

MCP SERVER

NO CODE

CLOUD HOSTED

FRED Releases — Economic Calendar MCP

Track U.S. Macro Data Schedules Instantly

FRED Releases — Economic Calendar tracks every major U.S. economic data release, from Employment Situation and GDP to CPI, plus hundreds of underlying series. You get real-time visibility into upcoming and historical dates for critical financial metrics, letting your agent build a comprehensive, custom economic calendar on demand.

A+ Quality Score 98.33/100

economic-calendar

data-releases

macroeconomics

financial-reporting

time-series

market-data



The infrastructure that powers AI agents in the real world.



Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.

— Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256

Encryption at rest

Ed25519

PKI vault signatures

24h TTL

Ephemeral session keys

V8 Isolate

Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

`https://edge.vinkius.com/{token}/mcp`

Claude



Cursor



VS Code



Windsurf



Grok



Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

06 — Honeypot Trap System

Phantom credentials are injected into isolated environments. If a honeypot is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1)
Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

Get started at cloud.vinkius.com — connect your AI agent in under 60 seconds.

FRED Releases — Economic Calendar MCP

4 tools available
Cloud-hosted on Vinkius

Need to know when the next big economic number drops? This MCP gives your AI client direct access to the U.S. economic landscape published by the St. Louis Fed. Forget jumping between multiple government websites just to compile a schedule; this tool lets you ask for specific releases—like GDP or the Federal Funds Rate—and get details, past dates, and future schedules immediately. You can also drill down deep into any release to discover every individual data series it contains, finding metrics like unemployment rates or housing starts without guesswork. It's pure macro data visibility. By connecting this MCP through Vinkius, your agent becomes an instant economic research assistant, letting you build a custom calendar and pull complex time-series data using simple conversation.

Core Capabilities

01 — List all available releases

You can retrieve the titles of every major U.S. economic report published by FRED.

03 — Build a custom economic calendar

Request upcoming or historical dates for any major report, letting you build your own personalized financial schedule.

02 — Get details for a specific release

Specify an official ID, and you get comprehensive information about that exact data category (e.g., what GDP means).

04 — Discover all underlying data series

For a given release, you can list every single individual metric—sometimes hundreds of them—that was reported that month.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/fred-releases-economic-calendar — connect your AI agent in three steps.

- 01 First, tell your agent which major data category you want to track (e.g., 'CPI' or 'GDP').
- 02 Next, ask the MCP to retrieve the release dates for that category, whether you need next week's schedule or historical records.
- 03 Finally, if you need specific metrics, prompt the tool to list all individual series within that report.

The bottom line is, you get a single conversational path to navigate complex government economic data sets without needing API keys or manual web scraping.

Built For

Macro economists, financial analysts, and specialized journalists need this. If your job involves knowing *when* critical numbers drop—and what those numbers mean—you're here. You don't have time to manually cross-reference dozens of government sites; you need instant data access.

Financial Analyst

They use this MCP to check the upcoming release dates for CPI and Fed Funds Rates, ensuring they are ready to model market reactions before the data even drops.

Economic Journalist

They need to pull historical series details for reports like Employment Situation (BLS) to write articles comparing current trends against decade-old benchmarks.

Fund Manager

They use this MCP to confirm the exact release ID and timing of core metrics, allowing their agent to quickly build a risk timeline for portfolio adjustments.

What Changes When You Connect

- 01 Know exactly when to expect key data drops. By using `get_release_dates`, your agent builds a reliable, custom calendar for reports like GDP and CPI so you never miss an earnings window.
- 02 Avoid searching through endless government pages. Instead, use the MCP to discover every single series within a report via `get_release_series`—you get names like UNRATE or PAYEMS immediately.
- 03 Get context on major reports using `get_release`. This tool gives you the full definition and scope of a data set before you even start analyzing it, saving research time.
- 04 See every relevant report at a glance. Use `list_releases` to quickly survey all available economic categories—from housing starts to inflation rates—to see what's coming next.
- 05 Build complex reports with simple prompts. Because the MCP consolidates data from dozens of sources, your agent handles the heavy lifting of pulling diverse time-series information for you.

Real-World Applications

Preparing for a major jobs report

A financial analyst needs to know when the next Employment Situation release is and what metrics are included. They prompt the agent, which uses ``get_release_dates`` first, then uses ``get_release_series`` to list all 500+ series they need to model.

Comparing inflation trends over time

A macro economist wants a historical view of CPI and PPI. They use the MCP to get release dates for both, then use ``get_release`` on each one to ensure they are pulling comparable data structures from different years.

Quickly checking sector-specific metrics

A fund manager needs a quick look at all available economic releases. They ask the agent, which uses ``list_releases`` to provide a comprehensive overview of every category they might care about that week.

Validating data source scope

A journalist is writing an article on real estate and needs to confirm if housing starts are covered. They ask the agent, which uses ``get_release`` with the Housing Starts ID (189) to verify that the metric exists in the system.

Patterns to Avoid

Searching by vague keywords

X AVOID

Asking your AI client simply 'Show me US economic data.' This provides no structure and is useless because it doesn't know what you need.

