

Code	Organization Name
AJCC	American Joint Committee on Cancer
AJCC/NPCR	AJCC/NPCR
CCCR	Canadian Council of Cancer Registrars
CENSUS	CENSUS
Census/NPCR	Census/NPCR
CMS	CMS
COC	Commission on Cancer
COC/AJCC	COC & AJCC
COC/REMOVED	COC/REMOVED
CS	Collaborative Stage
FIPS/SEER	FIPS/SEER
HL7	HL7
NAACCR	North American Assoc. of Central Cancer Registries
NAACCR/COC	NAACCR & COC
NAACCR/NPCR	NAACCR & NPCR
NONE	No Standard Setter
NPCR	National Program of Cancer Registry
NPCR/COC	NPCR/COC
NPCR/NPCR	NPCR/NPCR

V23 Workshop for Central Registry Edits Metafile Administrators

10/28/22

1

Agenda

- XML Clearinghouse
 - Valerie Yoder
- v22B-V23 Changes
 - Elaine Collins
- Northcon Conversion Utility
- Creating a v23 Edits Metafile
 - Matthew Mayfield
- Edits Clearinghouse
 - Jim Hofferkamp

2

Agency code
Total agencies: 21

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XML User Dictionary ClearingHouse

Valerie Yoder

3

Agency code
Total agencies: 21

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NPCR/COC	NPCR/COC
NPCR/NPCR	NPCR/NPCR

V22B-V23 Changes

Elaine Collins

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Information Resources for v23

- NAACCR 2023 Implementation Guidelines and Recommendations
 - <https://www.naaccr.org/?s=implementation+guidelines>
- NAACCR Data Dictionary and Required Status Table
 - <https://www.naaccr.org/data-standards-data-dictionary/>
- ICD-O-3 coding materials, NAACCR and SEER websites
 - <https://www.naaccr.org/?s=icd>, <https://seer.cancer.gov/icd-o-3/>

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Information Resources for v23

- SSDI Manual, Grade Manual
 - <https://www.naaccr.org/?s=SSDI+Manual>
 - <https://www.naaccr.org/?s=grade+manual>
- AJCC Version 9 protocols
 - <https://www.facs.org/quality-programs/cancer-programs/american-joint-committee-on-cancer/version-9/>
- Communications from standard setters and coding manuals
 - <https://www.facs.org/media/r0ajvh5j/store-manual-2023.pdf>
 - <https://seer.cancer.gov/tools/codingmanuals/index.html>
- SEER*RSA website
 - <https://staging.seer.cancer.gov/>

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6

Edit Documentation

- EW5 – edit Descriptions and Administrative Notes
 - Edit Detail Report
 - Edit Change Spreadsheet
- Edit Sets
 - Edit Set Spreadsheet
- <https://www.naaccr.org/standard-data-edits/>

7

Clinical Margin Width, Date DX (NAACCR)

Agency: NAACCR

Last changed: 08/22/2022 17:56:36

Edit Tag N6734

Description

The edit is skipped if Date of Diagnosis is blank (unknown), invalid.

1. This data item must be blank for pre-2023 diagnoses.

2. Must be a valid Clinical Margin Width code or blank:

0.1: Documented as 0.1 centimeter or less (1mm or less)
0.2-9.9: 0.2-9.9 centimeters
XX.1: 10 centimeters or greater
XX.8: Not applicable: Information not collected for this schema
XX.9: Not documented in medical record
No wide excision performed
Mohs or similar procedure
Wide excision performed, but clinical margin width not documented.
No surgical resection performed (B000)
Unknown if procedure performed
Blank N/A-Diagnosis year prior to 2023

3. Code must contain decimal point with at least one character before and one character after decimal point.

Another edit, Clinical Margin Width, Schema ID, Required (NAACCR), checks that the item is coded by Schema ID if required by a standard setter.

