



Developing a V25 Metafile: Importing Customizations

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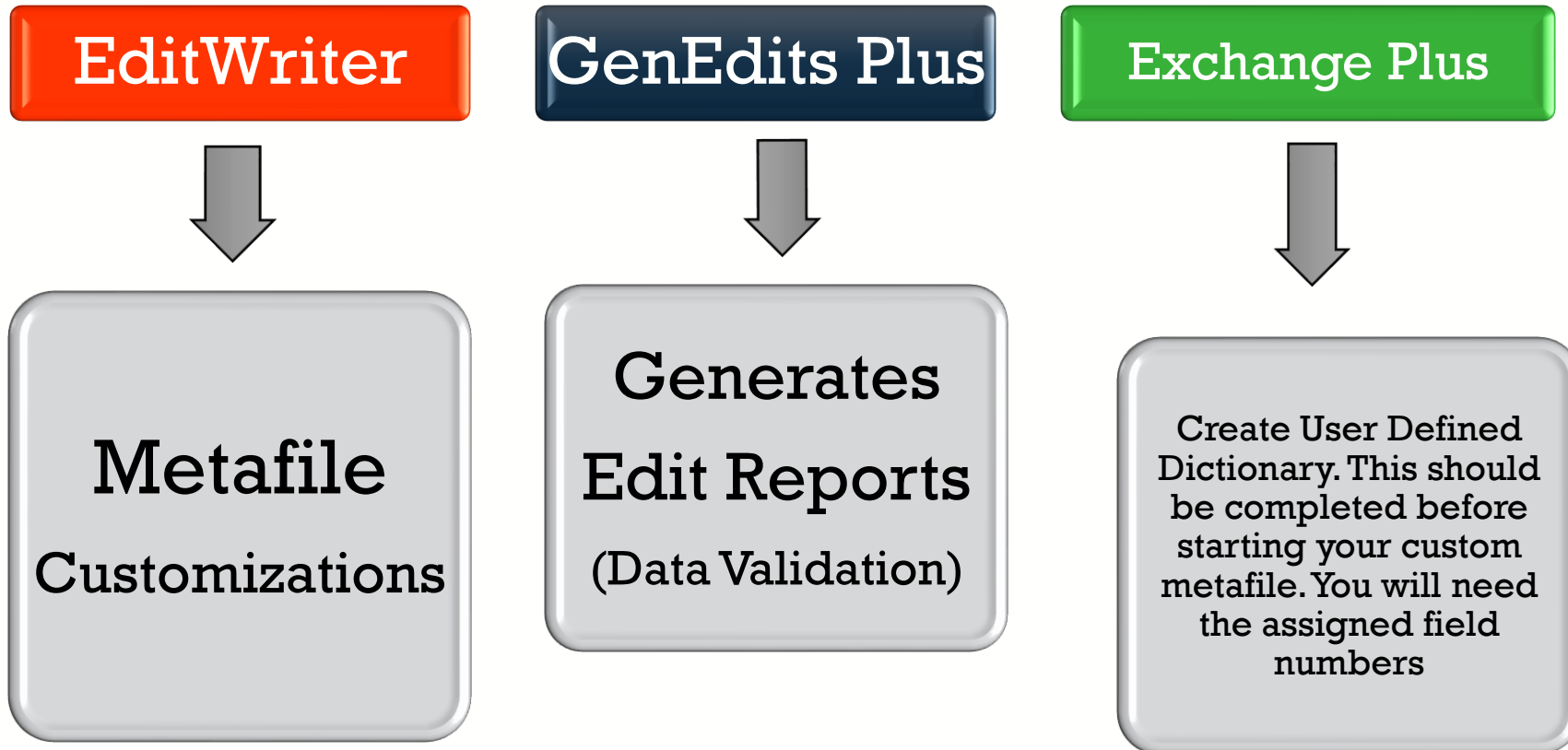


