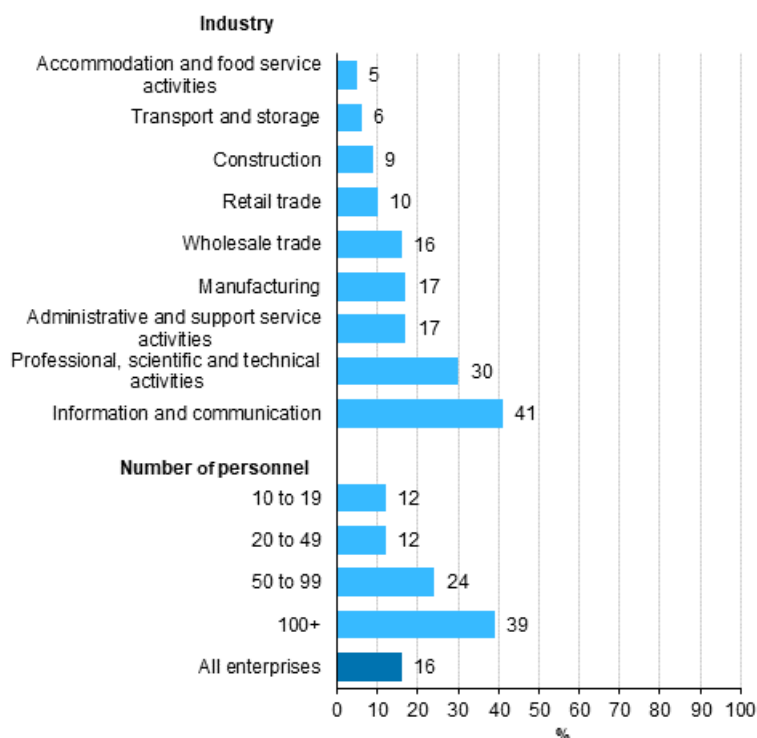


Use of information technology in enterprises 2021

Sixteen per cent of enterprises use artificial intelligence

Sixteen per cent of enterprises use artificial intelligence (AI) technologies. The use of AI technologies in large enterprises has already grown to 39 per cent of enterprises. Thirteen per cent of enterprises and 23 per cent of large enterprises have considered adopting AI technologies. These data derive from Statistics Finland's survey on information technology in enterprises.

Use of AI technologies, proportion of enterprises employing at least ten persons



Among the smallest enterprises with 10 to 19 employees, AI technologies were used by 12 per cent, and among the largest enterprises with at least 100 employees, by 39 per cent. Examined by industry, AI technologies are most commonly used in the industries of information and communication (41%) and

professional, scientific and technical activities (30%). AI technologies are used less frequently than others in the industries of accommodation and food service activities (5%) and transportation and storage (6%).

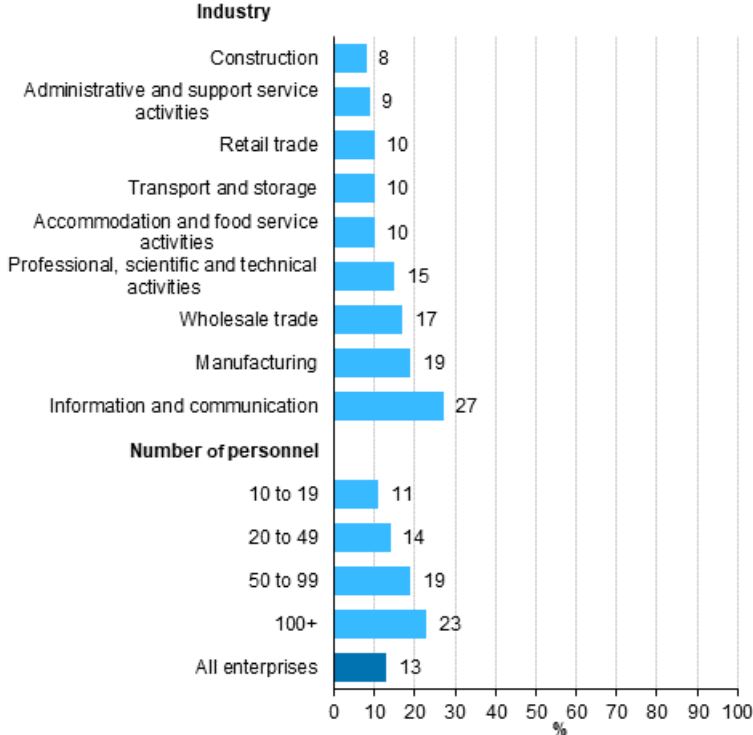
Among the inquired AI use purposes, enterprises most commonly used it for marketing or sales, 31 per cent of the enterprises using AI. Artificial intelligence was also relatively often used in the production process (22%), data security (18%), business administration processes (17%) and assistance to business management (17%).

Use purpose of AI programs or systems, share of enterprises using AI



Thirteen per cent of enterprises have considered starting the use of AI technologies. The use of AI technologies is clearly most commonly being planned in information and communication activities, 27 per cent of enterprises. The use of AI technologies is also considered more often than in other industries in the industries of wholesale trade (19%) and professional, scientific and technical activities (15%).

Enterprise considered use of IT technologies, proportion of enterprises with at least ten employees



These data were collected with an inquiry in spring 2021 and they apply to enterprises with at least ten employees.

Contents

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Source: Use of Information Technology in Enterprises 2021, Statistics Finland