MCP SERVER | NO CODE | CLOUD HOSTED

France Tax Calculator MCP

Calculate French take-home pay with precision.

France Income Tax Calculator determines your precise personal income tax liability using France's complex 'quotient familial' system. This MCP calculates total tax burdens, including social contributions (CSG/CRDS), and models how changes in dependents affect your net take-home pay. It provides specialized analysis of both average and marginal tax rates for accurate financial planning.

A+ Quality Score 100/100

france | income-tax | fiscal-parts | csg | crds | tax-calculator

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vinkius.com/mcp/france-income-tax-calculator

SCAN TO VIEW

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.

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.

France Income Tax Calculator MCP

3 tools available
Cloud-hosted on Vinkius

Need to figure out what your actual income tax will be under French law? This MCP handles the complex calculations required by the 'quotient familial' system, which adjusts taxable amounts based on household size and dependents. Instead of guessing or using outdated spreadsheets, you input your gross salary, and this tool calculates everything—total taxes, social contributions, and what's left over in your pocket. It doesn't just give you a number; it analyzes the full tax structure, helping you understand how things like adding a child changes your overall financial picture. When you access this through Vinkius, you connect once to get instant access to specialized calculations for French taxation.

Core Capabilities

01 — Calculate household fiscal parts

It determines the official number of fiscal parts assigned to a family based on the count of children.

02 — Analyze tax rate disparity

It compares your average tax rate against your marginal tax rate, showing you where the biggest financial jumps occur.

03 — Determine total net income

It calculates your complete tax burden and provides an estimate of your resulting take-home pay.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/france-income-tax-calculator** — connect your AI agent in three steps.

01 You provide the MCP with core data, like your gross taxable income and the number of dependents in your household.

02 The MCP first runs the calculation to determine the family's total fiscal parts using the relevant tools.

03 It then processes those figures through progressive tax brackets to give you a precise estimate of your net income.

The bottom line is, it replaces guesswork with an accurate, structured view of French payroll deductions.

Built For

Financial planners and HR specialists need this. If you're responsible for advising clients on life changes—marriage, having kids, changing jobs—you know tax law is a nightmare to keep up with manually. This MCP gives you the certainty needed to advise people correctly.

Financial Planner

Using this tool, they model various life changes for clients (e.g., buying a second home or having another child) to accurately predict resulting tax liabilities and net income.

HR Specialist

They use it to verify the correct deductions on new employee paychecks, especially when dealing with complex family structures or temporary benefits.

Tax Consultant

The consultant runs detailed scenarios through this MCP to prove to clients exactly how their tax burden changes based on different income levels and dependents.

What Changes When You Connect

01 Stop guessing about family changes. Use the `compute_fiscal_parts` tool to instantly see how adding or removing dependents shifts your household tax base.

02 Know exactly where you stand financially. Running a calculation through `calculate_tax_burden` gives you a clear picture of your total liability, including CSG/CRDS social contributions.

03 Understand the hidden costs in your salary. The `assess_marginal_pressure` tool reveals the gap between what you earn and what you actually pay in taxes.

04 Speed up client work. Instead of manual research on progressive brackets, use this MCP to run multiple scenarios quickly for tax planning reports.

05 Get accurate net income figures. This tool eliminates the need to cross-reference multiple government guidelines by providing a single, comprehensive estimate of your take-home pay.

Real-World Applications

Planning for a new baby

A financial planner needs to show a client that having another child will reduce their overall tax burden. They use the MCP, first running `compute_fiscal_parts` with the updated family size, and then using `calculate_tax_burden` to prove the exact net income increase.

Comparing salary options

A job seeker needs to know if a new role paying 60k EUR is better than one paying 55k EUR. They run both figures through `assess_marginal_pressure` and `calculate_tax_burden` to see which option results in higher actual take-home pay, not just higher gross salary.

Reviewing tax deductions

A client suspects they aren't claiming all available social contributions. They feed their current income into the MCP and use `calculate_tax_burden` to pinpoint specific deduction areas that need attention for maximum reimbursement.

Modeling a divorce settlement

A tax consultant must model how joint assets affect two separate incomes. They utilize `compute_fiscal_parts` to establish the baseline family parts before calculating the final, individualized tax burdens for both parties.

Patterns to Avoid

Using simple online calculators

✗ AVOID

These tools often only account for gross income and forget crucial social contributions like CSG/CRDS, giving you a dangerously inaccurate net pay figure.

