

DIGITAL & TRENDS

# AI chips

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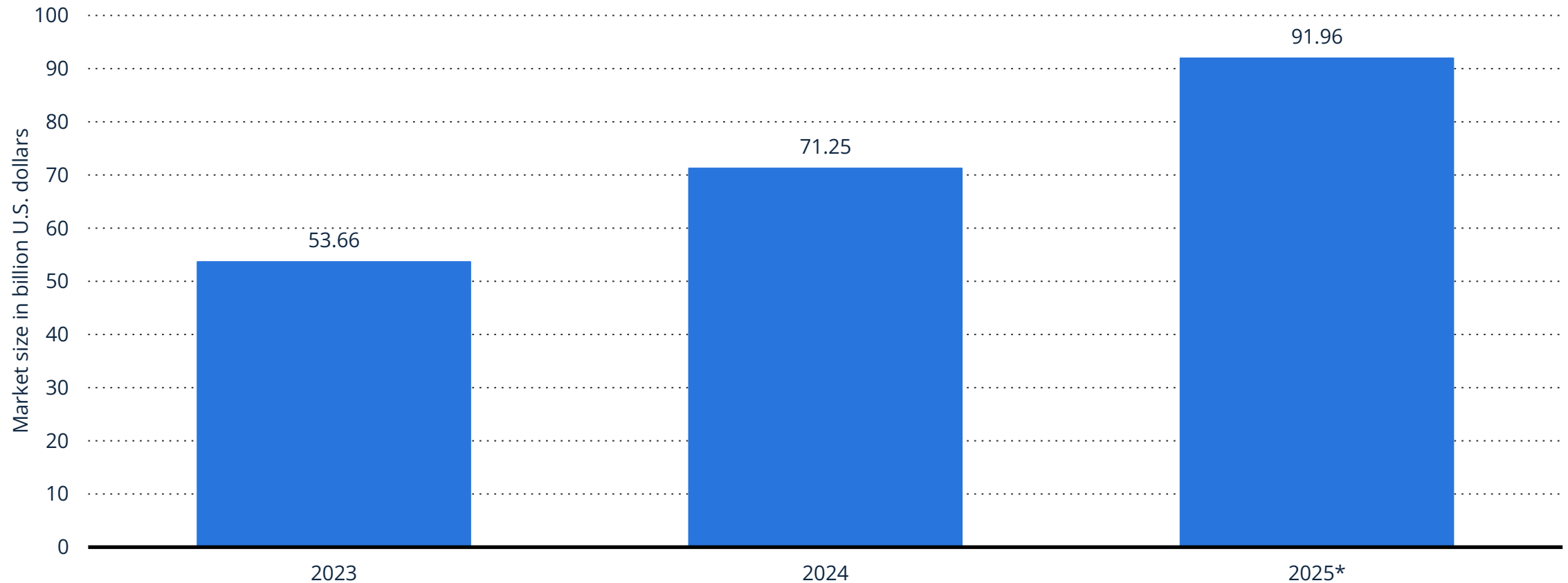
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CHAPTER 01

# Overview

# Artificial intelligence (AI) chip market revenue worldwide in 2023, 2024, and 2025 (in billion U.S. dollars)

AI chip market revenue worldwide 2023-2025



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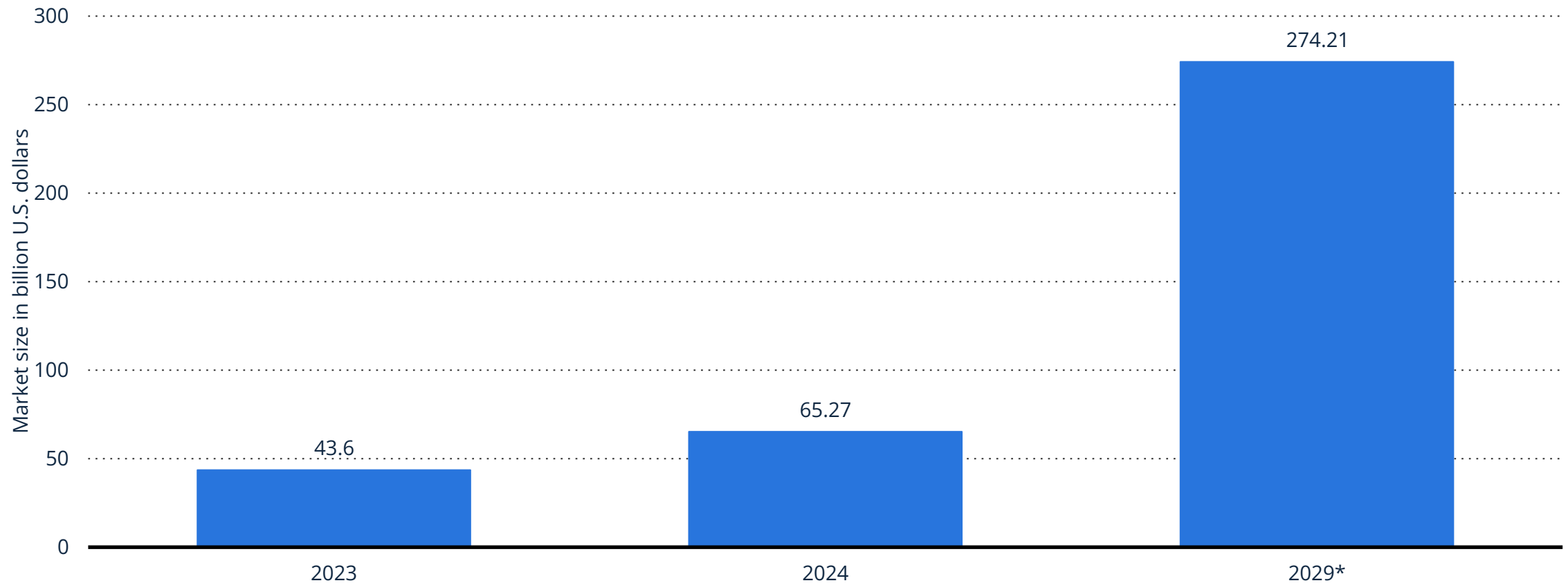
**Description:** The artificial intelligence (AI) chip market is experiencing rapid growth, with projections indicating it will reach close to 92 billion U.S. dollars by 2025. This surge reflects the increasing demand for AI technologies across various industries. The market's expansion is driven by advancements in machine learning, deep learning, and generative AI applications, which are reshaping how businesses operate and interact with customers. [Read more](#)

**Note(s):** Worldwide; 2023 to 2025; \* Forecast. [Read more](#)

**Source(s):** Gartner

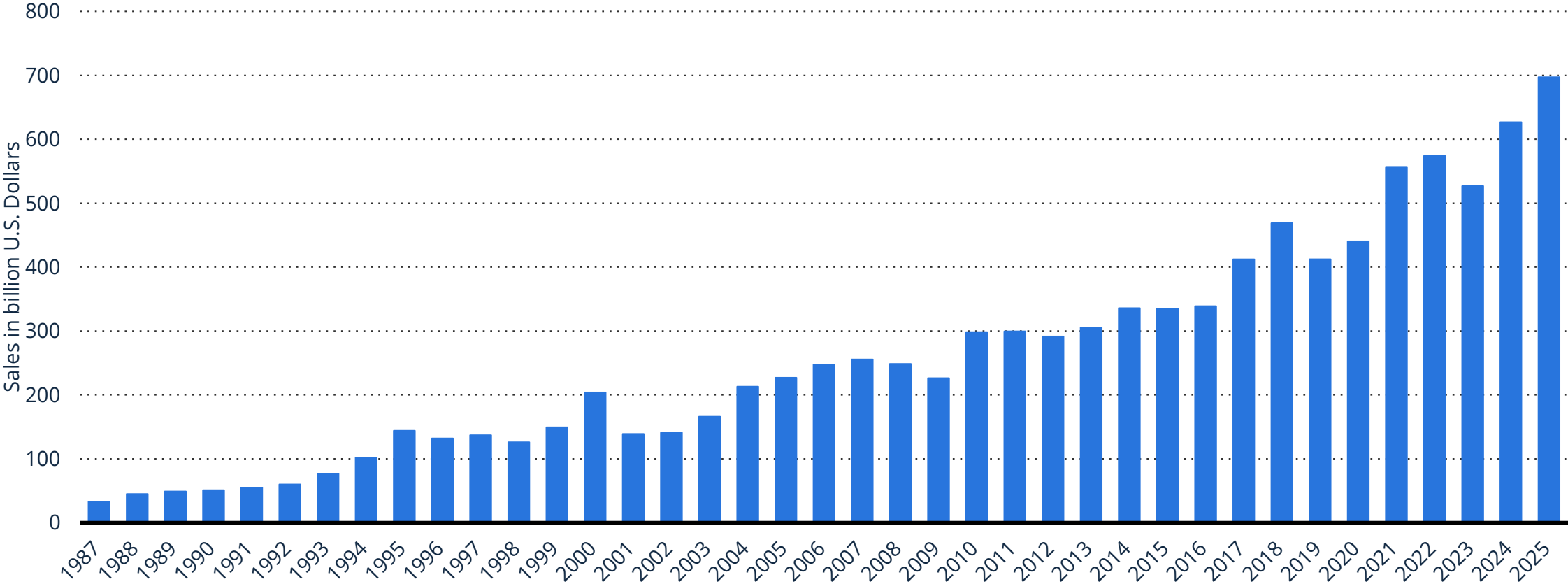
# Graphics processing unit (GPU) market size worldwide in 2023, 2024, and 2029 (in billion U.S. dollars)

