

US Treasury Office of Payment Integrity — Machine learning to prevent and recover federal payment fraud

AI in the Public Sector · Good practice · United States of America

Quality score: 80/100

Evidence strength: Observational / pre–post

Summary

The US Treasury's Office of Payment Integrity uses ML to screen federal disbursements. In FY2024, ML-driven processes prevented or recovered \$4.059 billion — a 6× increase from \$652.7 million in FY2023 — by flagging high-risk transactions and accelerating Treasury check-fraud det

Key dimensions

Dimension	Score
Evidence of impact / measured public value	3/3
Transparency, fairness & accountability	2/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	3/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-06-25

[Office of Payment Integrity, Bureau of the Fiscal Service, US Department of the Treasury](#) — accessed 2026-06-25

[Treasury Announces ML AI Prevented and Recovered Over \\$4 Billion in FY2024 \(US Treasury, Oct 2024\)](#) — accessed 2026-06-25

[AI tools helped Treasury recover billions in fraud and improper payments \(Nextgov/FCW, Oct 2024\)](#) — accessed 2026-06-25

[US Treasury AI Tools Recover Over \\$4B in Fraud, a Sixfold Increase in FY2024 \(DeepNewz\)](#) — accessed 2026-06-25

[Machine Learning AI Helped Detect \\$4 Billion Worth of Fraud in 2024 \(Decrypt, Oct 2024\)](#) — accessed 2026-06-25

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