Major Update

IMPORTING FROM PREVIOUS
METAFILE

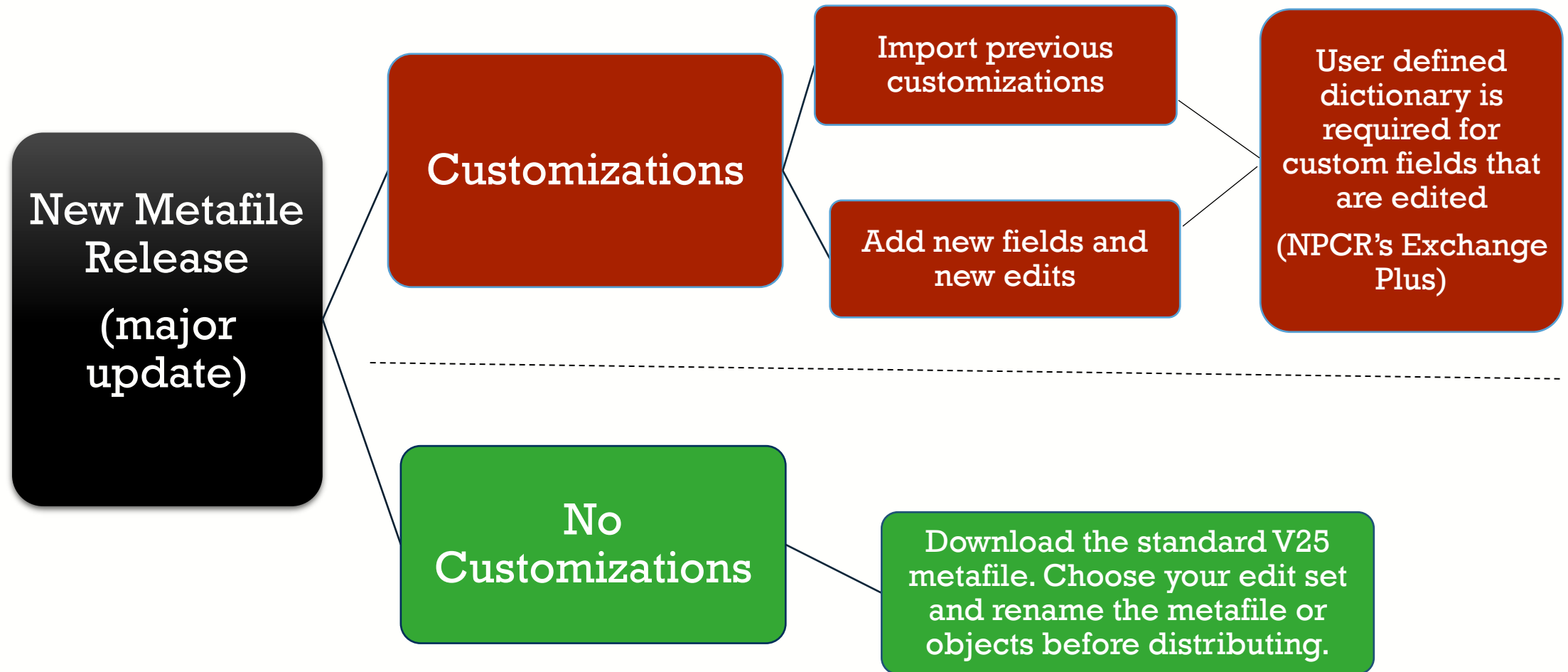
- NPCR's **EditWriter 6** software
- Associated with a **major update** or **new metafile** version release
- Agencies will import custom objects from a custom V24A metafile (Import metafile) into V25 metafile. (Target metafile)
- *Know your customizations* and how V25 changes may impact.
- Some agencies may require a different approach to updating custom objects. Support is available at: cancerinformatics@cdc.gov.

