

# North American Tech Landscape: Quantum Leaps, AI Regulations & Semiconductors

Technology News · Answer Key · 15 Questions

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**1. In May 2026, which two major quantum computing labs released updated roadmaps that placed pressure on cloud providers by detailing specific qubit-count targets for the latter half of the year?**

**A) IBM and Google**

B) Microsoft and Intel

C) PsiQuantum and Rigetti

D) Amazon and Quantinuum

**2. What significant federal incentive program, detailed in May 2026, aims to substantially triple domestic semiconductor manufacturing capacity in the U.S. by 2032?**

**A) The CHIPS and Science Act**

B) The National Quantum Initiative Act

C) The Advanced Manufacturing Partnership

D) The CREATE Innovation Act

**3. As of May 2026, what is the current state of comprehensive federal AI law in the United States?**

**A) There is no federal AI law, but there is significant federal activity and state-level regulation.**

B) A comprehensive federal AI law was passed in early 2026, preempting state laws.

C) Federal AI regulation is limited to voluntary frameworks with no binding legislation.

D) Congress has passed bipartisan legislation establishing a federal AI regulatory body.

**4. Which North American tech event, scheduled for May 26-31, 2026, marked its first time in Boston and featured hundreds of events from companies, founders, and funds?**

**A) Tech Week Boston**

B) Silicon Valley May Summit

C) Gartner Security & Risk Management Summit

D) HPE Discover Las Vegas

**5. In May 2026, what major development occurred in the semiconductor industry concerning AI demand and legacy chip capacity?**

**A) AI demand began to squeeze legacy chip capacity, while automotive and passive component markets showed stability.**

B) The demand for legacy chips surged due to AI infrastructure needs, causing shortages.

C) Foundries shifted focus from AI to automotive chips, stabilizing legacy component supply.

D) AI demand led to a surplus of legacy chips, causing a price crash.

**6. Which major tech acquisition, reported in May 2026 and valued at \$55 billion, was described as the largest video-game acquisition ever?**

- A) PIF, Silver Lake, and Affinity Partners' Acquisition of Electronic Arts**
- B) Google's acquisition of Wiz
- C) SoftBank's Acquisition of DigitalBridge
- D) Charter Communications' Merger with Cox Communications

**7. Regarding AI regulatory developments in the United States as of May 2026, what is a key characteristic of the regulatory landscape?**

- A) A patchwork of state laws is rapidly evolving, as federal legislation is still developing.**
- B) A single, comprehensive federal AI law governs all AI development and deployment.
- C) Federal agencies are the primary regulators, with minimal state-level activity.
- D) AI regulation is primarily driven by international treaties, with limited U.S. action.

**8. In May 2026, what significant development was reported regarding Google and SpaceX's discussions?**

- A) Discussions about orbital data centers.**
- B) A joint venture to develop a Mars colony.
- C) A partnership for a new satellite internet constellation.
- D) Collaborative research into fusion power.

**9. According to May 2026 reports, what percentage of global organizations had experienced a confirmed or suspected AI-related security incident?**

- A) Half of global organizations.**
- B) Less than 10% of global organizations.
- C) Approximately 75% of global organizations.
- D) Only 25% of global organizations.

**10. In May 2026, what was the dominant driver of operational and financial disruption across North America's cybersecurity landscape, accounting for approximately 45% of all recorded incidents?**

- A) Ransomware**
- B) Distributed Denial of Service (DDoS) attacks
- C) Phishing campaigns
- D) Insider threats

**11. What U.S. federal action was introduced in May 2026, aiming to shift the cost of grid upgrades tied to power demand from residential consumers to large-load customers like AI data centers?**

**A) The Protecting Families from AI Data Center Energy Costs Act (H.R. 6529)**

- B) The Energy Independence and Security Act
- C) The National Grid Modernization Initiative
- D) The AI Infrastructure Security and Affordability Act

**12. In May 2026, what key trend was identified as the dominant driver for technology M&A heading into the year, with businesses actively competing for infrastructure to support it?**

**A) Artificial Intelligence (AI)**

- B) Virtual Reality (VR)
- C) Blockchain Technology
- D) 5G Network Expansion

**13. Which company announced in May 2026 a significant collaboration with Multiply Labs to advance the use of robotic systems in cell therapy manufacturing?**

**A) CPC Biotech**

- B) Janssen Pharmaceuticals
- C) Novartis
- D) Gilead Sciences

**14. What significant event in the space sector was expected to occur in June 2026, with SpaceX having confidentially filed its S-1 with the SEC in April 2026?**

**A) A Nasdaq IPO aiming to raise up to \$75 billion at a \$1.75 trillion valuation.**

- B) The launch of a new mission to establish a permanent moon base.
- C) The unveiling of a revolutionary new propulsion system for deep space travel.
- D) The acquisition of a major aerospace competitor.

**15. In May 2026, what was reported as a major development in quantum computing regarding error correction and logical qubit stability, with IBM and Google releasing new roadmaps?**

**A) Measurable gains in error-corrected qubits, with clear benchmarks now available.**

- B) A significant setback in error correction, leading to increased qubit instability.
- C) The complete abandonment of error correction research in favor of brute-force qubit scaling.
- D) A breakthrough in room-temperature superconductivity for quantum processors.