

## SDG Goal 4 Quality education

**SDG Target 4.4** By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship

**SDG Indicator 4.4.1** Proportion of youth and adults with information and communications technology (ICT) skills, by type of skill

1. Name of data series	
<b>Proportion of persons (10 years and older) copying or moving files and folders in the last 12 months</b>	
Compliant with SDG metadata: Yes	<a href="#">SDG Metadata</a>

2. Definition of indicator	
The indicator measures the percentage of persons 10 years and older who have been copying or moving files and folders at a computer within the last 12 months.	
3. Comparison with SDG indicator (as of 02/03/2018)	
The age group of the data series does not match but contains the one in the metadata of the SDG indicator. Next to that, the data series is compliant with the SDG indicator.	

4. Data description	
The Data is taken from the special section on ICT-skills in the Microcensus. The Microcensus is an inquiry directed to households, designed to obtain information on the labour market and related issues through a series of personal interviews with a sample of 1 %. The Microcensus is designed as a multi-topic survey, integrating many different subject fields.	
5. Calculation method	
$\text{Proportion of persons with ICT-skills} = \frac{\text{Persons aged 10 years and older with ICT-skills}}{\text{Total Population aged 10 years and older}} \times 100$	
6. Unit of measure	Percentage

7. Timeliness	8. Frequency
t + 9 months	Annual
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
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Only available in German: <a href="https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf">https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf</a>
12. Metadata on source data
ICT-skills (only available in German): <a href="https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf">https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf</a>
13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
<p>4.4.1 Proportion of persons (10 years and older) installing software or apps in the last 12 months</p> <p>4.4.1 Proportion of persons (10 years and older) creating electronic presentations or documents with text, images, tables or charts in the last 12 months</p> <p>4.4.1 Proportion of persons (10 years and older) transferring files between a computer or other devices in the last 12 months</p> <p>4.4.1 Proportion of persons (10 years and older) writing a computer program using a programming language in the last 12 months</p>

For more information please contact:

<https://www.destatis.de/EN/Service/Contact/Contact.html>

## SDG Goal 4 Quality education

**SDG Target 4.4** By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship

**SDG Indicator 4.4.1** Proportion of youth and adults with information and communications technology (ICT) skills, by type of skill

1. Name of data series	
<b>Proportion of persons (10 years and older) installing software or apps in the last 12 months</b>	
Compliant with SDG metadata: yes	<a href="#">SDG Metadata</a>

2. Definition of indicator
The indicator measures the percentage of persons 10 years and older who have been installing software or apps within the last 12 months.
3. Comparison with SDG indicator (as of 02/03/2018)
The age group of the data series does not match but contains the one in the metadata of the SDG indicator. Next to that, the data series is compliant with the SDG indicator.

4. Data description	
The Data is taken from the special section on ICT-skills in the Microcensus. The Microcensus is an inquiry directed to households, designed to obtain information on the labour market and related issues through a series of personal interviews with a sample of 1 %. The Microcensus is designed as a multi-topic survey, integrating many different subject fields.	
5. Calculation method	
$\text{Proportion of persons with ICT-skills} = \frac{\text{Persons aged 10 years and older with ICT-skills}}{\text{Total Population aged 10 years an older}} \times 100$	
6. Unit of measure	Percent

7. Timeliness	8. Frequency
t + 9 months	Annual
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
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12. Metadata on source data
ICT-skills (only available in German): <a href="https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf">https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf</a>
13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
<p>4.4.1 Proportion of persons (10 years and older) copying or moving files and folders in the last 12 months</p> <p>4.4.1 Proportion of persons (10 years and older) creating electronic presentations or documents with text, images, tables or charts in the last 12 months</p> <p>4.4.1 Proportion of persons (10 years and older) transferring files between a computer or other devices in the last 12 months</p> <p>4.4.1 Proportion of persons (10 years and older) writing a computer program using a programming language in the last 12 months</p>

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## SDG Goal 4 Quality education

**SDG Target 4.4** By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship

**SDG Indicator 4.4.1** Proportion of youth and adults with information and communications technology (ICT) skills, by type of skill

1. Name of data series	
<b>Proportion of persons (10 years and older) creating electronic presentations or documents with text, images, tables or charts in the last 12 months</b>	
Compliant with SDG metadata: yes	<a href="#">SDG Metadata</a>

2. Definition of indicator	
The indicator measures the percentage of persons 10 years and older creating electronic presentations or documents with text, images, tables or charts at a computer within the last 12 months.	
3. Comparison with SDG indicator (as of 02/03/2018)	
The age group of the data series does not match but contains the one in the metadata of the SDG indicator. Next to that, the data series is compliant with the SDG indicator.	

