MCP SERVER | NO CODE | CLOUD HOSTED

World Bank Economy MCP

Track global GDP, inflation, and growth rates instantly.

World Bank Economy MCP gives your AI client instant access to global economic indicators from the World Bank. Retrieve historical and current data on GDP, inflation rates, interest rates, and country-specific financial health metrics for deep macro analysis.

A+ Quality Score 98.33/100

economic-indicators | gdp-data | inflation-tracking | financial-data | macroeconomics | open-data

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vinkius.com/mcp/world-bank-economy

SCAN TO VIEW

The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the connectivity layer where AI connects 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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

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

FinOps

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

Tool Health

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

Firewall & DLP

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

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.

World Bank Economy MCP

4 tools available
Cloud-hosted on Vinkius

Need to understand how a recession in one region affects commodity prices elsewhere? This MCP connects your agent directly to decades of world economic data. Forget navigating complex bank websites or juggling multiple spreadsheet tabs just to get basic indicators. Your AI client handles the heavy lifting, allowing you to ask high-level questions—like 'How did Brazil's GDP growth compare to South Korea's per capita metrics between 1990 and 2024?' The data retrieval is clean, reliable, and open for global research. Because Vinkius hosts this connection, your agent can access the World Bank's full catalog of economic tools alongside any other service you use.

Core Capabilities

01 — Compare national GDP metrics

Fetch Gross Domestic Product (GDP) and its annual growth rate for multiple countries over specific time periods.

02 — Track global inflation trends

Retrieve the annual percentage change in consumer prices to monitor inflationary pressure across different economies.

03 — Get country-specific economic data

Query a broad range of specialized World Bank economy indicators using their official codes for precise research.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/world-bank-economy** — connect your AI agent in three steps.

01 Subscribe to the MCP. You won't need to configure any credentials because access is completely open.

02 Tell your agent what you need. For example, 'Compare inflation in Turkey and India.'

03 The MCP executes the necessary calls (like get_inflation) and returns structured data that your AI client can use for analysis.

The bottom line is that your agent handles all the API complexity; you just ask a question about global economics, and it gets the answer.

Built For

This MCP is essential for financial analysts, quantitative economists, market researchers, and advanced students. If your job requires comparing economic metrics across multiple nations or time periods, this connector saves hours of manual data collection.

Quantitative Economist

Uses the MCP to build global macro models by retrieving annual GDP growth percentages and tracking specific indicators using get_economy_indicator.

Financial Analyst

Compares inflation rates across different G20 nations to advise clients on investment risk, often using get_gdp and get_inflation.

Market Researcher

Investigates historical economic trends by querying GDP per capita growth over decades for developing versus developed markets.

What Changes When You Connect

01 Compare economies across borders. You can compare the annual GDP of Brazil against Argentina in a single query using get_gdp, eliminating manual data lookups.

02 Monitor price instability with precision. Use get_inflation to track consumer price changes globally, helping you gauge inflationary risk for investment strategies.

03 Build deep historical models. Check out how get_gdp_growth tracks annual percentage shifts over decades, perfect for long-term economic forecasting.

04 Access specialized metrics quickly. If a standard indicator isn't available, use get_economy_indicator with the specific code to pull any World Bank data point you need.

05 Compare per capita metrics easily. You can analyze how GDP per capita trends in South Korea compare against other rapidly industrializing nations.

Real-World Applications

Assessing post-pandemic recovery

A financial analyst needs to know which markets recovered fastest. They ask their agent to use get_gdp_growth to compare the year-over-year percentage change in three countries, quickly identifying outlier performance metrics.

Modeling commodity price volatility

A market researcher wants to tie oil prices to inflation. They ask their agent to use get_inflation alongside get_economy_indicator for the last decade of key producing nations' data.

Client due diligence on emerging markets

A consultant needs a quick snapshot of multiple countries. They tell their agent to run get_gdp for five different nations to determine which market has the largest current economic output, saving hours of manual searching.

Academic research on development cycles

An academic student tracks long-term wealth accumulation. They instruct their agent to query the history of GDP per capita using get_economy_indicator across a defined list of nations since 1950.

Patterns to Avoid

Using this for internal company metrics

✗ AVOID

Trying to find Q3 revenue figures from your own company's proprietary database, assuming the World Bank data will include it.

✓ INSTEAD

This MCP provides public global macro data. If you need internal financial records, use a connector designed for your specific CRM or ERP system.

