

Public Comments Received During the 60-day Comment Period

February 2026

National Assessment of Educational Progress (NAEP) 2027

Docket No.: ED-2025-SCC-1141

Comments on FR Doc # 2025-23282

NCES and the staff of The National Assessment of Educational Progress want to thank all public commenters for your feedback responding to a request for comments on NAEP 2027 Clearance Package published in the Federal Register. The National Center for Education Statistics (NCES) appreciates your interest in our work. The Paperwork Reduction Act (PRA) provides an opportunity for an open and public comment period where comments on collections can be made. We are grateful for this process and your comment and hope that you will continue to follow our work.

Comment: ED-2025-SCC-1141-0001

Name: Satyadhar Joshi

February 17, 2026

National Center for Education Statistics (NCES)
U.S. Department of Education
400 Maryland Ave. SW, LBJ, Room 5C125
Washington, DC 20202-1200

Submitted via Regulations.gov
Docket ID: ED-2025-SCC-1141

RE: Comment on Agency Information Collection Activities; Comment Request; National Assessment of Educational Progress (NAEP) 2027

To the National Center for Education Statistics:

I respectfully submit this comment in response to the Federal Register notice regarding the proposed information collection for the National Assessment of Educational Progress (NAEP) 2027 Grade 8 Science Pilot.

About the Commenter

I am an independent researcher with expertise in artificial intelligence, educational technology, and federal information systems. My background includes an International MBA from Bar-Ilan University, Israel, and an MSIT from Touro College, NY, USA. My research focuses on agentic AI frameworks, governance structures, and the modernization of federal infrastructure through responsible AI deployment. My ORCID is 0009-0002-6011-5080.

Summary of Comment

This comment addresses the five Paperwork Reduction Act criteria and proposes a comprehensive framework for modernizing NAEP infrastructure through agentic generative artificial intelligence.

1. **Necessity:** NAEP remains essential as the Nation's Report Card, providing critical data on student achievement that informs federal, state, and local education policy. The Grade 8 Science Pilot is necessary to maintain NAEP's relevance and technical quality.
2. **Timely Processing:** With strategic AI integration, processing efficiency could improve while maintaining data quality. Agentic AI systems could automate quality checks, flag anomalies in real-time, and accelerate preliminary analyses.
3. **Burden Accuracy:** The estimated 10,625 annual burden hours across 17,830 responses is reasonable. However, research demonstrates agentic AI can reduce administrative workload by 30-40% through intelligent school recruitment, automated technical assessment, personalized communications, schedule optimization, and pre-populated survey items.
4. **Quality Enhancement:** Agentic generative AI offers transformative potential including adaptive assessment moving beyond fixed forms toward real-time item selection, rich contextual data about student learning processes, longitudinal analysis across assessment cycles, real-time quality assurance monitoring, and automated scoring support.
5. **Technology Integration:** A five-layer architecture comprising Infrastructure, Technical, Orchestration, Governance, and Strategic layers enables responsible deployment. A four-component governance framework ensures oversight, risk management, validation, and transparency aligned with federal requirements including FERPA and the Paperwork Reduction Act.

The proposed framework directly implements the White House Executive Order on Advancing Artificial Intelligence Education for American Youth (April 2025) and aligns with U.S. Department of Education guidance.

A phased implementation roadmap guides deployment from administrative functions (2027 pilot) through survey administration (2028-2029) to cognitive assessment capabilities (2030+), enabling gradual validation while protecting NAEP's core mission of maintaining trend data integrity.

Attached Document

My detailed comment paper, "Agentic AI for National Educational Assessment: Strengthening U.S. Competitiveness and Workforce Readiness Through NAEP Modernization," provides comprehensive analysis, architectural diagrams, and policy recommendations.

This paper was developed with the assistance of AI language models to enhance clarity and organization. All content was reviewed, edited, and verified by the human author, who assumes limited responsibility for the final work. Sincerely,

Satyadhar Joshi

Independent Researcher

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Alumnus, Touro College MSIT, NY, USA ORCID:

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Attachments

Dear Satyadhar Joshi,

The National Center for Education Statistics (NCES) thanks you for your review of the NAEP 2027 Clearance Package and for your continued support of the important data that NAEP provides to the public.

NCES appreciates your comments regarding the continued necessity of NAEP, as well as your observations on the potential use of agentic artificial intelligence to improve processing efficiency, reduce administrative burden, enhance data quality, and support responsible technology integration in assessment operations.

NAEP has incorporated automated processes into many of its operations, and NCES will continue to thoughtfully integrate emerging AI technologies where appropriate. Ongoing considerations of artificial intelligence will be discussed in various venues. Innovations will focus on modernizing NAEP while maintaining its gold standard reputation of producing valid and reliable data on the achievement of the nation's students over time, in compliance with federal data privacy protections.

Thank you for taking the time to provide feedback and for your continued interest in NAEP.

Sincerely,
Matthew Soldner, Ph.D.
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Acting Commissioner, National Center for Education Statistics
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