

X12 UPDATE

April 20, 2026

Cathy Sheppard, CEO



DISCLAIMER

- This presentation is for informational purposes only
- This presentation does not represent legal advice
- This presentation contains point-in-time content and is subject to revision

X12



The X12 Organization



THE X12 ORGANIZATION

- X12 is comprised of a handful of staff, hundreds of members, and more than a thousand member representatives
- Members include corporations, associations, organizations, government entities, and individuals
- Member representatives include experts from health care, insurance, transportation, finance, government, supply chain and other industries

X12



THE X12 ORGANIZATION

- X12 standards are the workhorse standards for business-to-business exchanges
- Many partner-to-partner “standards” are developed based on X12’s intellectual property

X12



X12 IMPLEMENTATION BASE

- Billions of transactions based on X12 standards are utilized daily across various industries including finance, government, health care, insurance, supply chain, transportation, and others
- Millions of entities around the world have an established infrastructure that supports X12 transactions, representing a significant investment in a stable and effective infrastructure
- The data exchanged in X12 transactions is well-defined and has been use-tested in production systems for over 40 years

X12



Glass™: EASY ONLINE ACCESS

- X12's online viewer is a powerful and convenient reference tool providing low-cost, easy access to published products
- Includes all versions of the EDI Standard and many versions of implementation guides, technical reports, design rules and other reference information
- Additional content is added at a regular cadence

X12



Glass™: EASY ONLINE ACCESS

The screenshot shows a web browser at products.x12.org. The page title is "Glass | X12 PRODUCTS". On the left, there is a navigation menu with "Expand / Collapse All" and a tree structure including "Introduction", "Workbook", "X12 EDI Standard*", "Technical Report Library", and "Versioned Technical Reports". The main content area is titled "X12 EDI Standard*" and contains the following text:

X12 EDI Standard*

An ANSI-accredited set of standardized segments and elements, organized into transaction sets and documented in the EDI Transaction Set Directory, Segment Directory and Data Element Dictionary.

***This product requires a [Subscription to Glass](#).**

Select a version below:

008070 | 008060 | 008050 | 008040 | 008030 | 008020 | 008010 | 007060 | 007050 | 007040 | 007030 | 007020 | 007010 | 006050 | 006040 | 006030 | 006020 | 006010 | 005050 | 005040 | 005030 | 005020 | 005010 | 004060 | 004050 | 004040 | 004030 | 004020 | 004010 | 003070 | 003060 | 003050 | 003040 | 003030 | 003020 | 003010 | 002040 | 002003 | 002002 | 002001

Change Log

008020 to 008030
008030 to 008040
008040 to 008050
008050 to 008060
008060 to 008070

Change Log Help
Samples

At the bottom of the page, there are links for "Help" and "Privacy Policy", social media icons for Twitter and LinkedIn, and the text "2026 © X12 Incorporated".

X12



Glass™: EASY ONLINE ACCESS

Within each version of the EDI Standard, there are more than 300 transaction sets available for easy reference.

The screenshot shows a web browser window with the URL <https://standard.x12.org/Home/Default/008010>. The page title is "Glass | X12 EDI STANDARD". On the left, there is a "Collapse All" menu listing various transaction sets, with "820 Payment Order/Remittance Advice" selected. The main content area displays the details for "820 - Payment Order/Remittance Advice".

820 - Payment Order/Remittance Advice

FUNCTIONAL GROUP-**RA**
SUBCOMMITTEE-**F**

This X12 Transaction Set contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice.

This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
	0100	Transaction Set Header	M	1	
	0200	Beginning Segment for Payment Order/Remittance Advice	M	1	
	0300	Note/Special Instruction	O	>1	
C	0350	Trace	O	1	
C	0400	Currency	O	1	
	0500	Reference Information	O	>1	
	0600	Date/Time Reference	O	>1	
LOOP ID - 1000					>1
C	0700	Party Identification	O	1	

At the bottom of the page, there are links for "Terms", "Help", and "Privacy Policy", along with social media icons for Twitter and LinkedIn, and a copyright notice: "2020 © X12 Incorporated".



