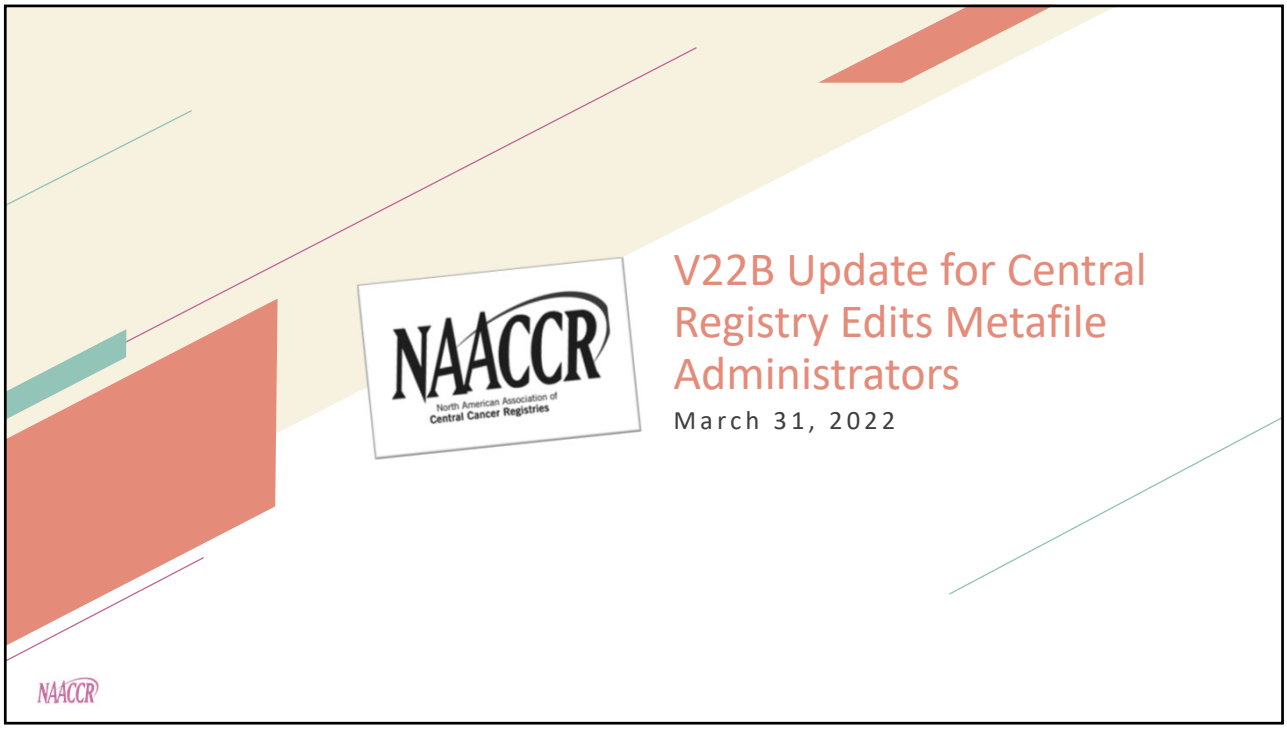
NAACCR
North American Association of
Central Cancer Registries
V22B Update for Central Registry Edits Metafile Administrators
March 31, 2022
NAACCR

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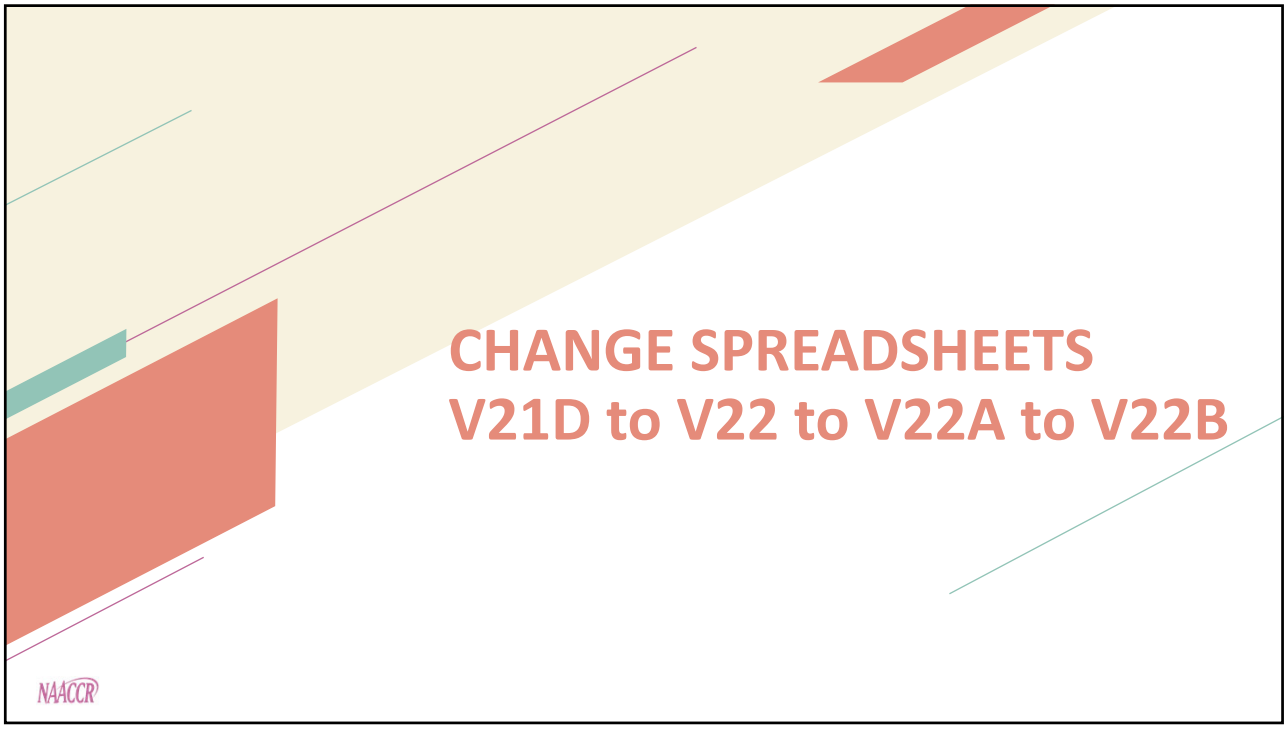
CHANGE SPREADSHEETS
V21D to V22 to V22A to V22B
NAACCR

2

## Why Change Spreadsheets

- Edit additions and modifications:
  - Reflect changes in data collection items and standards
  - May serve as templates for adding or modifying registry custom edits
  - May eliminate necessity for custom edits
- Edit corrections verify that identified problems have been addressed

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## Changes are Cumulative, Spreadsheets are Not

- Registries may move directly from V21D metafile to V22B metafile, or update from V22 or V22A to V22B metafile
  - ***Changes occurring in V22 or V22A metafile are incorporated in V22B metafile***
  - ***Some changes may be superceded by later changes***
    - Example – new edits in V22 deleted in V22B
- But changes from V21D to V22, from V22 to V22A, and from V22A to V22B are tracked in separate spreadsheets
  - ***All changes affecting single edit are documented in Administrative Notes***
    - Excluding deleted edits
- V22B spreadsheet identifies edits appearing on V22 and V22A spreadsheets to assist in registry review of changes

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## Highlights from V22 Change Spreadsheet

- Edits with corrections from previous metafiles
- Edits with changes, right justification removed
- Edits with changes, required right spaces removed
- Edits with changes for autopsy only, death certificate only
- Edits with changes for Gleason SSDIs, NPCR and SEER
- Edits with changes to surgery-related fields, defaults back to 2018 ***
- Edits with surgery changes for NPCR
- Edits with changes for report source, requirements for code 6, 7
- Edits with other changes

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## Highlights from V22 Change Spreadsheet – Updates for 2022

- Edits with updates for 00528 – Cervix 9th Edition
- Edits with updates for 00459 – new Soft Tissue Sarcoma Other
- Edits with updates for Myeloma, CLL
- Edits with other updates
- Edits with updates for converted LN status fields ***
- Edits on other new data items
- Other new edits
- Deleted edits

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## Highlights from V22A Spreadsheet

- Description or Administrative Note updates on 4 edits
- Logic changes on 3 edits
- New p16 edits to reflect NPCR requirements for reporting data item 2022+

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## CHANGE SPREADSHEET V22A to V22B

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## Changes for V22B – Runtime Reduced

- Runtime significantly reduced for edits verifying Schema ID, AJCC ID, and Schema Discriminators
  - N2843, _SYS AJCC ID, Primary Site, Histology, Behavior (NAACCR)
  - N2824, _SYS Schema ID, Primary Site, Histology (NAACCR)
  - N3010, AJCC ID, Site, Histo, SchemaDiscriminator 1 (NAACCR)
  - N3013, AJCC ID, Site, Histo, Schema Discriminator 2 (NAACCR)
  - N2965, Schema ID, Site, Histo, Schema Discriminator 1(NAACCR)
  - N6131, Schema ID, Site, Histo, Schema Discriminator 1 (NPCR)
  - N3007, Schema ID, Site, Histo, Schema Discriminator 2 (NAACCR)
- Table and edit logic changes

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## Changes for V22B – COC Flags

- COC flag removed from interfield editing for SEER
  - COC flag used to identify edits on data items required by SEER for analytic cases reported by a COC facility, designated RC in the Required Status Table
  - COC flag included in edit logic: edit passed if COC accredited flag not = 1
  - COC flags remain on edits that verify required values are reported
  - Interfield edits with COC flag removed previously skipped if any RC fields included
  - Interfield edits with COC flag removed will now be applied if values are reported, regardless of RC designation – cases previously passing edits may fail
  - COC flag edits may be deleted and replaced with standard edits, or modified to no longer include the COC flag

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## Changes for V22B – Skip for SS2018, DCO

- Skip for Type of Reporting Source = 7 (Death Certificate Only) added to Summary Stage 2018 and Derived Summary Stage 2018 interfield edits
  - Summary Stage 2018 may be coded from Death Certificate information
  - Edits that compare values for Summary Stage 2018 with values for other items may fail on a Death Certificate Only case:
    - Summary Stage 2018 is coded other than unknown, other items are coded with default values (usually blank or unknown)
  - Cases previously failing edits may pass with new skip

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## Changes for V22B – Treatment Edits for 2018+

- Changes made to treatment edits in V22, with effect back to 2018, bypassed through 2021
  - Discrepancies between SEER and COC coding instructions and requirements for treatment-related items 2018 through 2021
  - Edits modified in V18, V18D, and V21 to accommodate changes as SEER and COC met to resolve discrepancies
  - Edits modified in V22 to apply same logic to 2018, 2019-2020, 2021 cases
  - Some data conversions applied in V22 implementation, but problems persisted with existing cases failing new 2018+ edits
  - Solution – pass cases with identified logic issues for 2018-2021

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## Changes for V22B - Other

- Logic corrections – problems reported and corrected for existing edits
- Error message corrections
- SEER Skips – edits skipped for Illinois and Texas, new SEER registries as of 7/15/2021

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## Changes Spreadsheet - Corrections Page

- Usual spreadsheet, color-coding, edits in alphabetical order
- Changes in layout name, messages, tables
  - New REF tables, changes to other tables support changes in runtime efficiency for _SYS edits and Schema Discriminator edits
- Changes in edit sets
  - SEER additions – standard edits replacing removed COC flag edits
- Green – changes in logic; orange – changes in description, message; yellow – new edit; blue – edit also on SEER Skips page
- Column D – table or edit appears on change spreadsheet for V22 or V22A

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## Changes Spreadsheet – Categories Page

- Edits with logic changes for table lookup
- Deleted edits with COC flag
- Modified edits, previously included COC flag
- Summary Stage 2018 edits with skip for Type of Reporting Source = 7
- Edits with changes affecting treatment items
- Edits with other changes
- Edits with error message corrections

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## Changes Spreadsheet – SEER Skips Page

- Spreadsheet received from SEER, added to Changes Spreadsheet
- Edit tag, SEER IF number, Edit Name, Description of skip
- Skips identified by IL or TX registry, year of diagnosis

