MEMORANDUM

To: Bev M. Pratt, OMB

From: Pat Etienne, NCES

Through: Carrie Clarady, NCES

Re: National Assessment of Educational Progress (NAEP) 2024 Final Screens Change Request (OMB# 1850-0928 v.33)

The National Assessment of Educational Progress (NAEP), conducted by the National Center for Education Statistics (NCES), is a federally authorized survey of student achievement at grades 4, 8, and 12 in various subject areas, such as mathematics, reading, writing, science, U.S. history, and civics. The National Assessment of Educational Progress Authorization Act (Public Law 107-279 Title III, section 303) requires the assessment to collect data on specified student groups and characteristics, including information organized by race/ethnicity, gender, socio-economic status, disability, and limited English proficiency. It requires fair and accurate presentation of achievement data and permits the collection of background, noncognitive, or descriptive information that is related to academic achievement and aids in fair reporting of results. The intent of the law is to provide representative sample data on student achievement for the nation, the states, and subpopulations of students and to monitor progress over time. The nature of NAEP is that burden alternates from a relatively low burden in national-level administration years to a substantial burden increase in state-level administration years when the sample has to allow for estimates for individual states and some of the large urban districts.

Amendment #3 to the NAEP 2024 clearance package received OMB approval in October 2023 (OMB#1850-0928 v.31[1]). While Amendment #3 was posted on the Federal Register, NCES made the decision to make very minor word changes in the Technical Fact Sheets and several sections of screens in the Assessment Management System (see Summary of All Changes table below).

The following table and pages below provide a summary of the changes that were made to just the 2 documents (Appendices D and I) included in this submission, as no other revisions were needed for the documents submitted in the 2024 NAEP Amendment #3 Package. There were no changes to burden or costs to the federal government for these changes.

Summary of All Changes

Document	Changes
Appendix D	• Appendices D-50 – Technical Fact Sheets
Appendix I	• Appendices I3 (English only), I8 (English only), I10 (English only), I12, I13, I16-d (English only), 116-e, I17-b (Spanish only), I17-d (Spanish only), I17-e

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[1] The most recently approved package for NAEP 2024 was OMB# 1850-0928 v.31; this change request is OMB# 1850-0928 v.33. OMB# 1850-0928 v.32 is the first package for NAEP 2025, and is currently in a 60-day public comment period.

Appendix D Changes

All changes are to Appendix D-50 (p. 273):

English:

Bandwidth

NAEP assessments require a stable, uninterrupted wireless internet connection of **5 Mbps download speed** and **2 Mbps upload speed** for up to **28 devices** in each of the **designated testing location(s)**.

The following table identifies bandwidth needs at the individual device level and at the assessment session level supporting up to 28 devices.

Bandwidth Requirements	Download Bandwidth Speed	Upload Bandwidth Speed
For **one NAEP** ~~Provided~~**-provided device**	178 Kbps	71 Kbps
For ~~a~~ one testing session of **28 NAEP-**~~provided~~ **provided devices**	5 Mbps	2 Mbps

Firewall Safelisting

Safelisting (also known as whitelisting or allowlisting) of NAEP URLs is an important activity that must be completed before the assessment day. This activity ensures that the school's Wi-Fi will accept NAEP URLs and will not affect students taking the assessments. If your school or district uses a firewall that allows access to specific URLs and blocks other URLs, you will need to add NAEP URLs for safelisting. Follow your district's and/or school's instructions on how to safelist the required URLs. The following list of URLs **must be** safelisted before the assessment day for conducting the assessment and posting the assessment data:

URLs/URIs **REQUIRED** To Be Safelisted Before the Assessment Day	
Purpose and Description	URL/URI
Safelist URLs by domains (Wildcard DNS)	*.naepnpd.org
Safelist by URI	https://api.enaep.prod24.naepnpd.~~org~~ org https://enaep.prod24.naepnpd.~~org~~ org
URLs to confirm safelisting is completed	https://api.enaep.prod24.naepnpd.org/ping https://enaep.prod24.naepnpd.org

Network Connectivity Type

There are several different network connectivity types most commonly used to connect to the internet. NAEP representatives are required to know which network connectivity type will be used in the designated assessment location on the assessment day and instructions on how to connect to the internet for both Windows and Chromebook devices. The following table lists different network connectivity types, along with a description and implications for NAEP. On-site technology coordinators are expected to provide related details **during the assessment planning meeting in January** to ensure a successful connection to the internet on the assessment day.

