Developing a V26 Metafile: Importing Customizations

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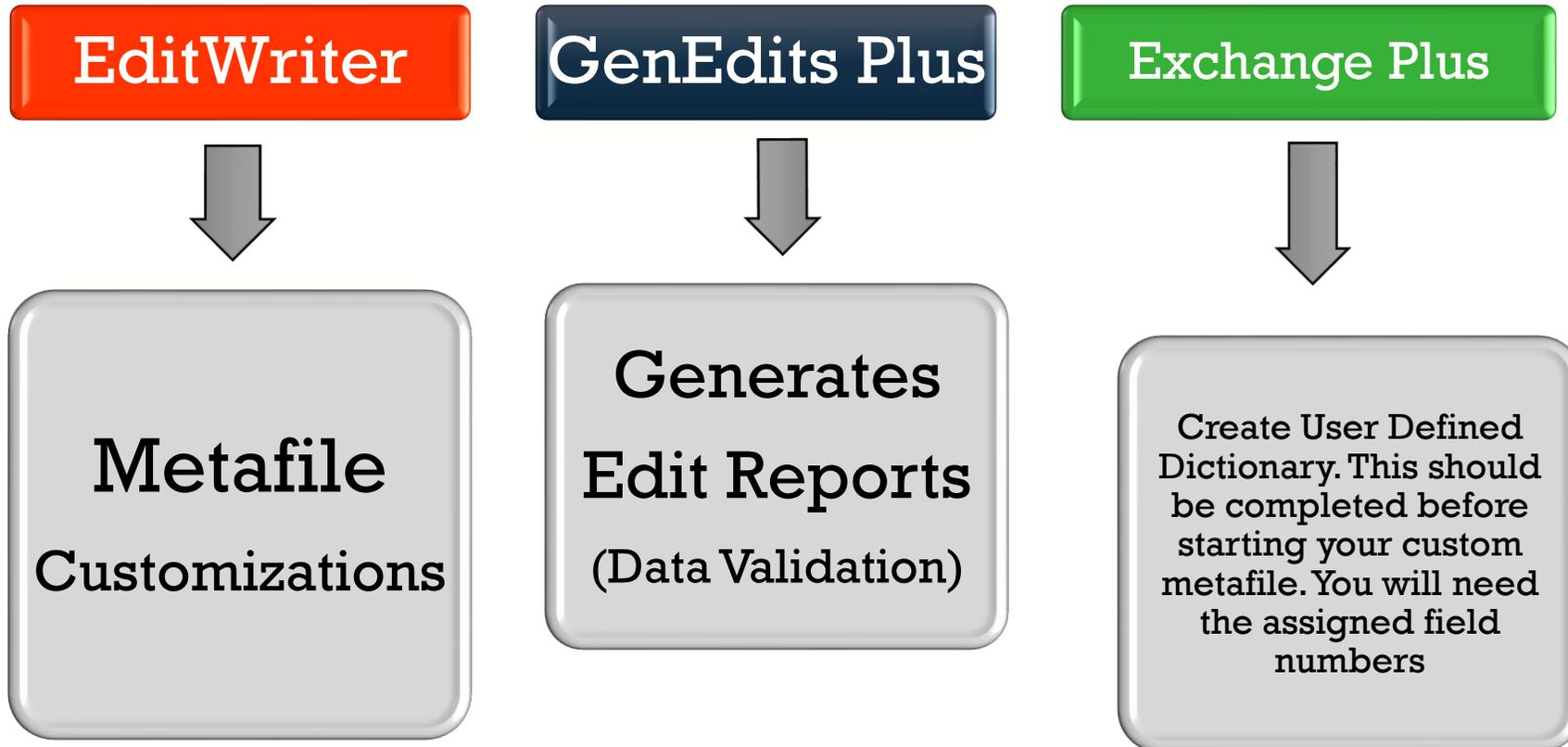Division of Cancer Prevention and Control
NCRA