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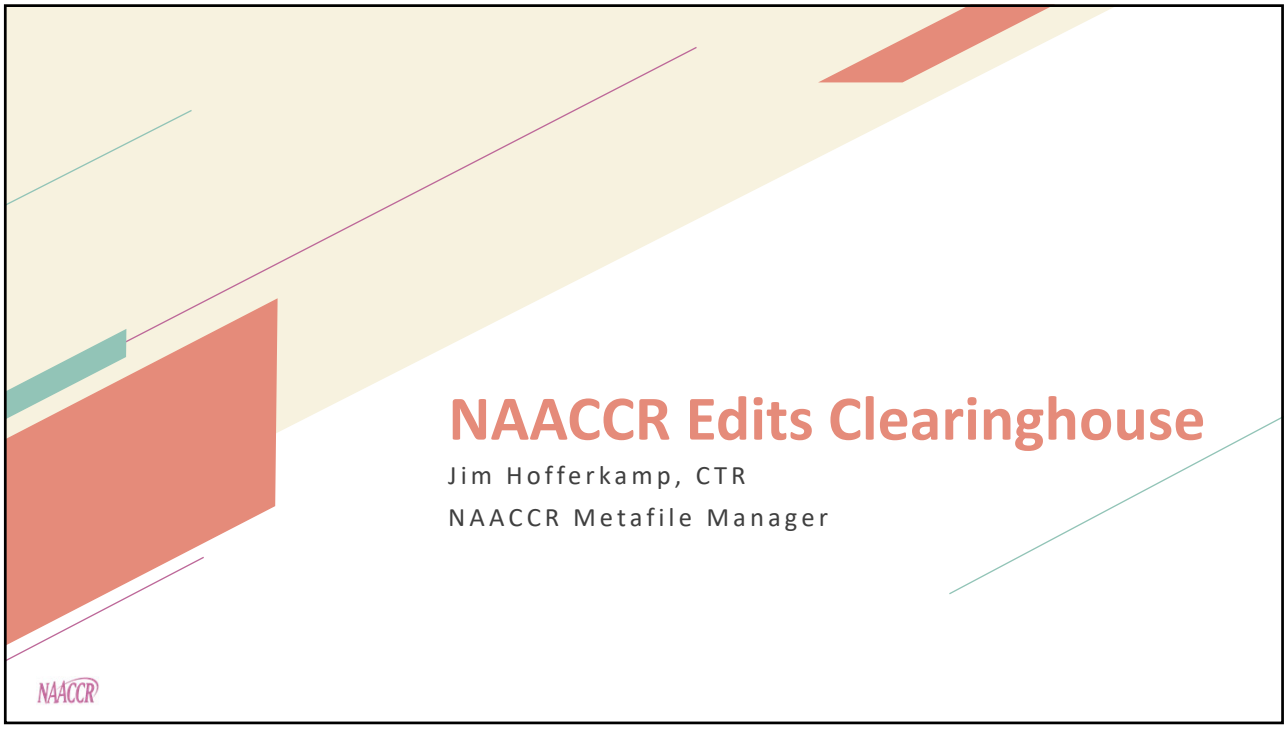
Developing a V22B Metafile:Importing Custom Objects
Matt Mayfield, MS, CTR
NPCR EDITS Coordinator
cancerinformatics@cdc.gov
Informatics, Data Science, and Applications Team (IDSAT)
NAACCR
17

17


NAACCR Edits Clearinghouse
Jim Hofferkamp, CTR
NAACCR Metafile Manager
NAACCR

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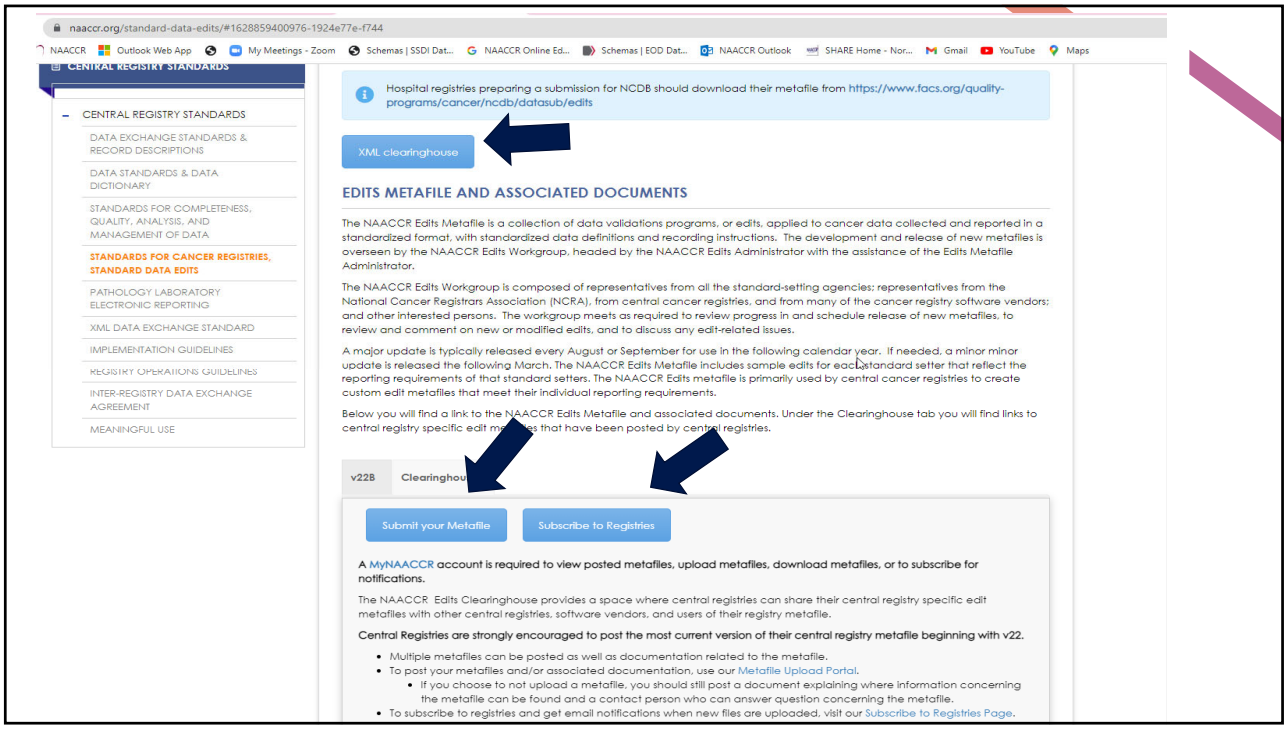
naaccr.org/standard-data-edits/#1628859400976-1924e77e-f744
CENTRAL REGISTRY STANDARDS
DATA EXCHANGE STANDARDS & RECORD DESCRIPTIONS
DATA STANDARDS & DATA DICTIONARY
STANDARDS FOR COMPLETENESS, QUALITY, ANALYSIS, AND MANAGEMENT OF DATA
STANDARDS FOR CANCER REGISTRIES, STANDARD DATA EDITS
PATHOLOGY LABORATORY ELECTRONIC REPORTING
XML DATA EXCHANGE STANDARD
IMPLEMENTATION GUIDELINES
REGISTRY OPERATIONS GUIDELINES
INTER-REGISTRY DATA EXCHANGE AGREEMENT
MEANINGFUL USE
Hospital registries preparing a submission for NCDB should download their metafile from https://www.facs.org/quality-programs/cancer/ncdb/datasub/edits
XML clearinghouse
EDITS METAFILE AND ASSOCIATED DOCUMENTS
The NAACCR Edits Metafile is a collection of data validations programs, or edits, applied to cancer data collected and reported in a standardized format, with standardized data definitions and recording instructions. The development and release of new metafiles is overseen by the NAACCR Edits Workgroup, headed by the NAACCR Edits Administrator with the assistance of the Edits Metafile Administrator.
The NAACCR Edits Workgroup is composed of representatives from all the standard-setting agencies; representatives from the National Cancer Registrars Association (NCRA), from central cancer registries, and from many of the cancer registry software vendors; and other interested persons. The workgroup meets as required to review progress in and schedule release of new metafiles, to review and comment on new or modified edits, and to discuss any edit-related issues.
A major update is typically released every August or September for use in the following calendar year. If needed, a minor minor update is released the following March. The NAACCR Edits Metafile includes sample edits for each standard setter that reflect the reporting requirements of that standard setters. The NAACCR Edits metafile is primarily used by central cancer registries to create custom edit metafiles that meet their individual reporting requirements.
Below you will find a link to the NAACCR Edits Metafile and associated documents. Under the Clearinghouse tab you will find links to central registry specific edit metafiles that have been posted by central registries.
v22B
Clearinghou
Submit your Metafile
Subscribe to Registries
A MyNAACCR account is required to view posted metafiles, upload metafiles, download metafiles, or to subscribe for notifications.
The NAACCR Edits Clearinghouse provides a space where central registries can share their central registry specific edit metafiles with other central registries, software vendors, and users of their registry metafile.
Central Registries are strongly encouraged to post the most current version of their central registry metafile beginning with v22.
Multiple metafiles can be posted as well as documentation related to the metafile.
To post your metafiles and/or associated documentation, use our Metafile Upload Portal.
If you choose to not upload a metafile, you should still post a document explaining where information concerning the metafile can be found and a contact person who can answer question concerning the metafile.
To subscribe to registries and get email notifications when new files are uploaded, visit our Subscribe to Registries Page.

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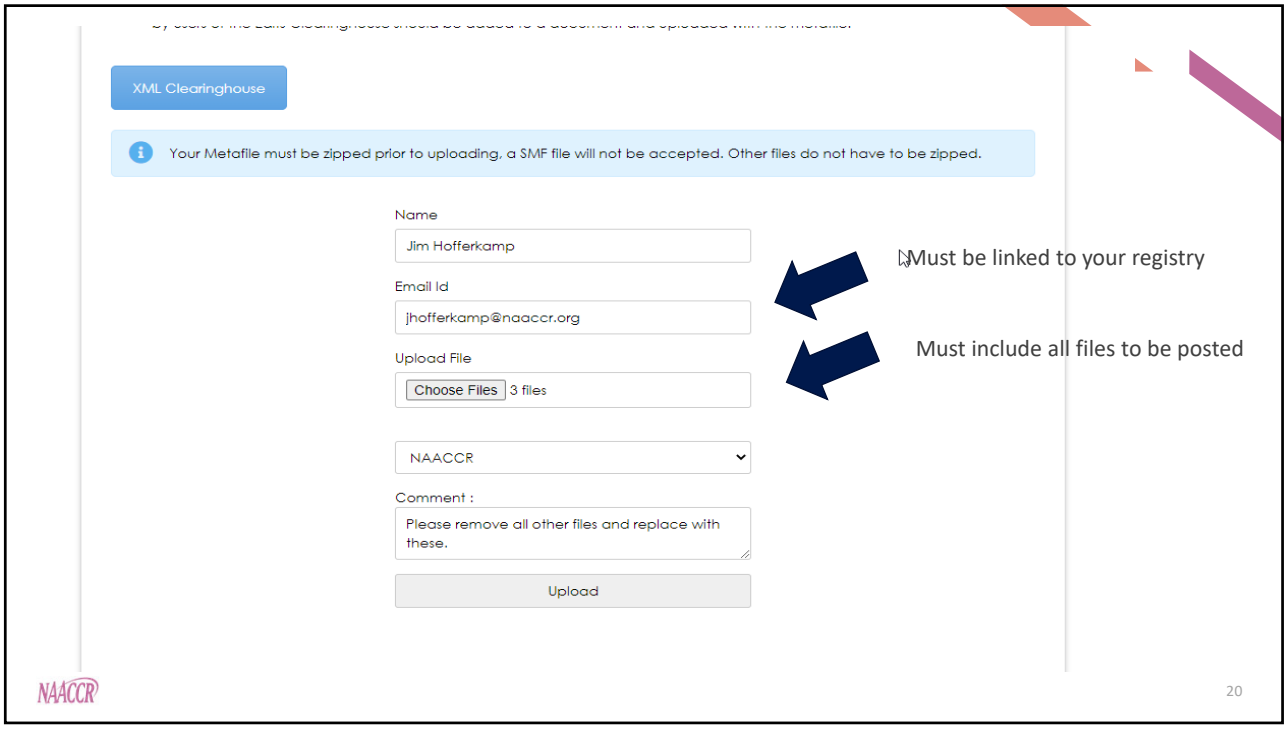
XML Clearinghouse
Your Metafile must be zipped prior to uploading, a SMF file will not be accepted. Other files do not have to be zipped.
Name
Jim Hofferkamp
Email Id
jhofferkamp@naaccr.org
Upload File
Choose Files 3 files
NAACCR
Comment :
Please remove all other files and replace with these.
Upload
Must be linked to your registry
Must include all files to be posted
NAACCR
20

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## Confirmation Email

Hello Tyler,
**Name: Barbara Evans**

**Email Id:** bevans@salud.unm.edu

View and approve file

Registry Name : New mexico tumor registry

Attachments : NM_NAACCR_v22A_20220301_XML_layout.7z

Regards,
NAACCR Team

NAACCR

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Welcome to the NAACCR Edits Clearinghouse Notification Subscription Page!

To receive email notifications when new files are uploaded, simply fill out the form below.

- Select all registries you wish to receive email updates for.
- When a registry you are subscribed to uploads a new file you will receive an email notification.

Subscriptions are open to central registry staff, software vendors, hospital registrars, or anyone else interested in being notified when a central registry posts a new edits metafile.

**SUBSCRIBE TO RECEIVE EMAIL NOTIFICATIONS**

Select Registry Name: Alabama Statewide Cancer Registry; Alaska Cancer Registry; Alaska-SEER Alaska Native Tumor Registry

Email Address: jhofferkamp@naaccr.org

SUBSCRIBE

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## Edits Clearinghouse

| Sr No | Registry Name | Uploaded Files | Upload Date & Time | Name |
|---|---|---|---|---|
| 1 | Alabama statewide cancer registry | Edits Metafile | 2022-02-01 15:22:36 | Farzana Salimi |
| 2 | Alaska cancer registry | Edits Metafile | 2021-09-24 09:57:25 | David O'Brien |
| 3 | Arizona cancer registry | Instructions | 2021-09-28 14:29:17 | Keith Laubham |
| 4 | Arkansas central cancer registry | Edits Metafile \| Instructions | 2021-09-27 09:46:04 | Chris Fisher |
| 5 | California cancer registry | Edits Metafile | 2022-01-10 16:29:46 | Scott Wood |
| 6 | Colorado central cancer registry | Edits Metafile \| Instructions | 2021-10-01 11:40:30 | Valerie Somma |
| 7 | Colorado central cancer registry | Edits Metafile | 2021-10-22 17:17:08 | Valerie Somma |
| 8 | District of columbia cancer registry (dccr) | Edits Metafile | 2021-12-08 11:49:59 | Alfreda Woods, BS, CHES, CTR |

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## Questions?