FINDING THE GUIDES IN GLASS

The screenshot shows the GLASS X12 PRODUCTS interface. On the left is a navigation tree under 'Expand / Collapse All' with categories like 'Introduction', 'X12 EDI Standards', 'Technical Report Library', 'Non-Versioned Technical Reports', and 'Versioned Technical Reports'. The 'Versioned Technical Reports' section is expanded to show various X12 versions and transaction sets. A yellow callout box points to the 'X323 - Health Care Claim: Professional (837)*' entry in this list, with the text: '1. Select an implementation guide from the Table of Contents'. The main content area on the right displays the title 'X323 - Health Care Claim: Professional (837)*' and a brief description: 'The Health Care Claim: Professional Implementation Guide describes the use of the X12 Health Care Claim (837) transaction set for the following business usage:'. Below this, a bullet point states: '• Submit and transfer professional claims and encounters from health care providers to health care payers and between payers.' Another yellow callout box points to this text: '2. The summary page is displayed in the content pane'. Below the description is a section titled 'Click on the Title below to read the book' with a table containing one entry: 'X323 - Health Care Claim: Professional (837)*'. A third yellow callout box points to this entry: '3. Click on the hyperlink to open and view the implementation guide.' The bottom of the page features a footer with 'Help | Privacy Policy', social media icons for Twitter and LinkedIn, and the text '© 2026 © X12 Incorporated'.



LICENSING

→ Glass™ is a powerful tool for business analysts, programmers, consultants, and other stakeholders and is widely used today

~ *11,000 Glass and User Licensees*

~ *100 Commercial Use Licensing Partners*

~ *150 Internal Use Licensing Partners*

~ *110 Developer Licensees*

→ Read more at x12.org/licensing

→ Review the [Featured Licensing Partners](#)

X12



INFORMATION & EDUCATION

- X12 maintains a library of informational presentations, position papers, and related documents
- Visit X12's [Info Center](https://www.x12.org/info-center) at x12.org to review the offerings
- More content is added to the site on a regular basis, so check back often

X12



What's Happening at X12



008060 GUIDES PUBLISHED

- In September X12 announced publication of the 008060 versions of the HIPAA-mandated implementation guides
- The updated implementation guides are available in X12's online viewer, Glass

X12



GLASS ENHANCEMENTS

- As we added the 008060 implementation guides to Glass, we enhanced the functionality
- The enhancements impact how you navigate and review implementation guides beginning with the 008060 versions
- Navigation and review features for implementation guides for versions prior to 008060 did not change
- More information is available at x12.org/changes

X12



008060 GUIDES PUBLISHED

- In October 2025, X12 announced the formation of a new task group operating under the ASC's Steering committee, the Education, Information, and Messaging Task Group
- Donna Campbell was appointed chair of this new group
- The group's current focus is creating and presenting a series of webinars related to the functional benefits included in the 008060 versions

X12



X12 HIPAA RECOMMENDATIONS

- In December 2025, X12 submitted its [recommendation](#) for advancing the version of already mandated HIPAA transactions
- Per the HIPAA regulations, we also notified the other organizations named as Designated Standards Maintenance Organizations (DSMOs) and the Workgroup for Electronic Data Interchange (WEDI), which was named as an advisory body

X12



X12 HIPAA RECOMMENDATIONS

→ Included in the recommendation:

- *008060X322 Health Care Claim Payment/Advice (835)*
- *008060X323 Health Care Claim: Professional (837)*
- *008060X324 Health Care Claim: Institutional (837)*
- *008060X325 Health Care Claim: Dental (837)*
- *008060X329 Health Care Claim Status Request and Response (276/277)*
- *008060X332 Health Care Eligibility/Benefit Inquiry and Information Response (270/271)*
- *008060X333 Benefit Enrollment and Maintenance (834)*

X12



X12 HIPAA RECOMMENDATIONS

→ Included in the recommendation:

- *008060X334 Payroll Deducted and Other Group Premium Payment for Insurance Products (820)*
- *008060X342 Health Care Services Review – Request for Review and Response (278)*
- *008060X340 Health Care Claim Request for Additional Information (277)*
- *008060X341 Additional Information to Support a Health Care Claim or Encounter (275)*
- *008060X343 Additional Information to Support a Health Care Services Review (275)*

X12



X12 HIPAA RECOMMENDATIONS

- We also recommended that the corresponding derived schema definitions that support the direct representation of the transaction in XML syntax be named as a permitted syntax

X12



HIPAA LANDING PAGE

→ We recently unveiled a new [HIPAA Recommendations Landing Page](#)

Home / News + Events / X12 HIPAA Recommendations

X12 HIPAA Recommendations

In December 2025, X12 recommended advancing the version of its already mandated health care transactions to the National Committee on Vital and Health Statistics (NCVHS) while notifying the related stakeholder organizations. Interested parties can easily access information about X12's recommendation by referencing the below information.