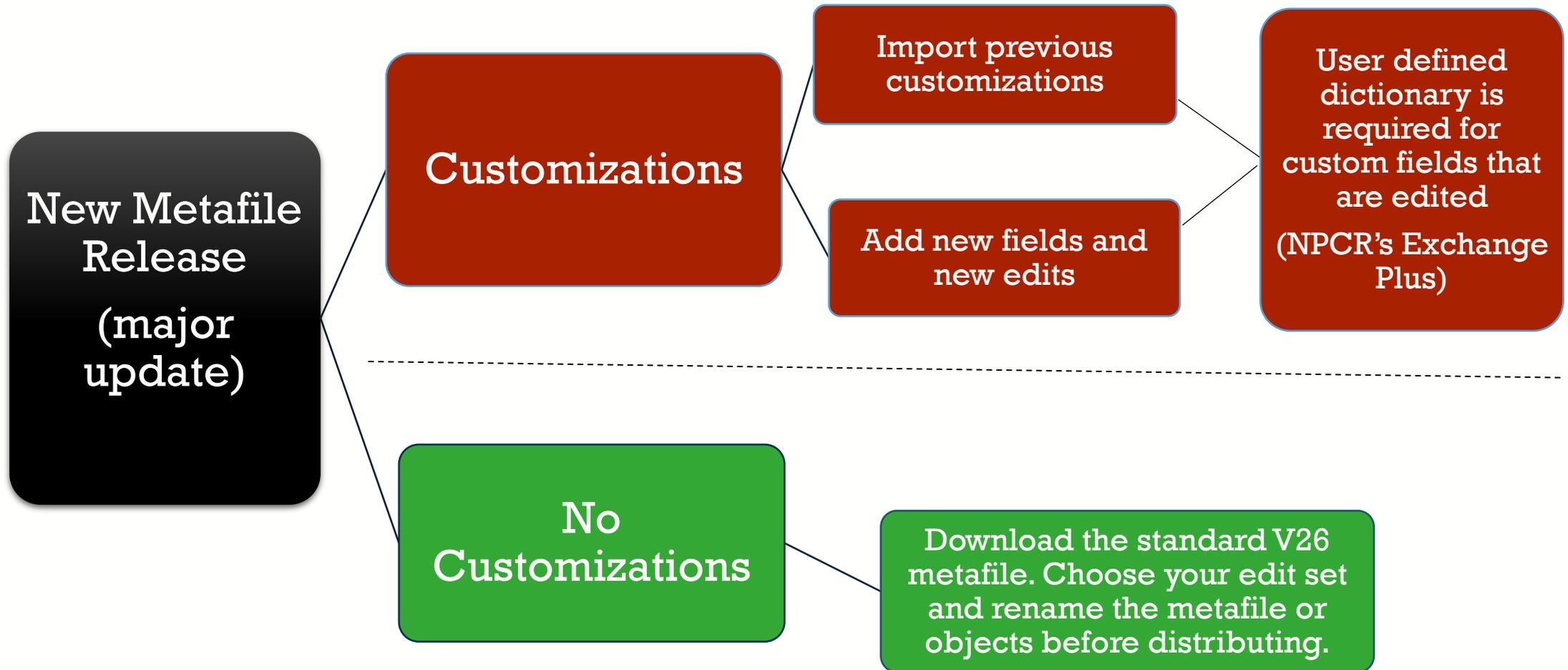## Major Update

IMPORTING FROM PREVIOUS METAFILE

- NPCR's **EditWriter 6** software
- Associated with a **major update** or **new metafile** version release
- Agencies will **import** custom objects from a custom V25b metafile (Import metafile) into V26 metafile. (Target metafile)
- *Know your customizations* and how V26 changes may impact.
- Some agencies may require a different approach to updating custom objects. Support is available at: cancerinformatics@cdc.gov.

NPCR-EDITS Software

EditWriter → Metafile Customizations

GenEdits Plus → Generates Edit Reports (Data Validation)

Exchange Plus → Create User Defined Dictionary. This should be completed before starting your custom metafile. You will need the assigned field numbers

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

New Metafile Release

New Metafile Release (major update)

→ **Customizations**

- **Import previous customizations**
- **Add new fields and new edits**

→ **User defined dictionary is required for custom fields that are edited (NPCR's Exchange Plus)**

→ **No Customizations**

- **Download the standard V26 metafile. Choose your edit set and rename the metafile or objects before distributing.**

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IMPORT CHECKLIST

❑ Upgrade your password before import if you have 3 chars or less.

   ❑ Must be 4-10 chars no other limitations.

      ❑ EW6: Create a new agency (same name) and 4+ char password.

❑Review the NAACCR changes spreadsheet

   ❑Standards for Cancer Registries, Standard Data Edits, Volume IV – NAACCR

❑Carefully review your custom edits and edit sets

   ❑Standard object changes (see Elaine's presentation).

      ❑ All changes will need to be reflected in your custom edits/edit sets.

   ❑Always review the Required Status Table.

❑Create a User Defined Dictionary: NPCR's Exchange Plus

   ❑Match field number in metafile with data dictionary.

   ❑We recommend newly added custom object numbers range from 9500-9999 to be consistent with NPCR RegPlus control tables (9000-9999 allowable)

EditWriter: Import Metafile Definitions

- **Target Metafile**
  - Metafile that will *receive* imported objects (V26)
    - This metafile will receive the custom objects from your V25b.

- **Import Metafile**
  - Metafile *from which your* **custom objects** will be selected for import (V25b)
    - This metafile no longer has the updated standard objects/dependencies.