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North American Association of
Central Cancer Registries
Thank you!
• jhofferkamp@naaccr.org
NAACCR

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Cancer Prevention Works

# Developing a V22B Metafile: Importing Custom Objects

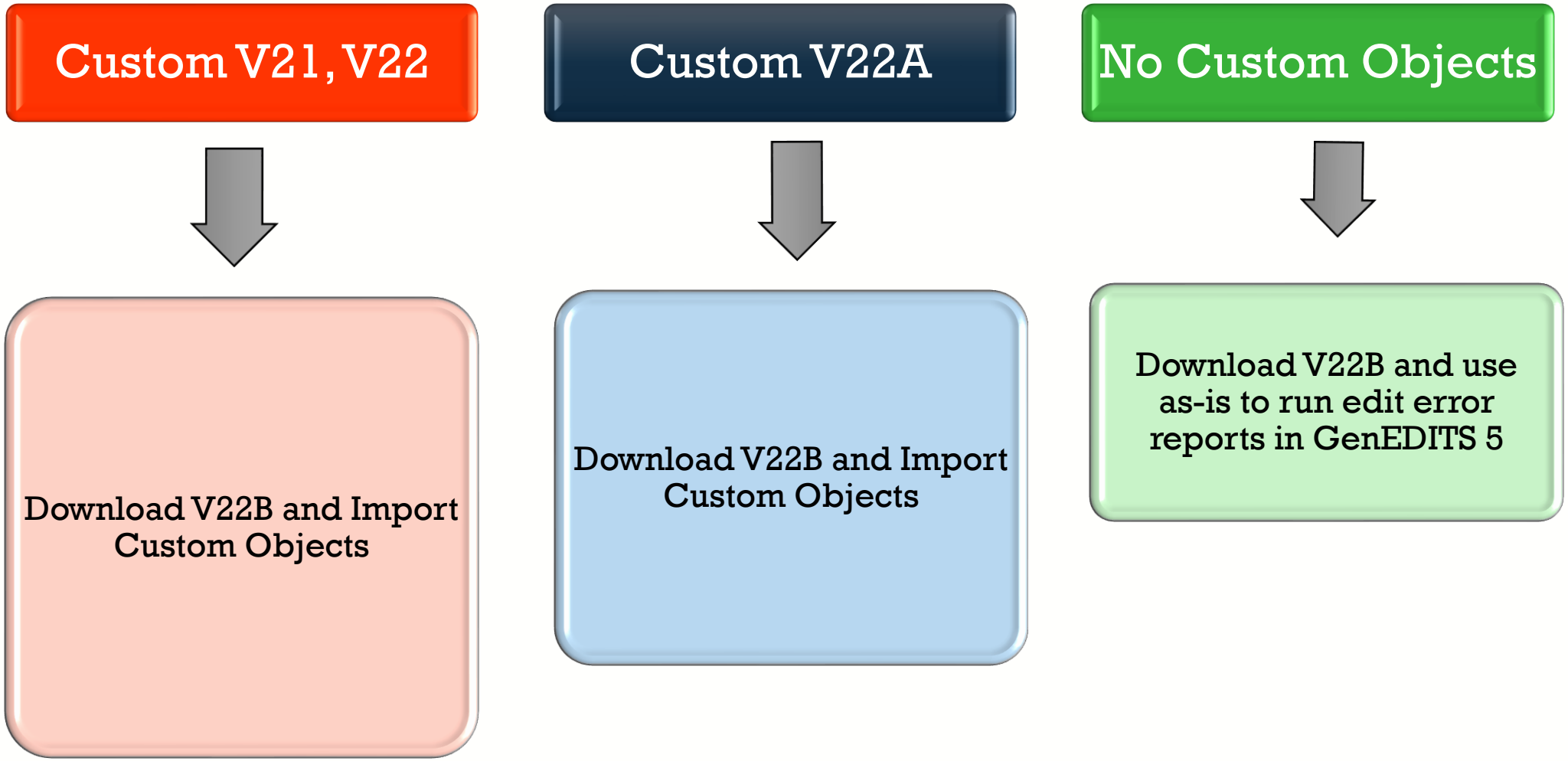
**Matt Mayfield, MS, CTR**

**NPCR EDITS Coordinator**

cancerinformatics@cdc.gov

Informatics, Data Science, and Applications Team (IDSAT)
Cancer Surveillance Branch
Division of Cancer Prevention and Control
NCRA

# Overview




https://www.cdc.gov/cancer/npcr/tools/edits/edits50.htm

# Focus of this Presentation

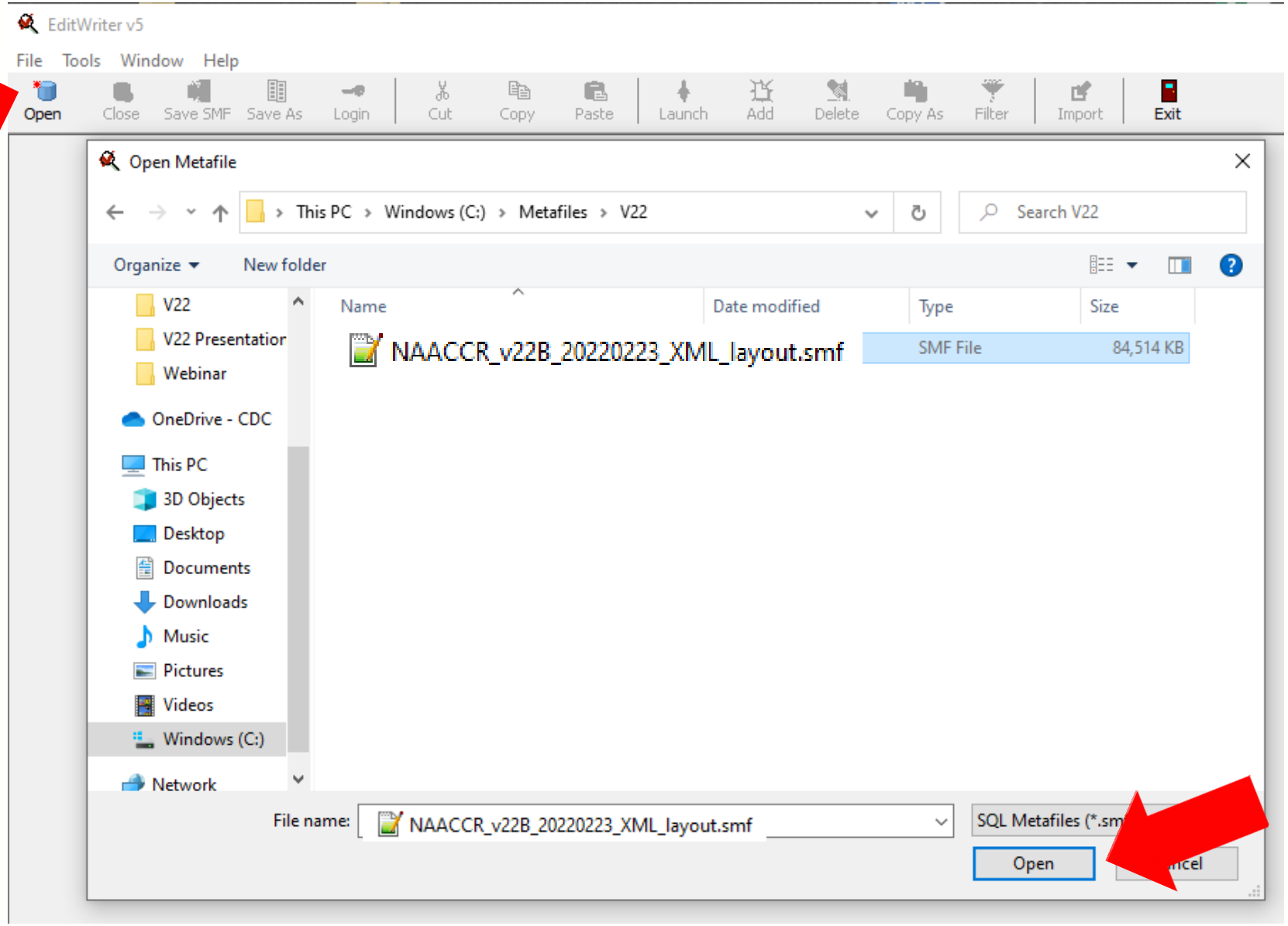
**V22B METAFILE**

- Step-by-step instruction are found in the F1 Help menu within NPCR software
  - Described as Major update in EW5 Help menu
- EditWriter v5: EDITS50 | NPCR | Cancer | CDC
- NAACCR V22B ready to go if you have no customizations

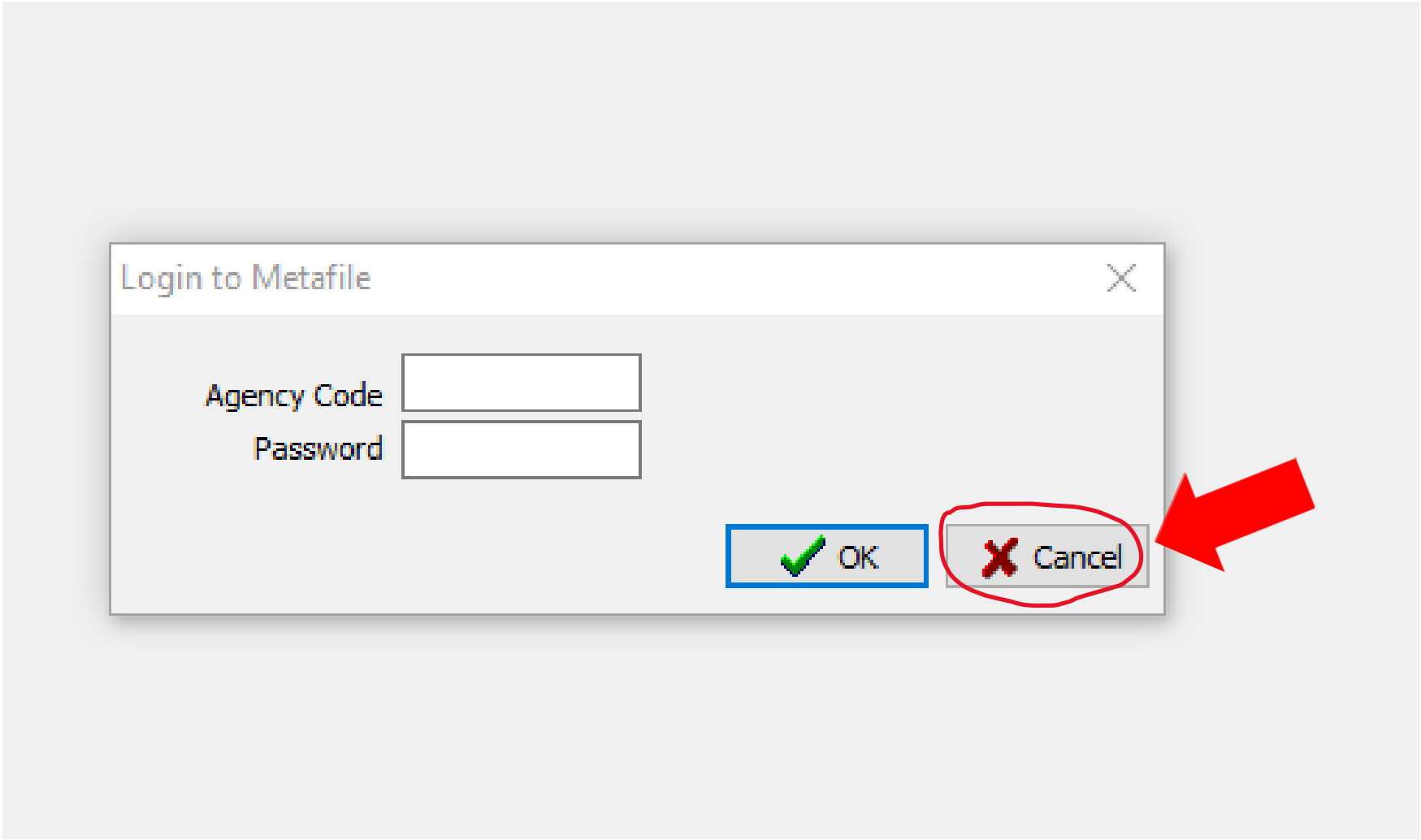
# Resources: Getting Started

- https://www.naaccr.org/standard-data-edits/
- https://www.naaccr.org/data-standards-data-dictionary/
- https://www.naaccr.org/xml-data-exchange-standard
- https://www.cdc.gov/cancer/npcr/tools/edits/edits50.htm
- https://www.cdc.gov/cancer/npcr/tools/registryplus/index.htm