✓ INSTEAD

Don't guess. Use ``get_release`` with a known ID (like 53 for GDP) or use ``list_releases`` to narrow down the exact category first.

Assuming data availability

X AVOID

Writing code that assumes every release has all possible metrics, leading to broken reports when one series is missing.

✓ INSTEAD

Always check specific dates and contents by using ``get_release_dates`` before writing any script. This confirms the report actually runs next week.

Missing the deep dive

X AVOID

Only checking the main release page, which only shows top-level summaries and misses crucial supporting data points.

✓ INSTEAD

After getting a general overview of a release, always use ``get_release_series`` to find those secondary metrics (like UNRATE) that are critical for accurate analysis.

The Right Fit

Use this MCP if your primary need is structured, time-sensitive data about US economic reporting. You need the *when* and the *what* of official government numbers. This tool excels at building a comprehensive schedule or listing out every metric contained within a known report.

Don't use it if you are tracking proprietary internal metrics (like your company's sales figures) or highly variable, real-time market prices

(like current stock quotes). For those, you need a different type of data connector. If you just need general definitions without dates, simply browsing the FRED website works, but this MCP gives you actionable, scheduled data points.

Keeping Track of Economic Releases is a Manual Headache

Today, compiling an accurate economic calendar means jumping through hoops. You check the BLS site for job numbers, then switch to BEA for GDP, and finally hop over to FOMC pages just for interest rates. It's copy-paste hell, requiring you to manually track IDs, dates, and whether a metric is even available this quarter.

With this MCP, all that cross-site clicking vanishes. Your agent handles the coordination. You ask for the upcoming calendar, and it pulls the required schedules from multiple sources into one clean output. You get instant clarity, not browser fatigue.

Discovering Every Metric with ``get_release_series``

The hardest part of deep financial research is knowing which specific data point you need—is it the annual rate, or the quarterly percentage change? Manually digging into a report often means clicking through dozens of sub-pages to find that single series ID.

Now, with `get_release_series`, you ask for all metrics within a release, and the agent gives you every available data point in one go. You get the full scope of what was reported, making your analysis comprehensive from minute one.

FRED Releases — Economic Calendar: 4 Tools

These tools let you list reports, get details on specific releases, check calendar dates, and discover every single underlying metric within FRED's massive database.

#	TOOL	DESCRIPTION
01	<code>list_releases</code>	This tool lists all major economic data reports available through FRED.
02	<code>get_release</code>	You can get full details about a specific, identified FRED release using its ID (like 10 for Employment Situation).
03	<code>get_release_dates</code>	This tool retrieves the schedule of dates—past or future—for an entire data report.
04	<code>get_release_series</code>	Use this to find and list every single individual metric contained within a specific economic release.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U When is the next Employment Situation release?



📅 Employment Situation (Release #10)

Next release: February 7, 2025 (8:30 AM ET)

Previous: January 10, 2025

Source: Bureau of Labor Statistics (BLS)

This release contains UNRATE, PAYEMS, and 500+ employment series.

U What series are included in the GDP release?



💰 GDP Release (#53) — Key Series

- GDP — Gross Domestic Product
- GDPC1 — Real GDP (Chained 2017 Dollars)
- A191RL1Q225SBEA — Real GDP % Change
- PCEC — Personal Consumption
- GPDI — Gross Private Domestic Investment

+200 more series in this release.

U Show me the upcoming economic calendar for this week



This Week — Economic Releases

DATE	RELEASE	SOURCE
Mon	ISM Manufacturing	ISM
Tue	JOLTS Job Openings	BLS
Wed	ADP Employment	ADP
Thu	Initial Claims	DOL
Fri	Employment Situation	BLS

The Jobs Report (Friday) is the market-moving headline event.

Frequently Asked Questions

01 How do I find out which reports are available using FRED Releases — Economic Calendar MCP?

You use ``list_releases``. This tool gives you a complete list of every major economic category, allowing you to see the full scope of data coverage at once.

02 Can I build a calendar for multiple reports using FRED Releases — Economic Calendar MCP?

Yes, by chaining ``get_release_dates``. You simply ask the agent for dates across several report IDs in one prompt to compile your full weekly schedule.

03 What is the difference between getting a release and getting its series using FRED Releases — Economic Calendar MCP?

Using ``get_release`` provides metadata about the entire report (the 'folder'). Using ``get_release_series`` lists the specific data files (the 'documents') inside that folder.

04 How do I get historical economic dates with FRED Releases — Economic Calendar MCP?







You use ``get_release_dates`` and specify a date range or use the tool without an ID to see past schedules for all available releases.

Go Live in 60 Seconds

Get your connection token from cloud.vinkius.com, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT	WHERE TO CONFIGURE
 Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 Cursor	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"fred-releases-economic-calendar": { "url": "..." }</code>
 Windsurf	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
 Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

-  **Ask ChatGPT** 
-  **Ask Claude** 
-  **Ask Perplexity** 
-  **Ask Gemini** 
-  **Ask Grok** 

READY TO CONNECT

FRED Releases — Economic Calendar is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and
start building. No SDK. No deployment. Just results.

[Start at cloud.vinkius.com](https://cloud.vinkius.com) →

vinkius.com · support@vinkius.com

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