Bewysstuk 1

Quantum computing could deliver $1.3 trillion to $2.7 trillion in economic value to companies worldwide by 2035.

Impact of quantum computing (QC) across key industries

Low | Medium | High

Industry	Key segments	Economic value from QC[1] ~2025–30	Economic value from QC[1] ~2030–35	Value at stake from QC by 2035,[2] $ billion
Global energy and materials	Chemicals	Medium	High	450–800
	Oil and gas	Low	Medium	50–150
Financial industry	Financial services	Medium	High	400–600
Pharmaceuticals and medical products	Pharmaceuticals	Medium	High	80–400
Travel, transport, and logistics	Travel, transport, and logistics	Medium	High	200–500
Advanced industries	Automotive	Low	Medium	
	Aerospace and defense	Medium	High	
	Advanced electronics	Low	Medium	
	Semiconductors	Low	Medium	50–100
Insurance	Insurance	Medium	Medium	
Telecom, media, and technology[3]	Telecom	Low	Medium	
	Media	Low	Low	
Total				**1,280–2,700**

Note: The incremental impact of QC overlaps with the impact of gen AI, meaning the total value at stake is not entirely additive. Value estimates are approximate and not definitive projections for business value.
[1]Defined as impact on revenue and cost savings relative to the industry size.
[2]Defined as the absolute impact in terms of revenue and cost savings.
[3]Excludes technology companies and quantum computing pure-play players.
Source: Oxford Economics; McKinsey analysis

McKinsey & Company