

Dimension	<i>Global view on the AI landscape</i>
Sub-dimension	<i>AI investments</i>
Indicator name	<i>G6: AI investments in the EU</i>
Rationale	A sufficient and continued level of investments is crucial to support the development and uptake of AI throughout Europe. This indicator provides an estimation of AI investments by public and private organisations at country level.
Definition	In absence of reliable data on the level of AI investments by the private and public sector, AI Watch has developed a comprehensive methodology to estimate AI investments for the EU and its Member States. In this framework, AI investments include: expenditures on labour and skills as well as tangible and intangible capital assets incurred by public and private organizations to develop and implement AI to (re-)design business processes in order to create new or improve existing products or services.
Unit of measurement	Real values (Euro)
Geographical coverage	EU27 Member States
Geographical granularity	Country
Breakdown	Type of expenditure: AI-related expenditures on education programmes, compensation of AI ICT specialists, AI-related corporate training, R&D, product design, brand, organisational capital ICT software and hardware, telecommunications equipment and data. Public and private sector.
Data source(s)	JRC estimates for AI Watch based on multiple sources
Reference date	2018, 2019
Known limitations	
References and Comments	Reference: Nepelski, D., and Sobolewski, M., Estimating investments in General Purpose Technologies. The case of AI Investments in Europe, EUR 30072 EN, Publications Office of the European Union, Luxembourg, 2020, ISBN 978-92-76-10233-5, doi:10.2760/506947, JRC118953. https://ec.europa.eu/jrc/en/publication/estimating-investments-general-purpose-technologies-case-ai-investments-europe