NPCR-EDITS Software



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

New Metafile Release



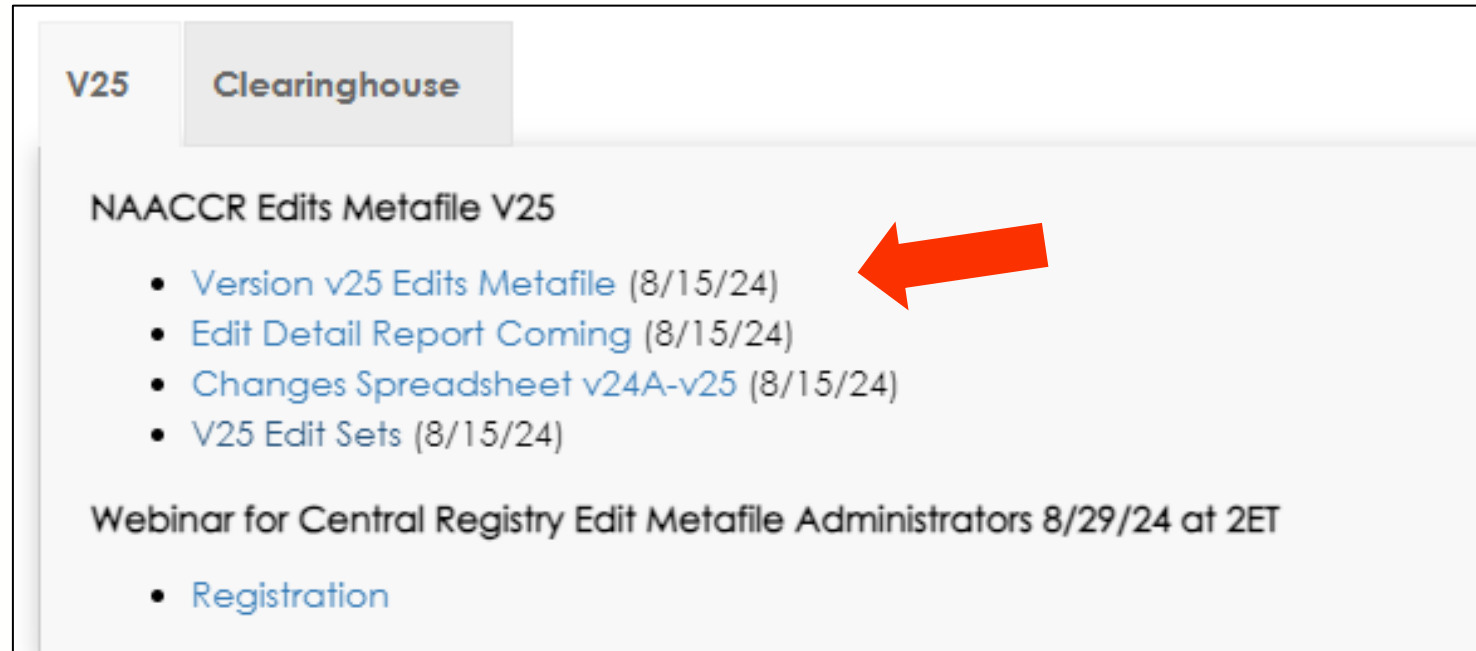
IMPORT CHECKLIST

- Upgrade your password before import if you have 3 chars or less.
 - Must be 4-10 chars no other limitations.
 - Use EW5: Open metafile select agency and change password.
 - Use EW6: Create 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 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 (V25)
 - This metafile will receive the custom objects from your V24A.
- **Import Metafile**
 - Metafile *from which* custom objects will be selected for import (V24A)
 - This metafile no longer has the updated standard objects/dependencies.
- **Major Update = Import Upward Without Dependencies**
 - Latest version of dependencies lives 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 V25 metafile



V25 Clearinghouse

NAACCR Edits Metafile V25

- [Version v25 Edits Metafile \(8/15/24\)](#)
- [Edit Detail Report Coming \(8/15/24\)](#)
- [Changes Spreadsheet v24A-v25 \(8/15/24\)](#)
- [V25 Edit Sets \(8/15/24\)](#)

Webinar for Central Registry Edit Metafile Administrators 8/29/24 at 2ET

- [Registration](#)

Download the V25 NAACCR metafile to any location on your computer.
[Standards for Cancer Registries, Standard Data Edits, Volume IV \(naaccr.org\)](https://naaccr.org/standards-for-cancer-registries-standard-data-edits-volume-iv)

Download NPCR's EditWriter

Download and installation

EditWriter

Download EditWriter Version 6.0.59.0: [EW6_Install.zip](#) (compressed file, 9MB), release date January 16, 2024.

The download includes:

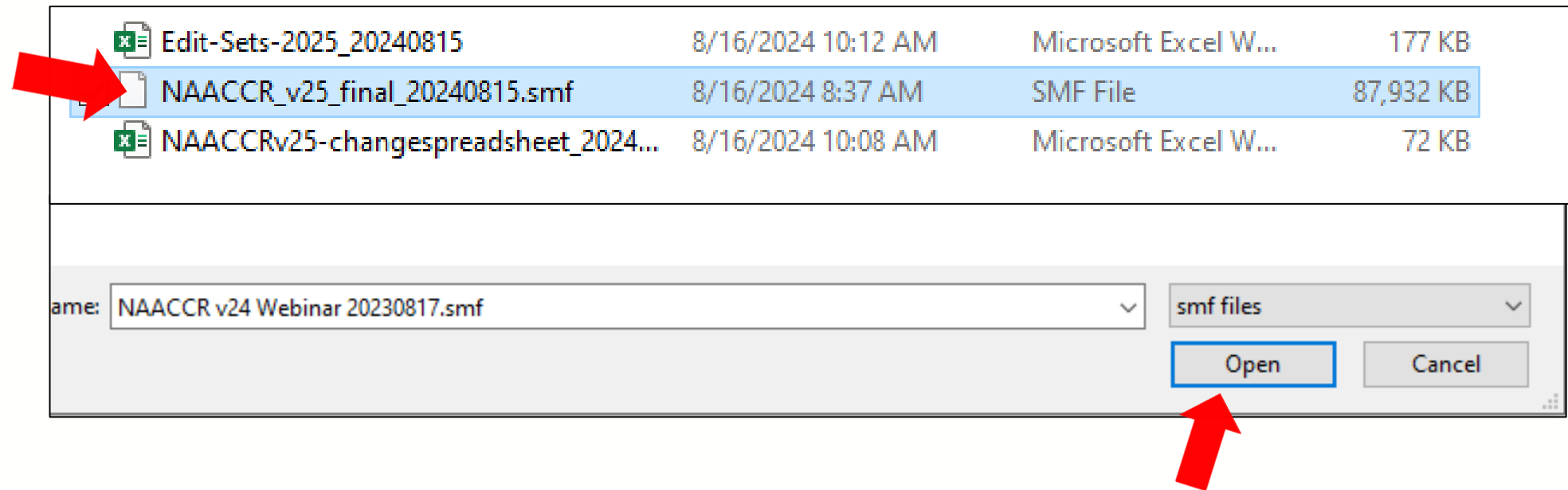
- Release notes and programmer documentation.
- A context-sensitive user help file.
- CStage0205.dll (for running Collaborative Stage edits).
- Configuration files for generating reports.

Download or verify you are using the latest version of EditWriter.

[NPCR-EDITS](#) | [NPCR](#) | [CDC](#)

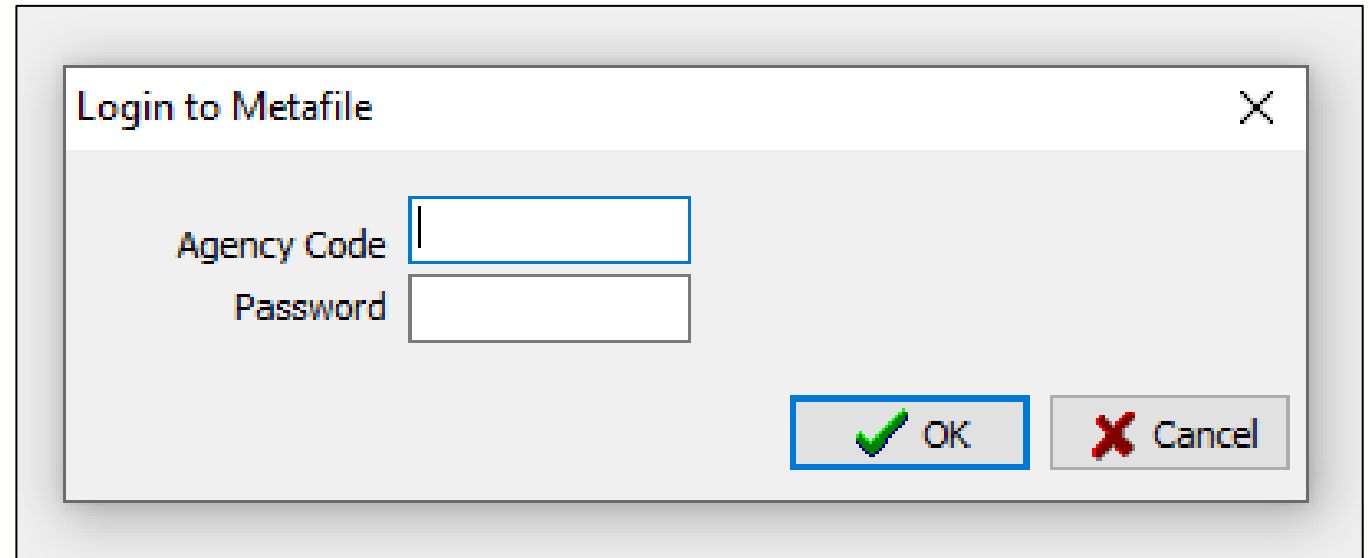
Open the V25 metafile in EditWriter

- 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 V25 metafile without logging in (we do not own the V25 yet so 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.