Network Connectivity Type	Description	Implications for NAEP
Dedicated Network	This network is set up by the school specifically for NAEP. The school will provide a single Wi-Fi login credential that can be used to connect all 28 external NAEP-provided devices on the assessment day. **This is the preferred network for NAEP to use.**	District Technology Coordinator must ensure that the dedicated network is setup before the assessment day. On-site technology coordinator must provide network name and login credentials to the NAEP representatives before the assessment day.
District-level Network	This network connection line is managed and configured at the district level and is available across all schools.	On-site technology coordinator must provide network name and login credentials to the NAEP representatives before the assessment day.
School-level Network	This network connection line is managed and configured by the school.	On-site technology coordinator must provide network name and login credentials to the NAEP representatives before the assessment day.
Guest Network	This network has a separate access point that provides access to the internet but not to the school network. This network may or may not require a password.	On-site technology coordinator must provide network name and login credentials to the NAEP representatives before the assessment day.
Open Network	This network requires no password.	On-site technology coordinator must provide network name to the NAEP representatives before the assessment day.
~~Restricted Network~~ Authentication via the Captive Portal	A captive portal is a web page accessed with a web browser that is displayed to newly connected users of a Wi-Fi connection before they are granted broader access to network resources.	On-site technology coordinator must provide network name and detailed instructions on how to connect to Wi-Fi via captive portal along with the credentials to the NAEP representatives before the assessment day.
Non-default ~~Security~~ Extensible Authentication Protocol (EAP)	This network has secure authentication protocols that enable users to sign into the school's network securely.	On-site technology coordinator must provide network name and login credentials to the NAEP representatives before the assessment day. Along with the credentials, details on the preferred protocol for connecting to the school's Wi-Fi must also be provided in advance. The following are some examples: • LEAP • PEAP • EAP-TLS

Network Connectivity Type	Description	Implications for NAEP
		• EAP-TTLS
Hidden Network	This network has passive security measurements. The router does not broadcast SSID (service set identifier); thus, the network name ~~can't~~ can't be discovered in the available network list via the network tray.	On-site technology coordinator must provide network name and login credentials to the NAEP representatives before the assessment day. Along with credentials, detailed instructions on how to identify and configure the hidden network connection must be provided. These instructions will include details on the following settings: • SSID - network name • The type of encryption used by the network (WEP, ~~WPA~~WPA-PSK, or WPA2-PSK)WPA2-PSK)
~~Device~~ Concurrent Connection Limitation per Single ~~Wi-Fi~~ User Profile	This network has a strict security policy allowing only a certain number of devices to be connected concurrently per one network user profile.	On-site technology coordinator must provide network name and login credentials and the number of devices that can be connected simultaneously to the NAEP representatives before the assessment day.

Spanish:

Tipo de conexión a la red	Descripción	Implicaciones para NAEP
Red dedicada	Esta red es configurada específicamente por la escuela para NAEP. La escuela proporcionará una credencial de acceso única para el WiFi que se puede usar para conectar todos los 28 dispositivos externos proporcionados por NAEP el día de la evaluación. **Esta es la red que NAEP prefiere usar.**	El(la) coordinador(a) de tecnología(a) distrital debe asegurarse de que la red dedicada esté configurada antes del día de la evaluación. El(la) coordinador(a) de tecnología interno(a) debe proporcionarles a los representantes de NAEP el nombre de la red y las credenciales de acceso antes del día de la evaluación.
Red a nivel distrital	Esta línea de conexión a la red se gestiona y se configura a nivel distrital y está disponible en todas las escuelas.	El(la) coordinador(a) de tecnología interno(a) debe proporcionarles a los representantes de NAEP el nombre de la red y las credenciales de acceso antes del día de la evaluación.
Red a nivel escolar	La escuela gestiona y configura esta línea de conexión a la red.	El(la) coordinador(a) de tecnología interno(a) debe proporcionarles a los representantes de NAEP el nombre de la red