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Edit Tag	Edit Name	Canadian	Central: Consol- All Edits	Central: State Example	Hosp: Required - All	Hosp: Required - All+CS	SEER: Transmit	AJCC Edits	EOD Edits
N1028	Date of Death--Canada, Vital Status (NAACCR)	X							
N1081	Date of Death--CanadaFlag (NAACCR)	X							
N0021	Date of Diagnosis (NAACCR DATEEDIT)	X	X	X	X	X	X		
N0968	Date of Diagnosis Flag (NAACCR)	X	X	X			X		
N6667	Date of Diagnosis, Complete (COC)								
N0970	Date of Diagnosis, Date Flag (NAACCR)	X	X	X			X		
N2041	Date of Diagnosis, EOD Coding Sys, EOD (SEER IF33)						X		
N6071	Date of Diagnosis, Required (NAACCR)	X	X	X	X	X	X		
N1102	Date of Inpt Adm (NAACCR)								
N1082	Date of Inpt Adm Flag (NAACCR)								
N1100	Date of Inpt Adm, Date Flag (NAACCR)								
N1103	Date of Inpt Disch (NAACCR)								
N1083	Date of Inpt Disch Flag (NAACCR)								
N1101	Date of Inpt Disch, Date Flag (NAACCR)								
N2524	Date of Last Cancer (tumor) Status (COC)				X	X	X		
N2525	Date of Last Cancer (tumor) Status Flag (NAACCR)						X		
N2603	Date of Last Cancer (tumor) Status, Date 1st Crs RX COC (COC)				X	X			
N2526	Date of Last Cancer (tumor) Status, Date Flag (NAACCR)						X		
N2527	Date of Last Cancer (tumor) Status, Date Flag, Class, Date DX (COC)								
N2528	Date of Last Cancer (tumor) Status, Date Last Contact (COC)				X	X	X		
N2605	Date of Last Cancer (tumor) Status, Date of 1st Contact (COC)				X	X			
N2529	Date of Last Cancer (tumor) Status, Date of Diagnosis (COC)				X	X	X		
N2606	Date of Last Cancer (tumor) Status, Recurrence Date--1st (COC)				X	X	X		
N0022	Date of Last Contact (NAACCR DATEEDIT)		X	X	X	X	X		
N1069	Date of Last Contact Flag (NAACCR)		X	X			X		
N0312	Date of Last Contact, Cause of Death (SEER IF12)						X		
N1094	Date of Last Contact, Date Flag (NAACCR)		X	X			X		
N0024	Date of Last Contact, Date of Diag (NAACCR IF19)		X	X	X	X	X		
N6733	Date of Last Contact, Required (COC)				X	X	X		
N6744	Date of Last Contact, Required (NPCR)		X	X					
N1520	Date of Multi-Tum Lymphoma/Leukemia/Myeloma Site (NAACCR)								

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Changes for V23 New Protocols/Schemas

- AJCC Version 9 Protocols for Appendix, Anus, Brain, Medulloblastoma
 - Same AJCC ID for Appendix - 19, Anus - 21
 - New AJCC ID for Brain – 72.1, Medulloblastoma – 72.2
 - Changes in histology lists for v23
 - New Schema ID for Appendix – 09190, Anus – 09210, Brain – 09721, CNS Other – 09722, Intracranial Gland – 09723, Medulloblastoma – 09724
 - No changes in histology lists for 09190, 09210
 - Changes in histology lists for 09721, 09722, 09723, 09724

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Changes for V23 – New Data Items

- New Site-Specific Data Items
 - Clinical Margin Width – Melanoma of Skin
 - Histologic Subtype – Appendix
 - p16 – Anus [existing SSDI used in new schema]
- New Treatment Items
 - RX Hosp—Surg Prim Site 2023
 - RX Summ—Surg Prim Site 2023
 - B000-B990 for Skin
 - A000-A990 for all other primary sites
- New Data Flags
 - No Patient Contact Flag
 - Reporting Facility Restriction Flag

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Changes for V23 – Current Data Items

- Treatment Items
 - RX Hosp—Surg Prim Site renamed RX Hosp—Surg Prim Site 03-2022
 - RX Summ—Surg Prim Site rename RX Summ—Surg Prim Site 03-2022
 - Items must be blank for 2023 and later diagnoses
- Text Items
 - Length changed from 1000 to 4000 characters

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Changes for V23 – Retired Items

