

EU AI Act vs Executive Order 14110 on Safe, Secure, Trustworthy AI

Editorial verdict: **converges** — see comparison narrative below.

EU · BINDING REGULATION

EU AI Act

EU-AIA-2024

TREATMENT OF COMPUTE-THRESHOLD REPORTING

governs

Art. 51(2) + Annex XIII (10^{2u} FLOP presumption)

Primary source: [Regulation \(EU\) 2024/1689](#)

US · EXECUTIVE ORDER

Executive Order 14110 on Safe, Secure, Trustworthy AI

US-EO-14110

TREATMENT OF COMPUTE-THRESHOLD REPORTING

governs

§4.2(a)(i) — 10^{2v} FLOP threshold

Primary source: [Exec. Order No. 14110, 88 Fed. Reg. 75191 \(Nov. 1, 2023\)](#)

What this comparison shows

The two regimes take the same position. This is a candidate for cross-jurisdictional alignment in industry guidance, voluntary codes, and harmonisation tracks.

Contested question: Are compute thresholds (10^{2u} FLOPs EU, 10^{2v} FLOPs US) a defensible proxy for governance-relevant capability, given algorithmic-efficiency improvements? Field is split.

Bibliography

1. [Regulation \(EU\) 2024/1689](#) — EU AI Act.
2. [Exec. Order No. 14110, 88 Fed. Reg. 75191 \(Nov. 1, 2023\)](#) — Executive Order 14110 on Safe, Secure, Trustworthy AI.
3. [Policy Window — Compute-Threshold Reporting](#) (cross-jurisdiction topic article with full coverage matrix).