4. Data description	
The Data is taken from the special section on ICT-skills in the Microcensus. The Microcensus is an inquiry directed to households, designed to obtain information on the labour market and related issues through a series of personal interviews with a sample of 1 %. The Microcensus is designed as a multi-topic survey, integrating many different subject fields.	
5. Calculation method	
$\text{Proportion of persons with ICT-skills} = \frac{\text{Persons aged 10 years and older with ICT-skills}}{\text{Total Population aged 10 years and older}} \times 100$	
6. Unit of measure	Percent

7. Timeliness	8. Frequency
t + 9 months	Annual
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
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Only available in German:

<https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf>

#### 12. Metadata on source data

ICT-skills (only available in German):

<https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf>

#### 13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)

4.4.1 Proportion of persons (10 years and older) copying or moving files and folders in the last 12 months

4.4.1 Proportion of persons (10 years and older) installing software or apps in the last 12 months

4.4.1 Proportion of persons (10 years and older) transferring files between a computer or other devices in the last 12 months

4.4.1 Proportion of persons (10 years and older) writing a computer program using a programming language in the last 12 months

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**SDG Indicator 4.4.1** Proportion of youth and adults with information and communications technology (ICT) skills, by type of skill

14. Name of data series	
<b>Proportion of persons (10 years and older) transferring files between a computer or other devices in the last 12 months</b>	
Compliant with SDG metadata: yes	<a href="#">SDG Metadata</a>

15. Definition of indicator
The indicator measures the percentage of persons 10 years and older transferring files between a computer or other devices at a computer within the last 12 months.
16. Comparison with SDG indicator (as of 02/03/2018)
The age group of the data series does not match but contains the one in the metadata of the SDG indicator. Next to that, the data series is compliant with the SDG indicator.

17. Data description	
The Data is taken from the special section on ICT-skills in the Microcensus. The Microcensus is an inquiry directed to households, designed to obtain information on the labour market and related issues through a series of personal interviews with a sample of 1 %. The Microcensus is designed as a multi-topic survey, integrating many different subject fields.	
18. Calculation method	
$\text{Proportion of persons with ICT-skills} = \frac{\text{Persons aged 10 years and older with ICT-skills}}{\text{Total Population aged 10 years an older}} \times 100$	
19. Unit of measure	Percent

20. Timeliness	21. Frequency
t + 9 months	Annual
22. Last regular revision	23. Revised period
Not applicable	Not applicable

24. Accessibility of source data
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25. Metadata on source data
ICT-skills (only available in German): <a href="https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf">https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Einkommen-Konsum-Lebensbedingungen/IT-Nutzung/Publikationen/Downloads-IT-Nutzung/private-haushalte-ikt-2150400187004.pdf</a>
26. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
<p>4.4.1 Proportion of persons (10 years and older) copying or moving files and folders in the last 12 months</p> <p>4.4.1 Proportion of persons (10 years and older) installing software or apps in the last 12 months</p> <p>4.4.1 Proportion of persons (10 years and older) creating electronic presentations or documents with text, images, tables or charts in the last 12 months</p> <p>4.4.1 Proportion of persons (10 years and older) writing a computer program using a programming language in the last 12 months</p>

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**SDG Indicator 4.4.1** Proportion of youth and adults with information and communications technology (ICT) skills, by type of skill

27. Name of data series	
<b>Proportion of persons (10 years and older) writing a computer program using a programming language in the last 12 months</b>	
Compliant with SDG metadata: yes	<a href="#">SDG Metadata</a>

28. Definition of indicator
The indicator measures the percentage of persons 10 years and older writing a computer program using a programming language within the last 12 months.
29. Comparison with SDG indicator (as of 02/03/2018)
The age group of the data series does not match but contains the one in the metadata of the SDG indicator. Next to that, the data series is compliant with the SDG indicator.

30. Data description	
The Data is taken from the special section on ICT-skills in the Microcensus. The Microcensus is an inquiry directed to households, designed to obtain information on the labour market and related issues through a series of personal interviews with a sample of 1 %. The Microcensus is designed as a multi-topic survey, integrating many different subject fields.	
31. Calculation method	
$\text{Proportion of persons with ICT-skills} = \frac{\text{Persons aged 10 years and older with ICT-skills}}{\text{Total Population aged 10 years an older}} \times 100$	
32. Unit of measure	Percent

33. Timeliness	34. Frequency
t + 9 months	Annual
35. Last regular revision	36. Revised period
Not applicable	Not applicable

37. Accessibility of source data
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38. Metadata on source data
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