of the following are you most concerned about at the time of the pandemic?"</p>
<p><b>F001</b> Wellbeing concerns: Residual option (negative) or number of selected options          Integer</p> <p><b>F001_01</b> Job stability  <b>F001_02</b> Doing my job well  <b>F001_03</b> My students' learning  <b>F001_04</b> Economic situation  <b>F001_05</b> Health and safety  <b>F001_06</b> Emotional wellbeing          1 = Not checked          2 = Checked</p>

<p><b>[F002] Multiple Choice</b>  <b>Reached out to whom</b>          "Did you reach out to anyone to share your concerns?"</p>
<p><b>F002</b> Reached out to whom: Residual option (negative) or number of selected options          -1 = No one</p> <p><b>F002_01</b> Family  <b>F002_02</b> Friends  <b>F002_03</b> Colleagues  <b>F002_04</b> Institute administration/leadership  <b>F002_05</b> Union  <b>F002_06</b> Professional associations  <b>F002_07</b> Parents/community  <b>F002_08</b> Professional counselling and/or guidance          1 = Not checked          2 = Checked</p>

**[F003]** Multiple Choice  
Who approached for help  
"Has anyone approached you to share their concerns?"

**F003** Who approached for help: Residual option (negative) or number of selected options

-1 = No one

**F003\_01** Family

**F003\_02** Friends

**F003\_03** Colleagues

**F003\_04** Students

**F003\_05** Parents/community

1 = Not checked

2 = Checked

**[F005]** Multiple Choice  
Health concerns  
"What are your concerns about your physical and mental health in view of the pandemic?"

**F005** Health concerns: Residual option (negative) or number of selected options

-1 = None of the above

**F005\_01** Exposure to unsafe workspaces

**F005\_02** Lack of facilities for handwashing/sanitation at workplace

**F005\_03** Availability of masks and sanitisers at workplace (for staff and students)

**F005\_04** Lack of access to health care for myself and family

**F005\_05** Worsening/deterioration of mental health conditions

**F005\_06** Increase in use of tobacco, alcohol and/or other substances

**F005\_07** Staying connected to my family and community

**F005\_08** Increase in domestic violence/abuse

**F005\_09** Getting professional help for physical and mental wellbeing

**F005\_10** Getting professional help to cope with grief and loss

1 = Not checked

2 = Checked

**[F006]** Multiple Choice  
Work-life balance  
"What are the challenges you face in maintaining work-life balance during the pandemic?"

**F006** Work-life balance: Residual option (negative) or number of selected options

-1 = None of the above

**F006\_01** Lack of separate workspace

**F006\_02** Maintaining a schedule/routine

**F006\_03** Working without adequate breaks

**F006\_04** Lack of separation between work life and personal life

**F006\_09** Inability to properly disconnect from work

**F006\_10** Being constantly accessible to work/colleagues/students

**F006\_05** Privacy concerns due to digital and online mode of work

**F006\_06** Increase in domestic responsibilities

**F006\_07** Increase in childcare responsibilities

**F006\_08** Increase in care for older dependents

1 = Not checked

2 = Checked

## Section G0: Teaching and Curriculum

**[G002]** Selection  
Teacher or not  
"Do/did you teach in the online mode at the time of the pandemic?"

**G002** Teacher or not

1 = Yes

2 = No

-9 = Not answered

**[G003] Multiple Choice****Discipline taught**

"In what disciplinary area/s do you work?"

**G003** Discipline taught: Residual option (negative) or number of selected options

Integer

**G003\_01** Arts

**G003\_02** Humanities

**G003\_03** Sciences

**G003\_04** Social Sciences

**G003\_05** Professional courses in education

**G003\_06** Professional courses in other disciplines

**G003\_07** Other/s (please specify)

1 = Not checked

2 = Checked

**G003\_07a** Other/s (please specify) (free text)

Free text

**[G004] Multiple Choice****Support to teacher**

"Do you have support for your professional needs as a teacher?"

**G004** Support to teacher: Residual option (negative) or number of selected options

-1 = No one

**G004\_01** Colleagues

**G004\_02** Institute administration/leadership

**G004\_03** Union

**G004\_04** Professional groups

**G004\_05** Other/s (please specify)

1 = Not checked

2 = Checked

**G004\_05a** Other/s (please specify) (free text)

Free text

**[G005] Selection****Curricular materials in language needed**

"Do/did you have sufficient access to curricular materials in the language in which your students are comfort..."

**G005** Curricular materials in language needed

1 = Yes

2 = No

-9 = Not answered

**[G006] Multiple Choice****Materials used**

"Which of the following resources for teaching have you used at the time of the pandemic?"

**G006** Materials used: Residual option (negative) or number of selected options

-1 = None of the above

**G006\_01** Textbooks prescribed by your school

**G006\_02** Offline learning packages from private providers or NGOs

**G006\_03** Worksheets or workbooks from sources outside your school

**G006\_04** Used locally available resources

**G006\_05** Materials you created on your own

**G006\_06** Other (please specify)

1 = Not checked

2 = Checked

**G006\_06a** Other (please specify) (free text)

Free text

**[G007]** Scale (fully labeled)

**Teaching challenges**

"What has been your experience with respect to the following specific aspects of online/remote teaching?"

**G007\_01** Availability of sufficient resources in the digital medium

**G007\_02** Online discussions with students

**G007\_03** Conducting practicum/lab

**G007\_04** Use of digital platforms/software

**G007\_05** Conducting assessments

**G007\_06** Maintaining/establishing relationship with students

- 1 = Not challenging
- 2 = Somewhat challenging
- 3 = Most challenging
- 1 = Not applicable
- 9 = Not answered

**[G008]** Text Input

**Online teaching strategies**

"Have you used any specific strategies to improve the online learning experience for your students? If yes, p..."

**G008\_01** [01]

Free text

**[G011]** Selection

**Self-learning**

"How often do you access online resources (e.g., courses, videos, tools) for self-learning?"

**G011** Self-learning

- 1 = Often
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 9 = Not answered

**[G012]** Multiple Choice

**Addressing challenges**

"What can be done to address challenges of the online/remote mode of teaching?"

**G012** Addressing challenges: Residual option (negative) or number of selected options

Integer

**G012\_01** Provide adequate resources for teachers in the digital medium

**G012\_02** Support in adapting to the online/remote mode of teaching

**G012\_03** Support in attending to students' learning needs

**G012\_04** Support in assessment and evaluation in the online mode

**G012\_05** Curricular revisions better suited to online/remote teaching

**G012\_06** Other/s (please specify)

- 1 = Not checked
- 2 = Checked

**G012\_06a** Other/s (please specify) (free text)

Free text

**[G013]** Scale (fully labeled)

**Experience rating for online teaching**

"Experience of online/remote teaching at the time of the pandemic"

**G013\_01** Rate your overall experience with online/remote teaching due to the pandemic on a scale from 'very easy' to 'very difficult'.

- 1 = Very easy
- 2 = Easy
- 3 = Neither easy nor difficult
- 4 = Difficult
- 5 = Very difficult
- 9 = Not answered

**[G014]** Selection

**Duration of training needed**

"What is the duration of training that you will need to adopt skills for the online/remote mode of teaching?"

**G014** Duration of training needed

- 1 = More than a year
- 2 = Six months to one year
- 3 = One or two months
- 4 = Few weeks
- 5 = Other (please specify)
- 9 = Not answered

**G014\_05** Other (please specify)

Free text