GPU market size worldwide 2023-2029



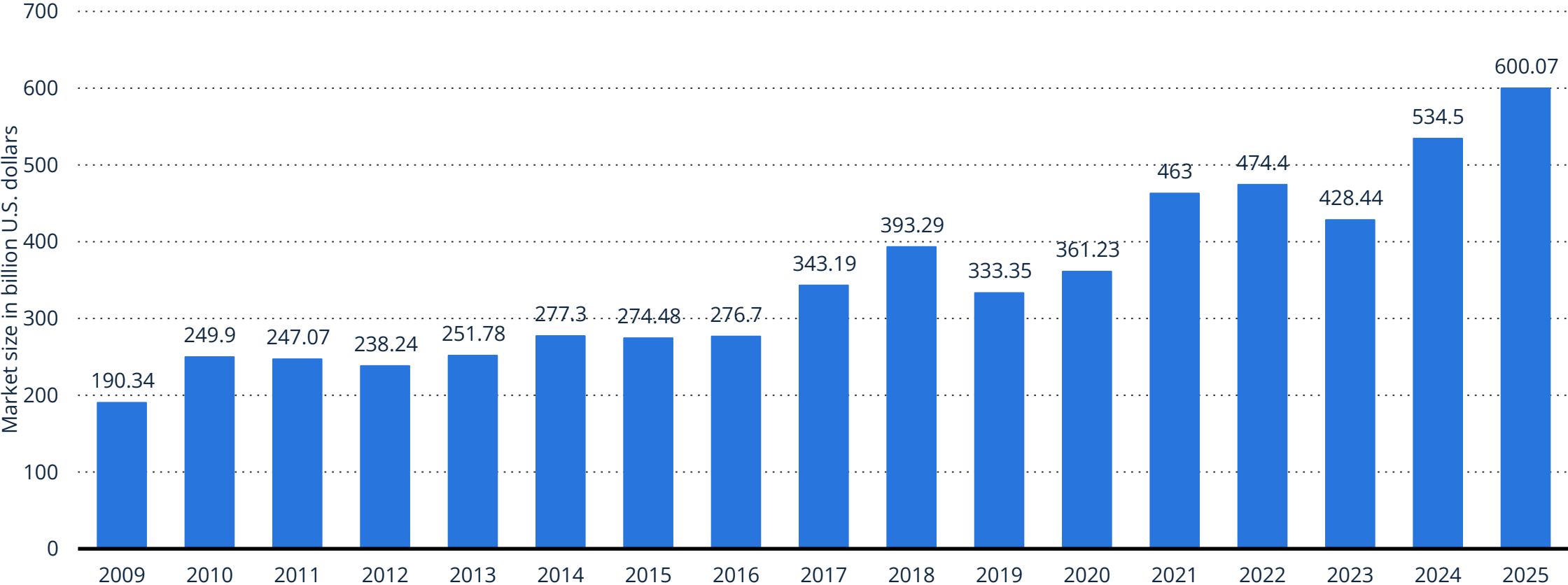
# Semiconductor market revenue worldwide from 1987 to 2025 (in billion U.S. dollars)

Semiconductor market revenue worldwide 1987-2025



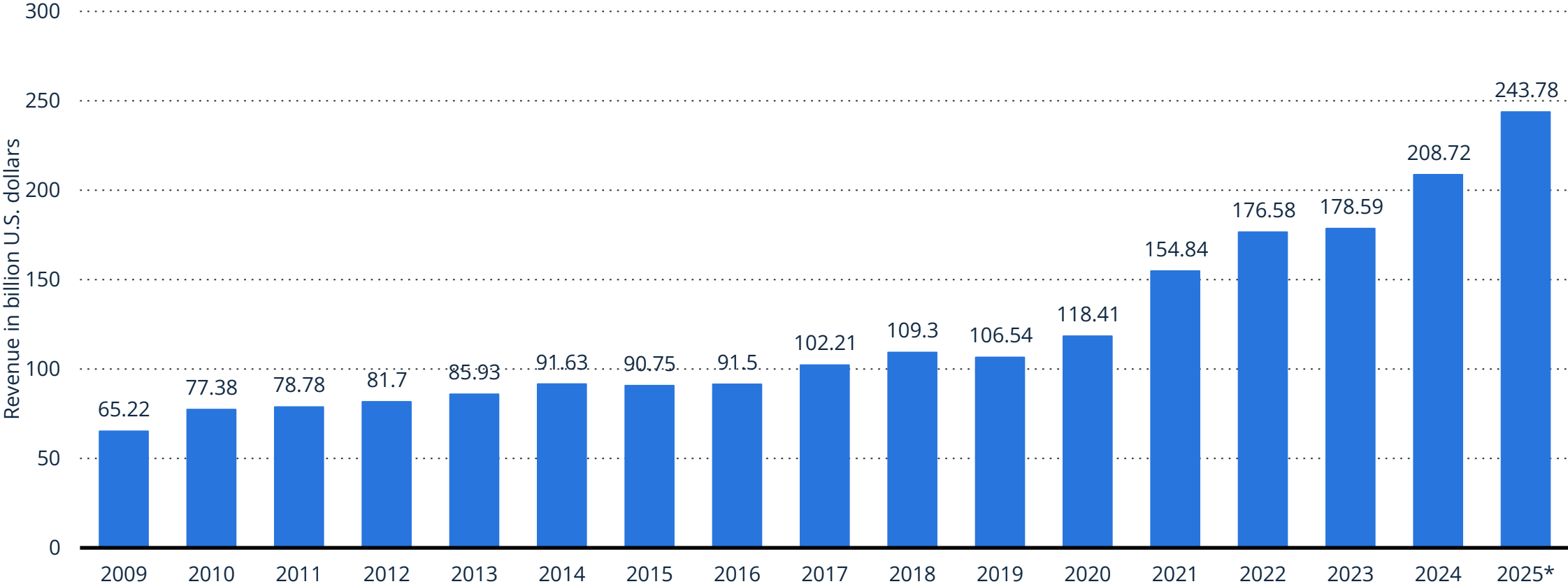
# Integrated circuit (IC) market revenue worldwide worldwide from 2009 to 2025 (in billion U.S. dollars)

IC market revenue worldwide 2009-2025



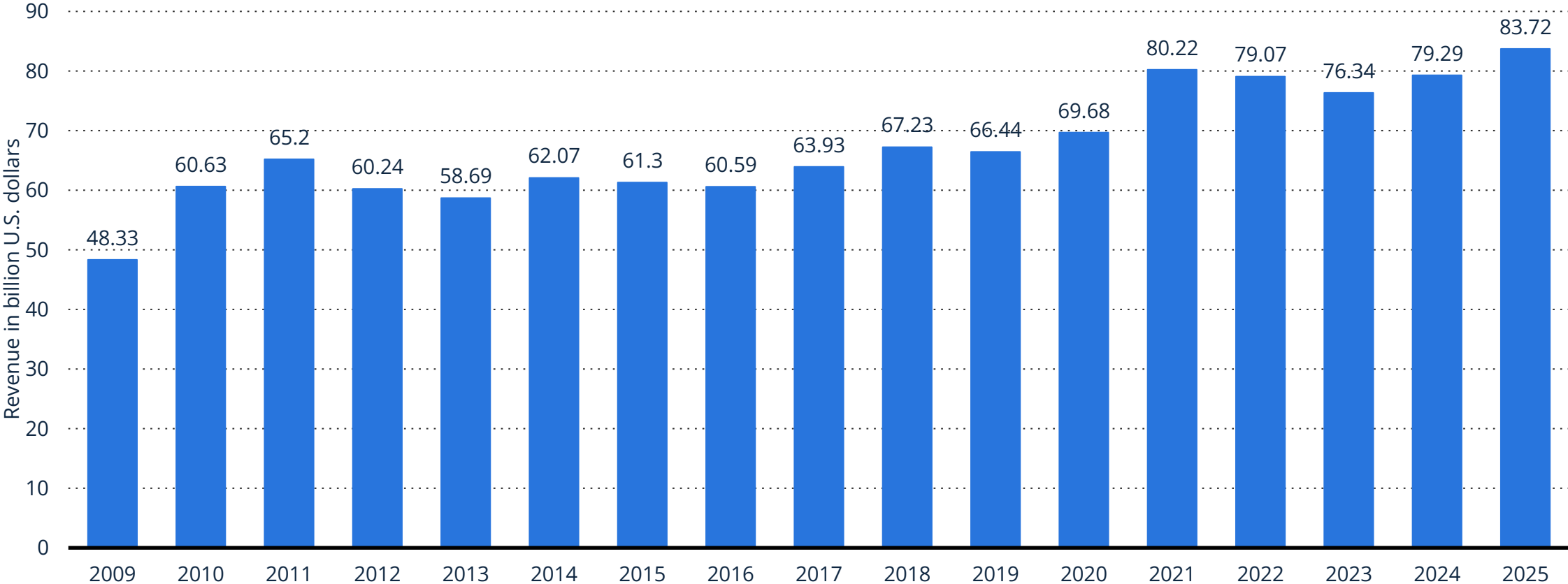
# Logic semiconductor market revenue worldwide from 2009 to 2025 (in billion U.S. dollars)