Tipo de conexión a la red	Descripción	Implicaciones para NAEP
		y las credenciales de acceso antes del día de la evaluación.
Red para invitados	Esta red tiene un punto de acceso aparte que permite conectarse al Internet, pero no a la red de la escuela. Puede que esta red requiera, o no, una contraseña.	El(la) coordinador(a) de tecnología interno(a) debe proporcionarles a los representantes de NAEP el nombre de la red y las credenciales de acceso antes del día de la evaluación.
Red abierta	Esta red no requiere una contraseña.	El(la) coordinador(a) de tecnología interno(a) debe proporcionarles a los representantes de NAEP el nombre de la red antes del día de la evaluación.
Autenticación por ~~p~~Portal cautivo ~~para una red restringida~~	Un portal cautivo es una página electrónica a la cual se accede mediante un navegador de Internet, y que aparece para los usuarios que se conectan por primera vez a una red WiFi antes de otorgarles mayor acceso a los recursos de la red.	El(la) coordinador(a) de tecnología interno(a) debe proporcionarles a los representantes de NAEP el nombre de la red e instrucciones detalladas para conectarse al WiFi mediante un portal cautivo, junto con las credenciales, antes del día de la evaluación.
Protocolo de autenticación extensible (EAP) de seguridad no predeterminado	Esta red tiene protocolos de autenticación seguros que le permiten a los usuarios ingresar a la red de la escuela de manera segura.	El(la) coordinador(a) de tecnología interno(a) debe proporcionarles a los representantes de NAEP el nombre de la red y las credenciales de acceso antes del día de la evaluación. Junto con las credenciales, también se deben proporcionar por anticipado los detalles sobre el protocolo preferido para conectarse al WiFi de la escuela. Los siguientes son algunos ejemplos: • LEAP • PEAP • EAP-TLS • EAP-TTLS
Red oculta	Esta red tiene medidas de seguridad pasivas. El *router* no transmite el SSID (identificador de la red). Por lo tanto, no es posible ver el nombre de la red en la lista que aparece bajo el menú de redes disponibles.	El(la) coordinador(a) de tecnología interno(a) debe proporcionarles a los representantes de NAEP el nombre de la red y las credenciales de acceso antes del día de la evaluación. Junto con las credenciales, también se deben proporcionar por anticipado los detalles sobre cómo identificar y configurar la conexión a la red oculta. Estas instrucciones incluirán detalles sobre las siguientes configuraciones:

Tipo de conexión a la red	Descripción	Implicaciones para NAEP
		• SSID - nombre de la red • El tipo de encriptación empleado por la red (WEP, WPA-PSK, o WPA2-PSK)
Límite de conexión concurrente ~~dispositivos conectados~~ por cada perfil de usuario ~~del WiFi~~	Esta red tiene una política estricta de seguridad que solo le permite a un determinado número de dispositivos conectarse simultáneamente por cada perfil de usuario de la red.	El(la) coordinador(a) de tecnología interno(a) debe proporcionarles a los representantes de NAEP el nombre de la red y las credenciales de acceso, además del número de dispositivos que se pueden conectar simultáneamente, antes del día de la evaluación.

Summary of Appendix I Changes

Document	
I3 (English only)	• Capitalization (e.g., "Manage school questionnaire" to "Manage School Questionnaire")
I8 (English only)	• An additional image of the schedule groups section was updated since the last OMB submission to show how schedule groups appears to schools who will participate in NAEP Private Network mode – see the image at the top of p. 43.
I10 (English only)	• Updated the text from "Notify method" in the first screen to "Notification method." • On the sub-page shown on page 2, updated the text "Identify the person who should be the contact in the letter" to "Provide the name of the contact person to include in the letter."
I12	• English: Screenshots of Technical Logistics screens on pp. 79-80 have been updated. • Spanish: Screenshots of Technical Logistics screens on pp. 85-86 have been updated.
I13	• New video thumbnail on p. 91 • Updated document name of "Talking points from teachers to students" to "Talking points from principals and teachers to students". • Removed "Assessment day morning announcement template". • Added a link to a "Certificate of Appreciation." • Added website link for "NAEP Tools on the Web". • Added a link to a "NAEP 2019 Infographic for Grade 12 Mathematics and Reading".
I16-d (English only)	• Updated to include more information about inclusion policies and how to edit accommodations needed.
I16-e	• See below for a detailed description of the changes to the AMS Tutorials in both English and Spanish
I17-b (Spanish only)	• Replaced all instances of "explique" with "por favor, explique"
I17-d	• Replaced all instances of "explique" with "por favor, explique"
I17-e	• Added a text expansion box for explanations of difficulties schools might have encountered supporting technical requirements for NAEP