The content currently available on the site is listed below. Additional resources to inform or assist implementers and other stakeholders will be posted as they become available. To stay informed, bookmark the site and check back regularly to access the most current information.

Available Now:

- X12's recommendation letter to the NCVHS and National Standards Group
- X12's member announcement about its landing page and related resources
- Several Change Reference Documents:
 - Links to the 008060 implementation guides in Glass*
 - Links to the 005010 implementation guides in Glass*
 - A Transaction Set Listing Markup for each 008060 implementation guide
 - A Mechanical Comparison Report for each pair of implementation guides

Coming Soon for Each 008060 Implementation Guide:

- Benefit Summary documents
- Education Presentations slides

Please note that many Glass resources, including the respective Implementation Guides marked with an asterisk (*) above require a paid Glass subscription. More information is available at ecommerce.x12.org/license/glass.

Use your X12IID to access the Recommendations landing page. If you do not already have an X12IID, you can register to create one at no cost at ecommerce.x12.org/license/free.

Additional information about X12IIDs is available in the X12 Info Center under Informational Overviews.

If you have any questions, please submit them via the [X12 feedback form](#).

NEWS + EVENTS

- News
- X12 Blog
- Meetings
- Important Dates
- Release Schedule
- X12 HIPAA Recommendations

Related Links

- Recommendation Letter
- Member Announcement
- Change Reference Documents
- Register for the Next Webinar

X12



HIPAA LANDING PAGE

- This page provides easy access to information about its recommendation to advance the mandated standards to version 008060
- Links to additional resources to inform or assist implementers and other stakeholders will be posted to this site over time
- To stay informed, bookmark the page and check back regularly

X12



X12 HIPAA Recommendations

In December 2025, X12 recommended advancing the version of its already mandated health care transactions to the National Committee on Vital and Health Statistics (NCVHS) while notifying the related stakeholder organizations. Interested parties can easily access information about X12's recommendation by referencing the below information.

The content currently available on the site is listed below. Additional resources to inform or assist implementers and other stakeholders will be posted as they become available. To stay informed, bookmark the site and check back regularly to access the most current information.

Available Now:

- X12's recommendation [letter](#) to the NCVHS and National Standards Group
- X12's member [announcement](#) about its landing page and related resources
- Several [Change Reference Documents](#):
 - Links to the 008060 implementation guides in Glass*
 - Links to the 005010 implementation guides in Glass*
 - A Transaction Set Listing Markup for each 008060 implementation guide
 - A Mechanical Comparison Report for each pair of implementation guides

Coming Soon for Each 008060 Implementation Guide:

- Benefit Summary documents
- Education Presentations slides

Please note that many Glass resources, including the respective Implementation Guides marked with an asterisk (*) above require a paid Glass subscription. More information is available at ecommerce.x12.org/license/glass.

Use your X12IID to access the Recommendations landing page. If you do not already have an X12IID, you can register to create one at no cost at ecommerce.x12.org/license/free.

Additional information about X12IIDs is available in the X12 [Info Center](#) under Informational Overviews.

If you have any questions, please submit them via the [X12 feedback form](#).

NEWS + EVENTS

- News
- X12 Blog
- Meetings
- Important Dates
- Release Schedule

X12 HIPAA Recommendations

Related Links

- [Recommendation Letter](#)
- [Member Announcement](#)
- [Change Reference Documents](#)
- [Register for the Next Webinar](#)

Recommendations

ation to upgrade the currently mandated transactions to version 008060, we noted that we'd provide several resources to assist implementers in assessing the impact of is, workflows, and policies. The information below includes links to X12's 008060 implementation guides in Glass, along with two corresponding revision references. The transaction Set Listing Markup and a Mechanical Comparison Report. Additional reference resources will be added over time to support organizations as they assess ify opportunities based on new functionality and enhancements to existing functionality.

s are PDF files that show the levels, loops, and segments in the implementation guides. Segments revised since the 005010 version are highlighted in blue, new loops ted with (NEW), while removed loops and segments are struck through in blue. This is a good starting point reference that leads you to the segments you should assess, h revision to levels, loops, and segments.

ts are text files that highlight specific differences between the 005010 version and the 008020 counterpart implementation guide. They describe differences in loop, ; and code value information. Differences in syntax notes, semantic notes, comments, and code sources are excluded. When there is a difference between versions, the row that indicates the location of the loop, segment, data element, component, or code value and describes the difference. New and deleted content is identified at the umeration of the lower-level content. For example, if a new segment is detected in the newer version, the data elements within that segment will not be separately noted between versions. **Note that the sequence of repeating segments has changed since the 005010 version, then the report will not match ected (See example).** This resource contains more detailed information and may be best suited to experienced technical analysts, programmers, and business analysts.