Logic semiconductor market revenue worldwide 2009-2025



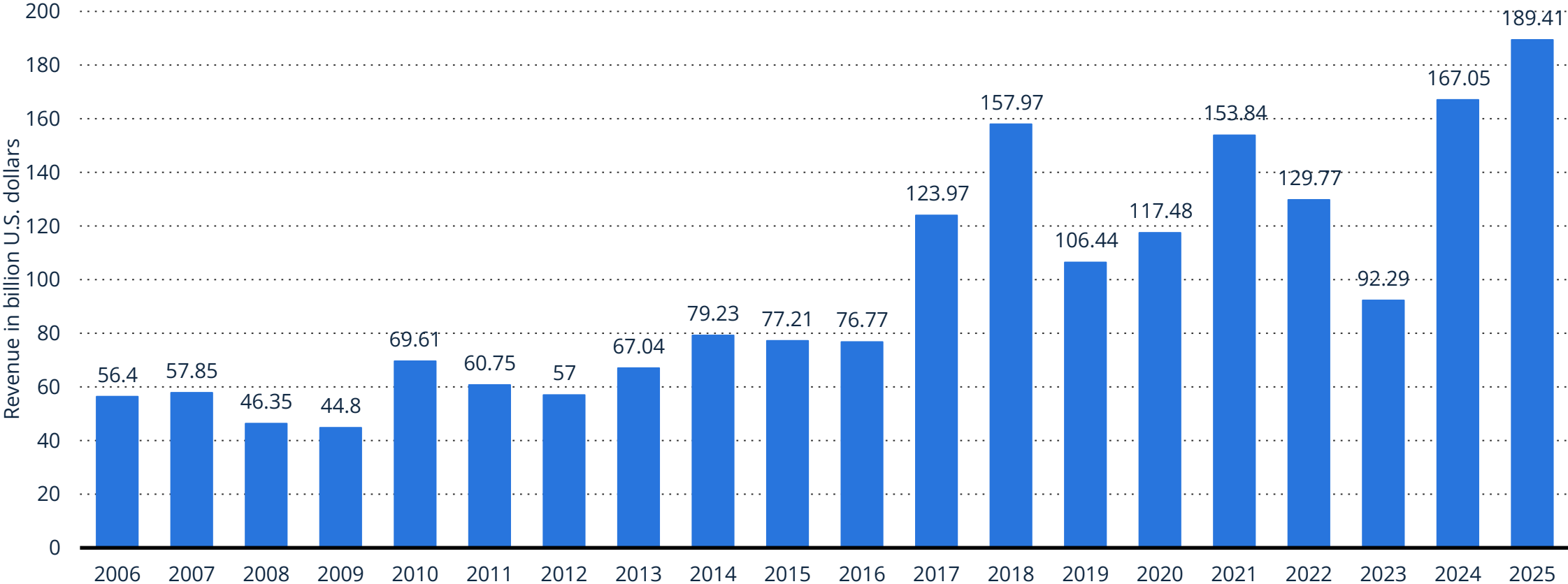
# Micro semiconductor market revenue worldwide from 2009 to 2025 (in billion U.S. dollars)

Micro semiconductor market revenue worldwide 2009-2025



# Memory semiconductor market revenue worldwide from 2006 to 2025 (in billion U.S. dollars)

Memory semiconductor market revenue worldwide 2006-2025

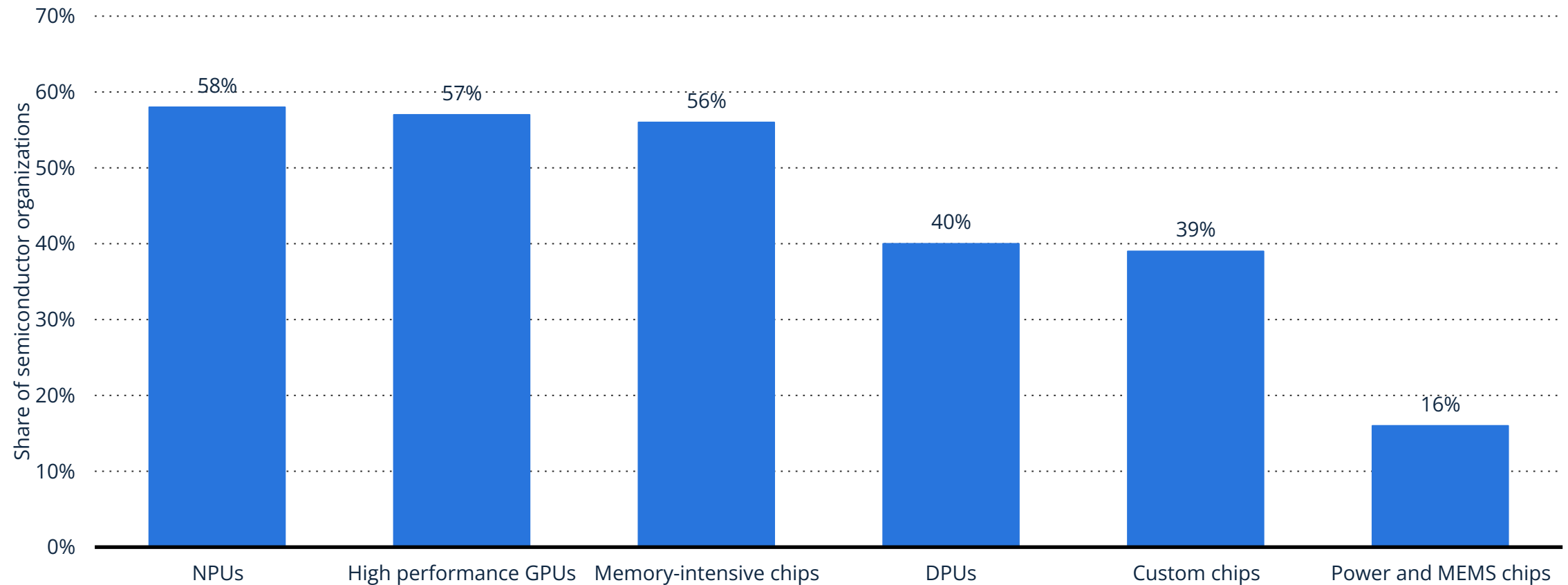


CHAPTER 02

# AI chip trends

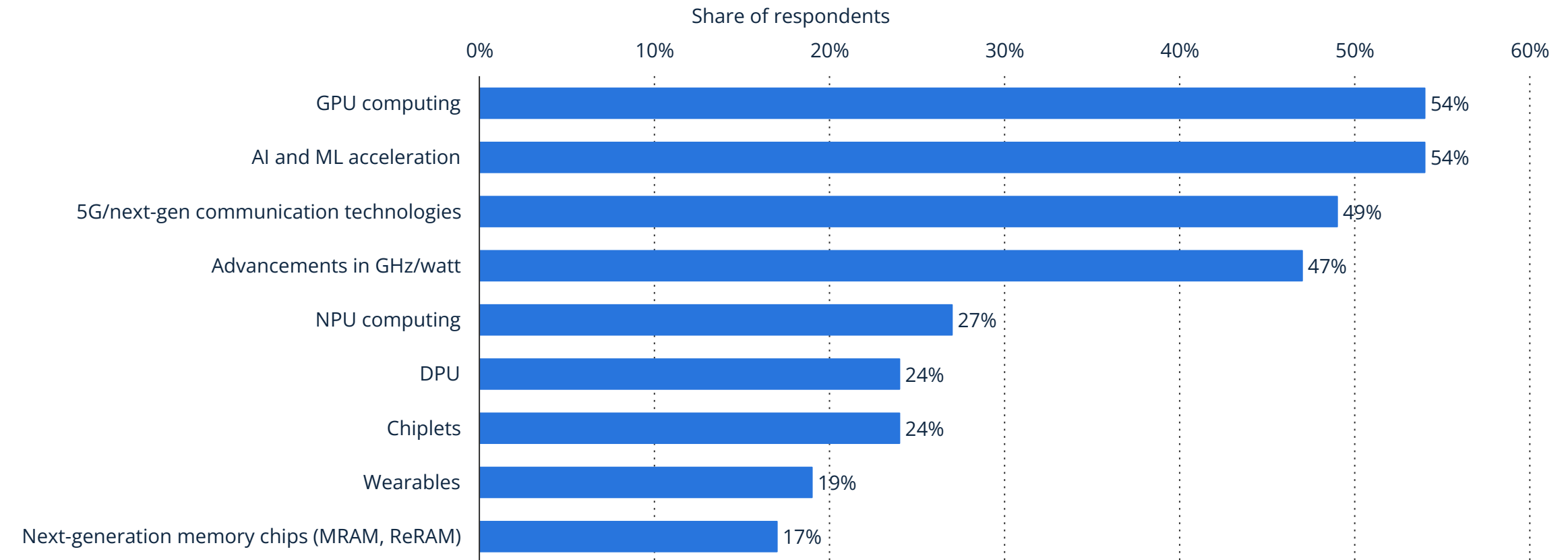
# Semiconductor demand impacted by the use of generative AI in the next two years worldwide as of 2024

