

Frontier-Tier AI

frontier-tier · risk class · concept

Source: <https://policywindow.org/wiki/frontier-tier>

Generated 2026-05-30T22:10:57 UTC

Summary

A categorical classification of AI models above certain capability or compute thresholds, indicating heightened regulatory scrutiny.

At a glance

Used by

12 instrument(s)

Related concepts

asl-3, systemic-risk, designated-systemic, compute-threshold

Primary source

EU AI Act Art. 51 + Annex XIII (the closest binding definition)

Details

Frontier-tier classification varies by jurisdiction. The EU AI Act presumes 'systemic risk' at $e10^{2u}$ FLOPs training compute OR $e45M$ EU monthly active users. The US EO 14110 used 10^{2v} FLOPs as the reporting trigger. Industry frameworks (Anthropic ASL, OpenAI Preparedness, DeepMind FSF) use capability-based rather than pure-compute frontier markers. The term 'frontier' has no single canonical definition; it is operationalized differently across regulators and developers.

How to cite this article

APA

Policy Window. (n.d.). Frontier-Tier AI [Wiki article — Concept]. <https://policywindow.org/wiki/frontier-tier>

CHICAGO

Policy Window. n.d.. "Frontier-Tier AI." Wiki article (Concept). <https://policywindow.org/wiki/frontier-tier>.

HARVARD

Policy Window (n.d.) 'Frontier-Tier AI', Wiki article — Concept, available at: <https://policywindow.org/wiki/frontier-tier>.

OSCOLA

Policy Window, 'Frontier-Tier AI' (Wiki article — Concept, n.d.) <<https://policywindow.org/wiki/frontier-tier>> accessed [date].

BIBTEX

```
@misc{policywindow-frontier-tier,  
title = {Frontier-Tier AI},  
author = {Policy Window},  
year = {n.d.},
```

```
howpublished = {frontier-tier - risk class},  
url          = {https://policywindow.org/wiki/frontier-tier},  
note        = {Primary source: https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32024R1689}  
}
```