- **Major Update** = Importing Upwards **Without Dependencies**
  - Latest version of dependencies already live in the latest metafile.
    - *If customization are built from standard objects, Import Without Dependencies*
    - *If customizations live outside of all standard objects, Import With Dependencies*

Download the V26 metafile

Download the V25 NAACCR metafile to any location on your computer.

Standards for Cancer Registries, Standard Data Edits, Volume IV (naaccr.org)

Download NPCR's EditWriter

Download or verify you are using the latest version of EditWriter.
[NPCR–EDITS | NPCR | CDC](#)

Download and installation

EditWriter

Download EditWriter Version 6.0.61.0: EW6_Install.zip ⧉ (compressed file, 8MB), release date September 12, 2024.

The download includes:

- Release notes and programmer documentation.

- A context-sensitive user help file.

- CStage0205.dll (for running Collaborative Stage edits).

- Configuration files for generating reports.

Open the V26 metafile in EditWriter First

- Select OPEN (upper left) and browse to the location on your computer where you saved the V25 metafile. Now select OPEN in the file window (lower right).
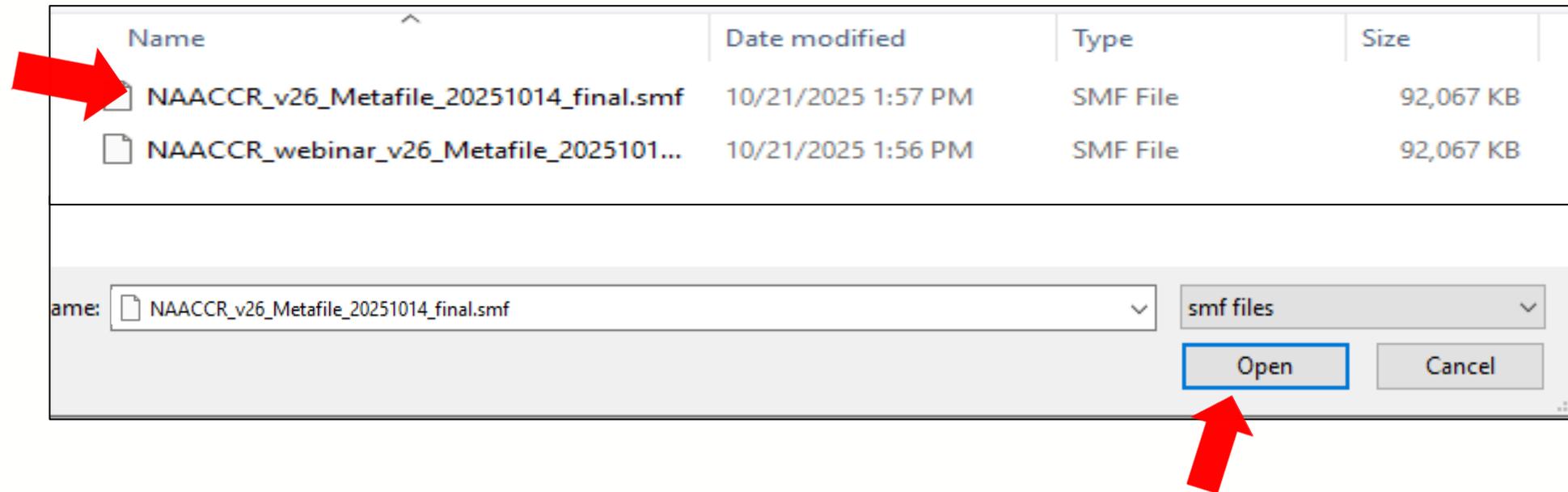
Login Prompt will appear

- Select CANCEL to access the V26 metafile without logging in (we do not own the V26 yet, so we cannot log in).

- Existing users will import login credentials in a later step.