Semiconductor demand impacted by the use of generative AI in the next two years 2024



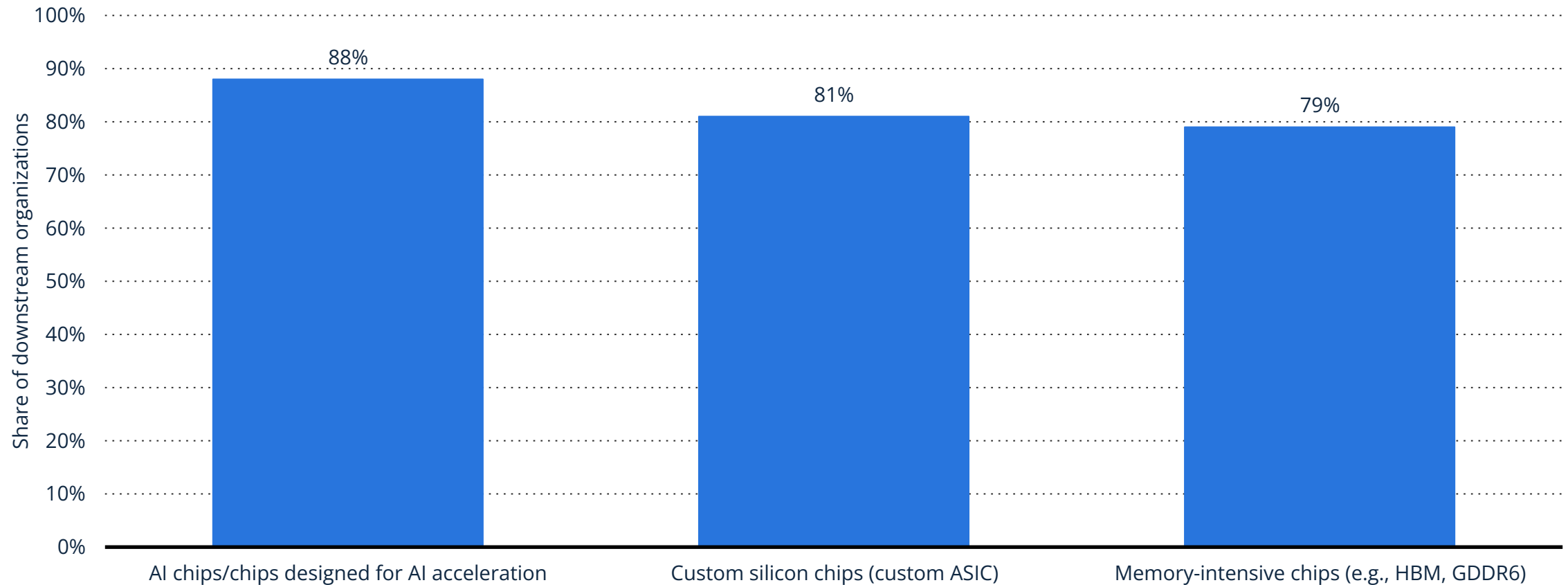
# Leading semiconductor advancements for downstream organizations as of 2024

Leading semiconductor advancements for downstream organizations 2024



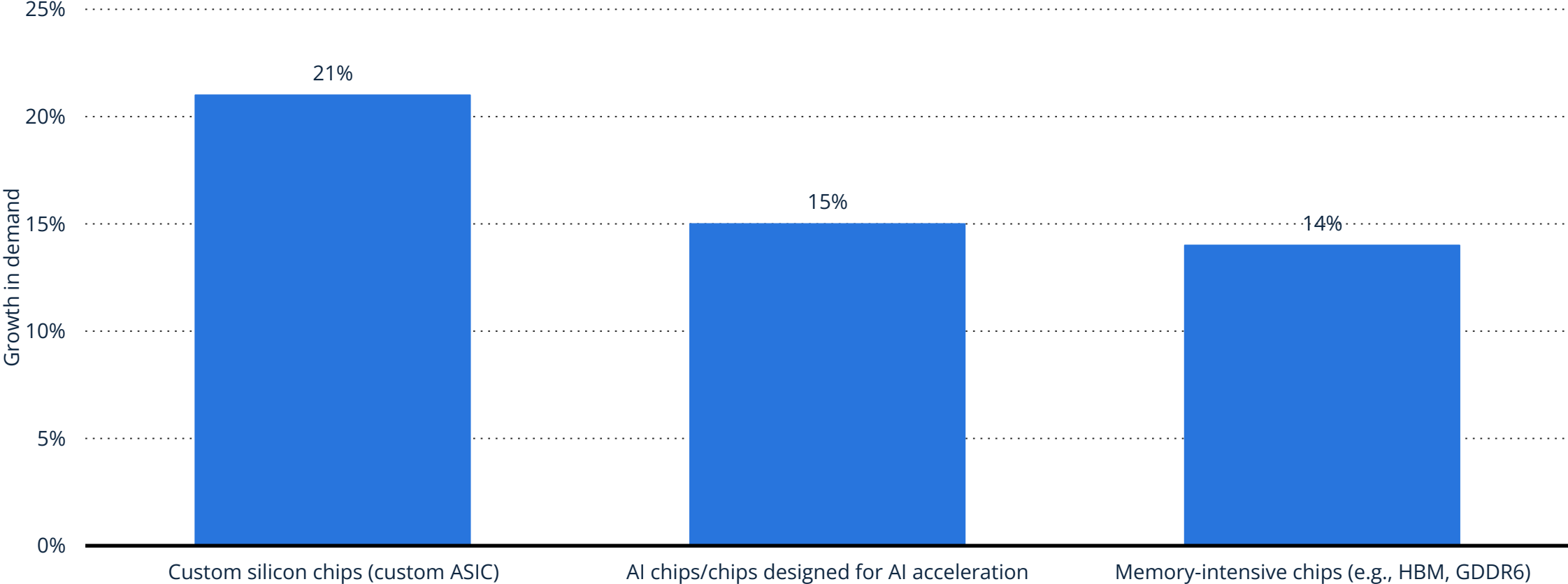
# Share of downstream organizations expecting an increase in semiconductor demand over the next 12 months as of 2024, by chip type

Share of organizations expected increase in semiconductor demand 2024, by chip type