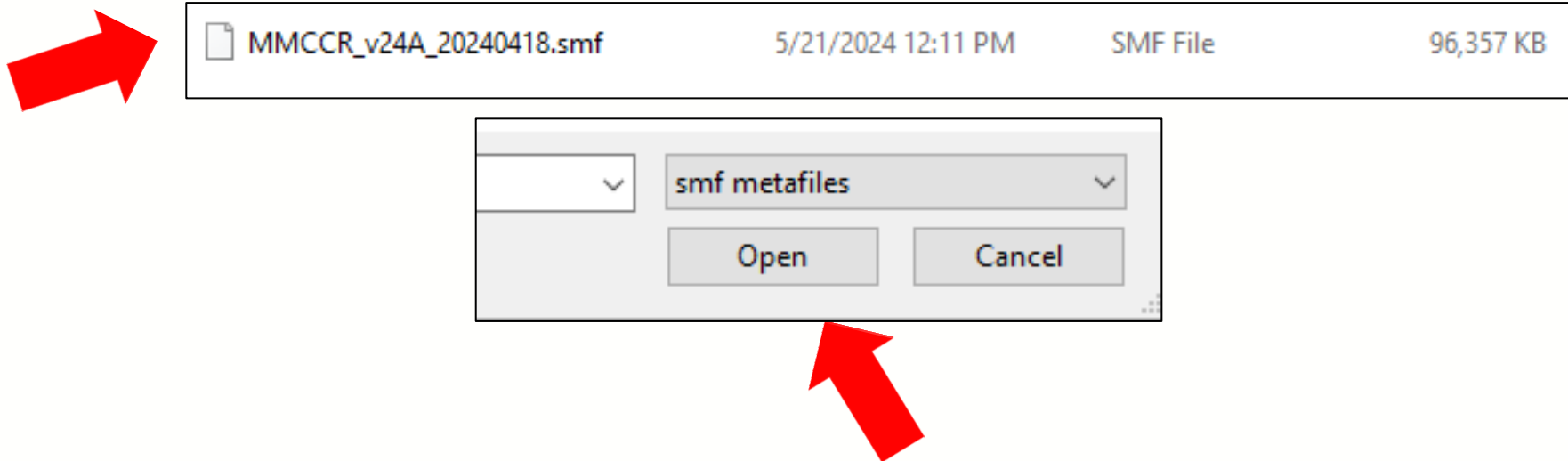
Login to Metafile

Agency Code

Password

EW6 requires passwords to be 4 + characters.

Import Metafile: Open your Custom V24A Metafile



Select IMPORT from the EditWriter tool bar and browse to your customized V24A metafile. Highlight the metafile you need and select OPEN in the file browser.

Import Metafile Form

MCO

Filter Import 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

Import Objects Grid

Status	Object	Record Key	Tag	Age
NEW	Agency	MMM	MMM	MM
CHG	Edit	_SYS AJCC ID (NAACCR)	N2815	NA
CHG	Edit	_SYS AJCC ID, Date of Diagnosis (NA	N2822	NA
CHG	Edit	_SYS AJCC ID, Date of Diagnosis, CoC	N4203	SEE
CHG	Edit	_SYS AJCC ID, Primary Site, Histology	N2843	NA
CHG	Edit	_SYS AJCC ID, Site, Histo, Age (NAAC	N4205	NA
CHG	Edit	_SYS AJCC ID, Site, Histo, Sex (NAAC	N3068	NA
CHG	Edit	_SYS Schema ID (NAACCR)	N2816	NA
CHG	Edit	_SYS Schema ID, AJCC ID (NAACCR)	N2814	NA
CHG	Edit	_SYS Schema ID, Date of Diagnosis (I	N2823	NA
CHG	Edit	_SYS Schema ID, Primary Site, Benign	N6609	NC
CHG	Edit	_SYS Schema ID, Primary Site, Histo	N2824	NA

Objects selected for import will show here

Generates Report of Object

Import Stop Close

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 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: MMCCRv24A_20240418.smf
1 available for import