AMS Tutorial
Technical Logistics

Screen #	Screen content	Audio script	Media/images
1.	[1] Technical Logistics page	**[Voiceover]:** The Technical Logistics tile is where you will respond to questions about your school's Wi-Fi capabilities and where you will work with your NAEP representative to prepare for assessment day.	Show image of technical logistics page
2.		**[Voiceover]:** At the top of the page there is a timeline of the activities that must be completed to prepare for the NAEP assessment.	Show top of page and focus in on the timeline
3.		**[Voiceover]:** The Internet Connectivity Survey shows the date and the name of the person who completed it. The responses from this survey were used to determine if your school's Wi-Fi can support NAEP. The survey also provided instructions on safelisting the NAEP URLs to ensure unrestricted access to the school's Wi-Fi.	Show the ICS part of the timeline then scan over the remaining 3 activities on the timeline
		[Voiceover]: The initial Wi-Fi check will walk you through the steps that need to be completed before you have the Assessment Planning Meeting with the NAEP field representative. To begin this check, click on the start button.	Show tile with Initial Wi-Fi check then zoom in to the Start button
		[Voiceover]: In step 1, you will run the Network Diagnostic Tool in each assessment location on the Wi-Fi network NAEP will use. The check will indicate if the bandwidth in the NAEP testing locations meet NAEP requirements and confirm the URLs have been safelisted.	Show step 1 and press on the Run check button then scroll over to the results.
		[Voiceover]: In step 2, you will indicate if the Wireless Access Point for each location can support the number of connections	

		needed for NAEP.	
		[Voiceover]: The final step will show a summary of the Wi-Fi eligibility for each assessment location, based on information provided. .	
		[Voiceover]: It is essential that the initial Wi-Fi check that was just reviewed is completed prior to the scheduled Assessment Planning Meeting so you can discuss the results with your NAEP representative.	
		[Voiceover]: Next, you will confirm the network connectivity type and provide some additional Wi-Fi details. First, confirm and update the name of the WiFi that NAEP will use to conduct the assessment. If your school has a WiFi network that is set-up exclusively for the use of NAEP, you will indicate that in this question. Next, indicate who controls the WiFi network NAEP will use. Finally, indicate if there are any extra security measures that will be needed in order to access the WiFi network at your school. For example, if your school uses a captive portal, or *webpage is required to view and interact with* before granting access to use the WiFi, it will be indicated here, along with details for accessing.	Show image of provide the technical details tile
		[Voiceover]: On the next tile, you will confirm assessment day details. Ensuring everything is ready to go when the NAEP team arrives at the school is essential to a smooth assessment experience. This includes the name of the person who will provide credential to the NAEP team upon arrival at the school and a demonstration on using one of the NAEP device on how to login to the WiFi at the school.	Show image of meeting the NAEP Team on assessment day tile

4.		**[Voiceover]:** The last section of the technical logistics page requires you to complete a final check in each assessment location on the network NAEP will use 7-days before the assessment date. This final check ensures that the URLs are still safelisted and bandwidth requirements will support NAEP. This will ensure the best student experience on assessment day.	Show image of technical logistics tile
5.	[1] Return to Technical Logistics tile	**[Voiceover]:** If you have any questions about completing your tasks within the technical logistics section of the AMS, please contact your NAEP representative or the NAEP Help Desk.	Show image of technical logistics tile