- New users will need to create a login and password. Instructions are found in the EditWriter help menu. Remember your credentials. NPCR does not have access to your application.
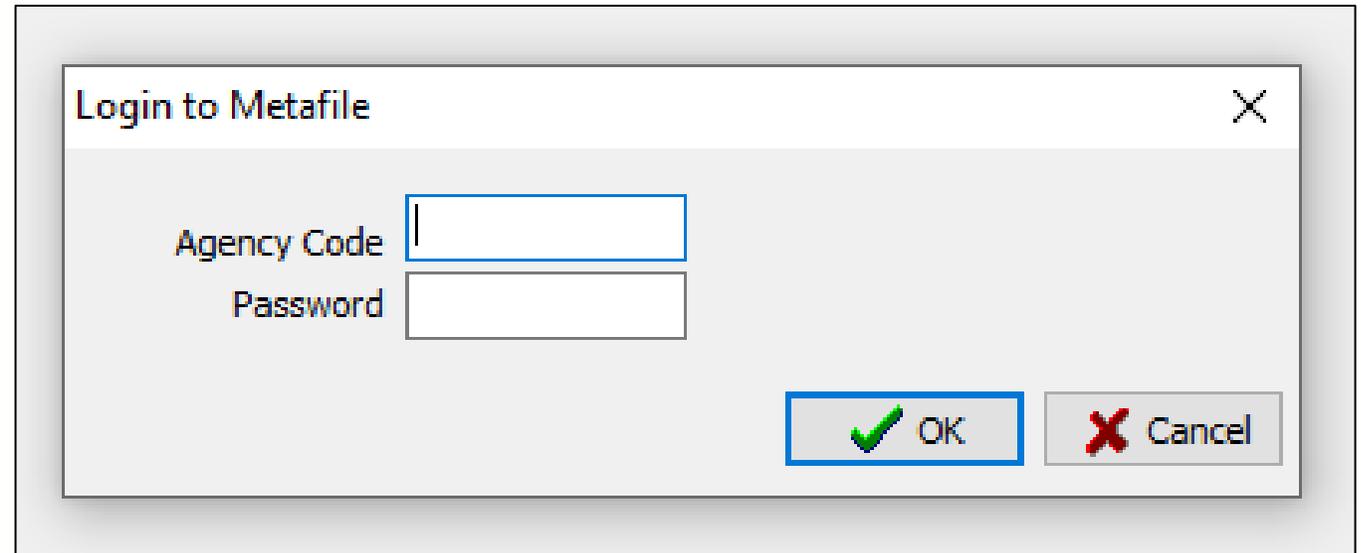
Login to Metafile ✕

Agency Code [ ]

Password [ ]

✓ OK   ✗ Cancel

EW6 requires passwords to be 4 + characters.

Import Metafile: Open your Custom V25b Metafile
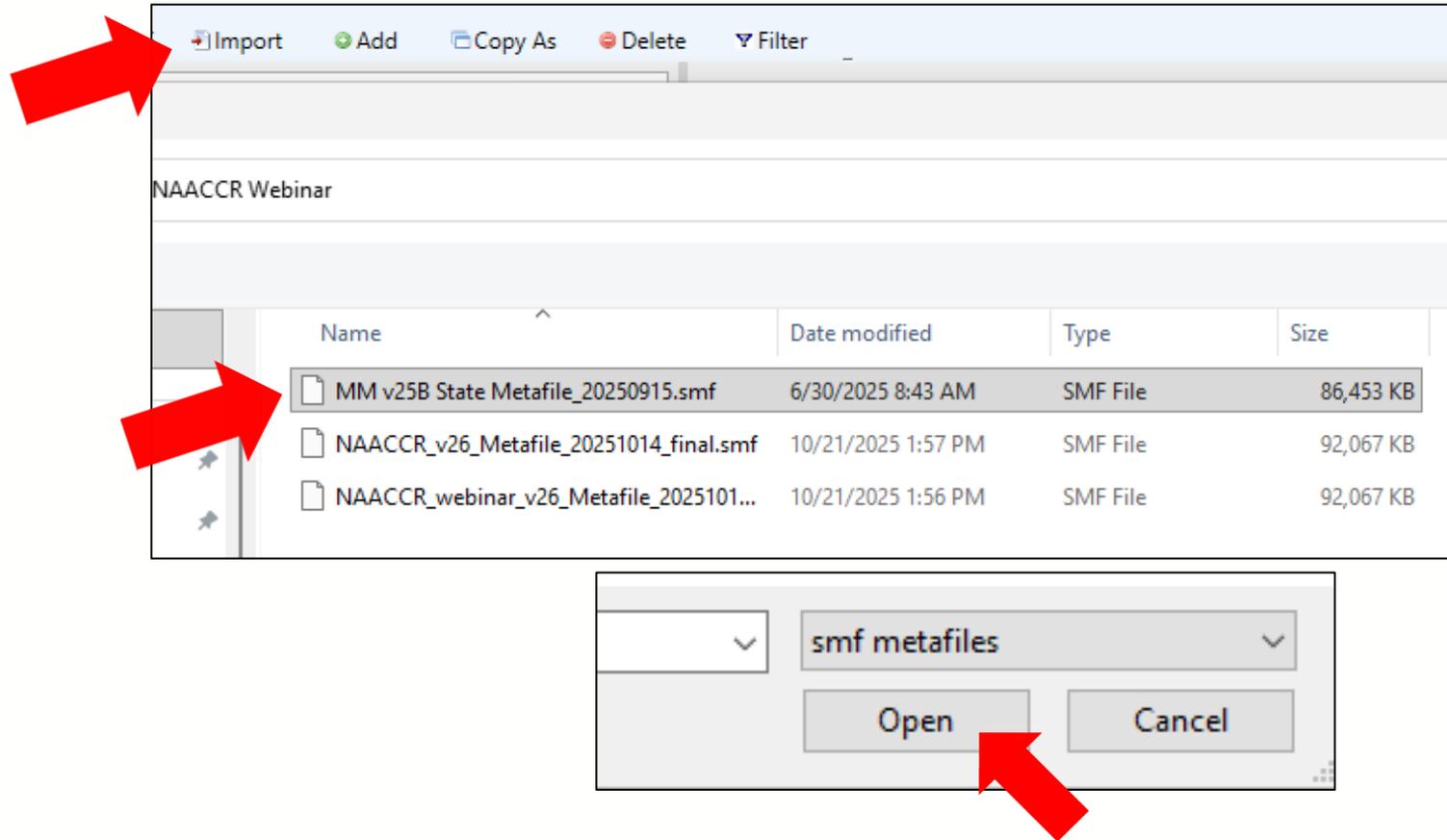
Select IMPORT from the EditWriter tool bar and browse to your customized V25b metafile. Highlight the metafile you need and select OPEN in the file browser.