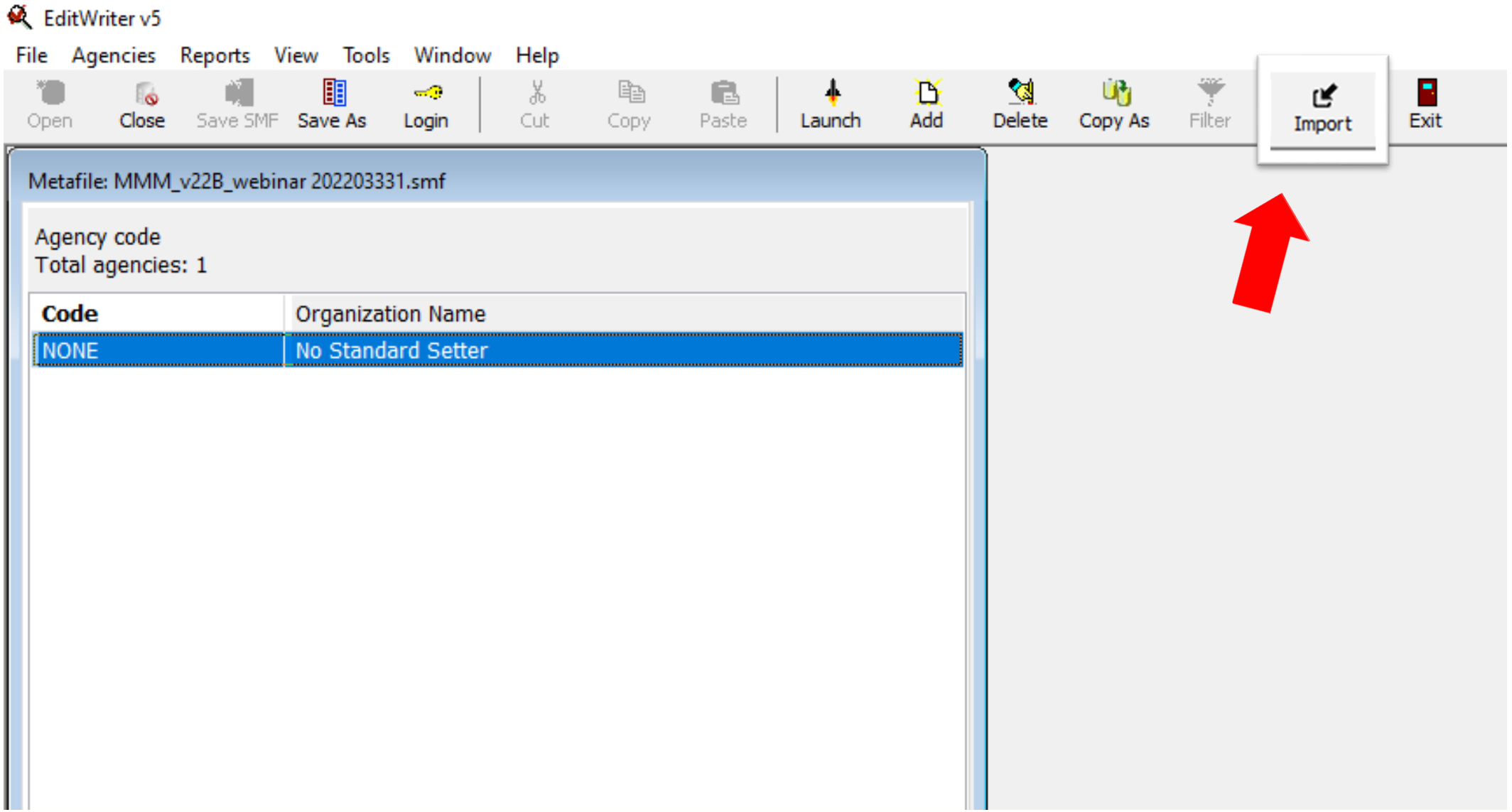
# IMPORTING OBJECTS


EditWriter v5
File Tools Window Help
Open Close Save SMF Save As Login Cut Copy Paste Launch Add Delete Copy As Filter Import Exit
Open Metafile
This PC › Windows (C:) › Metafiles › V22
Search V22
Organize New folder
V22
V22 Presentation
Webinar
OneDrive - CDC
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Windows (C:)
Network
Name
Date modified
Type
Size
NAACCR_v22B_20220223_XML_layout.smf
SMF File
84,514 KB
File name: NAACCR_v22B_20220223_XML_layout.smf
SQL Metafiles (*.sm
Open

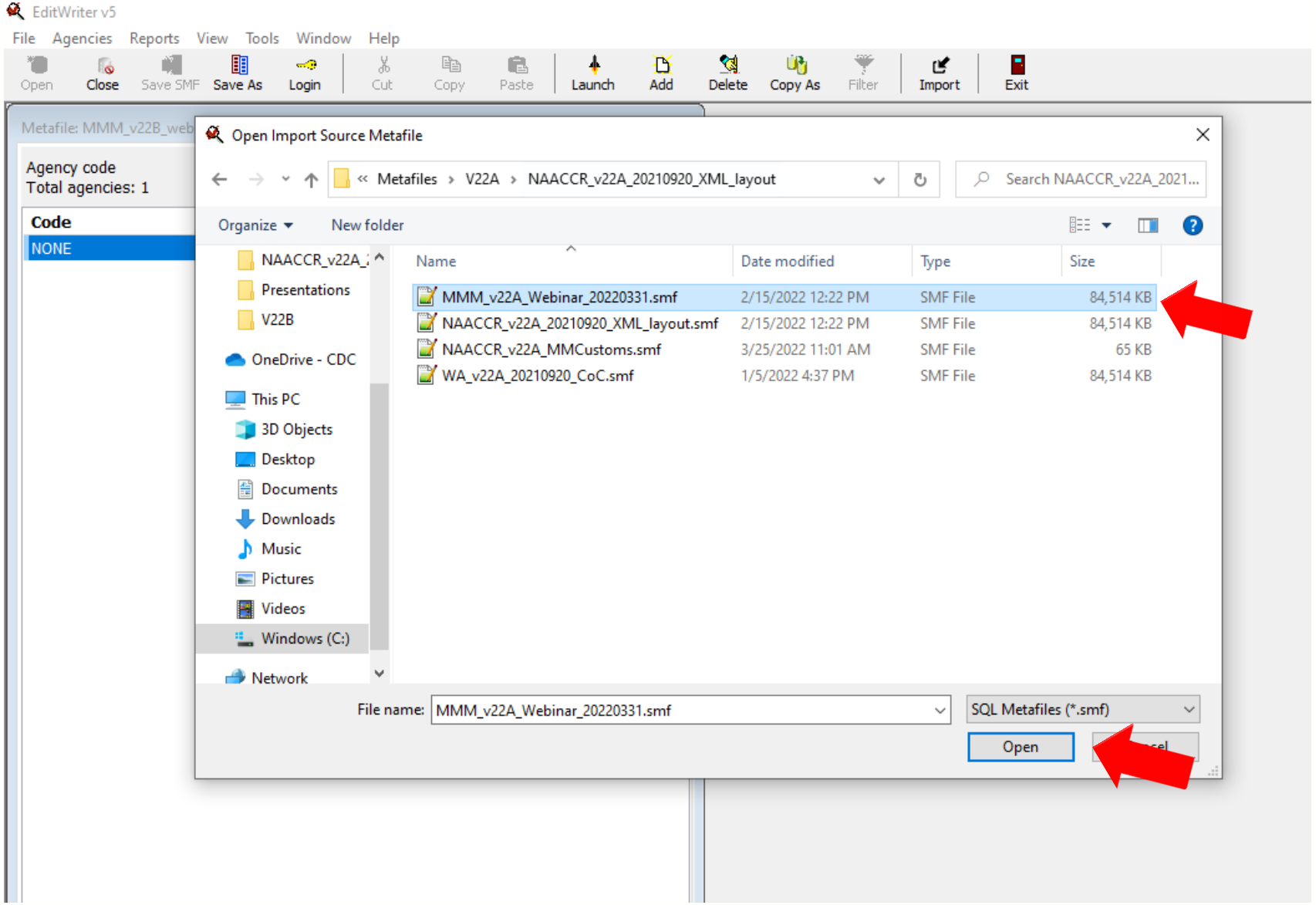
# Select Cancel to enter the V22B Metafile



