MCP SERVER | NO CODE | CLOUD HOSTED

Spain IRPF Calculator MCP

Accurately calculate your full Spanish Personal Income Tax.

Spain IRPF Calculator determines your full Spanish Personal Income Tax (IRPF) liability. It handles complex tax law by calculating taxable bases, applying progressive state quotas, and factoring in regional community modifiers. This MCP helps you find the exact net tax due after accounting for personal deductions.

A+ Quality Score 100/100

spain | irpf | tax | calculator | finance

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vinkius.com/mcp/spain-irpf-calculator

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.

Spain IRPF Calculator MCP

5 tools available
Cloud-hosted on Vinkius

Figuring out your final IRPF is complicated because Spanish tax law layers multiple rules on top of each other, from general income to savings income, and then adds regional variations. Your agent uses this MCP to perform a full calculation that accounts for every layer. It first determines the precise taxable amounts for both General and Savings pools after all deductions are accounted for. Next, it computes the portion owed specifically to the Spanish State using progressive national brackets. The process continues by applying any additional tax liability from your specific Autonomous Community and then adjusting for personal reliefs related to age or dependents. Finally, it consolidates everything—the state quota, regional adjustments, and personal reductions—to give you one accurate net tax number. Vinkius hosts this specialized calculation engine, letting your AI client access a full workflow that makes complex tax compliance simple.

Core Capabilities

01 — Determine Taxable Income Bases

Calculates the exact amounts remaining for General and Savings income pools after applying statutory deductions.

02 — Calculate State Tax Quota

Determines the specific portion of tax owed directly to the Spanish central government.

03 — Apply Regional Tax Adjustments

Computes any additional tax liability imposed by a user's specific Autonomous Community.

04 — Calculate Personal Deductions

Finds the total amount of tax relief based on personal circumstances, such as age or dependents.

05 — Finalize Total Tax Liability

Consolidates all preceding calculations to deliver a single gross and net tax figure.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/spain-irpf-calculator** — connect your AI agent in three steps.

01 You input the core financial data, including general income, savings income, and any initial deductions.

02 The MCP runs several sequential tools: first establishing the taxable bases, then calculating the state quota and regional adjustments, all while factoring in personal reductions.

03 Your agent receives a final determination, providing both the total gross tax liability and the net amount due.

The bottom line is that this MCP handles the entire multi-step workflow of Spanish IRPF calculation, giving you a single, accurate answer instead of several disconnected numbers.

Built For

This connector solves problems for compliance teams and specialized accountants dealing with Spanish tax law. If your job involves reconciling personal finances against complex regional regulations, this is the tool you need.

Tax Accountant

Uses the MCP to validate tax return calculations for clients across different Autonomous Communities, ensuring all state and regional modifiers are correctly applied.

Financial Analyst

Calculates hypothetical net tax liabilities based on changing income scenarios, allowing them to advise clients accurately on financial planning changes.

Compliance Officer

Processes payroll or retirement calculations that require determining the final gross and net IRPF liability for employee records.

What Changes When You Connect

01 Get the precise net tax liability. Instead of just getting a gross amount, using `get_final_tax_determination` consolidates state quota, regional taxes, and reductions into one final number.

02 Handle income variations accurately. The tool uses `calculate_taxable_bases` to separate General and Savings incomes before applying deductions, which is key for Spanish law compliance.

03 Account for regional differences. Never forget the local tax modifiers; `compute_regional_tax` ensures that your specific Autonomous Community's additions are included in the final figure.

04 Factor in personal relief easily. Use `calculate_personal_reductions` to automatically account for age or dependents, ensuring you claim every eligible deduction.

Real-World Applications

Determining tax due after a salary change

A client changes jobs and asks their agent what their new net pay will be. The agent uses `calculate_taxable_bases` first, then runs through the full chain of state/regional calculations, finally using `get_final_tax_determination` to provide the exact final withholding amount.

Comparing tax burdens across regions

An analyst wants to compare filing taxes in two different Autonomous Communities. They run the core calculation twice, specifically calling `compute_regional_tax` for each location, allowing them to quantify the exact difference imposed by regional law.

Tax planning with deductions

A user asks their agent to see how much tax they save if they have extra dependents. The agent executes `calculate_personal_reductions` against the existing tax profile, showing the immediate reduction in net liability.

Verifying a full IRPF filing

A professional needs to validate a completed tax return. They feed all known income and deductions into `calculate_taxable_bases`, then combine this with state (`compute_state_quota`) and regional figures to verify the final net figure using `get_final_tax_determination`.