# Downstream organizations expected growth in semiconductor demand over the next 12 months as of 2024, by chip type

Organizations expected growth in semiconductor demand 2024, by chip type

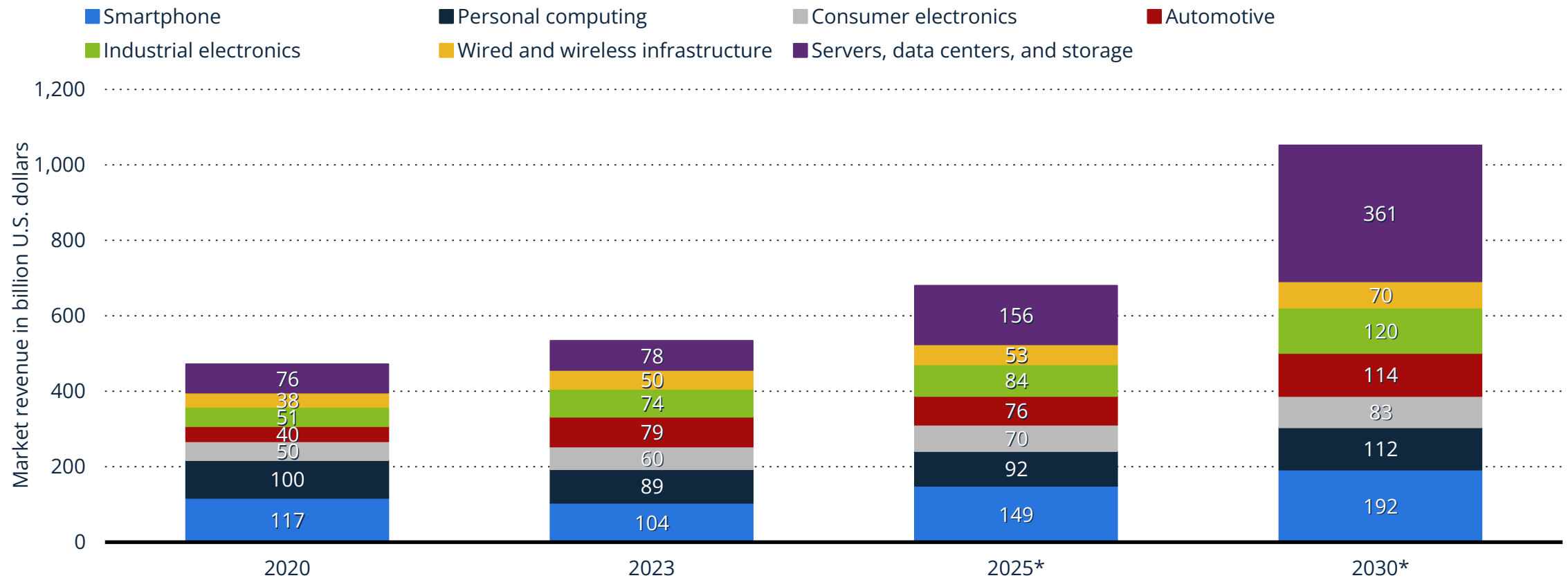


CHAPTER 03

# Markets influenced

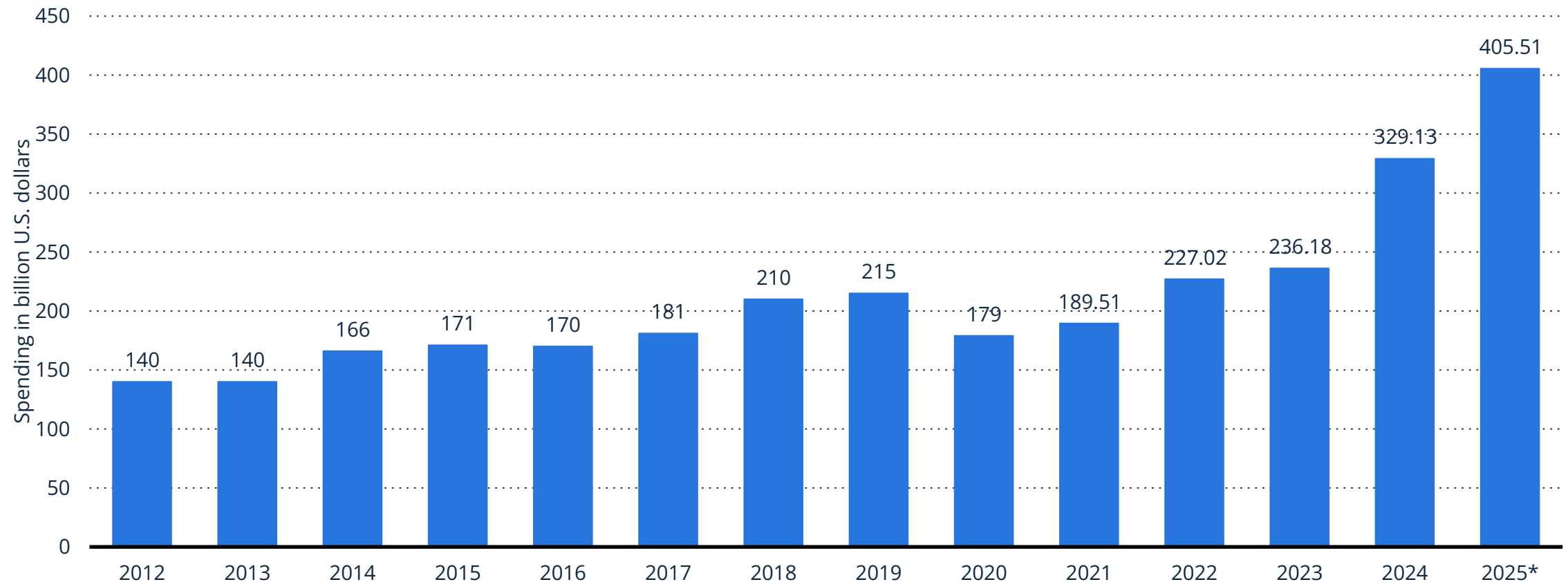
# Semiconductor market revenue worldwide from 2020 to 2030, by end market (in billion U.S. dollars)

Semiconductor market revenue worldwide 2020-2030, by end market



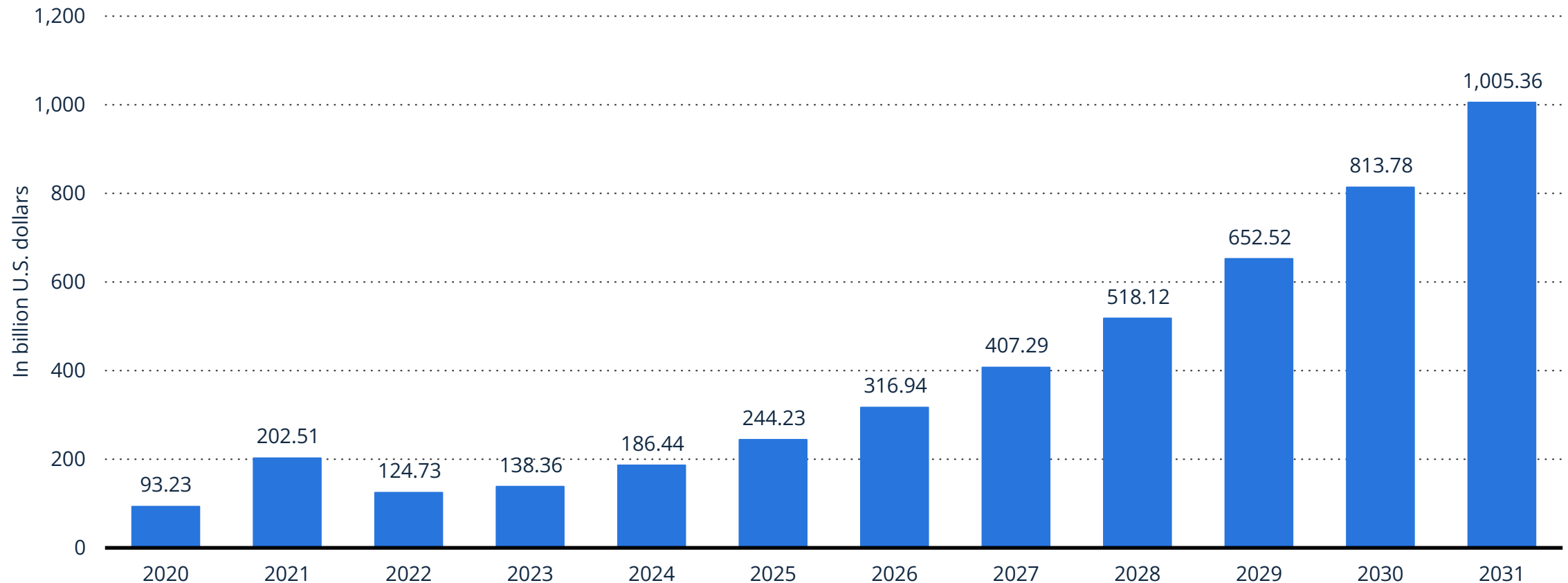
# Information technology (IT) spending on data center systems worldwide from 2012 to 2025 (in billion U.S. dollars)

IT data center systems total spending worldwide 2012-2025



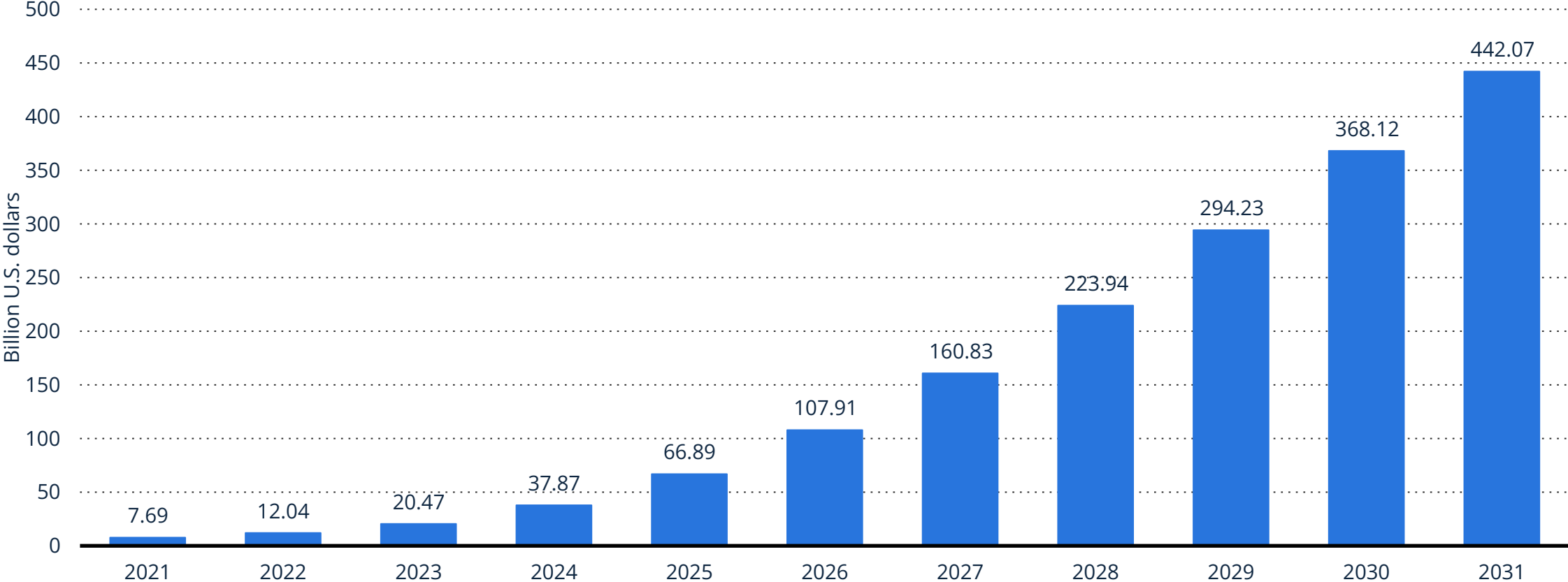
# Artificial intelligence (AI) market size worldwide from 2020 to 2031 (in billion U.S. dollars)