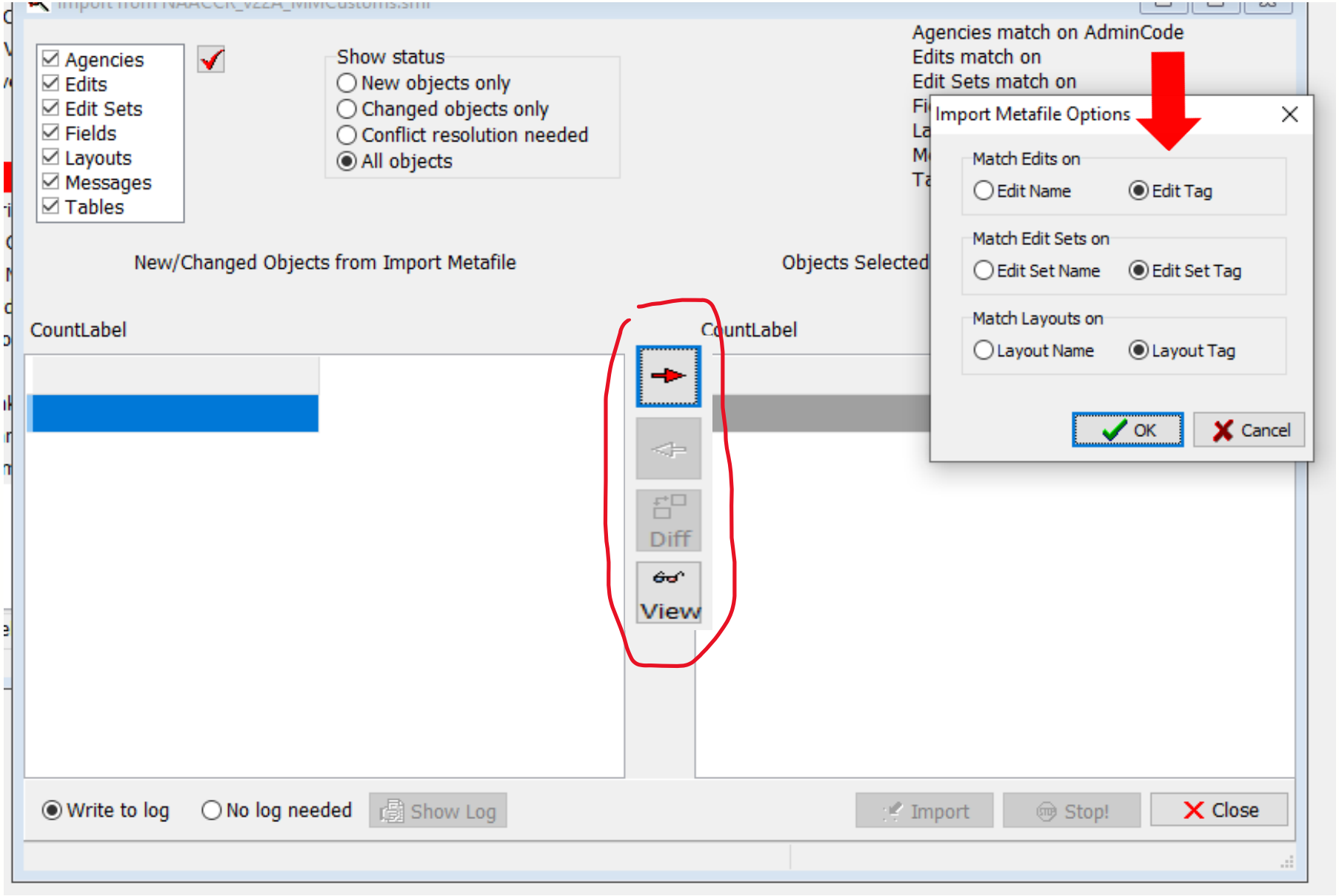
# Select Import



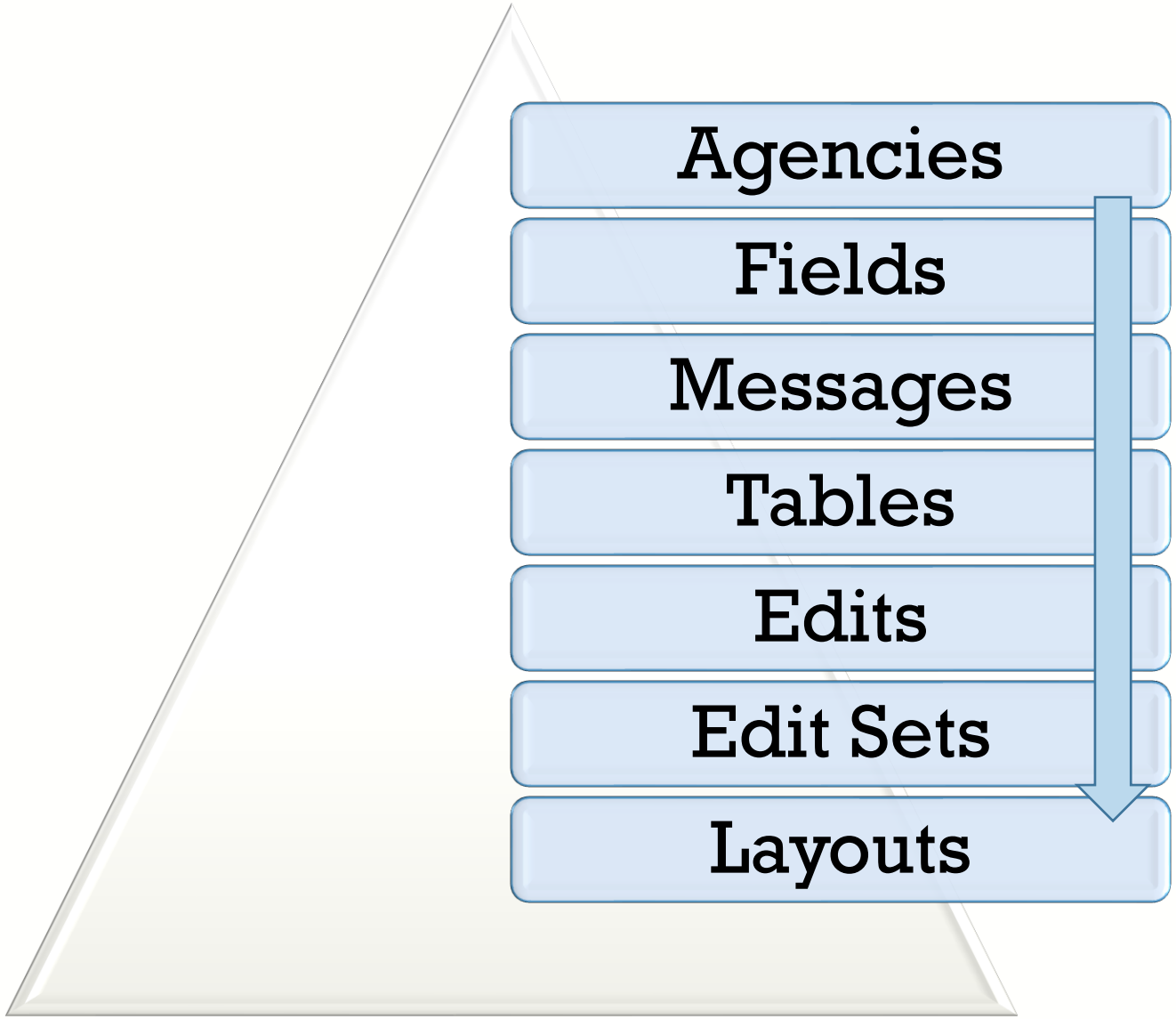
# Browse to your V22A Metafile and Open



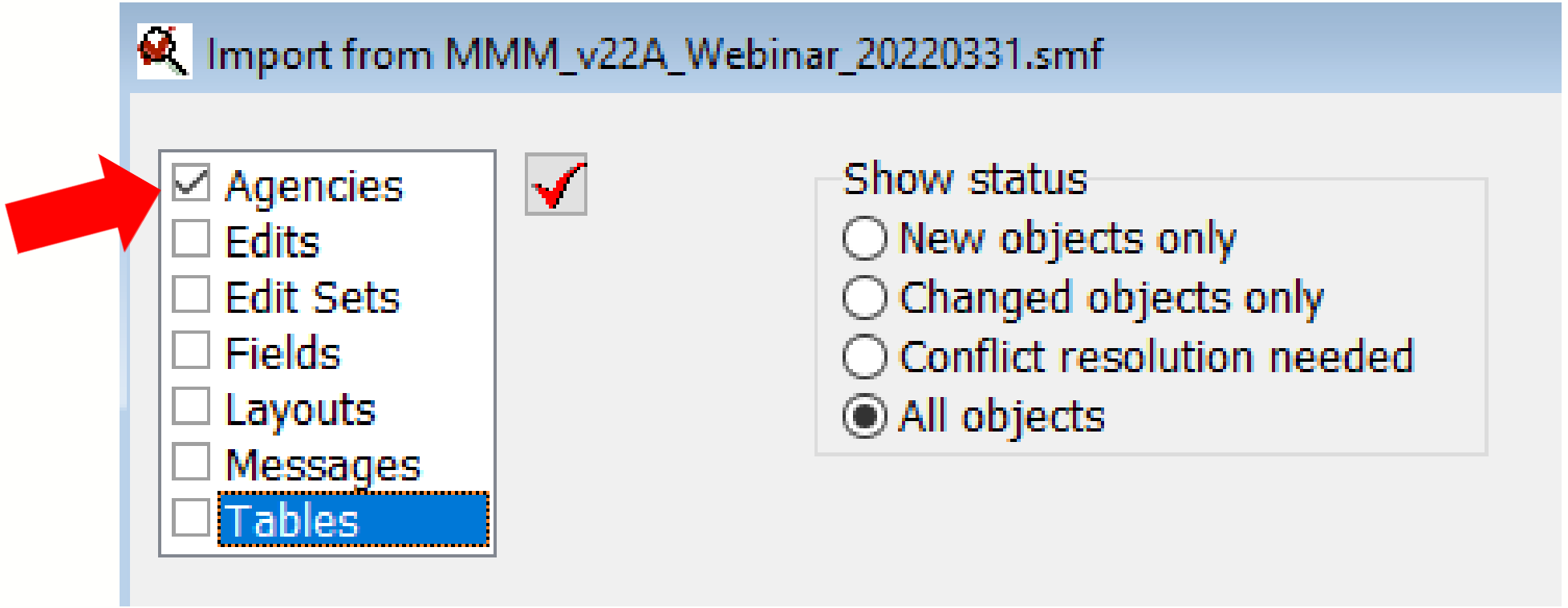
# Import Metafile by Tags



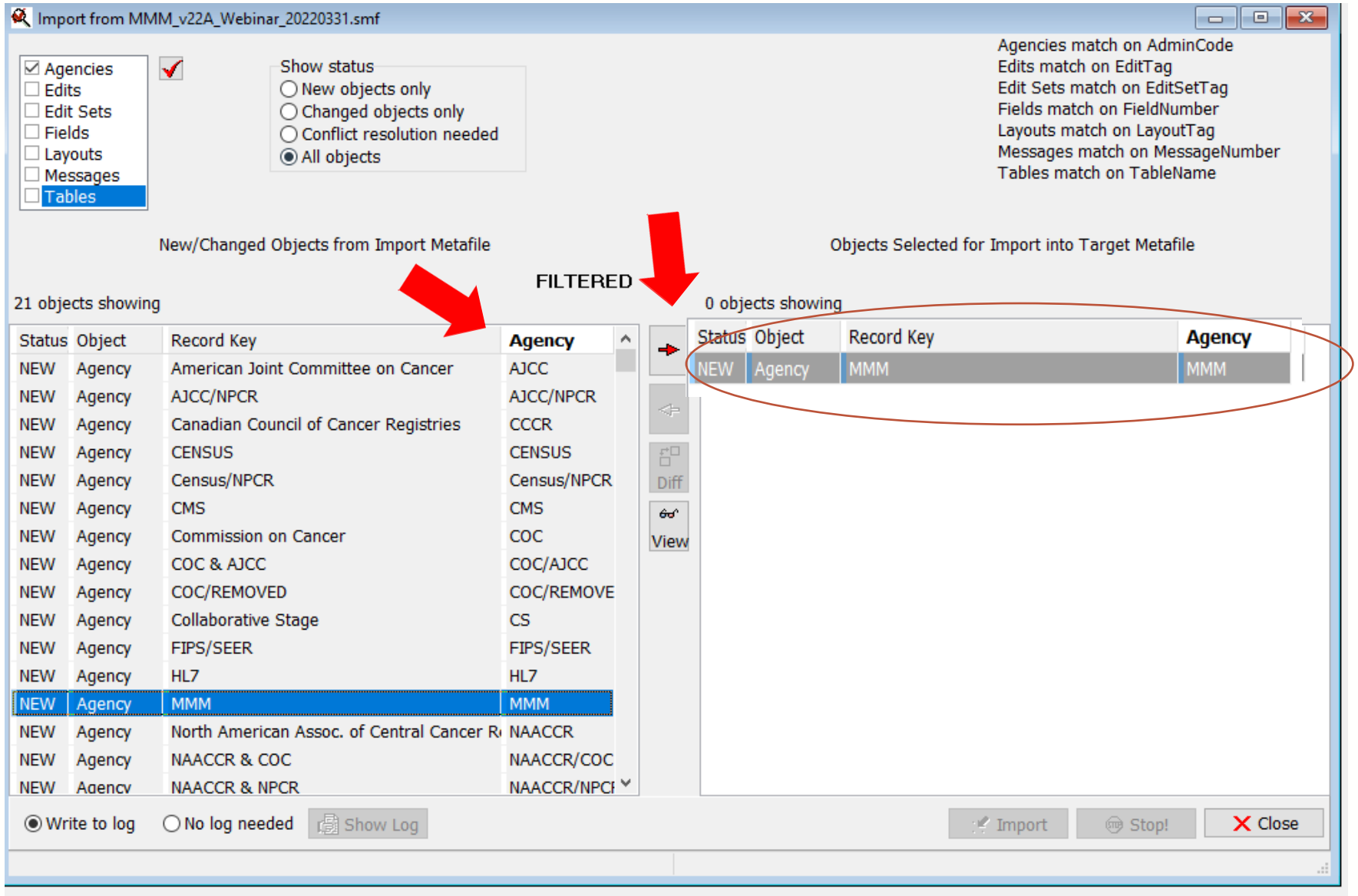
# Import Order



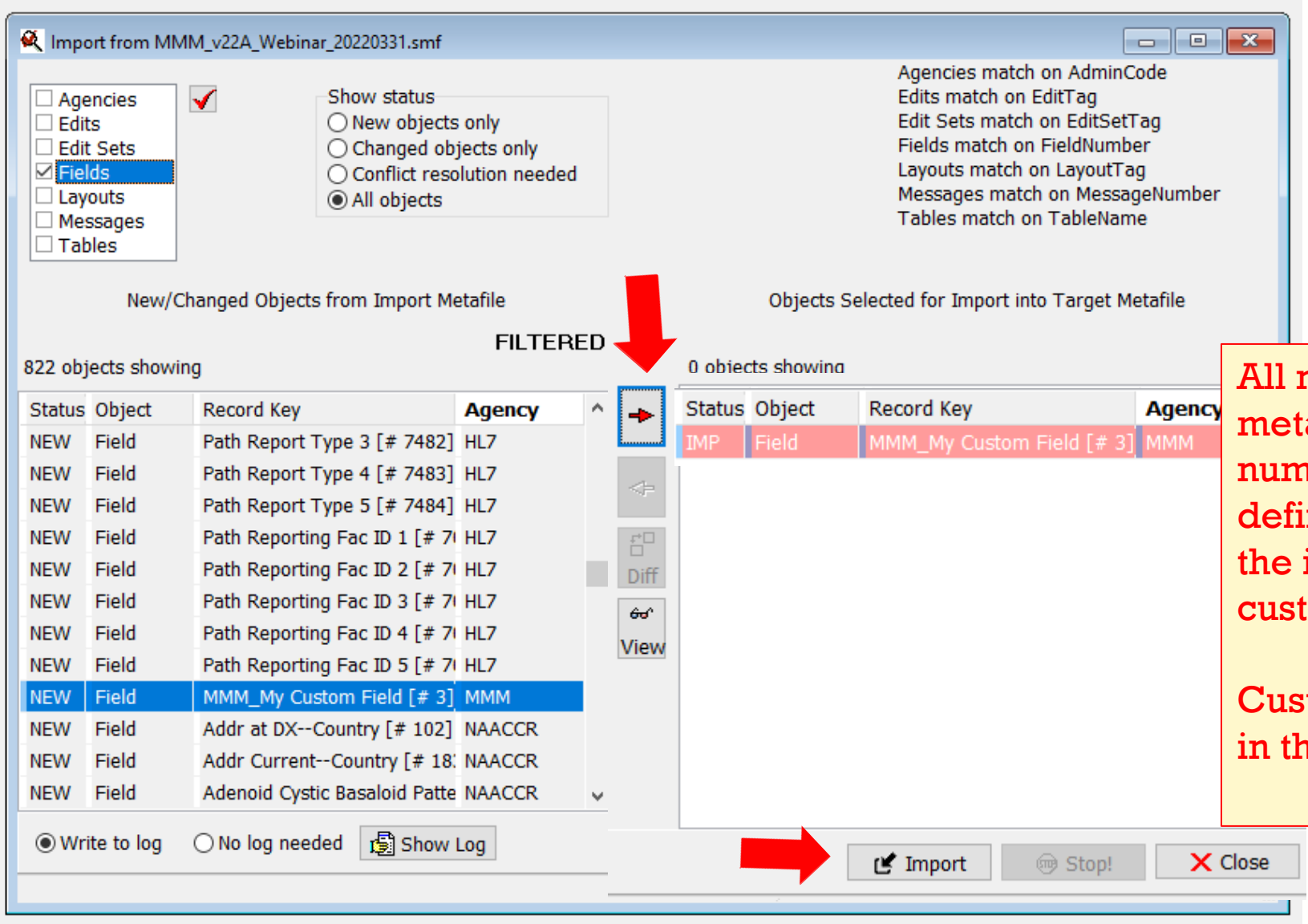
