MCP SERVER | NO CODE | CLOUD HOSTED

NYC Food & Sanitation Inspections MCP

Get real-time NYC health and sanitation data through your agent.

NYC Food & Sanitation Inspections MCP provides direct access to Department of Health and DSNY datasets. Your AI client can pull restaurant grades by CA#, search for rodent infestation reports, check school cafeteria violation codes, and locate city compost drop-off sites. It works without needing an API key, making it ready to use in Claude, Cursor, or Windsurf immediately.

A+ Quality Score 98.33/100

new-york | nyc | restaurants | food-safety | inspections | rodents

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · SEPTEMBER 2026
vinkius.com/en/ai-agent-connect/nyc-food-sanitation-inspections

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.

NYC Food & Sanitation Inspections MCP

5 tools available
Cloud-hosted on Vinkius

You can pull live sanitation and food safety data from New York City directly into your AI workflow. Instead of digging through government portals, you just ask your agent to find specific inspection results or grades. You can look up a restaurant's current health grade using its CA# or search for recent inspections by business name, borough, or date. If you need to track pest control issues, the MCP provides DSNY rodent inspection results and abatement records. You can also audit school cafeteria safety by searching for specific violation codes and descriptions. For those managing organic waste, it identifies local food scrap drop-off locations including their operating hours and months. This MCP turns messy public datasets into actionable information for your agent.

Core Capabilities

01 — Restaurant Grade Lookup

Your agent pulls the latest health scores and grades for specific NYC eateries.

02 — Sanitation Auditing

The AI checks school cafeteria violation codes and descriptions.

03 — Pest Activity Tracking

Your agent searches DSNY records for rodent inspections and abatements.

04 — Compost Site Mapping

The AI identifies food scrap drop-off locations and their schedules.

05 — Borough-wide Searches

Your agent filters inspection data by specific NYC boroughs or zip codes.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/en/ai-agent-connect/nyc-food-sanitation-inspections** — connect your AI agent in three steps.

01 Connect your preferred MCP-compatible client to Vinkius.

02 Select the NYC Food & Sanitation Inspections MCP.

03 Ask your agent a question about restaurant grades, rodent reports, or compost sites.

04 The agent executes the specific tool to pull data from NYC Open Data.

05 Receive the formatted inspection or location data directly in your chat.

Connecting to this MCP gives your AI client immediate access to NYC sanitation data.

Built For

This MCP is built for professionals who need to verify food safety and sanitation compliance in New York City.

Food Safety Researchers

They use the agent to aggregate public health data for large-scale analysis.

Restaurant Consultants

They perform due diligence on establishments using CA# and inspection history.

Public Health Analysts

They compare sanitation trends across different NYC jurisdictions.

What Changes When You Connect

01 Eliminates the need to manage individual API keys for NYC Open Data.

02	Provides direct access to DSNY and Department of Health datasets.
03	Allows for granular searches using CA# or business names.
04	Turns raw inspection codes into readable violation descriptions.

Real-World Applications

Restaurant Due Diligence

Check the current grade and recent inspection history of a potential business partner.

Neighborhood Safety Analysis

Identify areas with high rodent activity by querying DSNY inspection records.

School Compliance Checks

Review cafeteria inspection findings to ensure food safety standards are met.

Waste Management Planning

Locate the nearest compost drop-off sites and check their operating hours.

Patterns to Avoid

Vague business searches

AVOID

Asking your agent to find all dirty restaurants in Manhattan.

✓ INSTEAD

Be specific about the business name or borough. Use search_restaurant_inspections to get actual grades and inspection dates.

Manual portal navigation

AVOID

Opening five different NYC Open Data tabs to cross-reference a restaurant's CA# with its latest violation.

✓ INSTEAD

Let your agent do the heavy lifting. Use get_restaurant_grade to pull the most recent inspection details instantly.

Broad sanitation queries

AVOID

Asking for general pest problems in a specific zip code.

✓ INSTEAD

Target specific infestation records. Use search_rodent_inspections to pull DSNY abatement data for a street or borough.

The Right Fit

Connect this MCP if your work requires real-time NYC health or sanitation data. Do not connect it if you only need general national food safety trends. The decision rests on whether you need to query specific NYC borough records or CA# identifiers directly through your agent.

NYC Food and Sanitation Inspection Tools

These tools provide direct access to NYC Department of Health and DSNY datasets. You can query restaurant grades, school cafeteria records, and rodent inspection reports.

#	TOOL	DESCRIPTION
01	`get_restaurant_grade`	This tool retrieves the most recent inspection details for a specific restaurant using its CA#.
02	`list_food_scrap_dropoffs`	Use this to find NYC composting locations by filtering for a specific borough or council district.
03	`search_cafeteria_inspections`	This tool searches school cafeteria health records for specific violation codes and descriptions.
04	`search_restaurant_inspections`	Search through NYC restaurant health inspections and grades using business names, boroughs, or date ranges.
05	`search_rodent_inspections`	This tool pulls DSNY rodent infestation and abatement records based on borough, zip code, or street address.

See It in Action

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

U What grade does this restaurant (CA# 50155931) have?

get_restaurant_grade("50155931") returns the most recent inspection: name, address, current grade, score, type and date.

U Which Queens neighborhoods have the most rodent problems?

search_rodent_inspections with borough "Queens" and result "Rodent Activity" over a date window shows the affected properties.

U Where can I drop off food scraps in Manhattan?

list_food_scrap_dropoffs with borough "Manhattan" returns the compost drop-off sites with open months, operating days and hours.

Frequently Asked Questions

01 **Do I need an API key to use this?**

No. Vinkius hosts the connection, so you can use these tools without managing your own API keys.

02 **Which AI clients can I use with this MCP?**

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

03 **Can I search for a restaurant by name?**

Yes. You can search for inspections using the business name, borough, or specific CA#.

04 **How recent is the inspection data?**

The data is pulled from the Department of Health and DSNY datasets provided by NYC Open Data.

05 **Can I find compost locations in my specific borough?**

Yes. The list_food_scrap_dropoffs tool allows you to filter locations by borough or council district.

06 **Do I need an API key?**

No. NYC Open Data serves all public datasets anonymously over its SODA API (data.cityofnewyork.us). This MCP defines no credentials and needs nothing configured.

07 **What does the CA# mean?**

The CA# (health certificate number) is the unique id of a restaurant establishment. Each inspection row belongs to one CA#, so you can follow a restaurant's full inspection history and its current grade.

08 **What do the grades mean?**

Grade A means the restaurant meets most requirements; B is a fair score with violations to correct; C signals serious violations; Z is assigned when an inspection cannot be scored yet (e.g. a new establishment).

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 `"nyc-food-sanitation-inspections": { "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

NYC Food & Sanitation Inspections 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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DOCUMENT INFORMATION

Generated	September 2026
MCP Server	NYC Food & Sanitation Inspections MCP
Server ID	`01a0dfce-00b5-709d-a09d-f083b6fd67bc`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

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