Status	Object	Record Key	Tag	Ag
NEW	Agency	MMCCR	MMCCR	MM

Objects selected for import into: NAA
1 selected for import

Status	Object	Record Key	Tag	Ag
NEW	Agency	MMM	MMM	MM

View
Diff

Import Stop Close

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

2. Import Custom Field

Move highlighted object(s) from import metafile into target metafile grid

Filter to your agency for quick access to your custom objects

Tag	Agency	Status	Object	Record Key	Tag	Agency
9500	MMM					
2081	NAACCR					
3884	NAACCR					
2390	NAACCR					
1940	NPCR					
285	NPCR					
284	NPCR					
3700	SEER					
250	SEER/COC					

All new fields added to the metafile must have a item numbers specified. The item numbers must correspond with your user defined dictionary.

Import **Stop**

3. Import Custom Messages

Filter by agency for quick access to your custom objects

			Agency	
			9511	MMM
CHG	Message 1116: %F1 must equal "230" for this metafile	1116	NAACCR	
CHG	Message 1119: %F1 must equal 2-9, A-C for this metafile	1119	NAACCR	
CHG	Message 3925: DCO: %F29 must = blank	3925	NAACCR	
CHG	Message 7213: Grade problem	7213	NAACCR	
CHG	Message 7587: %F3: %V3 is inconsistent with %F4: %V4 and	7587	NAACCR	
CHG	Message 7588: %F1: %V1 and %F2: %V2 are inconsistent wi	7588	NAACCR	
CHG	Message 7617: %F1 must not be blank or not applicable for	7617	NAACCR	
NEW	Message 7637: %F2: %V2 conflicts with %F4: %V4	7637	NAACCR	
CHG	Message 7646: %F1 must be of form 09.01.dd, d = numeric	7646	NAACCR	
CHG	Message 7648: %F1 must be of form 09.01.dd.dddd, d=nur	7648	NAACCR	
CHG	Message 7657: DCO: %F26 must = 88 or blank	7657	NAACCR	
CHG	Message 7681: %F1: %V1 is valid only for AJCC ID 19, 21, 52	7681	NAACCR	
CHG	Message 7776: %F1 must not = %V1 if %F2 and %F3 = T0	7776	NAACCR	
CHG	Message 8072: Conflict between %F3: %V3 and %F7: %V7	8072	NAACCR	

Move highlighted object from import metafile into target metafile grid

Import Stop Close

4. Import Custom Tables

Import Metafile

Agencies
 Fields
 Messages
 Tables
 Edits
 Edit Sets

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





New/Changed objects from: MMCCRv24A_20240418.smf
71 available for import

Status	Object	Record Key	Tag	Agency
CHG	Table	COCYPATHED8	COCYPATH	COC
CHG	Table	COCYPATHED9	COCYPATH	COC
CHG	Table	DISC1AJCC_SITEREF	DISC1AJCC	COC
CHG	Table	DISCRIM1NEW	DISCRIM1	COC
CHG	Table	DISCRIM2NEW	DISCRIM2	COC
NEW	Table	SCR_ADDR_UNK	SCR_ADDF	MMM
CHG	Table	DISCRIM1SEER	DISCRIM1	NAACCR
CHG	Table	EODPT09	EODPT09	NAACCR
CHG	Table	GRADE09	GRADE09	NAACCR
CHG	Table	GRADEED8	GRADEED	NAACCR
CHG	Table	IF25_2	IF25_2	NAACCR
CHG	Table	IF25_3	IF25_3	NAACCR
NEW	Table	IND_1990	IND_1990	NAACCR
NEW	Table	IND_2000	IND_2000	NAACCR
CHG	Table	IND_2017	IND_2017	NAACCR

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

Objects selected for import into:
0 selected for import

Status Object Record Key

5. Import Custom Edits

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: MMCCRv24A_20240418.smf
253 available for import

