

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

Family Member Count MCP for household data.

Get instant insights into resident counts and demographics.

Family Member Count MCP gives your AI client the ability to parse and analyze household information. It handles everything from counting total residents to checking if a household meets specific registration requirements. You can use it to pull specific lists of family members, identify roles, or filter residents by age groups like minors and seniors.

A+ Quality Score 100/100

household

demographics

family

data

counting



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.

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.

Family Member Count MCP

4 tools available

Cloud-hosted on Vinkius

You can use this MCP to turn raw household data into actionable demographic insights. Instead of manually counting residents or checking eligibility, you let your AI agent do the heavy lifting. It can quickly pull the total number of people in a home or break down the specific roles each person plays. If you need to segment data, the MCP helps you isolate specific groups, such as identifying all seniors or minors within a household. It also acts as a validation layer, letting your agent check if a household's data is complete enough for official registration processes. This is built for anyone managing large datasets of residential information who needs a fast way to query composition and compliance without manual spreadsheet work.

Core Capabilities

01 — Resident Counting

Your agent uses this to get the exact number of people in a household.

02 — Role Identification

The AI uses this to determine the specific roles of each household member.

03 — Demographic Filtering

Your agent can isolate specific age groups like minors or seniors.

04 — Data Validation

The AI checks if household information is sufficient for registration needs.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/family-member-count — connect your AI agent in three steps.

- 01
- Connect your preferred MCP-compatible client to Vinkius.
- 02
- The agent detects the available household tools.
- 03
- You ask your agent a question about a household.
- 04
- The agent invokes the specific tool needed to find the answer.
- 05
- The agent delivers the data or validation result to you.

Connecting this MCP to your AI client gives your agent immediate access to household data tools.

Built For

This MCP is designed for professionals managing residential or demographic datasets.

Data Analysts

They hand off demographic segmentation and counting tasks to the agent.

Registrars

They use the agent to verify if household data is complete for official records.

Social Workers

They use the tool to quickly identify age groups and household compositions.

What Changes When You Connect

- 01
- Eliminates manual counting of household residents.
- 02
- Automates the verification of registration requirements.
- 03
- Speeds up demographic segmentation by age group.

04 Provides direct access to household roles and composition.

Real-World Applications

Registration Audits

Check if a household has all the necessary roles to be considered complete for official filing.

Demographic Reporting

Quickly pull counts of seniors or minors for community planning.

Household Profiling

Get a full breakdown of who lives in a home and what their roles are.

Population Totals

Instantly retrieve the total number of residents for specific household IDs.

Patterns to Avoid

Manual Data Aggregation

❌ AVOID

You try to manually count every resident in a spreadsheet to find the total population. This takes forever and leads to errors.

✓ INSTEAD

Let your agent handle the math by using ``get_household_size`` to get an instant count.

Broad Demographic Guessing

❌ AVOID

You assume a household has enough seniors for a specific program without checking the actual data.

✓ INSTEAD

Use ``filter_members_by_age_group`` to pull the exact number of seniors or minors in a home.

Skipping Registration Checks

❌ AVOID

You submit a household record for official filing without knowing if any required roles are missing.

✓ INSTEAD

Run ``validate_household_completeness`` first to ensure the data meets all registration requirements.

The Right Fit

Connect this MCP if you manage large residential datasets and need to automate demographic segmentation or registration audits. Do not connect it if you only work with single-person records or small, non-demographic datasets. The decision rests on whether you need to verify household composition at scale.



Family Member Count MCP Tools

These tools let your agent query household sizes, identify specific roles, and filter residents by age group.

#	TOOL	DESCRIPTION
01	get_household_composition	This tool identifies every member in a household and their specific roles.
02	filter_members_by_age_group	Use this to isolate specific demographics, such as children or seniors, within a home.
03	get_household_size	This tool returns the total number of residents living in a specific household.
04	validate_household_completeness	This tool checks if the current household data meets the requirements for official registration.

See It in Action

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

U How many people live in household ID 12345?



There are 4 people living in household 12345.

U Who are the members of household 98765?



The members of household 98765 are John (Parent), Jane (Parent), and Alex (Child).

U Is household 55555 complete for registration if it needs a Parent?



Yes, household 55555 is complete as it contains the required Parent role.

Frequently Asked Questions

01 What can this MCP do with household data?

It allows your agent to count residents, list member roles, filter by age, and validate registration completeness.

02 Which AI clients can use this MCP?

You can use this with any MCP-compatible client like Claude, Cursor, Windsurf, or VS Code.

03 Can I filter residents by age?

Yes, the `filter_members_by_age_group` tool lets your agent isolate specific groups like minors or seniors.

04 How does it help with registration?

The `validate_household_completeness` tool checks if the data provided is sufficient for official registration requirements.

05 Do I need to host this myself?

No, Vinkius hosts and manages the MCP for you, so it is ready to use once you connect your client.

06 How do I check the total number of people in a household?

You can use the ``get_household_size`` tool by providing the specific household identifier.

07 Can I see the roles of each family member?

Yes, the ``get_household_composition`` tool returns a list of all unique members and their assigned roles.

08 How can I count only the adults in a household?

Use the ``filter_members_by_age_group`` tool and specify 'adult' as the target age group.

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>"family-member-count": { "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

Family Member Count 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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