

The following table provides the correspondance<sup>1</sup> between the indicators of the **OECD database on ICT Access and Usage by Businesses** and the variables used in the Eurostat database. *Latest revision: December 2023.*

1. For any change in correspondance, a break in series has been added in the OECD database.

Code OECD ICT Indicator	Code variable EUROSTAT	Change in correspondance	Title (EUROSTAT)	Title (OECD)
A1	P_CUSE		Persons employed using computers	Persons employed regularly using a computer in their work
A2	E_BROAD2		Enterprises with broadband access (fixed or mobile)	Businesses with a broadband connection (includes both fixed and mobile)
A2	E_BROAD3	from 2018 onwards	Connect to the Internet via fixed or mobile broadband	
A2a	E_BROAD		Enterprises Internet connection: fixed broadband access	Businesses with a wired or fixed wireless broadband connection
A2a	E_FIXBB	from 2014 onwards		
A2b	E_MOBBB		Enterprises connecting to the Internet via a mobile broadband connection (3G modem or 3G handset)	Businesses with a mobile broadband connection
A2b	E_PMD	from 2018 onwards	Provide to the persons employed portable devices that allow a mobile connection to the internet	
A3a	E_ISPD_LT2		The contracted download speed of the enterprise's fastest internet connection is less than 2 Mb/s	Businesses with a broadband download speed of less than 2 Mbit/s
A3a	E_ISPDF_LT2	from 2014 onwards	The maximum contracted download speed of the fastest fixed Internet connection is less than 2 Mb/s	
A3b	E_ISPD_2_10		The contracted download speed of the enterprise's fastest internet connection is at least 2 Mb/s but less than 10 Mb/s	Businesses with a broadband download speed of at least 2 Mbit/s but less than 10 Mbit/s
A3b	E_ISPDF_2_10	from 2014 onwards	The maximum contracted download speed of the fastest fixed Internet connection is at least 2 Mb/s but less than 10 Mb/s	
A3c	E_ISPD_10_30		The contracted download speed of the enterprise's fastest internet connection is at least 10 Mb/s but less than 30 Mb/s	Businesses with a broadband download speed of at least 10 Mbit/s but less than 30 Mbit/s
A3c	E_ISPDF_10_30	from 2014 onwards	The maximum contracted download speed of the fastest fixed Internet connection is at least 10 Mb/s but less than 30 Mb/s	
A3c1	E_ISPDF_LT30		The maximum contracted download speed of the fastest fixed line internet connection is less than 30 Mb/s	Businesses with a broadband download speed of less than 30 Mb/s
A3d	E_ISPD_30_100		The contracted download speed of the enterprise's fastest internet connection is at least 30 Mb/s but less than 100 Mb/s	Businesses with a broadband download speed of at least 30 Mbit/s but less than 100 Mbit/s
A3d	E_ISPDF_30_100	from 2014 onwards	The maximum contracted download speed of the fastest fixed Internet connection is at least 30 Mb/s but less than 100 Mb/s	
A3d	E_ISPDF1_30_100	from 2020 onwards	The maximum contracted download speed of the fastest fixed line internet connection is at least 30 Mb/s but less than 100 Mb/s	
A3e	E_ISPD_GE100		The contracted download speed of the enterprise's fastest internet connection is at least 100 Mb/s	Businesses with a broadband download speed of at least 100 Mbit/s
A3e	E_ISPDF_GE100	from 2014 onwards	The maximum contracted download speed of the fastest fixed Internet connection is at least 100 Mb/s	
A3e	E_ISPDF1_GE100	from 2020 onwards	The maximum contracted download speed of the fastest fixed line internet connection is at least 100 Mb/s	
A3f	E_ISPDF_100_500		The maximum contracted download speed of the fastest fixed line internet connection is at least 100 Mb/s but less than 500 Mb/s	
A3g	E_ISPDF_500_1G		The maximum contracted download speed of the fastest fixed line internet connection is at least 500 Mb/s but less than 1 Gb/s	
A3h	E_ISPDF_GE1G		The maximum contracted download speed of the fastest fixed line internet connection is at least 1 Gb/s	
A4	P_IUSE		Persons employed using computers with access to World Wide Web	Persons employed using a computer with Internet access