Searching by vague concept names

✗ AVOID

Asking the agent 'What is the economy doing?' without specifying country or time frame.

✓ INSTEAD

Be precise. Use get_gdp and name the countries, or use get_economy_indicator with a specific code (like 'EN.ATM.CC04.CD') to narrow the scope.

Mixing data sources without planning

✗ AVOID

Trying to analyze World Bank GDP data alongside internal employee salary data in one go.

✓ INSTEAD

Keep the data streams separate. Use this MCP for global metrics, and use other specialized connectors for your private business operational data.

The Right Fit

Use this MCP if your question involves comparing large-scale economic indicators across countries or decades (e.g., 'What was the inflation rate in France versus Germany during 2015?'). It's perfect for academic, journalistic, and high-level financial due diligence.

Don't use it if you need highly specialized, non-public data—like a specific company's sales figures or your firm's internal quarterly reports. For those scenarios, you must connect to tools designed specifically for proprietary databases (e.g., your SQL backend or Salesforce). If your goal is merely to track a single indicator over time and the tool exists in the catalog, this MCP works fine; otherwise, stick to specialized connectors.

The manual process of gathering global economic data used to take forever.

Today, if you need to compare how GDP per capita changed between Brazil and India over the last fifteen years, your workflow looks like a nightmare. You jump from the World Bank website to Google Sheets, copy-paste decade-by-decade data points into different tabs, cross-reference the dates, and finally spend hours formatting everything so it tells a coherent story.

With this MCP, you simply ask your agent for the comparison. It executes the necessary calls (like get_gdp) against the official World Bank database and returns clean, structured data right away. You don't copy, paste, or format anything; you just analyze.

Get comprehensive global metrics using get_economy_indicator.

The biggest time sink is realizing that the indicator you need doesn't have a simple search field. You have to dig through documentation, find the specific code (like 'EN.ATM.CC04.CD'), and then manually input it into a restricted API endpoint.

Now, your agent manages the complexity of these codes. By using get_economy_indicator, you bypass manual lookups entirely. The indicator data just appears when you ask for it.

World Bank Economy: 4 Tools

These tools let your AI client retrieve specific world economic data points like annual growth percentages or raw GDP values from the World Bank database.

#	TOOL	DESCRIPTION
01	`get_gdp`	Retrieves the country's Gross Domestic Product (GDP) value in current US dollars.
02	`get_gdp_growth`	Calculates and returns the annual percentage change rate for GDP.
03	`get_inflation`	Gets the consumer price inflation rate as an annual percentage.
04	`get_economy_indicator`	Retrieves any specific World Bank economic indicator by using its unique code.

See It in Action

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

U What is the GDP of Brazil compared to Argentina over the last 10 years?

🌍 **GDP Comparison: Brazil vs Argentina (2014–2024)**

Brazil's GDP stands at approximately $2.1 trillion, while Argentina's hovers around $640 billion. Over the past decade, Brazil has maintained roughly 3× the economic output of Argentina, though both experienced contractions during the pandemic period.

U What is the current inflation rate in Turkey?

🌍 **Inflation: Turkey**

Turkey has experienced extreme inflationary pressure, with consumer prices exceeding 50% annually in recent years — one of the highest rates among G20 economies.

U Show me the GDP per capita growth trend for South Korea since 1990.

🌍 **GDP Per Capita: South Korea (1990–2024)**

South Korea's GDP per capita has surged from ~$6,500 in 1990 to over $34,000 today — a remarkable 5× increase reflecting the nation's rapid industrialization and tech-driven economy.

Frequently Asked Questions

01 **How do I get started?**

Our World Bank Open Data servers require absolutely zero authentication. You do not need to register, get an API key, or setup webhooks. Just instantly connect and your AI agent can begin querying decades of global data.

02 **Can my AI compare the GDP of multiple countries?**

Yes. Your agent can ask for the GDP of Brazil, India, and China over the last 10 years and generate a comprehensive comparative analysis.

03 **What if I need an obscure financial indicator?**

The server includes an all-access tool where your agent can provide any standard World Bank economic indicator code (like FD.AST.PRVT.GD.ZS) to pull exactly the dataset you need.

04 **What is the scale of the data I can access?**

You have direct access to 64 years of historical data covering 196+ sovereign states and global regional aggregates, powered directly by the World Bank's robust open data initiatives.

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 `"world-bank-economy": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

World Bank Economy 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 →

vinkius.com · support@vinkius.com

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Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

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