# Importing Agency Code and Password



# Import your Agency



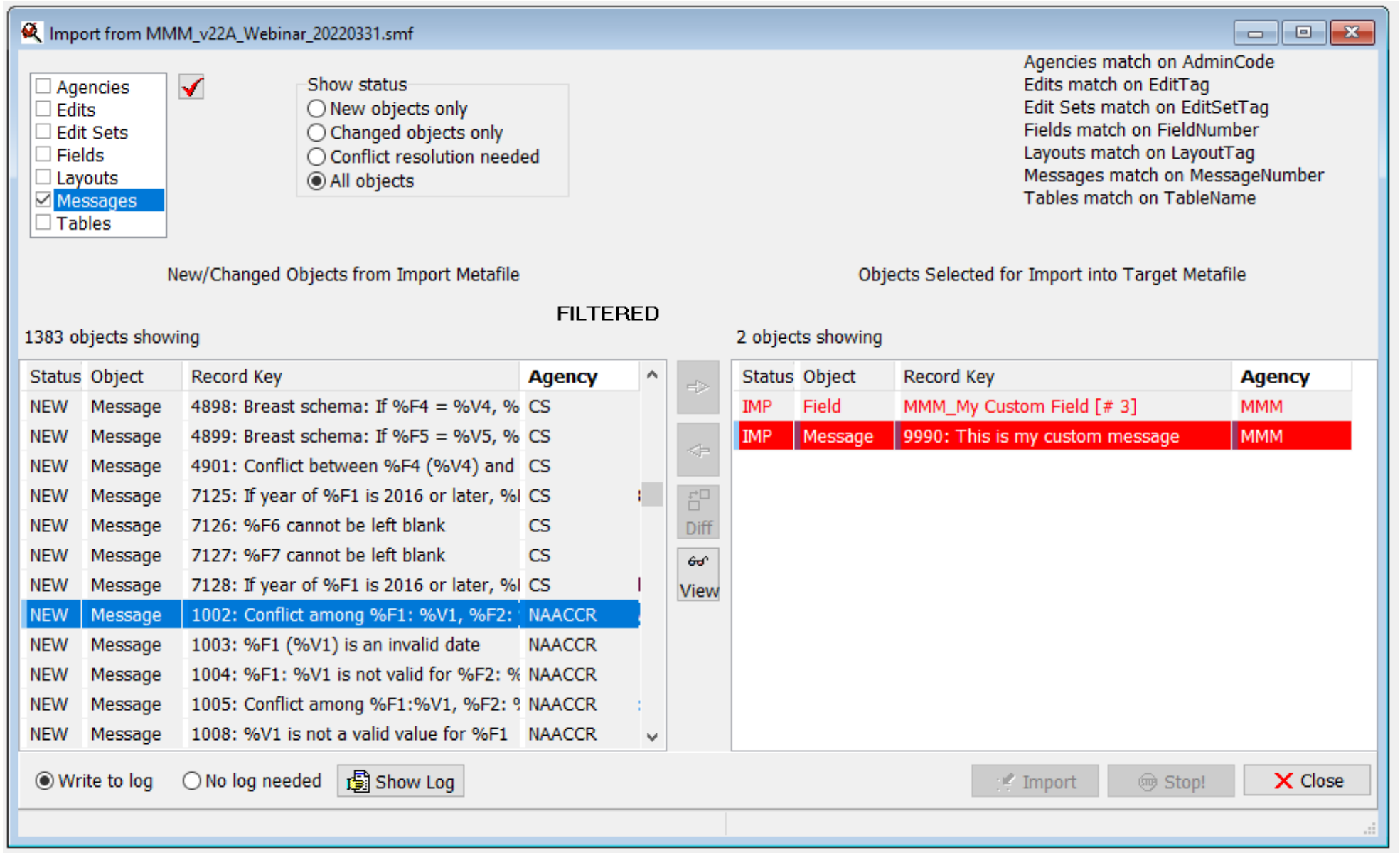
# Importing Custom Fields



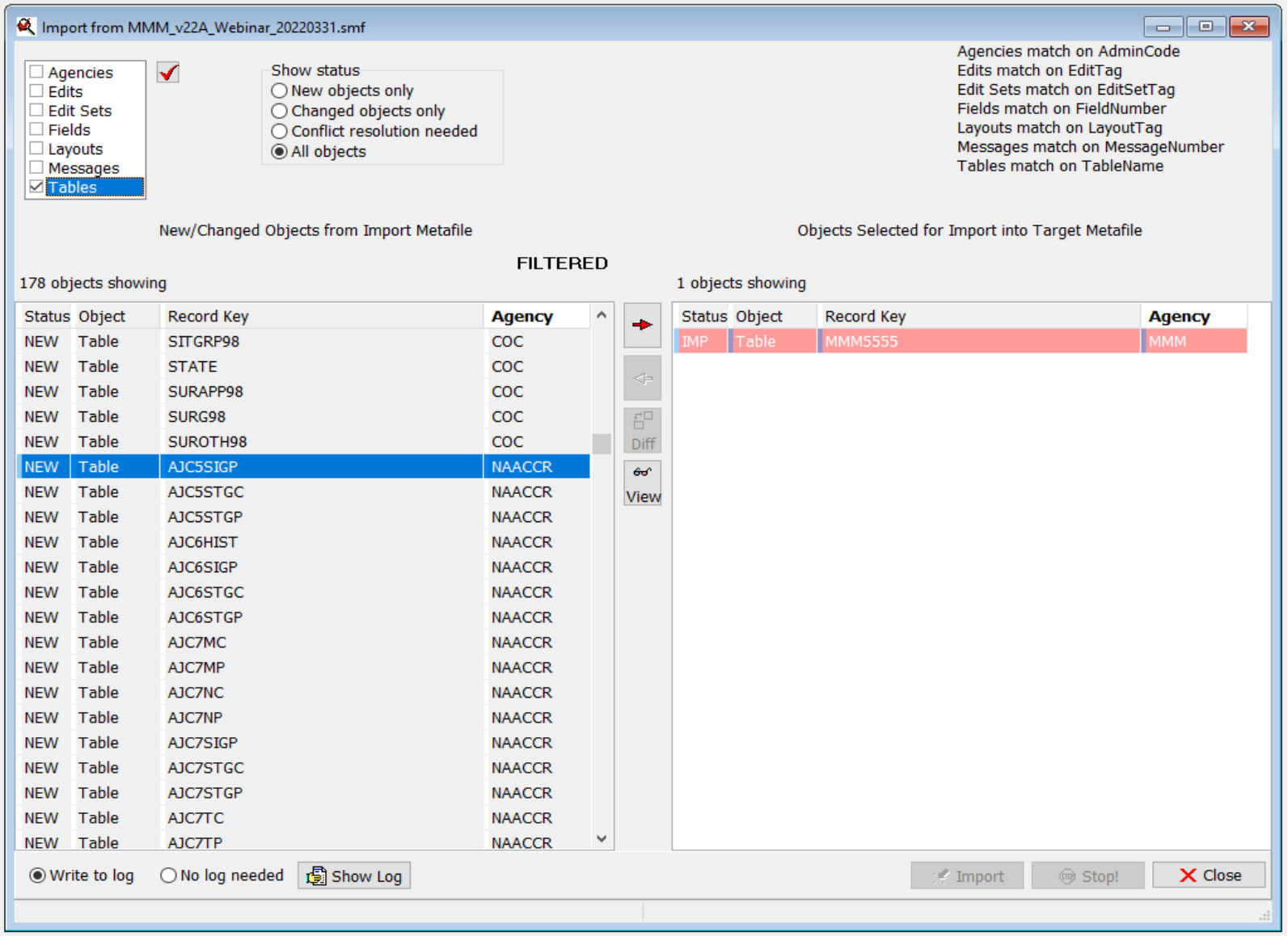

All new custom fields added to the metafile **must** have a custom item number specified within the defined range. The software uses the item number to position your custom fields.

Custom FIELDS must be specified in the metafile.