Patterns to Avoid

Treating tax law like simple arithmetic

✗ AVOID

A user tries to manually calculate total tax by just adding up general income and regional modifiers, ignoring deductions or the state quota structure.

✓ INSTEAD

You must use a multi-step process. Start with `calculate_taxable_bases` to clean up your income figures. Then, combine that result with `compute_state_quota`, followed by `compute_regional_tax`, and finish using `get_final_tax_determination`.

Forgetting personal reliefs

✗ AVOID

A user calculates the tax based only on income but forgets to account for their spouse or children, resulting in overpayment.

✓ INSTEAD

Always run `calculate_personal_reductions` before finding your final net liability. This ensures that deductions related to family size are factored in correctly.

The Right Fit

Use this MCP if you need a precise calculation of Spanish Personal Income Tax (IRPF), requiring multiple sequential steps like calculating taxable bases, state quotas, and regional modifiers. You

must be dealing with the specific tax laws of Spain.

Don't use this if: 1) You are filing taxes for another country (e.g., US, UK). Those systems have different rules entirely. 2) You just need a simple profit/loss calculation without considering tax brackets or deductions—use basic spreadsheet tools instead. This tool is specifically designed to handle the full complexity of Spanish compliance.

The Headache of Multi-Jurisdictional Tax Calculations

Tax planning in Spain isn't a single calculation; it's a complicated stack. You start with your gross income, then deduct everything you can, and then the tax owed gets adjusted based on whether you live in Madrid or Catalonia. Doing this manually means juggling multiple spreadsheets, constantly cross-referencing regional rules, and risking an error that costs thousands.

With this MCP, your agent manages the entire process behind the scenes. You just provide the raw data; the system handles running `calculate_taxable_bases` to clean up income first. The result you get is a single, consolidated net tax figure that respects every level of Spanish law.

Get Your Final Tax Determination with the IRPF Calculator MCP

Manual processes force you to calculate state quota, regional taxes, and personal deductions separately. You end up with five different numbers that nobody can easily combine into a single 'What do I actually owe?' answer.

This MCP combines all those pieces. By running the sequence through `get_final_tax_determination`, you move from managing disparate tax components to receiving one definitive, actionable net liability number.

Spain IRPF Calculator with 5 Tools

Use these specialized tools to execute the full sequence of Spanish Personal Income Tax calculations, from determining taxable bases to finding your final net liability.

#	TOOL	DESCRIPTION
01	`calculate_personal_reductions`	Calculates the total tax relief available based on personal circumstances like age or family size.
02	`compute_state_quota`	Figures out the specific portion of the tax that must be paid directly to the Spanish State government.
03	`calculate_taxable_bases`	Determines the remaining amounts for both General and Savings income pools after all deductions are taken out.
04	`compute_regional_tax`	Calculates any additional tax amount that must be paid to a specific regional Autonomous Community.
05	`get_final_tax_determination`	Puts all the previous calculations together to deliver the total gross and net tax liability figure.

See It in Action

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

U Calculate the taxable bases for a gross general income of 30,000 and savings income of 5,000, with 2,000 in general deductions and 500 in savings deductions.

The taxable general base is 28,000 and the taxable savings base is 4,500.

U What is the state tax liability for a taxable general base of 25,000?

The calculated state tax liability for a taxable general base of 25,000 is 4,250.

U Calculate the final tax determination if state liability is 4,000, regional liability is 500, total reductions are 1,200, and taxable general base is 25,000.

The gross tax liability is 4,500 and the net tax liability is 3,300.

Frequently Asked Questions

01 **How does the Spain IRPF Calculator handle state vs. regional taxes?**

It handles this by first computing the base quota owed to the Spanish State using `compute_state_quota`, and then running `compute_regional_tax` separately. The MCP combines these two figures later in the final determination.

02 **Can I calculate tax if my income comes from savings?**

Yes, the system is designed for this. You must use `calculate_taxable_bases` to separate and determine the taxable amounts for both General and Savings pools before any other calculation runs.

03 **What is required to get a net tax liability?**

You need more than just income. You must run `calculate_personal_reductions` to account for dependents, age, or disability, which are crucial factors in determining the final amount owed.

04 **What if I only know my gross income? Can I use the Spain IRPF Calculator?**

No. The calculator needs more than just gross income; it requires you to provide deduction amounts so that `calculate_taxable_bases` can accurately determine your actual taxable income.

05 **Does this MCP handle tax for non-residents of Spain?**

The tool is built around the complex framework of Spanish law, which includes regional modifiers. Always confirm if your specific residency status affects the calculation method you use with `compute_regional_tax`.

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 `"spain-irpf-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

Spain IRPF 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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