	008060*	005010 Counterpart*	Benefit Summary	Transaction Set Listing Markup Changes	Mechanical Comparison Report	Education Presentation
35)	008060X322	005010X221	PDF	PDF	TXT	PDF
	008060X323	005010X222	—	PDF	TXT	—
	008060X324	005010X223	—	PDF	TXT	—
	008060X325	005010X224	—	PDF	TXT	—
Health Care Eligibility Inquiry and Response (278/277)	008060X329	005010X219	—	276 277	TXT	—
Health Care Eligibility/Benefit Inquiry and Information Response (270/271)	008060X332	005010X279	PDF	270 271	TXT	PDF
Benefit Enrollment and Maintenance (834)	008060X333	005010X220	—	PDF	TXT	—
Payroll Deducted and Other Group Premium Payment for Insurance Products (820)	008060X334	005010X218	—	PDF	TXT	—
Health Care Services Review Request for Review and Response (278)	008060X342	005010X217	—	278 278R	TXT	—

*Glass Premium Subscription Required



HIPAA LANDING PAGE

CHANGE REFERENCE DOCUMENTS

→ Content available now for all recommended implementation guides:

- *X12's recommendation letter to the NCVHS and National Standards Group*
- *Links to the 008060 implementation guides in Glass**
- *Links to the 005010 implementation guides in Glass**
- *A Transaction Set Listing Markup for each 008060 implementation guide*
- *A Mechanical Comparison Report for each pair of implementation guides*

X12



HIPAA LANDING PAGE

CHANGE REFERENCE DOCUMENTS



HIPAA Recommendations

When X12 presented its recommendation to upgrade the currently mandated transactions to version 008060, we noted that we'd provide several resources to assist implementers in assessing the impact of the upgrade on their internal systems, workflows, and policies. The information below includes links to X12's 008060 implementation guides in Glass, along with two corresponding revision references. The revision references included are a Transaction Set Listing Markup and a Mechanical Comparison Report. Additional reference resources will be added over time to support organizations as they assess their proprietary solutions and identify opportunities based on new functionality and enhancements to existing functionality.

The Transaction Set Listing Markups are PDF files that show the levels, loops, and segments in the implementation guides. Segments revised since the 005010 version are highlighted in blue, new loops and segments are also blue and noted with (NEW), while removed loops and segments are struck through in blue. This is a good starting point reference that leads you to the segments you should assess, without going into the details of each revision to levels, loops, and segments.

The Mechanical Comparison Reports are text files that highlight specific differences between the 005010 version and the 008020 counterpart implementation guide. They describe differences in loop, segment, data element, component, and code value information. Differences in syntax notes, semantic notes, comments, and code sources are excluded. When there is a difference between versions, the difference will be documented in a row that indicates the location of the loop, segment, data element, component, or code value and describes the difference. New and deleted content is identified at the highest hierarchical level with no enumeration of the lower-level content. For example, if a new segment is detected in the newer version, the data elements within that segment will not be separately noted as new. When there is no change between versions, no rows are presented. Note that if the sequence of repeating segments has changed since the 005010 version, then the report will not match segments as otherwise may be expected (See [example](#)). This resource contains more detailed information and may be best suited to experienced technical analysts, programmers, and business analysts.

Implementation Guide	008060*	005010 Counterpart*	Benefit Summary	Transaction Set Listing Markup Changes	Mechanical Comparison Report	Education Presentation
Health Care Claim Payment Advice (835)	008060X322	005010X221	PDF	PDF	TXT	PDF
Health Care Claim: Professional (837)	008060X323	005010X222	—	PDF	TXT	—
Health Care Claim: Institutional (837)	008060X324	005010X223	—	PDF	TXT	—
Health Care Claim: Dental (837)	008060X325	005010X224	—	PDF	TXT	—
Health Care Claim Status Request and Response (276/277)	008060X329	005010X212	—	276 277	TXT	—
Health Care Eligibility/Benefit Inquiry and Information Response (270/271)	008060X332	005010X279	PDF	270 271	TXT	PDF
Benefit Enrollment and Maintenance (834)	008060X333	005010X220	—	PDF	TXT	—
Payroll Deducted and Other Group Premium Payment for Insurance Products (820)	008060X334	005010X218	—	PDF	TXT	—
Health Care Services Review Request for Review and Response (278)	008060X342	005010X217	—	278I 278R	TXT	—