✓ INSTEAD

Always run the calculation through this MCP. It uses `calculate_tax_burden` to ensure all necessary social contributions are accounted for alongside basic income tax.

Focusing only on gross salary

✗ AVOID

You see a high gross number, but don't know if that rate is sustainable across your entire annual earnings. You miss the nuances of progressive taxation.

✓ INSTEAD

Use `assess_marginal_pressure` to analyze whether your average tax rate matches your marginal rate. This reveals how much tax jumps up as you earn more.

Ignoring family structure

✗ AVOID

You calculate taxes for a single person when, in reality, the household has multiple dependents. Your entire liability estimate is wrong.

✓ INSTEAD

Start by using `compute_fiscal_parts` to correctly establish the fiscal parts based on your children and dependents before proceeding with any tax calculation.

The Right Fit

Use this MCP if your primary need is deep, structural analysis of French income taxation. Specifically, you must calculate total net pay while factoring in family size (dependents) and complex social contributions like CSG/CRDS. If you only need a quick rough estimate or are dealing with tax laws from another country, don't use this. Furthermore, if your goal is just to compare two simple salaries without considering dependents or the full progressive bracket structure, other basic salary comparison tools might suffice. However, because this MCP uses `compute_fiscal_parts` and `assess_marginal_pressure`, it provides a level of detail that makes it irreplaceable for professional financial modeling in France.

The Hidden Tax Trap: Why simple online calculators fail you today

Right now, most people use quick, basic web tools. They plug in a gross salary and get a number for their tax bill. But these methods are flawed because they often ignore the 'quotient familial' system entirely. Worse, they forget to factor in critical social contributions like CSG/CRDS, leaving you with an estimate that’s missing major deductions.

With this MCP, your agent handles the entire calculation stack. You get a precise net income figure by running `calculate_tax_burden`. It doesn't just give you a number; it shows the full picture of what gets taken out and why.

See Your Tax Structure with `assess_marginal_pressure`

Manually tracking how your average tax rate compares to your marginal rate is nearly impossible. You'd have to consult multiple guides just to understand if a salary increase hits you harder than expected.

This MCP uses `assess_marginal_pressure` to give you that clarity instantly. It tells you exactly where the biggest jumps are, so you never over- or under-estimate your true financial standing again.

France Income Tax Calculator: 3 Tools

Use these tools to model complex financial scenarios in France, from calculating household fiscal parts to determining your final net income.

#	TOOL	DESCRIPTION
01	`compute_fiscal_parts`	This function calculates the official number of fiscal parts for a household, factoring in the number of children present.
02	`assess_marginal_pressure`	It analyzes and compares your average tax rate to your marginal tax rate for deeper financial insight.
03	`calculate_tax_burden`	This tool calculates the total required tax payments, including social contributions, and estimates your final net income.

See It in Action

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

U How much tax will I pay if my gross taxable income is 50,000 EUR and I have 2 children?

With a gross income of 50,000 EUR and 2 children, your total tax liability is approximately 4,875.00 EUR, which includes both income tax and social contributions (CSG/CRDS). Your estimated net income would be 45,125.00 EUR.

U Calculate the number of fiscal parts for a household with 3 children.

A household with 3 children is entitled to 2.5 fiscal parts (1 base + 0.5 for the first child + 0.5 for the second child + 0.5 for the third child).

U What is my tax pressure if I earn 100,000 EUR with no children?

With an income of 100,000 EUR and no children, your average tax rate is approximately 20.45%, while your marginal tax rate is 41%. This results in a significant gap between the two rates.

Frequently Asked Questions

01 **Does France Income Tax Calculator handle social contributions?**

Yes, it does. The MCP includes calculations for social contributions like CSG/CRDS when determining total tax liability using `calculate_tax_burden`.

02 **How do I calculate fiscal parts with France Income Tax Calculator?**

You use the `compute_fiscal_parts` tool, providing the number of children and dependents to get the correct household part allocation for French tax law.

03 **Can this MCP compare my rates?**

Absolutely. The `assess_marginal_pressure` tool is designed specifically to analyze the difference between your average and marginal tax rates, offering a detailed financial comparison.

04 **What if I change my income mid-year?**

You can run multiple scenarios through this MCP. By adjusting the input data for `calculate_tax_burden`, you model how different earning periods impact your total tax burden.

05 **Is France Income Tax Calculator only for salaries?**

No, it works with gross taxable income generally. You provide the base figure that needs to be assessed against French progressive brackets and family status.

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 `"france-income-tax-calculator": { "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

France Income Tax Calculator 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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