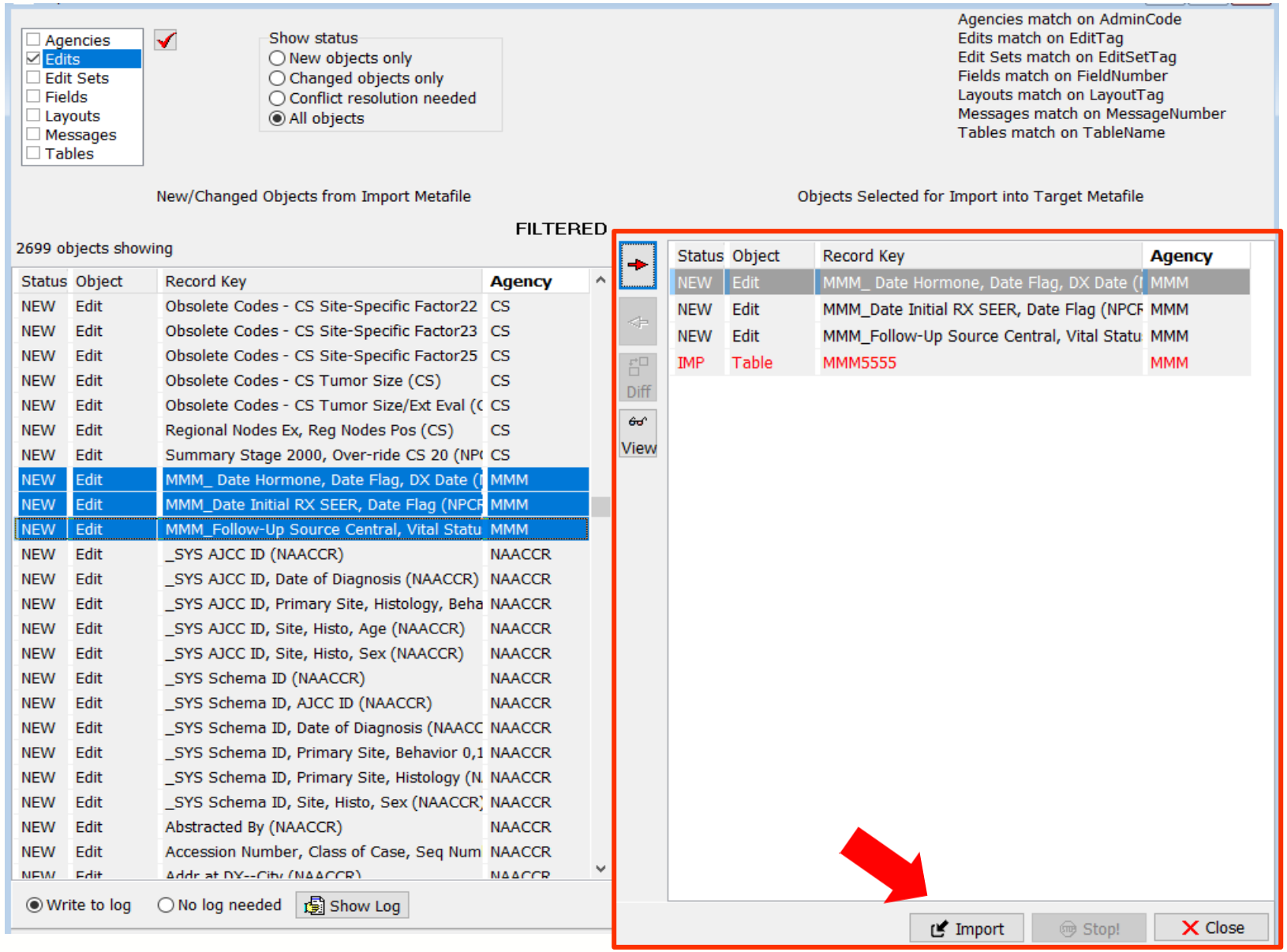
# Importing Custom Messages



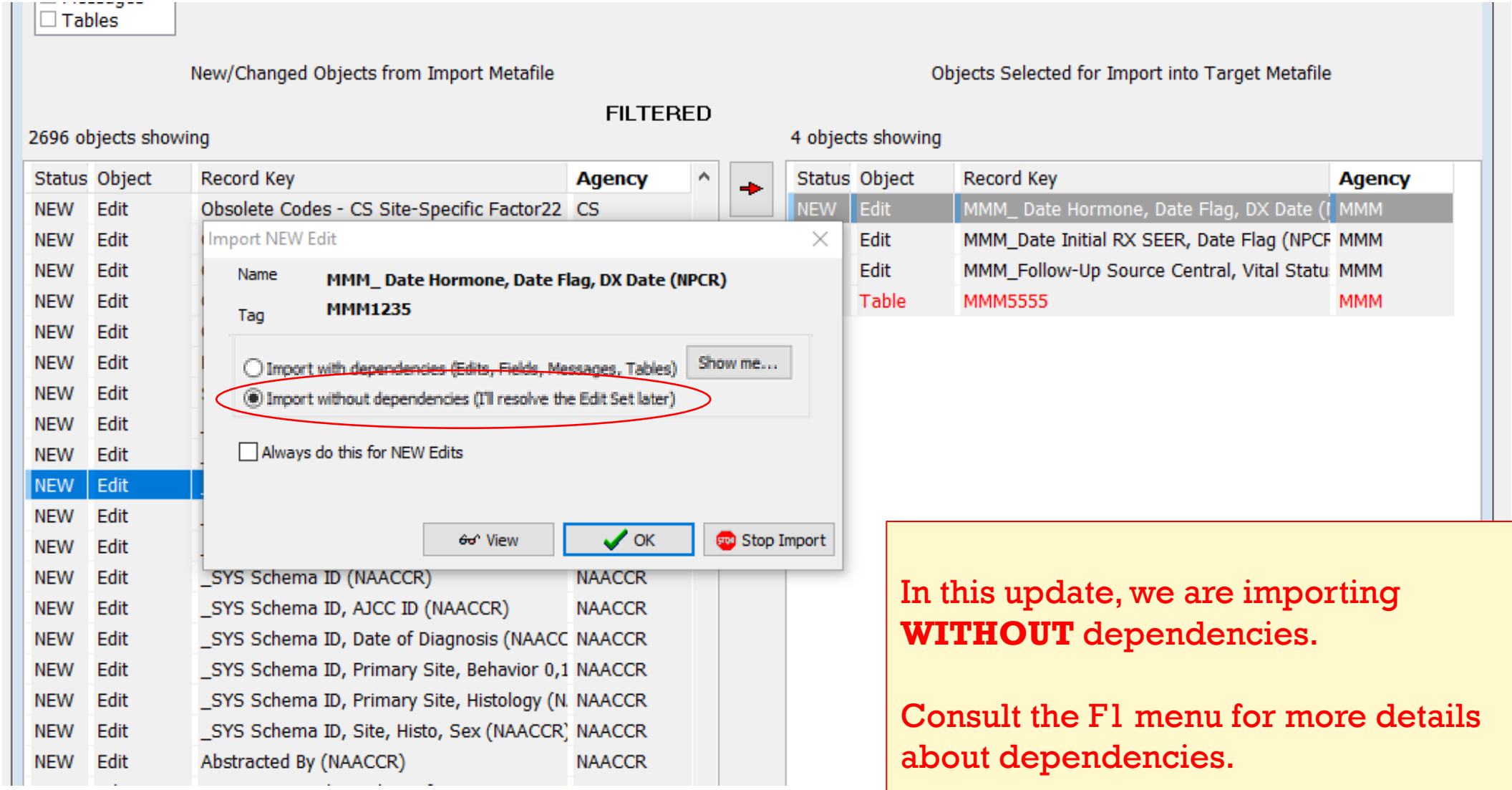
# Importing Custom Tables



# Importing Custom Edits



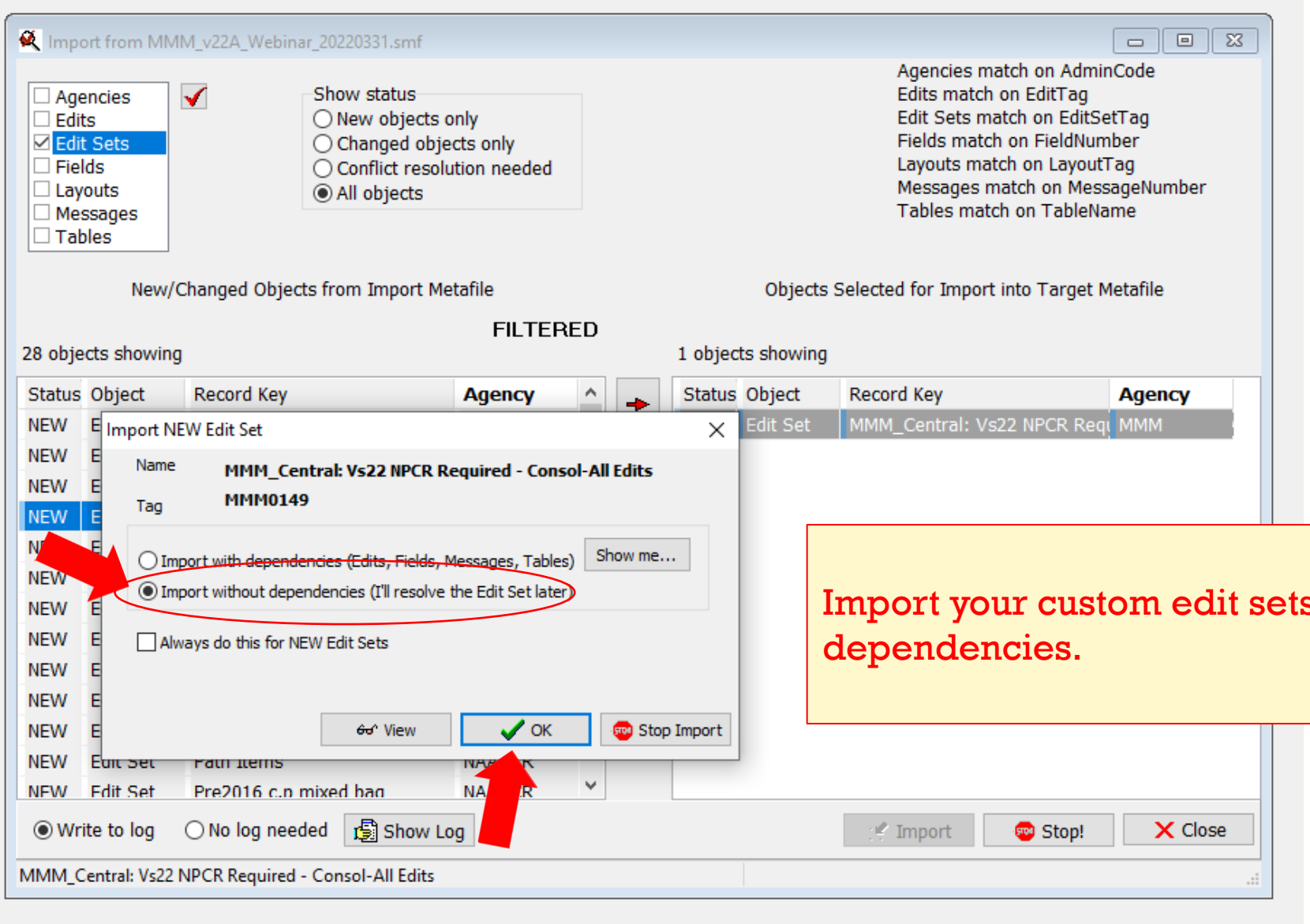
# Importing Custom Edits: Without Dependencies




In this update, we are importing **WITHOUT** dependencies.

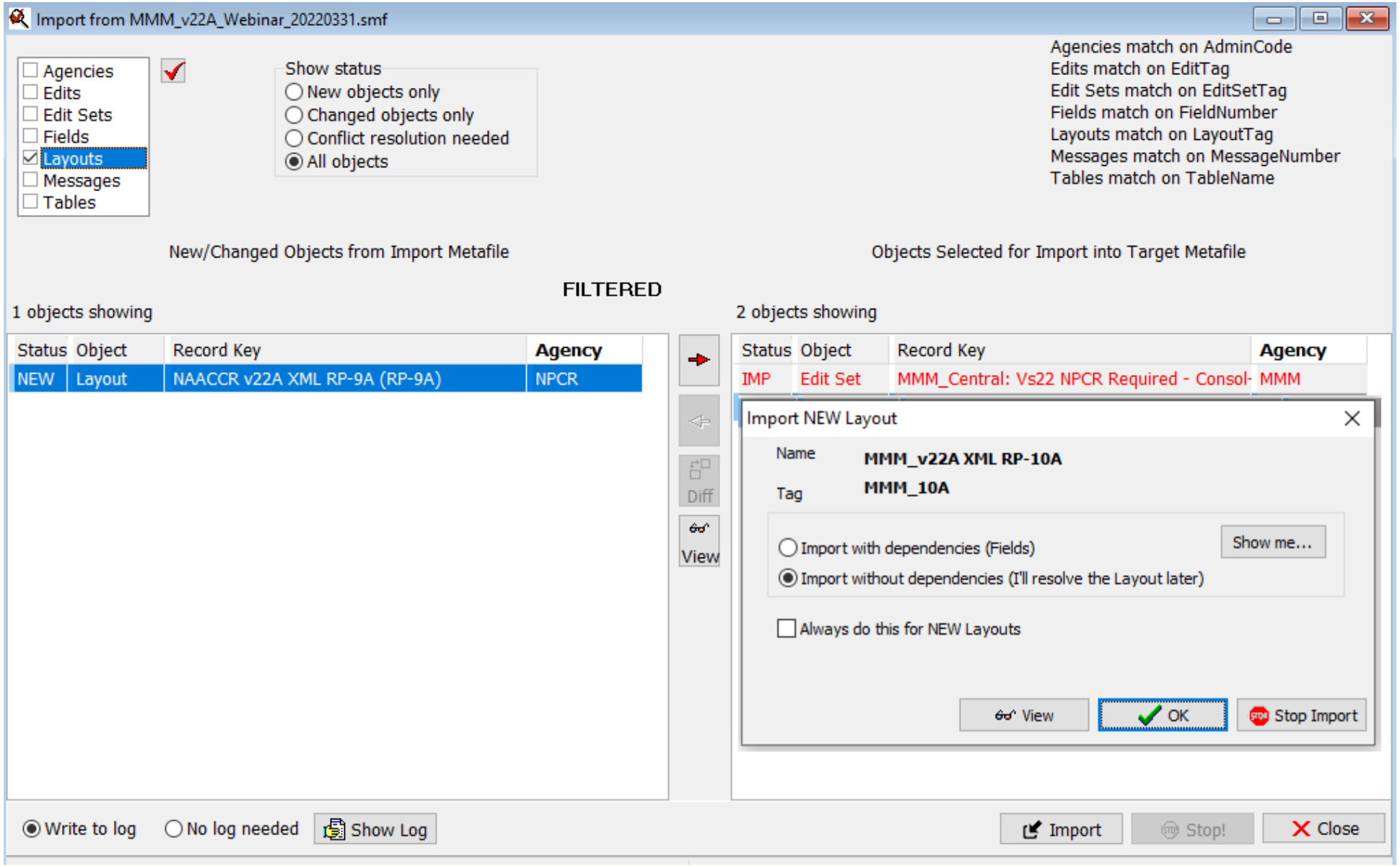
Consult the F1 menu for more details about dependencies.

# Importing Custom Edit Sets: Without Dependencies



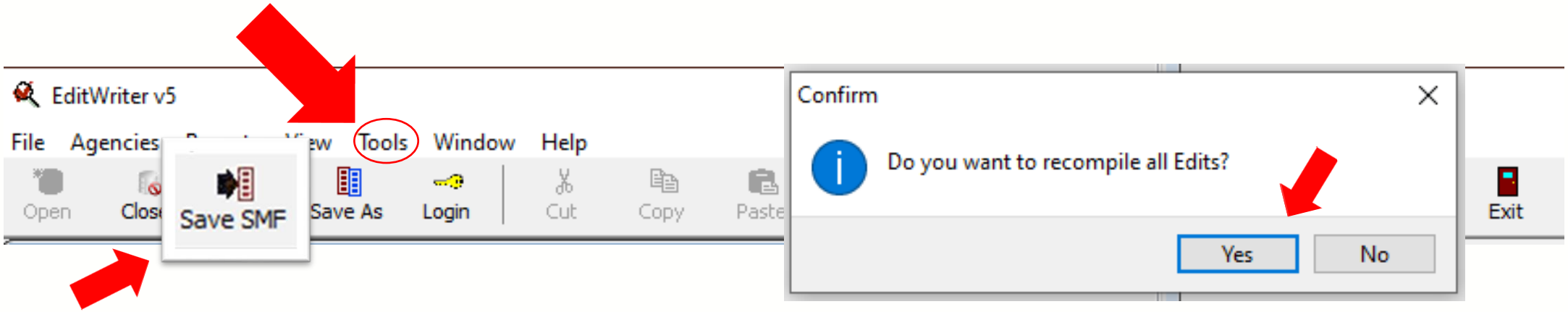

Import your custom edit sets **WITHOUT** dependencies.

# Importing Custom Layouts



# Final Tasks

- **Recompile All Edits** in your metafile under the **Tools** menu before saving SMF
- Within the **Tools** menu, there is also a feature for **Metafile Version and Comment**
  - Documentation is the last metafile task before implementation in central registry software or distribution to reporting facilities
- **SAVE SMF** and rename your custom V22B metafile
  - Ex: MMM_v22B_20220331_XML_layout.smf



# Thank you!

Go to the official federal source of cancer prevention information:

www.cdc.gov/cancer

cancerinformatics@cdc.gov

Cancer Prevention Works

Division of Cancer Prevention and Control

Reliable. Trusted. Scientific.