Import Metafile Form

1. Import Agency

Import Metafile

- ☑ Agencies
- ☐ Fields
- ☐ Messages
- ☐ Tables
- ☐ Edits
- ☐ Edit Sets

Show status
- ○ New objects only
- ○ Changed objects only
- ○ Conflict resolution needed
- ● All objects

Agencies match on Admin Cod
Edits match on EditTag
Edit Sets match on EditSetTag
Fields match on FieldNumber
Messages match on MessageN
Tables match on TableName

> If agency does not import, your password is likely 3 characters or less. Please create a new agency password with 4 + characters to proceed.

New/Changed objects from: MM v25B State Metafile20250915.smf

1 available for import

Status	Object	Record Key	Tag	Ag
NEW	Agency	MMM	MMM	MM

Objects selected for import into: NAACCRwebinar_v26_Metafile_2025101

0 selected for import

Status	Object	Record Key	Tag	Age

→
←
View
Diff

2. Import Custom Field

3. Import Custom Messages

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4. Import Custom Tables

5. Import Custom Edits

6. Import Edit Set(s)

Import Metafile

Agencies
Fields
Messages
Tables
Edits
☑ Edit Sets

Show status
○ New objects only
○ Changed objects only
○ Conflict resolution needed
⦿ All objects

Agencies match on Admin Code
Edits match on EditTag
Edit Sets match on EditSetTag
Fields match on FieldNumber
Messages match on MessageNumber
Tables match on TableName

New/Changed objects from: MM v25B State Metafile20250915.smf

1 available for import

Status	Object	Record Key	Tag	Agency
NEW	Edit Set	MMM: NPCR Required - Consol-All E	MMM014!	MMM

Objects selected for import into: NAACCRwebinar_v26_Metafile_20251014_final.smf

0 selected for import

Status	Object	Record Key

View

Diff

○ Import with dependencies (Edits, Fields, Messages, Tables)   Show me...
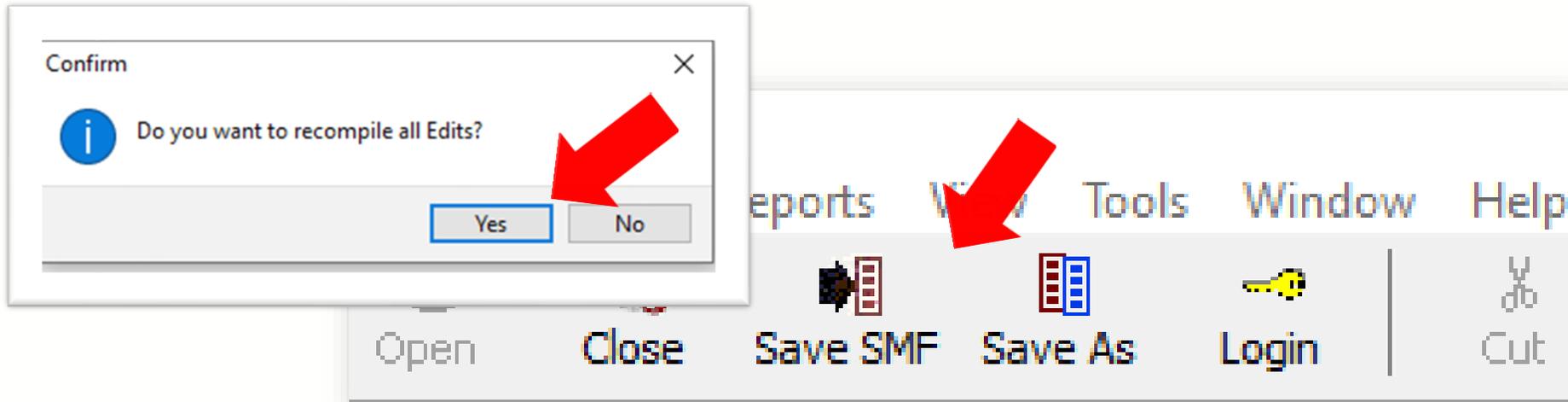⦿ Import without dependencies (I'll resolve the Edit Set later)

☑ Always do this for NEW Edit Sets

View   OK   Stop Import

Import *without dependencies!*

We want the updates to replace the dependencies from your previous edit set.