Status	Object	Record Key	Tag	Agency
CHG	Edit	Visceral and Parietal Pleural Invasion, N6713	N6713	COC
NEW	Edit	Race Coding Sys--Original, Date of D N0584	N0584	COC/REMOVED
NEW	Edit	RQRS NCDB Submission Flag (COC) N2530	N2530	COC/REMOVED
CHG	Edit	_SYS AJCC ID (NAACCR)	N2815	NAACCR
CHG	Edit	_SYS AJCC ID, Date of Diagnosis (NA N2822	N2822	NAACCR
CHG	Edit	_SYS AJCC ID, Primary Site, Histology N2843	N2843	NAACCR
CHG	Edit	_SYS Schema ID, Date of Diagnosis († N2823	N2823	NAACCR
CHG	Edit	_SYS Schema ID, Primary Site, Histolo N2824	N2824	NAACCR
CHG	Edit	Addr at DX--No/Street (NAACCR) N0348	N0348	NAACCR
CHG	Edit	Addr Current--No/Street (NAACCR) N0351	N0351	NAACCR
CHG	Edit	AFP Post-Orchiectomy Lab Value, Ra N7057	N7057	NAACCR
CHG	Edit	AFP Pre-Orchiectomy Lab Value, Ra N7056	N7056	NAACCR
CHG	Edit	AJCC ID, Site, Histo, Schema Discrimi N3010	N3010	NAACCR

Objects selected for import into: NAACCRv25_final_20240815.smf
7 selected for import

Status	Object	Record Key	Tag	Agency
NEW	Edit	County at DX Reported (SCCR)	MM9506	MMM
NEW	Edit	DOB, Caribbean	MM9504	MMM
NEW	Edit	NCCR Gender Identity	MM9501	MMM
NEW	Edit	NCCR Race 1	MM9500	MMM
NEW	Edit	NCCR Sexual Orientation	MM9502	MMM
NEW	Edit	SCR_Check for UNK	MM9505	MMM
NEW	Edit	SCR_State_County_QA	MM9503	MMM

View
Diff

Import Stop Close

6. Import Edit Set(s)

Import Metafile

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

Objects selected for import into: NAACCRv25_final_20240815.smf
1 selected for import

New/Changed objects from: MMCCRv24A_20240418.smf
16 available for import

Status	Object	Record Key	Tag	Agency
CHG	Edit Set	Canadian Council of Cancer Registre	NES0127	CCCR
CHG*	Edit Set	Hosp: Vs24 COC Required	NES0344	COC
CHG	Edit Set	AJCC Edits	NES0500	NAACCR
CHG*	Edit Set	Central: Vs24 State Example - Incomi	NES0150	NAACCR
CHG	Edit Set	EOD Edits	NES0501	NAACCR
CHG*	Edit Set	Interstate Data Exchange - Abstract	NES0600	NAACCR
CHG*	Edit Set	Interstate Data Exchange - Consolida	NES0601	NAACCR
CHG	Edit Set	Path Items	NES0052	NAACCR
CHG	Edit Set	Pre2016 c,p mixed bag	NES0336	NAACCR
CHG	Edit Set	Pre2016 c,p required	NES0337	NAACCR
CHG*	Edit Set	Pre2016 no c,p in codes	NES0338	NAACCR
CHG*	Edit Set	Quality Control Edits - Central Regist	NES0003	NAACCR
NEW	Edit Set	Quality Control Edits - Hospital Regis	NES0005	NAACCR
CHG	Edit Set	SSDI Valid Value Edits	NES0502	NAACCR
CHG*	Edit Set	Central: Vs24 NPCR Required - Cons	NES0149	NPCR
CHG*	Edit Set	SEER: Vs 24 Transmit Edits	NES0334	SEER