AI market size worldwide from 2020-2031



# Generative artificial intelligence (AI) market size worldwide from 2021 to 2031 (in billion U.S. dollars)

Global generative AI market size from 2021 to 2031

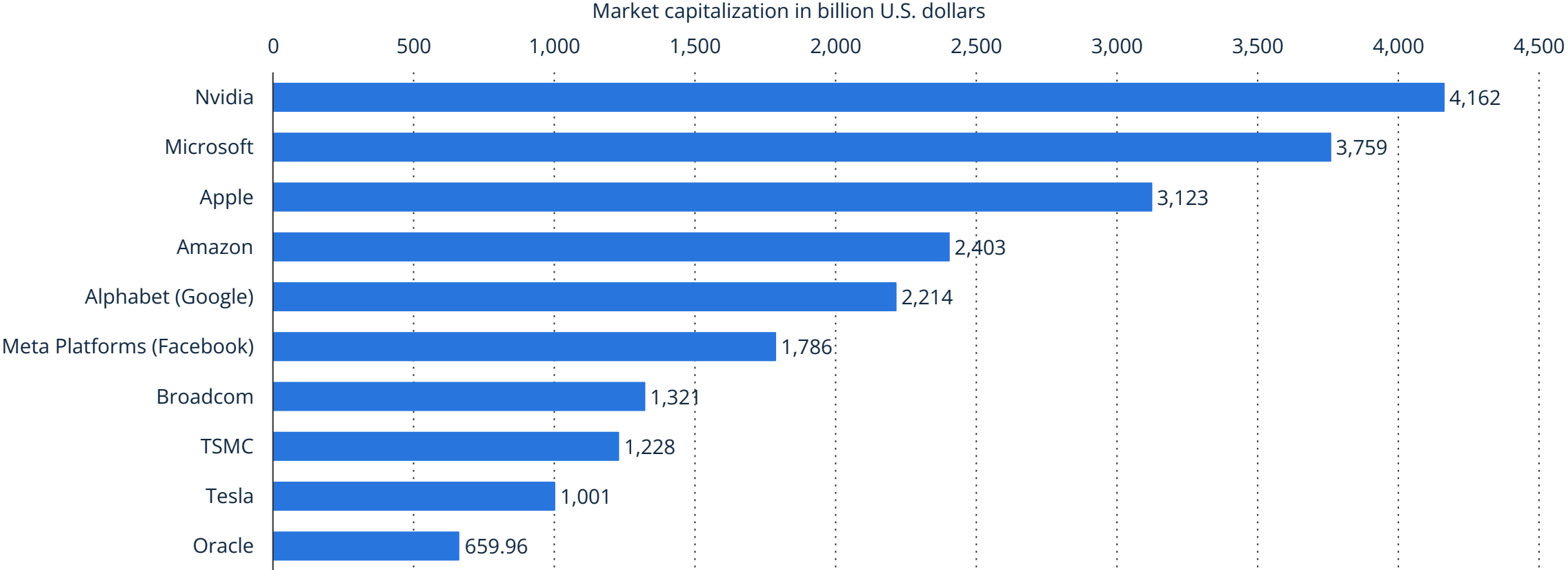


CHAPTER 04

# Companies

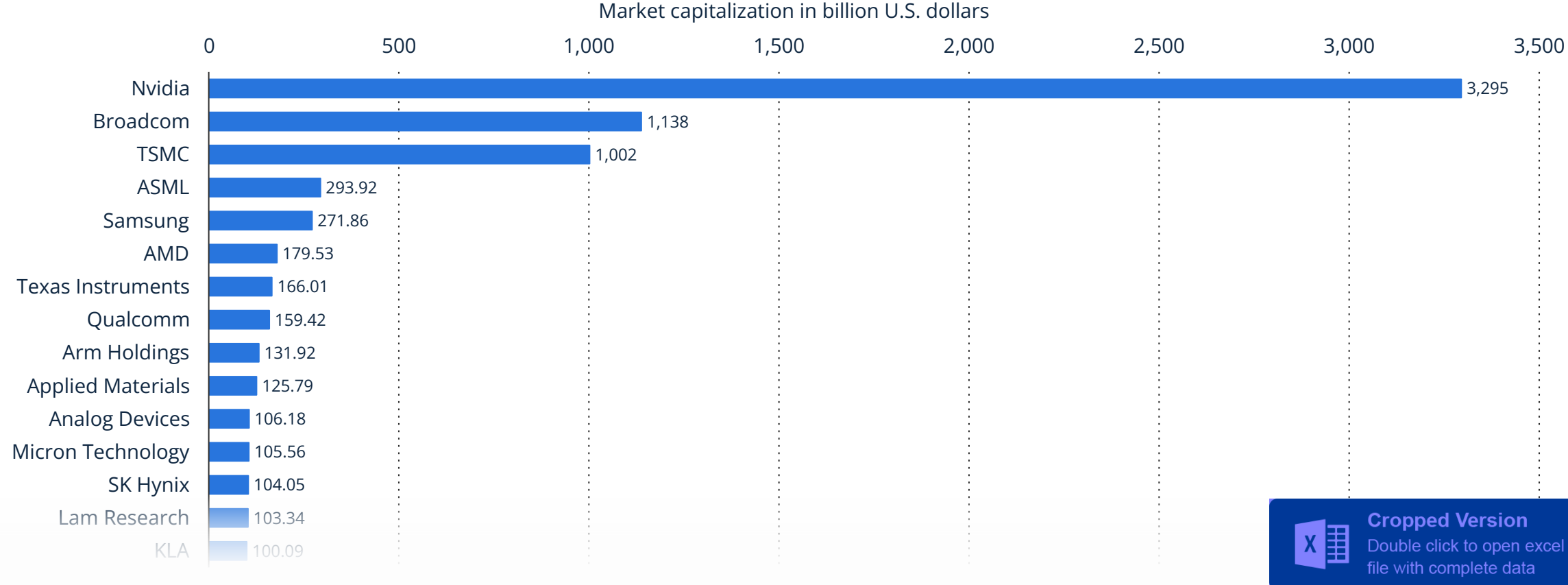
# Leading tech companies worldwide as of July 2025, by market capitalization (in billion U.S. dollars)

Leading tech companies worldwide 2025, by market cap



# Leading semiconductor companies worldwide in 2025, by market capitalization (in billion U.S. dollars)

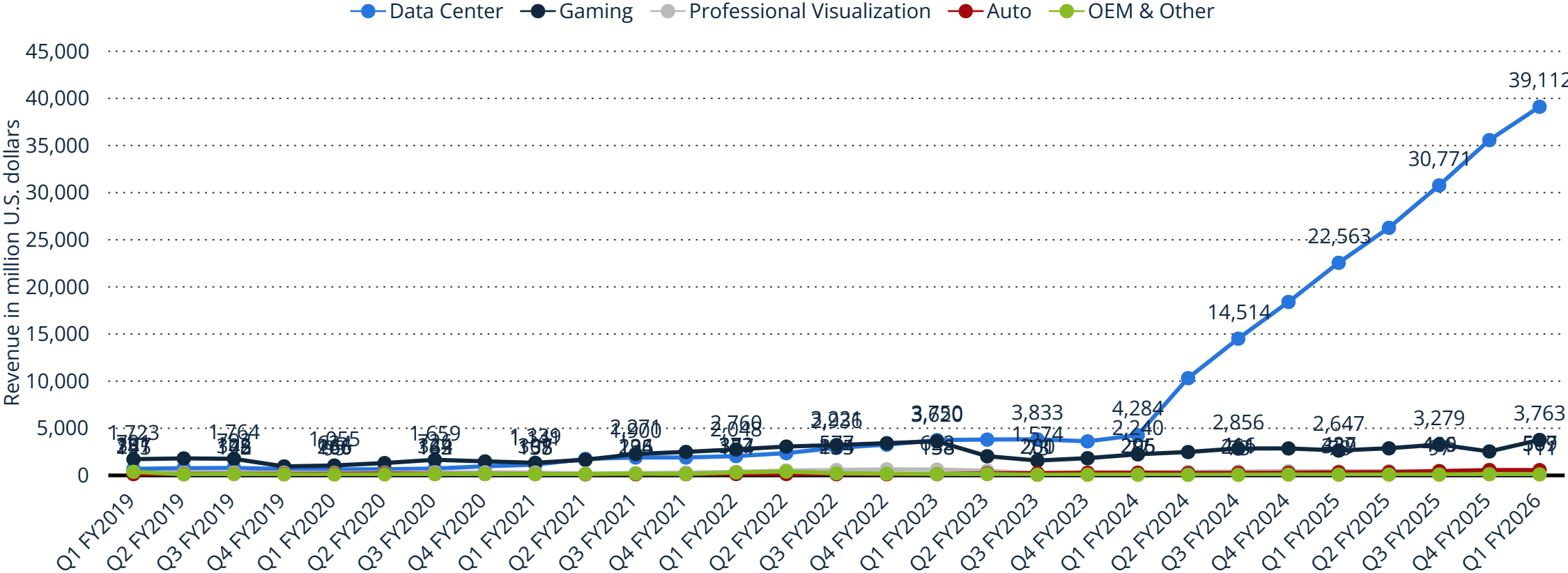
Leading semiconductor companies worldwide 2025, by market cap