8. RECOMPILE EDITS AND SAVE YOUR METAFILE (SMF)

After recompiling, notation updates, and saving the metafile with a *unique name*, your metafile is ready for distribution!

Next steps:
- You will use NPCR's GenEDITS Plus to process your datafile edit reports.
- If you haven't already, utilize **NPCR's Exchange Plus** to create a data dictionary to include any custom items **not** included in the standard metafile.

7. V26 METAFILE VERSION DOCUMENTATION

- Documentation is an important metafile tasks before implementation in central registry software or distribution to reporting facilities

- Within the Edit Writer **Tools** menu, there is a feature for **Metafile Version and Comment**

- Facilitates communication among reporting facilities, the central registry, vendors, and edits staff who respond to queries and concerns about edits

- These comments are visible to users.

Metafile Version and Comment

Content Version

MMM v26 State Metafile, 202511030

Metafile Comment

May be downloaded from NAACCR website: www.naaccr.org
For NAACCR metafile support, contact:
 Jim Hofferkamp jhofferkamp@naaccr.org 217 698 0800 x 5
For EDITS software support, contact:
 CancerInformatics@cdc.gov

OK   Cancel

Metafile Size Reduction

Removing <u>Unused</u> Objects from your metafile

- Optional but recommended.

- We will remove unused Edit Sets, Messages, Tables and Fields.
  - We can safely remove any unused objects from each MCO tab.
  - Removing unused objects will not harm your metafile.
  - Filtering will display all objects that are NOT USED by the edits within your edit set.

- Unused Edit Sets will be manually deleted.

- Unused Fields, Messages, and Tables will be identified by using the FILTER function.

TIP: Make a copy of your final metafile if this is your first time removing unused objects. Use the copy to practice the following steps.

Removing <u>Unused</u> Edit Sets

- Hold the CONTROL KEY on your keyboard while selecting all unused edit sets.
- Once Highlighted in Blue, select the delete button, then save .SMF.

Removing Unused FIELDS

File   Reports   View   Tools   Window   Help

🔑Log In   Close   🖫Save SMF   🖫Save As SMF   ➥ Import   ⊕ Add   ⬒ Copy As   ⊝ Delete   ▼ Filter

Total fields: 781

Standard Name	Local Name	Std #	Agency
Abstracted By	ABSINIT	570	COC
Accession Number--Hosp	ACCNO	550	COC
Addr at DX--City	DXCITY	70	COC
Addr at DX--Country	Addr at DX--Country	102	NAACCR
Addr at DX--No & Street	DXADDR	2330	SEER
Addr at DX--Postal Code	DXZIP	100	COC
Addr at DX--State	DXSTATE	80	COC
Addr at DX--Supplementl	Addr at DX--Supplemen		
Addr Current--City	CURCITY		
Addr Current--Country	Addr Current--Country		
Addr Current--No & Stre	CURADDR		
Addr Current--Postal Cod	CURZIP	1830	SEER
Addr Current--State	CURSTATE	1820	SEER
Addr Current--Suppleme	Addr Current--Supplementl	2355	SEER
Adenoid Cystic Basaloid F	Adenoid Cystic Basaloid Pattern	3803	NAACCR

Agencies   Fields   Messages   Tables   Edits   Edit Sets

From the Fields Tab, Select the FILTER button.