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A5	P_EMPMD		<i>Persons employed, which were provided a portable device that allows a mobile connection to the Internet</i>	Persons employed using an Internet-enabled portable device
A5	P_EMPMD1	from 2014 to 2017	<i>Persons employed, which were provided a portable device that allows a mobile connection to the internet for business use (as of 2014)</i>	
A5	P_EMPMD2	from 2018 onwards	<i>Persons employed, which were provided a portable device that allows internet connection via mobile telephone networks, for business purpose</i>	
B1	E_WEB		Enterprises having a web site or homepage	Businesses with a website or home page
B2	E_WEBORD		Enterprises where the website provided online ordering or reservation or booking, e.g. shopping cart	Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart)
C3a	E_ERP		Enterprises who have ERP software package to share information on sales/purchases with other internal functional areas	Businesses using ERP (Enterprise Resource Planning) software
C3a	E_ERP1	from 2010 onwards	Enterprises who have ERP software package to share information between different functional areas	
C3b	E_CRM		Enterprises using software solutions like Customer Relationship Management (CRM)	Businesses using CRM (Customer Relationship Management) software
C3b	E_CRM1	from 2023 onwards	Enterprises using Customer Relationship Management (CRM) software (as of 2023)	
C3c	E_ADE		Enterprises using automated data exchange with other ICT systems outside the own enterprise	Businesses using EDI (Electronic Data Interchange)
C3d	E_RFID		Enterprises using Radio Frequency Identification (RFID) technologies	Businesses using RFID (Radio Frequency Identification) technology
C3d	E_RFID1	from 2014 onwards	Enterprises using Radio Frequency Identification (RFID) technologies (as of 2014)	
C4	E_SISC		Enterprises whose business processes are automatically linked to those of their suppliers and/or customers	Businesses sharing electronically SCM information with suppliers and customers
D1	E_AESELL		Enterprises having received orders via computer mediated networks	Businesses receiving orders (i.e. making sales) over computer networks by methods specifically designed for the purpose (includes web pages, extranet or EDI), within the last 12 months
D1a	E_AXSELL		Enterprises having received orders placed via EDI-type messages	Businesses receiving orders (i.e. making sales) initiated via EDI-type messages, within the last 12months
D1b	E_AWSELL		Enterprises having received orders via a website	Businesses receiving orders (i.e. making sales) through the Internet (via web pages and extranet), within the last 12 months
D2	E_ETURN		Enterprises' total turnover from e-commerce	Percentage of total businesses turnover (excluding value added taxes) from orders received over computer networks by methods specifically designed for the purpose (includes web pages, extranet or EDI), within the last 12 months
D2a	E_AXSVAL		Total sales via EDI-type messages over the last calendar year, excluding VAT	Percentage of otal businesses turnover (excluding value added taxes) from orders received via EDI-type messages, within the last 12 months
D2b	E_AWSVAL		Total sales via a website over the last calendar year, excluding VAT	Percentage of otal businesses turnover (excluding value added taxes) from orders received through the Internet (via web pages and extranet), within the last 12 months
D2b1	E_AWSVAL_B2C		Sales via a website over the last calendar year - B2C	Percentage of otal businesses turnover (excluding value added taxes) from orders placed through the Internet (via web pages and extranet) by households/individuals, within the last 12 months
D2b2	E_AWSVAL_B2BG		Sales via a website over the last calendar year - B2B and B2G	Percentage of otal businesses turnover (excluding value added taxes) from orders placed through the Internet (via web pages and extranet) by other enterprises and government, within the last 12 months
D7	E_AEBUY		Enterprises having purchased via computer mediated networks	Businesses placing orders (i.e. making purchases) over computer networks by methods specifically designed for the purpose (includes web pages, extranet or EDI), within the last 12 months

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D8	e_aebval		Total electronic purchases, excluding VAT	Percentage of total businesses purchases (excluding value added taxes) from orders placed over computer networks by methods specifically designed for the purpose (includes web pages, extranet or EDI), within the last 12 months
E3	E_SECIANY		Enterprises experienced any ICT related security incidents excluding disclosure of confidential data in electronic form by employees	Businesses experiencing ICT Incidents (security breaches), within the last 12 months
E3	E_SECI2ANY	from 2019 onwards	Enterprises experienced at least once problems due to an ICT related security incident (unavailability of ICT services, destruction or corruption of data, disclosure of confidential data)	
E3	E_SEC2IANY	from 2021 onwards	Have experienced at least once any problem due to ICT security incident: unavailability of ICT services, destruction or corruption of data, disclosure of confidential data (for any reason)	
E7	E_SECPCNF		The ICT security policy addressed the risks of disclosure of confidential data due to intrusion, pharming, phishing attacks or by accident	Businesses with fomal policy to manage ICT privacy risks
F1	E_IGOV		Enterprises using Internet for interaction with public authorities	Businesses using the Internet to interact with public authorities, within the last 12 months
F1	E_IGOV2	2011	Enterprises using the Internet for interaction with public authorities (derived indicator)	
F1	E_IGOV3	from 2012 onwards	Enterprises using Internet for interaction with public authorities (derived indicator as of 2012)	
F1a	E_INV3SG		Enterprise using the internet to issue/send any type of invoices, whether in electronic or in paper form, to public authorities	Businesses using the Internet to issue/send any type of invoices, whether in electronic or in paper form, to public authorities, within the last 12 months
G3	E_CC		Buy cloud computing services used over the internet	Businesses purchasing cloud computing services
G3a	E_CC_PEM		Buy e-mail (as a CC service)	Businesses purchasing cloud computing services: E-mail
G3b	E_CC_PSOFT		Buy office software (e.g. word processors, spreadsheets, etc.) (as a CC service)	Businesses purchasing cloud computing services: Office software
G3c	E_CC_PFACC		Buy finance or accounting software applications (as a CC service)	Businesses purchasing cloud computing services: Finance or accounting software
G3d	E_CC_PCRM		Buy Customer Relationship Management software (as a CC service)	Businesses purchasing cloud computing services: Customer relationship management (CRM) software
G3e	E_CC_PDB		Buy hosting for the enterprise's database (as a CC service)	Businesses purchasing cloud computing services: Hosting of databases
G3f	E_CC_PFIL		Buy storage of files (as a CC service)	Businesses purchasing cloud computing services: Storage of files
G3g	E_CC_PCPU		Buy computing power to run the enterprise's own software (as a CC service)	Businesses purchasing cloud computing services: Computing power to run own software
G7	E_BD		Analyse big data from any data source	Proportion of businesses having performed Big data analysis
G7	E_BDA	from 2020 onwards	Analyse big data internally from any data source or externally	
G7	E_DA	from 2023 onwards	Data analytics for the enterprise is performed by the enterprise's own employees or by an external provider	
G7a	E_BDOWN		Big data analysis for the enterprise is done by the enterprise's own employees	Proportion of businesses having performed Big data analysis only with own employees
G7a	E_BDAINT	from 2020 onwards	Analyse big data internally from any data source	
G7a	E_DAOWN	from 2023 onwards	Enterprises where data analytics for the enterprise is performed by own employees	
G7b	E_BDEXT		Big data analysis for the enterprise is done by an external service provider	Proportion of businesses having performed Big data analysis only with external service provider
G7b	E_BDAEXT	from 2020 onwards	Have another enterprise or organisation perform big data analysis for the enterprise	
G7b	E_DAEXT	from 2023 onwards	Enterprises where data analytics for the enterprise is performed by external enterprise or organisation	