- Date Flags
 - All date flags retired from NAACCR Data Dictionary
 - All edits with date flags revised or deleted
- Grouped Items
 - Example - Morph—Type&Behav ICD-O-3
 - All edits with grouped items revised – Histologic Type ICD-O-3 plus Behavior Code ICD-O-3
- SEER Items
 - ICD-O-2 Conversion Flag; SEER Coding Sys—Current, Original; SEER Record Number; SEER Type of Follow-Up
 - All edits with SEER retired items revised or deleted

13

Changes for V23-Layout

- Layout no longer required with Edit Engine 5.1 .dll

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Changes Spreadsheet Corrections Page

- Usual spreadsheet, color-coding
 - Green – logic
 - Light orange – edit name change
 - Orange – description, message, agency
 - Red – deleted
 - Blue – edit included on other page of spreadsheet
- Changes in tables, edits – in alphabetical order

15

Changes Spreadsheet SEER Skips

- SEER Skips on edits for Texas and Illinois included in v22B
 - Skips revised for many edits as listed, mostly Site-Specific Data Items

16

Changes Spreadsheet Review Updates Page

- Changes to existing edits based on reviews of data items/coding instructions
 - Site-Specific Data Items
 - Allowable code for Behavior /2 identified
 - Treatment dates for NPCR edits
 - Required treatment by date of diagnosis matched to historic record of NPCR requirements
 - Summary Stage 2018 for Hematopoietic Histologies
 - Edits skipped for Type of Reporting Source = 7

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Changes Spreadsheet Updates Page

- Deleted and revised data items
- Table updates for 2023 schemas
- Edit Sets – all removals or additions of existing edits
- Edits – all deletions or changes to existing edits required for consistency with 2023 data requirements

18

Changes Spreadsheet New Edits Page

- New data items for 2023
- New tables for 2023
- New edits for 2023

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Changes Spreadsheet – Categories Page

- Edits with Changes for New Schemas
 - General, Appendix, Anus, Brain
- Edits modified for 2023 Surgery Coding
 - Pre-2023, 2023+
- Edits for new items
- Edits with other changes for 2023
- Other changes
 - Changes in dates for NPCR required treatment items, Other

20

Changes Spreadsheet – Categories Page

- Corrections
 - Deletions, Descriptions corrected, Logic changes for prior date flag removal, Other
- Deleted edits with date flags
 - Edits with date flag removed
- Edits with retired grouped data items
- Deleted edits for retired SEER data items
 - Edits modified for retired SEER data items

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Changes Spreadsheet – Categories Page

- Site-Specific Data Item Updates
 - Code for Behavior /2 identified
 - Change in RX Summ—Scope Reg LN Sur code allowed with SSDI codes
 - Code 97 added for Regional Nodes Positive
 - SSDI paired data items
 - Code 0 added for LN Assessment with LN Status = 9
 - Other
- Edits with change to applicability for earlier diagnosis date

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Customization Tips

- Delete any deleted standard edits used in custom metafile
- If any custom edits based on surgery of primary site:
 - Import any associated edit messages or tables separately
 - Import without dependencies. Update the item name in the edit name or edit logic:
 - RX Summ—Surg Prim Site >> RX Summ—Surg Prim Site 03-2022
- If any custom edits based on Site-Specific Data Items, check codes used for Behavior /2
- New data flags are meant to apply to all years

23

24

Identified Edit Problem in v23

- N2824, _SYS Schema ID, Primary Site, Histology (NAACCR)
 - Included in Edit Set NES0149, Central: Vs 23 NPCR Required – Consol-All Edits and Edit Set NES0351, Vendor _SYS Edits
- This edit does not correctly evaluate Schema ID for sites/histologies assigned to the new Schema IDs 09721, 09722, 09723
- Evaluation of AJCC ID, 09724 (Medulloblastoma), other edits referencing these Schema IDs NOT affected
- Options:
 - Hold any cases that fail until release of next metafile with corrected table
 - Remove edit from edit set used to evaluate registry consolidated data
 - Delete edit from metafile if unable to modify edit set

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Thank you for your attention!

As always, please report any problems you or your reporting facilities find in using the metafile.