Removing UNUSED FIELDS

Removing <u>UNUSED FIELDS</u>

After Applying the filter, the remaining FIELDS in the display window are unused. Select the remaining FIELDS displayed in the list by holding the SHIFT key. Selected Items will be blue.
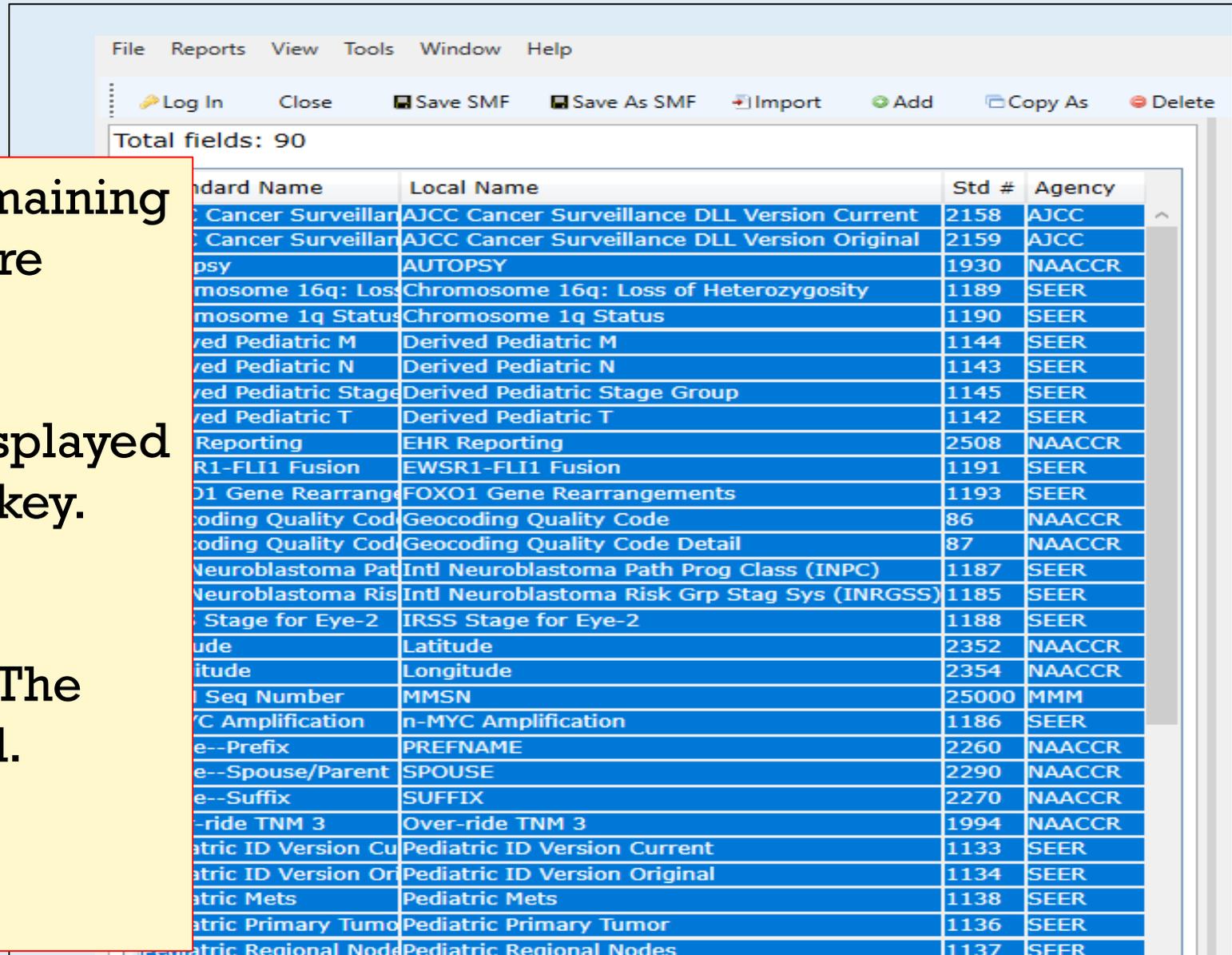
Removing <u>UNUSED FIELDS</u>

After Applying the filter, the remaining FIELDS in the display window are unused.

Select the remaining FIELDS displayed in the list by holding the SHIFT key. (Selected Items will turn blue.)

Now select the DELETE button. The unused Fields are now removed.

Now Save .SMF

File   Reports   View   Tools   Window   Help

🔑 Log In   Close   📄 Save SMF   📄 Save As SMF   ➡ Import   ● Add   📋 Copy As   ⊖ Delete