**Cropped Version**  
 Double click to open excel file with complete data

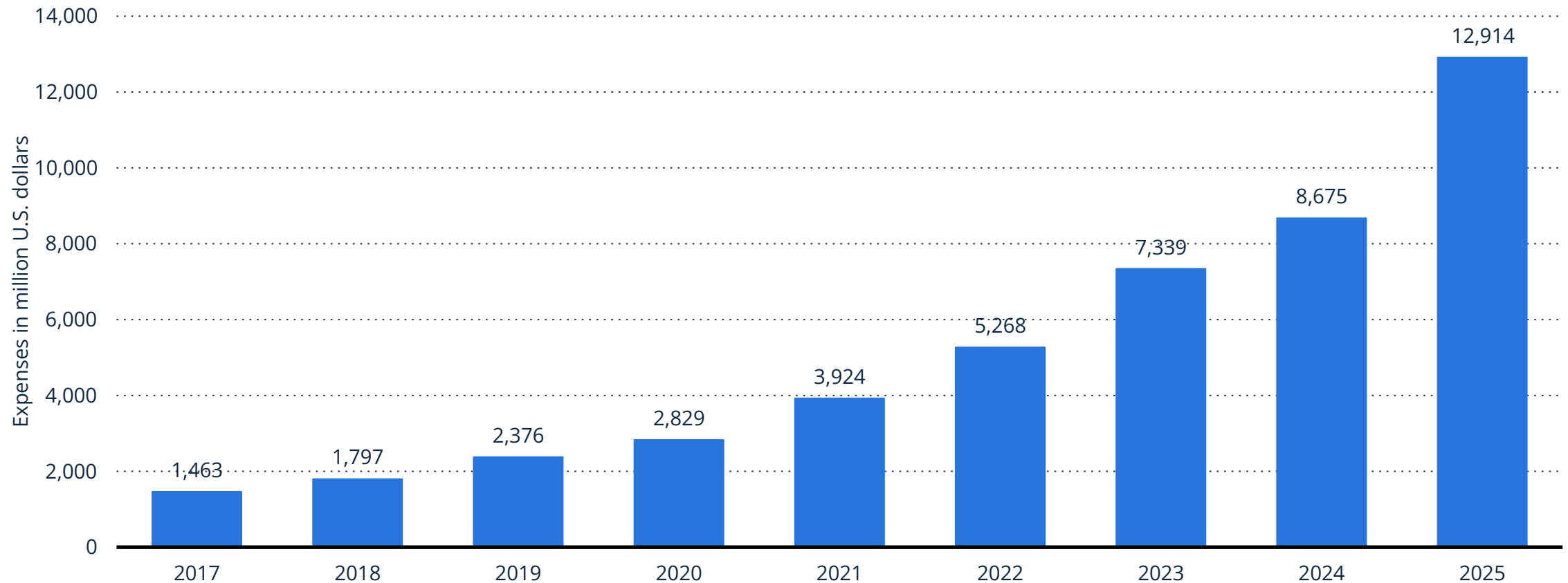
# Nvidia specialized market revenue from fiscal year 2019 to 2026, by quarter (in million U.S. dollars)

Nvidia specialized market revenue FY2019-2026, by quarter



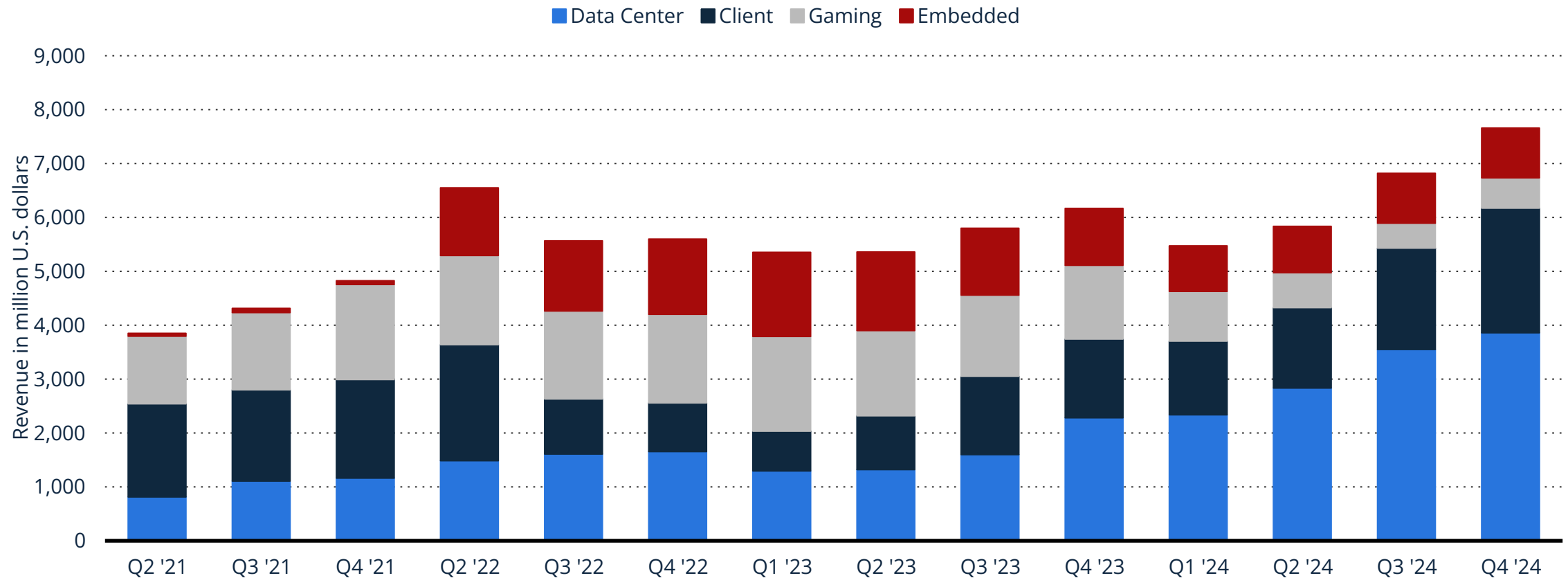
# Nvidia research and development expenses worldwide from fiscal year 2017 to 2025 (in million U.S. dollars)

Nvidia research and development expenses worldwide FY2017-2025



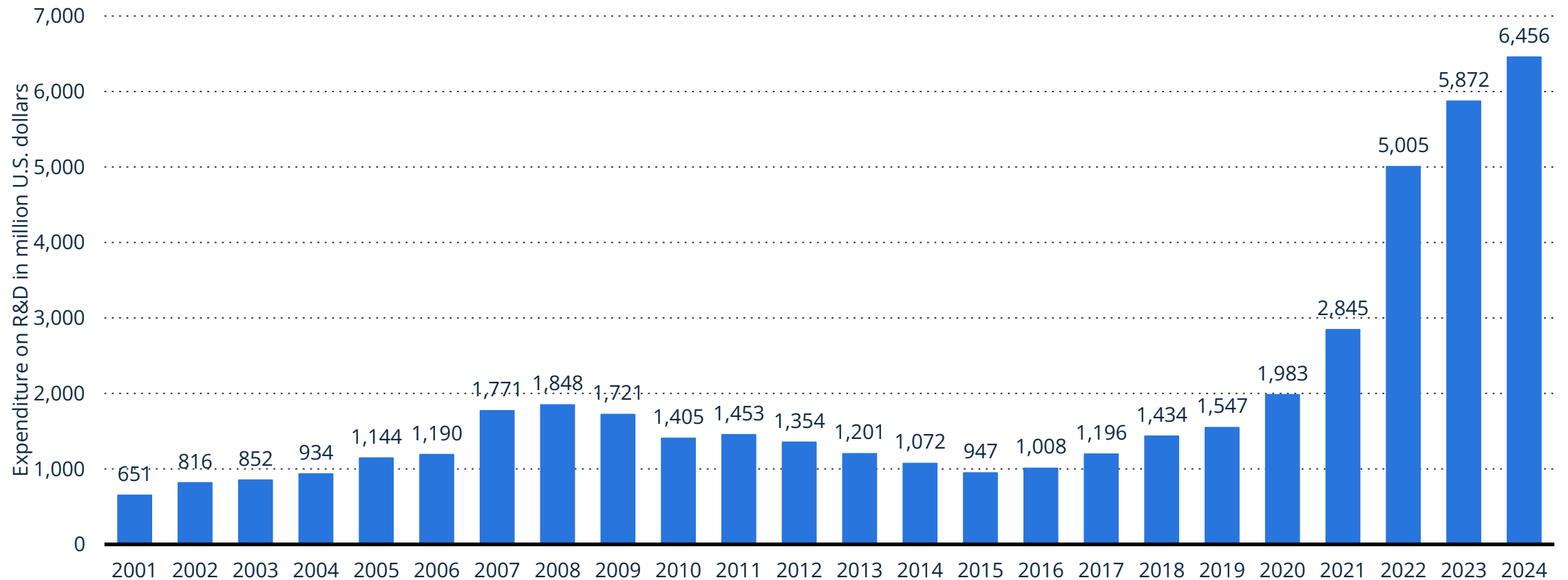
# AMD segment revenue worldwide from 2021 to 2024, by quarter (in million U.S. dollars)