*Glass Premium Subscription Required



HIPAA LANDING PAGE

CHANGE REFERENCE DOCUMENTS

- Now available for some guides and coming soon for others:
 - *Links to a Benefit Summary for each 008060 implementation guide*
 - *Links to presentation slides for each 008060 implementation guide*
- Use your X12|ID to access the [Change Reference Documents page](#)
 - *If you do not already have an X12|ID, you can register to create one at no cost at ecommerce.x12.org/license/free*

X12



EDUCATION/ INFORMATION SERIES

→ Education/Information Series:

- *X332 - Health Care Eligibility/Benefit Inquiry and Information Response (270/271)*
- *X322 - Health Care Claim Payment/Advice implementation guide (835)*
- *X323, X324, and X325 - Health Care Claim Series covering the Professional, Institutional, and Dental implementation guides*
- *X329 - Health Care Claim Status Request and Response (276/277)*
- *X333 - Benefit Enrollment and Maintenance (834)*
- *X334 - the Payroll Deducted and Other Group Premium Payment for Insurance Products (820)*

X12



EDUCATION/ INFORMATION SERIES

→ Education/Information Series:

- *X342 - the Health Care Services Review – Request for Review and Response (278)*
- *X340 - the Health Care Claim Request for Additional Information (277)*
- *X341 - the Additional Information to Support a Health Care Claim or Encounter (275)*
- *X343, the Additional Information to Support a Health Care Services Review (275)*

X12



EDUCATION/ INFORMATION SERIES

- You must register for each session
- The link to the registration form is on the [recommendations landing page](#)
- We plan to offer most sessions several time over the course of this year, based on attendance and requests
- After the initial webinar for each implementation guide, the presentation slides will be available on the recommendations landing page

X12



HIPAA PROOF OF CONCEPT

- We talked about the Proof of Concept (PoC, aka pilot) focusing on updates to HIPAA mandated transactions last year
- That work is ongoing and has proven to be very valuable based on feedback we've received
- The group is working on testing scenarios related to use of the 008060 270/271 transactions
- The PoC work is the basis of a new initiative we are looking forward to sharing with the industry soon

X12



GENERAL SESSION CHANGES

- Beginning with the upcoming Summer meeting in Philadelphia, the General Session will be on Sunday evening with a dinner reception to follow
- This change allows us to provide state-of-the-state information to attendees before the committees, subcommittees, and subordinate groups begin their sessions

X12



GENERAL SESSION CHANGES

- X12 has already done a survey of member and non-members related to the value of submitting recommendations that additional transactions be added to the HIPAA mandate
- We expect to release a broader survey once our workgroups have completed some preliminary work to support the recommendations
- Likely to see these in Q4 of 2026 and/or Q1 of 2027

X12



WHAT DO YOU NEED TO DO

- Each organization needs to review the changes between 005010 and 008020 from the perspective of its own systems and applications
- Each organization needs to determine which of its systems need to be updated.
- The good news is that, for the most part, the 008060 updates are of a much smaller scale than when we updated to 005010

X12



WHAT DO YOU NEED TO DO

- The best thing to do is start
- Many people will be making statements, giving presentations, or sharing information – not all of that sharing will be accurate
- If you want accurate information, that comes from your staff digging in and understanding what questions or clarification need to be applied



WHAT DO YOU NEED TO DO

- Your organizations have invested heavily in an infrastructure that is efficient, effective, and stable, building on that is a cost-savings
- It is important for the regulators to hear that
 - *Building on an investment you've already made is cost-effective*
 - *These enhancements are valuable to your organization*

X12



WHAT DO YOU NEED TO DO

- You should also be sure your voice is heard
 - *By sending letters to CMS*
 - *Commenting on the NPRM that will be issued*
 - *Asking questions*
- It is important for the regulators to hear that these enhancements are valuable, that standards must be updated more frequently moving forward



Wrap up



Next Standing Meeting

June 7 - 17, 2026



Next Corporate Meeting

June 8, 2026

Sonesta Philadelphia
Rittenhouse Square

Watch for registration announcements and be sure to register

x12.org/news-and-events/meetings/summer-2026-standing




STAY CONNECTED

→ Learn more about X12 at X12.org

→ Stay informed by following X12

 *@x12standards*

 *#X12 on LinkedIn*

X12



FEEDBACK IDEAS QUESTIONS?

WE WANT TO HEAR IT
[X12.ORG/FEEDBACK](https://x12.org/feedback)

X12