Total fields: 90

...ndard Name	Local Name	Std #	Agency
...C Cancer Surveillan	AJCC Cancer Surveillance DLL Version Current	2158	AJCC
...C Cancer Surveillan	AJCC Cancer Surveillance DLL Version Original	2159	AJCC
...psy	AUTOPSY	1930	NAACCR
...omosome 16q: Loss	Chromosome 16q: Loss of Heterozygosity	1189	SEER
...omosome 1q Status	Chromosome 1q Status	1190	SEER
...ved Pediatric M	Derived Pediatric M	1144	SEER
...ved Pediatric N	Derived Pediatric N	1143	SEER
...ved Pediatric Stage	Derived Pediatric Stage Group	1145	SEER
...ved Pediatric T	Derived Pediatric T	1142	SEER
...Reporting	EHR Reporting	2508	NAACCR
...R1-FLI1 Fusion	EWSR1-FLI1 Fusion	1191	SEER
...O1 Gene Rearrange	FOXO1 Gene Rearrangements	1193	SEER
...coding Quality Cod	Geocoding Quality Code	86	NAACCR
...coding Quality Cod	Geocoding Quality Code Detail	87	NAACCR
...Neuroblastoma Pat	Intl Neuroblastoma Path Prog Class (INPC)	1187	SEER
...Neuroblastoma Ris	Intl Neuroblastoma Risk Grp Stag Sys (INRGSS)	1185	SEER
...S Stage for Eye-2	IRSS Stage for Eye-2	1188	SEER
...ude	Latitude	2352	NAACCR
...itude	Longitude	2354	NAACCR
... Seq Number	MMSN	25000	MMM
...YC Amplification	n-MYC Amplification	1186	SEER
...e--Prefix	PREFNAME	2260	NAACCR
...e--Spouse/Parent	SPOUSE	2290	NAACCR
...e--Suffix	SUFFIX	2270	NAACCR
...-ride TNM 3	Over-ride TNM 3	1994	NAACCR
...atric ID Version Cu	Pediatric ID Version Current	1133	SEER
...atric ID Version Or	Pediatric ID Version Original	1134	SEER
...atric Mets	Pediatric Mets	1138	SEER
...atric Primary Tumo	Pediatric Primary Tumor	1136	SEER
...ediatric Regional Node	Pediatric Regional Nodes	1137	SEER

Removing <u>UNUSED</u> Messages

From the MESSAGES Tab, Select the FILTER button.

Removing **UNUSED** Messages

Select Only Messages NOT used in Edits.
Select APPLY.

Removing UNUSED Messages

After Applying the filter, the remaining MESSAGES in the display window are unused.
Select the remaining MESSAGES displayed in the list by holding the SHIFT key. Selected Items will be blue.

Removing <u>UNUSED Messages</u>

After Applying the filter, the remaining MESSAGES in the display window are unused.

Select the remaining MESSAGES displayed in the list by holding the SHIFT key. (Selected Items will turn blue.)

Now select the DELETE button. The unused MESSAGES are now removed.

Now Save .SMF

| | Log In | Close | Save SMF | Save As SMF | Import | Add | Copy As | Delete |

Total messages: 239

Text	Agency
...has no default error message	NONE
...mber not valid	SEER
...not valid	SEER
...: Proc 73-87 not valid	SEER
...us not valid	SEER
...e of Follow-Up not valid	SEER
...f Primary Site not valid	SEER
...onversion Flag not valid	SEER
...& Type_fu conflict	SEER
...Site, Date_dx conflict	SEER
...EOD10dig ext conflict - ICDO2	SEER
...stology - Please Review - ICDO3	SEER/COC
...valid - ICDO3	COC
...--Surg Oth Reg/Dis, Primary Site/Histology, Date of DX confli	SEER
...--Scope Reg LN Sur, Primary Site/Histology conflict	SEER

...essages | Tables | Edits | Edit Sets

Removing <u>UNUSED</u> Tables

From the Tables Tab, Select the FILTER button.

Removing UNUSED Tables

Select Only TABLES NOT used in Edits.
Select APPLY.

Removing UNUSED Tables

After Applying the filter, the remaining TABLES in the display window are unused.
Select the remaining TABLES displayed in the list by holding the SHIFT key. Selected Items will be blue.

File   Reports   View   Tools   Window   Help

Log In   Close   Save SMF   Save As SMF   Import   Add   Copy As   Delete   Filter

Total tables: 17

Table Name	Agency	#Records
BPLACE	SEER	523
DPLACE	NAACCR	522
FL_CZC	NAACCR	11
IND_2020	NAACCR	271
MMM_SITE_REF	MMM	143
MORPH01	SEER	1388
NPCR_SEER	NAACCR	30
OCC_2020	NAACCR	538
	Census/NPCR	28
	Census/NPCR	2366
	SEER	154
	SEER	204
	SEER	92
	SEER	170
	SEER	169
	AJCC	150
	NAACCR	67

Tables   Edits   Edit Sets

Removing <u>UNUSED</u> Tables

After Applying the filter, the remaining MESSAGES in the display window are unused.

Select the remaining MESSAGES displayed in the list by holding the SHIFT key. (Selected Items will turn blue.)

Now select the DELETE button. The unused MESSAGES are now removed.

Now Save .SMF

Resources

- **NPCR Knowledge Base:**
  - https://app.onedesk.com/app-od/o-regplus/knowledge-base-2?customerAccess=

- **Standard Metafile and Base Data Dictionaries:**
  - https://www.naaccr.org/standard-data-edits/

- **Review the EditWriter Help documentation**
  - Help menu or Knowledge Base> EditWriter
  - Sections for Updating a Metafile to a New Major Version

- **Edits Software Downloads:**
  - https://www.cdc.gov/cancer/npcr/tools/edits/edits50.htm

Thank you!

Go to the official federal source of cancer prevention information:

www.cdc.gov/cancer

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