AMD segment revenue worldwide 2021-2024, by quarter



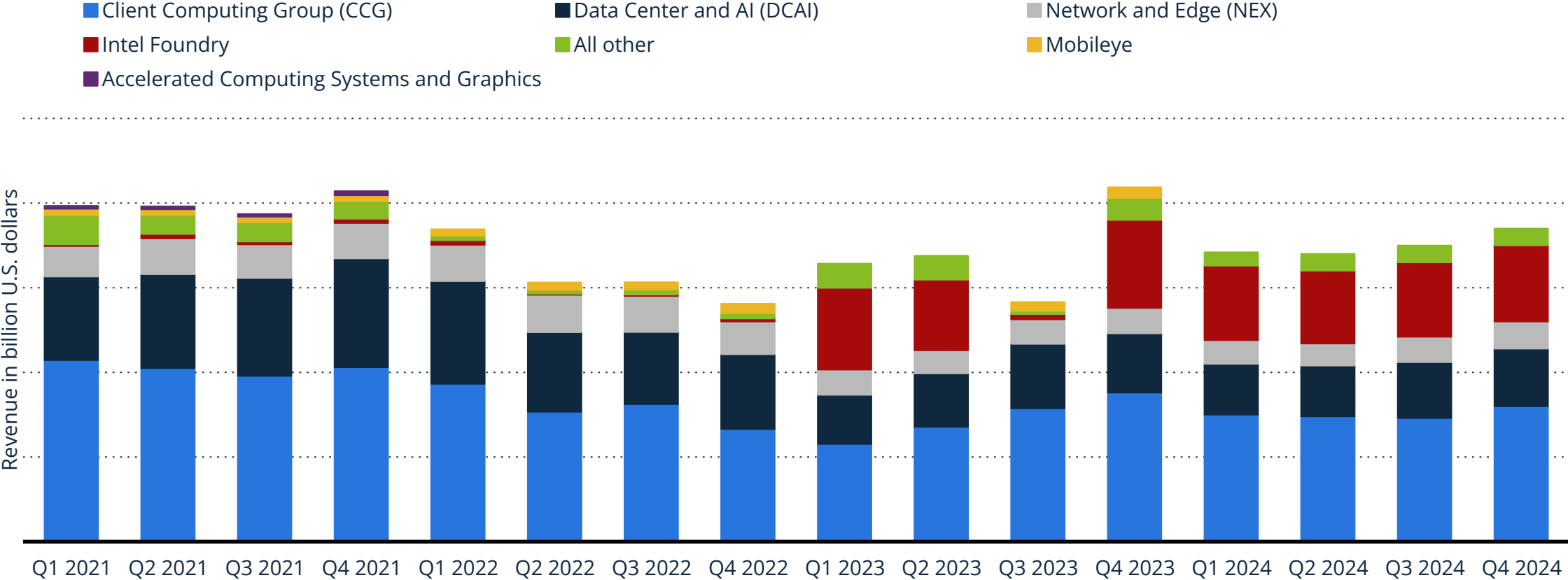
# AMD research and development expenditure from 2001 to 2024 (in million U.S. dollars)

AMD research and development expenditure 2001-2024



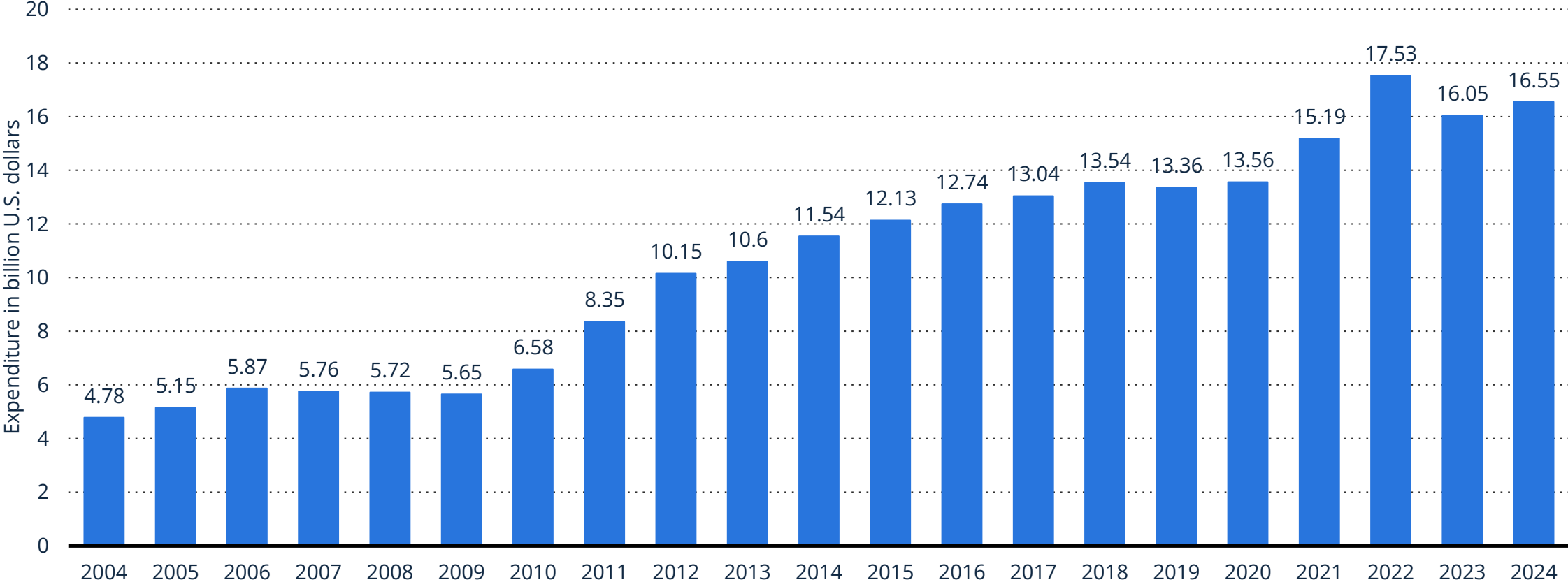
# Intel quarterly revenue from 2021 to 2024, by segment (in billion U.S. dollars)

Intel quarterly revenue 2021-2024, by segment



# Intel research and development expenditure from 2004 to 2024 (in billion U.S. dollars)

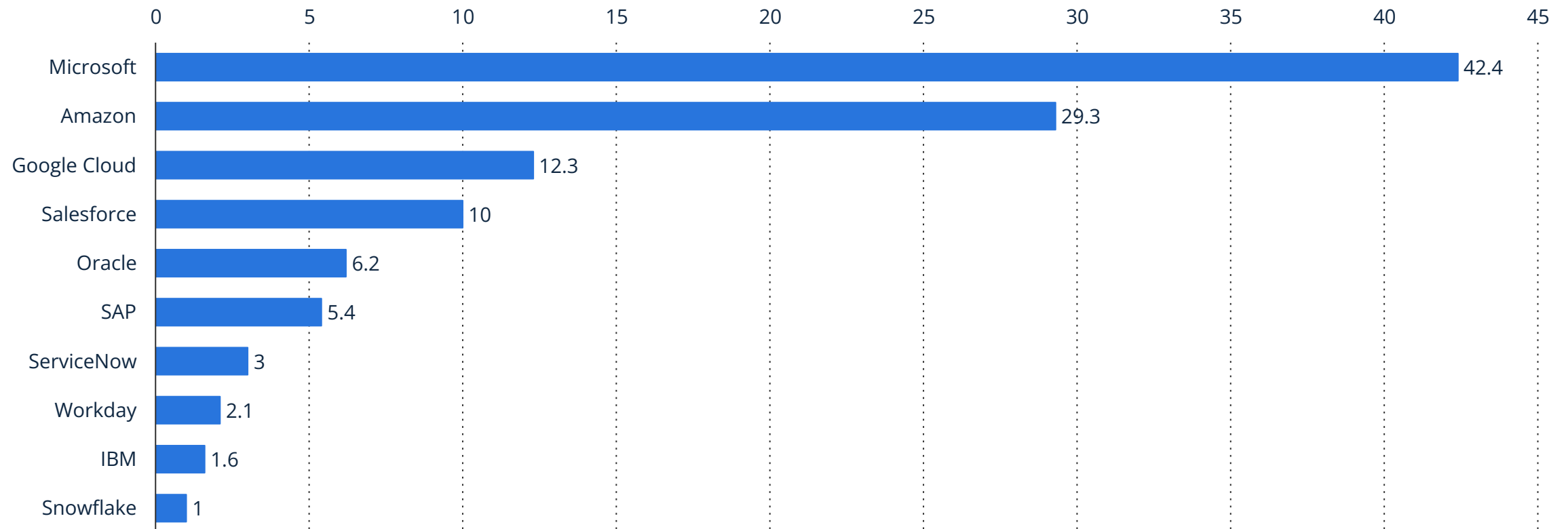
Intel research and development expenditure 2004-2024



# Worldwide top-10 leading cloud vendors by total revenue 2025 (in billion U.S. dollars)

Global top-10 cloud vendors by total revenue 2025

Revenue in billion U.S. dollars



# Sources

AMD  
ASML  
Capgemini  
cloudwars.co  
CompaniesMarketCap.com  
Gartner  
Intel  
Mordor Intelligence  
Nvidia  
SIA  
Statista  
World Semiconductor Trade Statistics