

US Tech Landscape 2025: AI Dominance, Semiconductor Boom, and Evolving

Technology Market Trends · Answer Key · 10 Questions

1. In 2025, what is the projected growth rate for US tech spending, and which sector is expected to see the most significant increase?

- A) 4.5% driven by hardware
- B) 6.1% driven by software**
- C) 5.0% driven by IT services
- D) 7.2% driven by cybersecurity

2. Between 2019 and 2024, approximately how many jobs were added to the US Semiconductor industry, outpacing broader economic growth?

- A) Over 15,000
- B) Over 24,000
- C) Over 33,000**
- D) Over 45,000

3. What is the projected value of the US Artificial Intelligence market by 2032, and which technology segment is expected to register the highest CAGR during the forecast period?

- A) \$500.04 billion; Machine Learning
- B) \$750.04 billion; Generative AI**
- C) \$600.00 billion; Computer Vision
- D) \$900.00 billion; Robotics

4. The US cybersecurity market was valued at approximately how much in 2024, and what is its projected CAGR from 2025 to 2034?

- A) \$60 billion; 10.5%
- B) \$91.93 billion; 12.6%**
- C) \$110 billion; 15.5%
- D) \$150 billion; 8.0%

5. In 2024, what percentage of US power generation was contributed by renewable energy sources, with solar leading the increase?

- A) 18%
- B) 24%**
- C) 30%
- D) 35%

6. Which sector is projected to grow at the fastest rate within the US biotechnology market during the forecast period (2025-2034), and what is its estimated CAGR?

A) Genomics; 15.5%

B) Bioinformatics; 17.13%

C) Nanobiotechnology; 16.0%

D) Drug Discovery; 14.5%

7. The United States Quantum Computing Solutions Market is valued at approximately how much, and what is a primary driver of its growth?

A) \$150 million; Government funding

B) \$470 million; Integration with AI

C) \$300 million; Private sector investment

D) \$600 million; Quantum encryption development

8. As of Q1 2025, how many operational solar component manufacturing projects were tracked across the US, and what is their combined module production capacity?

A) 80 projects; 30 GW

B) 110 projects; 42 GW

C) 130 projects; 50 GW

D) 150 projects; 60 GW

9. In 2025, what is the projected market share of payment services within the US fintech market?

A) 25%

B) 35%

C) 45%

D) 55%

10. Which of the following cybersecurity threats has seen a significant increase in impact, with 97% of companies reporting related issues or breaches due to its advancement?

A) Phishing attacks

B) Ransomware-as-a-service

C) Generative AI-related risks

D) DDoS attacks