

PUBLIC SUBMISSION

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Notice of Request for Reinstatement of a Previously Approved Information Collection: Overtime and Holiday Inspection Fees for Small and Very Small Establishments

Comment On: FSIS-2025-0145-0001

Agency Information Collection Activities; Proposals, Submissions, and Approvals: Overtime and Holiday Inspection Fees for Small and Very Small Establishments

Document: FSIS-2025-0145-0007

Comment from Joshi, Satyadhar

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General Comment

To: Food Safety and Inspection Service (FSIS)

Docket: FSIS-2025-0145

Agency Information Collection Activities; Proposals, Submissions, and Approvals:
Overtime and Holiday Inspection Fees for Small and Very Small Establishments

From: Satyadhar Joshi

Date: January 21, 2025

Subject: Formal Submission of Research Paper for Docket FSIS-2025-0145

Dear FSIS Reviewers,

I am submitting the attached research paper titled "Transformative Integration of Agentic Generative AI in Food Safety Systems: Policy Framework, Implementation Guidelines, and Economic Impact Analysis" in response to Docket FSIS-2025-0145 regarding overtime and holiday inspection fees for small and very small establishments.

This comprehensive research paper provides detailed analysis and recommendations on how advanced artificial intelligence technologies, particularly agentic and generative AI systems, can address the fundamental challenges highlighted in your notice. The paper demonstrates how AI-driven solutions can transform inspection paradigms, reduce costs, and enhance food safety while addressing the structural issues underlying overtime inspection fee challenges.

Key contributions of this submission include:

- Technical Analysis:** Detailed examination of AI applications in food safety inspection systems
- Economic Impact Assessment:** Cost-benefit analysis comparing traditional vs. AI-enhanced inspection models
- Policy Recommendations:** Structured framework for government implementation of AI technologies
- Specific Solutions:** Direct responses to the challenges identified in FSIS-2025-0145

The attached paper presents evidence-based recommendations that can help:

- Reduce inspection costs by 75-80%

- Enable 24/7 continuous monitoring without physical inspector presence
- Automate compliance documentation and reporting
- Create more equitable systems for small and very small establishments

This submission represents independent research and is intended to contribute to the public discourse on modernizing food safety inspection systems. The views expressed are my own and do not represent any affiliated institutions.

Thank you for considering this research submission. I believe these AI-driven approaches offer sustainable, long-term solutions to the challenges identified in your notice.

Respectfully submitted,

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Attachment: "Transformative Integration of Agentic Generative AI in Food Safety Systems: Policy Framework, Implementation Guidelines, and Economic Impact Analysis" (PDF)

Attachments

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