Screen #	Screen content	Audio script	Media/images
1	[1] Technical Logistics page	**[Voiceover]:** La ficha de Logística Técnica es donde responderá a las preguntas sobre las capacidades del WiFi de su escuela y donde trabajará con su representante de NAEP para prepararse para el día de la evaluación.	Show image of technical logistics page
2		**[Voiceover]:** En la parte superior de la página hay un calendario de las actividades que deben completarse para prepararse para la evaluación de NAEP.	Show top of page and focus in on the timeline
3		**[Voiceover]:** La Encuesta sobre la conectividad a Internet muestra la fecha y el nombre de la persona que la completó. Las respuestas de esta encuesta se utilizaron para determinar si el WiFi de su escuela es compatible con NAEP. La encuesta también proporcionó instrucciones sobre la creación de una lista segura de los URL de NAEP para garantizar el acceso sin restricciones al WiFi de la escuela.	Show the ICS part of the timeline then scan over the remaining 3 activities on the timeline
4		**[Voiceover]:** La verificación inicial de WiFi le guiará a través de los pasos que debe completar antes de la reunión de planificación para la evaluación con el o la representante de campo de NAEP. Para comenzar esta verificación, haga seleccione el botón de iniciar.	Show tile with Initial Wi-Fi check then zoom in to the Start button
5		**[Voiceover]:** En el paso 1, usted ejecutará la Herramienta de diagnóstico de la red en cada lugar de evaluación en la red WiFi que NAEP utilizará.	Show step 1 and press on the Run check button then scroll over to the results.

		La verificación indicará si el ancho de banda en los lugares donde se realizará la prueba de NAEP cumple con los requisitos de NAEP y confirmará que los URL se encuentran en una lista segura.	
6		**[Voiceover]:** En el paso 2, se indicará si el punto de acceso inalámbrico de cada lugar es compatible con el número de conexiones necesarias para NAEP.	
7		**[Voiceover]:** El último paso mostrará un resumen de la elegibilidad del WiFi para cada lugar de evaluación, basándose en la información proporcionada. .	
8		**[Voiceover]:** Es esencial que la verificación inicial de WiFi que se acaba de revisar se complete antes de la Reunión de planificación para la evaluación programada para que pueda discutir los resultados con su representante de NAEP.	
9		**[Voiceover]:** Luego, usted confirmará el tipo de conectividad de la red y proporcionará algunos detalles adicionales sobre el WiFi. Primero, confirme y actualice el nombre de la red WiFi que NAEP utilizará para realizar la evaluación. Si su escuela tiene una red WiFi configurada exclusivamente para el uso de NAEP, deberá indicarlo en esta pregunta. Luego, indique quién controla la red WiFi que utilizará NAEP. Por último, indique si hay medidas de seguridad adicionales que serán necesarias para acceder a la red WiFi de su escuela. Por ejemplo, si su escuela utiliza un portal cautivo, o si se requiere ver e interactuar con una página web antes de acceder para utilizar el WiFi, se indicará aquí, junto con los detalles para acceder.	Show image of provide the technical details tile

10		**[Voiceover]:** En la siguiente ficha, confirmará los detalles del día de la evaluación. Asegurarse de que todo esté listo cuando el equipo de NAEP llegue a la escuela es esencial para una experiencia de evaluación sin contratiempos. Esto incluye el nombre de la persona que proporcionará las credenciales al equipo de NAEP al llegar a la escuela y una demostración sobre cómo ingresar al WiFi de la escuela utilizando uno de los dispositivos de NAEP.	Show image of meeting the NAEP Team on assessment day tile
11		**[Voiceover]:** La última sección de la página de logística técnica requiere que usted complete una verificación final en cada lugar de evaluación en la red que NAEP utilizará 7 días antes de la fecha de la evaluación. Esta verificación final asegura que los URL aún están en la lista segura y que los requerimientos de ancho de banda son compatibles con NAEP. Esto garantizará la mejor experiencia para los estudiantes el día de la evaluación.	Show image of technical logistics tile
12	[1] Return to Technical Logistics tile	**[Voiceover]:** Si tiene alguna pregunta sobre cómo completar sus tareas en la sección de logística técnica del AMS, comuníquese con su representante de NAEP o con la Oficina de Ayuda de NAEP.	Show image of technical logistics tile