*The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.*

# NAACCR Edits Clearinghouse

Jim Hofferkamp, CTR
NAACCR Metafile Manager

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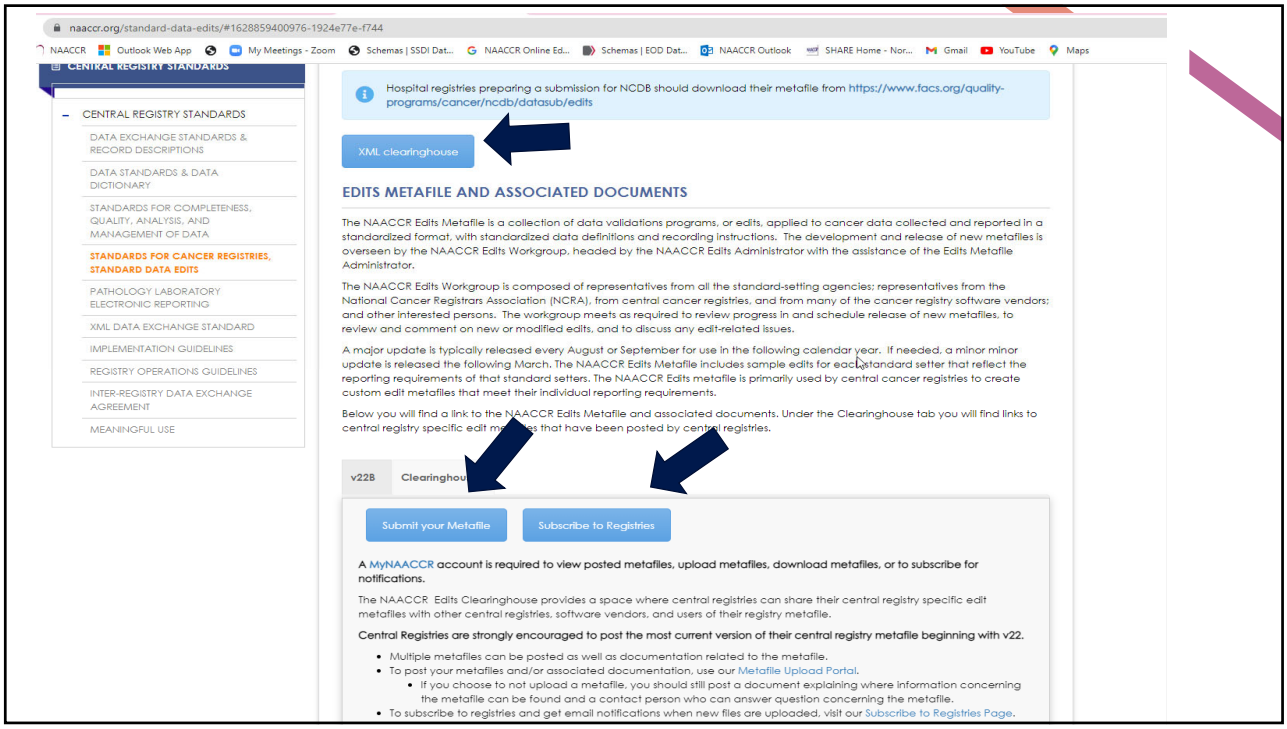
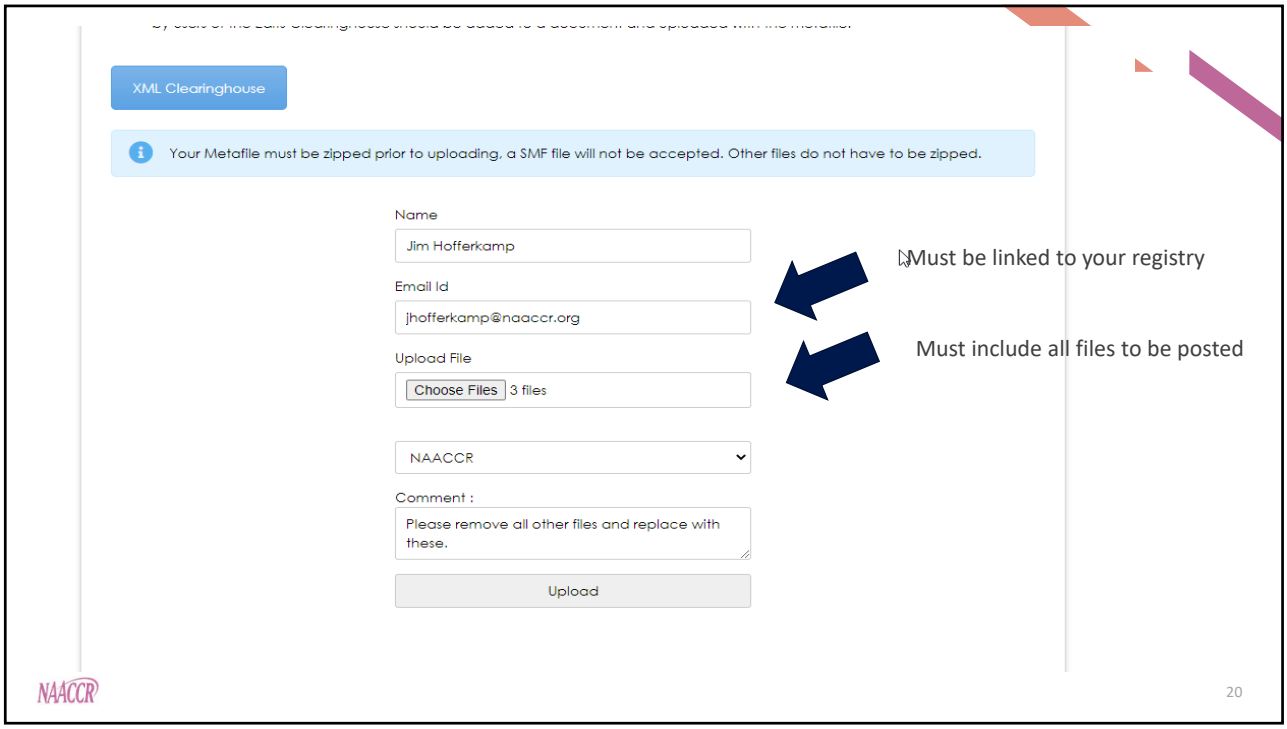



19


XML Clearinghouse
Your Metafile must be zipped prior to uploading, a SMF file will not be accepted. Other files do not have to be zipped.
Name
Jim Hofferkamp
Email Id
jhofferkamp@naaccr.org
Upload File
Choose Files 3 files
NAACCR
Comment :
Please remove all other files and replace with these.
Upload
Must be linked to your registry
Must include all files to be posted
NAACCR
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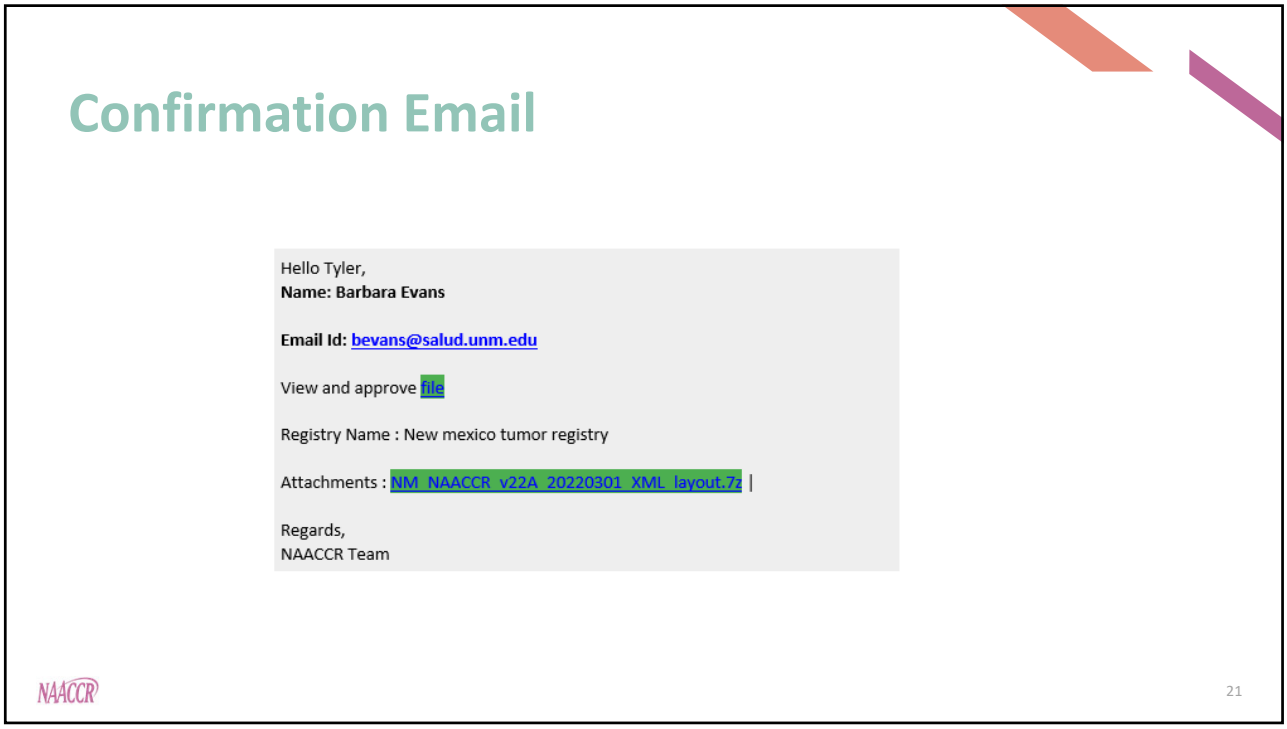
Confirmation Email
Hello Tyler,
Name: Barbara Evans
Email Id: bevans@salud.unm.edu
View and approve file
Registry Name : New mexico tumor registry
Attachments : NM_NAACCR_v22A_20220301_XML_layout.7z
Regards,
NAACCR Team
NAACCR
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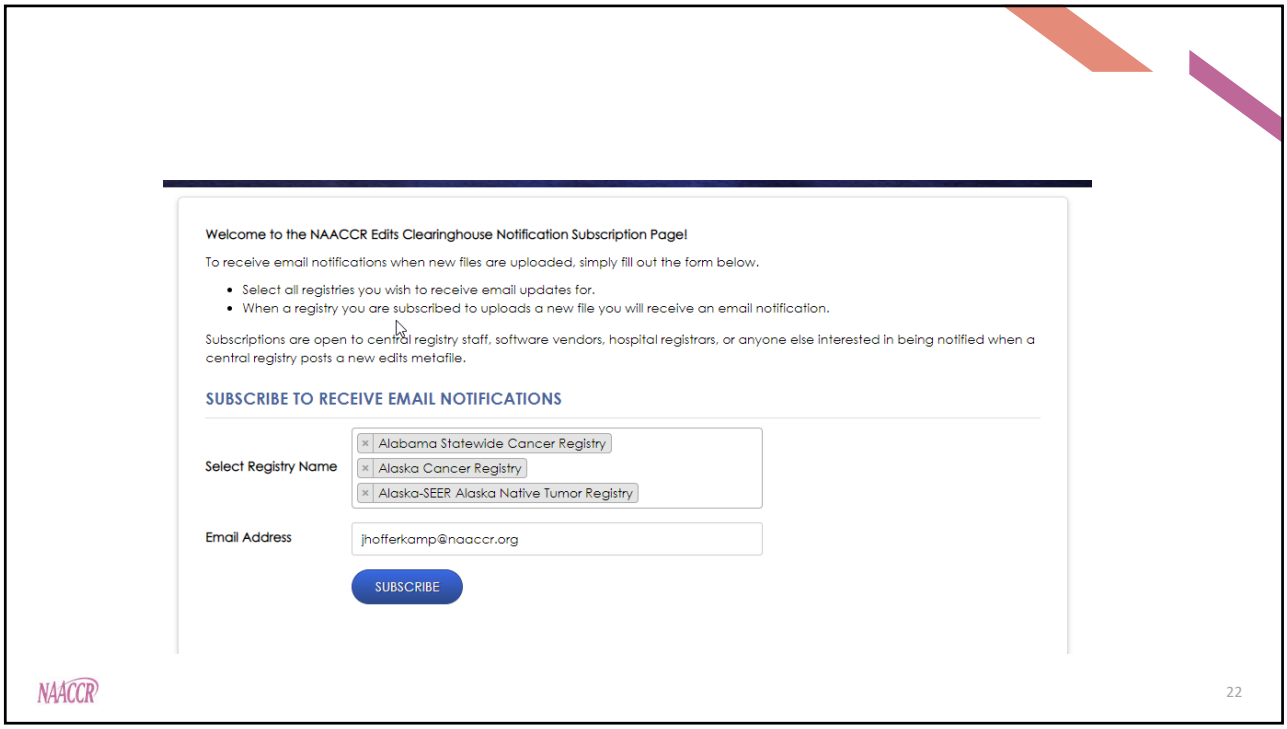
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6 Colorado central cancer registry Edits Metafile | Instructions 2021-10-01 11:40:30 Valerie Somma
7 Colorado central cancer registry Edits Metafile 2021-10-22 17:17:08 Valerie Somma
8 District of columbia cancer registry (dccr) Edits Metafile 2021-12-08 11:49:59 Alfreda Woods, BS, CHES, CTR
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## Questions?

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## Thank you!

- jhofferkamp@naaccr.org

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