Import NEW Edit Set

Name: V24A Cust Edit Set
Tag: MM20005

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 Stop Close

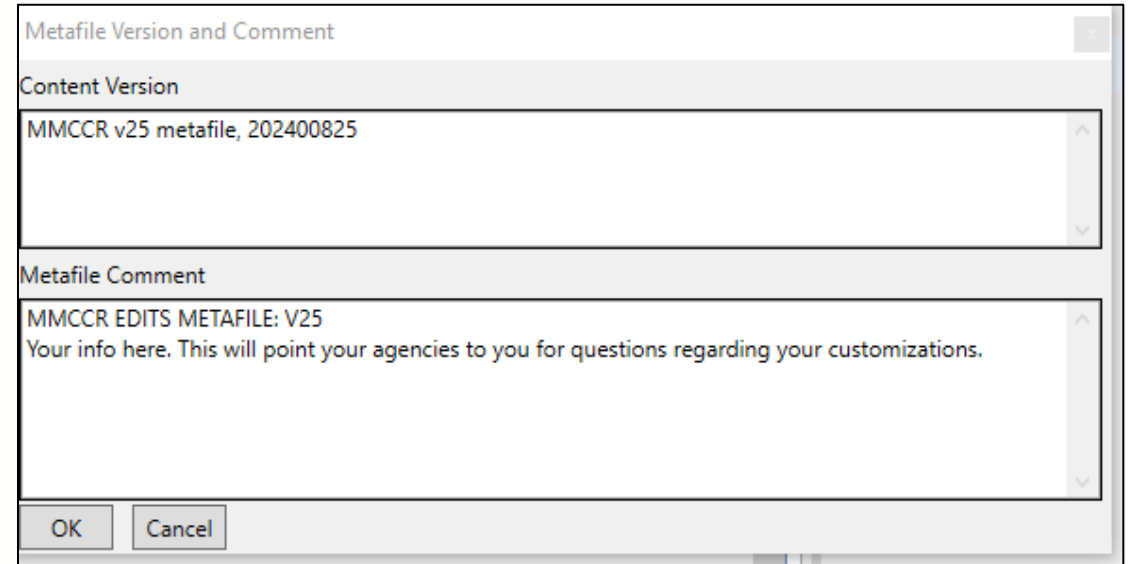
V24A Cust Edit Set

Import *without dependencies!*

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

7. V25 METAFILE VERSION DOCUMENTATION

- Documentation is one of the last 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



Metafile Version and Comment

Content Version

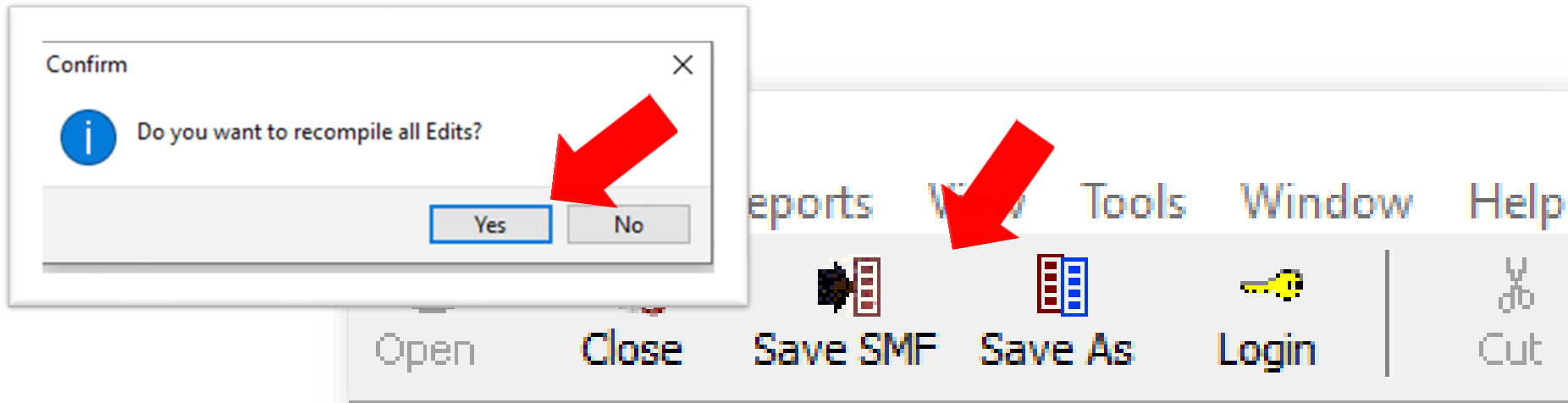
MMCCR v25 metafile, 202400825

Metafile Comment

MMCCR EDITS METAFILE: V25
Your info here. This will point your agencies to you for questions regarding your customizations.

OK Cancel

8. RECOMPILE EDITS AND SAVE YOUR METAFILE (SMF)



After recompiling, notations and saving 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.

Resources

❑ Edits Software Downloads:

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

❑ Knowledge Base:

- <https://app.onedesk.com/app-od/o-regplus/knowledge-base-2?customerAccess=>

❑ Metafile and Data Dictionaries:

- <https://www.naaccr.org/standard-data-edits/>

❑ Review the EditWriter Help documentation

- F1 menu
- Sections for Updating a Metafile to a New Major Version

Thank you!

Go to the official federal source of cancer prevention information:

www.cdc.gov/cancer



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.