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G7c	E_BDBOTH		Big data analysis for the enterprise is done by the enterprise's own employees and by an external provider	Proportion of businesses having performed Big data analysis with both own employees and external service provider
G12	E_P3D		Use 3D printing	Proportion of businesses using 3D Printing technology (%)
G13	E_IOT		Use interconnected devices or systems that can be monitored or remotely controlled via the internet (Internet of Things)	Proportion of businesses using Internet of Things (IoT) (%)
G13	E_IOT1	from 2021 onwards	Enterprises use IoT (interconnected devices or systems that can be monitored or remotely controlled via the internet) (as of 2021)	
G14	E_AI_1		Enterprises use at least one AI system (of E_CHTB, E_BDAML, E_BDANL, E_RBTS). E_CHTB relates to enterprises which have a chat service where a chatbot or a virtual agent replies to customers. E_BDAML relates to enterprises analysing big data using machine learning. E_BDANL relates to enterprises analysing big data using natural language processing, natural language generation or speech recognition. E_RBTS relates to enterprises using service robots.	Proportion of businesses using Artificial Intelligence (AI) (%)
G14	E_AI_TANY	from 2021 onwards	Enterprises use at least 1 of the listed artificial intelligence technologies: (AI_TTM, AI_TSR, AI_TNLG, AI_TIR, AI_TML, AI_TPA, AI_TAR). AI_TTM relates to enterprises which use AI technologies <b>for performing analysis of written language</b> . AI_TSR relates to enterprises which use AI technologies <b>for converting spoken language into machine-readable format</b> . AI_TNLG relates to enterprises which use AI technologies <b>for generating written or spoken language</b> . AI_TIR relates to enterprises which use AI technologies <b>for identifying objects or persons based on images</b> . AI_TML relates to enterprises which use AI technologies for <b>machine learning (e.g. deep learning)</b> . AI_TPA relates to enterprises which use AI technologies <b>automating different workflows or assisting in decision making</b> . AI_TAR relates to enterprises which use AI technologies <b>enabling physical movement of machines via autonomous decisions based on observation of surroundings</b> .	(see G14 previous page)
H1	E_ITSP2		Enterprise employed ICT/IT specialists (reduced comparability with 2007)	Businesses which employ ICT specialists, within the last 12 months
H3	E_ITT2		Enterprise provided training to their personnel to develop/upgrade their ICT skills (reduced comparability with 2007)	Businesses which provided any type of training to develop ICT related skills of the persons employed, within the last 12 months
H3a	E_ITSP2		Enterprise provided training to ICT/IT specialists to develop/upgrade their ICT skills (reduced comparability with 2007)	Businesses which provided any type of training to develop ICT related skills for ICT specialists, within the last 12 months
H3b	E_ITUST2		Enterprise provided training to other persons employed to develop/upgrade their ICT skills (reduced comparability with 2007)	businesses which provided any type of training to develop ICT related skills for persons employed who are not ICT specialists, within the last 12 months
H4	E_ITSPRCR2		Enterprise recruited/tried to recruit personnel for jobs requiring ICT specialist skills (reduced comparability with 2007)	Businesses that offered positions for ICT specialist, within the last 12 months
H5	E_ITSPVAC2		Enterprise had hard-to-fill vacancies for jobs requiring ICT specialist skills (reduced comparability with 2007)	Businesses that offered positions for ICT specialist, within the last 12 months, which were difficult to fill
K1	E_SM_ANY		Enterprise Use any social media	Businesses using social media
K1	E_SM1_ANY	from 2014 onwards	Enterprise Use any social media (as of 2014)	