NAACCR EDITS METAFILE: NAACCR_V23

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

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Agency code
Total agencies: 21

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NPCR/COC	NPCR/COC
NPCR/NPCR	NPCR/NPCR

Northcon Conversion Utility

Michelle Esterly

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Overview of NorthCon 230

September 29, 2022

Michelle Esterly
 Katmai Government Services
 Contractor to National Program of Cancer Registries
 Division of Cancer Prevention and Control
 Centers for Disease Control and Prevention

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NorthCon: General Information

- **Tool for converting files in one NAACCR Version to the next NAACCR version**

<https://www.cdc.gov/cancer/npcr/tools/registryplus/up.htm>

- **Converts files of cancer registry records; API also included in the install which can be used to perform conversion with applications other than the NorthCon executable**

- **Meets conversion specifications described in the NAACCR Implementation Guidelines and Recommendations**

<https://www.naacrr.org/implementation-guidelines/>

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V23 Conversion Specifications

Performs conversions related to radiation treatment and staging for cases diagnosed on or after January 1, 2018

Generates listings for manual review – radiation treatment
Histology
AJCC TNM if required

Performs conversion for Soft Tissue – for specified site and histology combinations,
Schema ID set to 00450
AJCC ID set to 45

Sets Staging API Version
Current fields based on version of APIs

Sets NAACCR Record
Version to 230

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NorthCon 230 Notes

- **NorthCon 230 Documentation**
 - Conversion to NAACCR v23
 - NorthCon 230 Conversion Spreadsheet
- **Validation**
- **Base Dictionaries**

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Conversion Examples

4.1 Rad Regional RX Modality [1570] and RX Summ—Radiation [1360]

The older radiation fields are not collected for newer cancers as they have been replaced by the Phase I, II and III fields. Automated changes are only made if all three radiation fields, RX Summ—Radiation [1360], Rad Regional RX Modality [1570], and Phase I Radiation Treatment Modality [1506], are in agreement (all indicate treatment, no treatment, or unknown). Manual review will be necessary if existing values are in conflict (see below).

If Date of Diagnosis on or after January 1, 2018 and RX Summ—Radiation [1360] is not blank OR Rad Regional RX Modality [1570] is not blank:

If RX Summ—Radiation = 0, 7 (no radiation) or blank and Rad Regional RX Modality = 00 or blank and Phase I Radiation Treatment Modality [1506] = 00

Set RX Summ—Radiation to blank

Set Rad Regional RX Modality to blank

8/8/2022 5

4.4 AJCC Version 9 Cervix Uteri Histologies

The following histology terms and codes were used by pathologists in 2021 in the CAP Protocol, but registrars did not have access to these codes. Cervix (C530 – C539) cases diagnosed in 2021 are flagged for review to identify when the pathology report used the following histologies so they can be recoded.

For Date of Diagnosis [390] on or after January 1, 2021 where AJCC ID [995] = 52 (Cervix Uteri), manual review is recommended for all cases, all Histology ICD-O-3 [522] codes. Recommend review of all cases to see if they should have been more appropriately coded to one of the following histologies:

- 8085 Squamous cell carcinoma, HPV-associated
- 8086 Squamous cell carcinoma, HPV-independent
- 8483 Adenocarcinoma, HPV-associated
- 8484 Adenocarcinoma, HPV-independent, NOS
- 8482 Adenocarcinoma, HPV-independent, gastric type
- 8310 Adenocarcinoma, HPV-independent, clear cell type
- 9110 Adenocarcinoma, HPV-independent, mesonephric type

As these are being reviewed, if p16 [3956] is blank, the text should also be reviewed and p16 must be set.

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Resources

- **NAACCR 2023 Implementation Guidelines and Recommendations**
(<https://www.naacr.org/implementation-guidelines/>)
- **NorthCon 230 Conversion Spreadsheet**
(<https://www.cdc.gov/cancer/npcr/tools/registryplus/up.htm>)
- **Conversion to NAACCR v23.docx**



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Thank you!

Go to the official federal source of cancer prevention information:
www.cdc.gov/cancer

For questions regarding Registry Plus tools contact: cancerinformatics@cdc.gov



Division of Cancer Prevention and Control
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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.

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Creating a v23 Metafile

Mathew Mayfield

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Developing a V23 Metafile: Importing Customizations

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

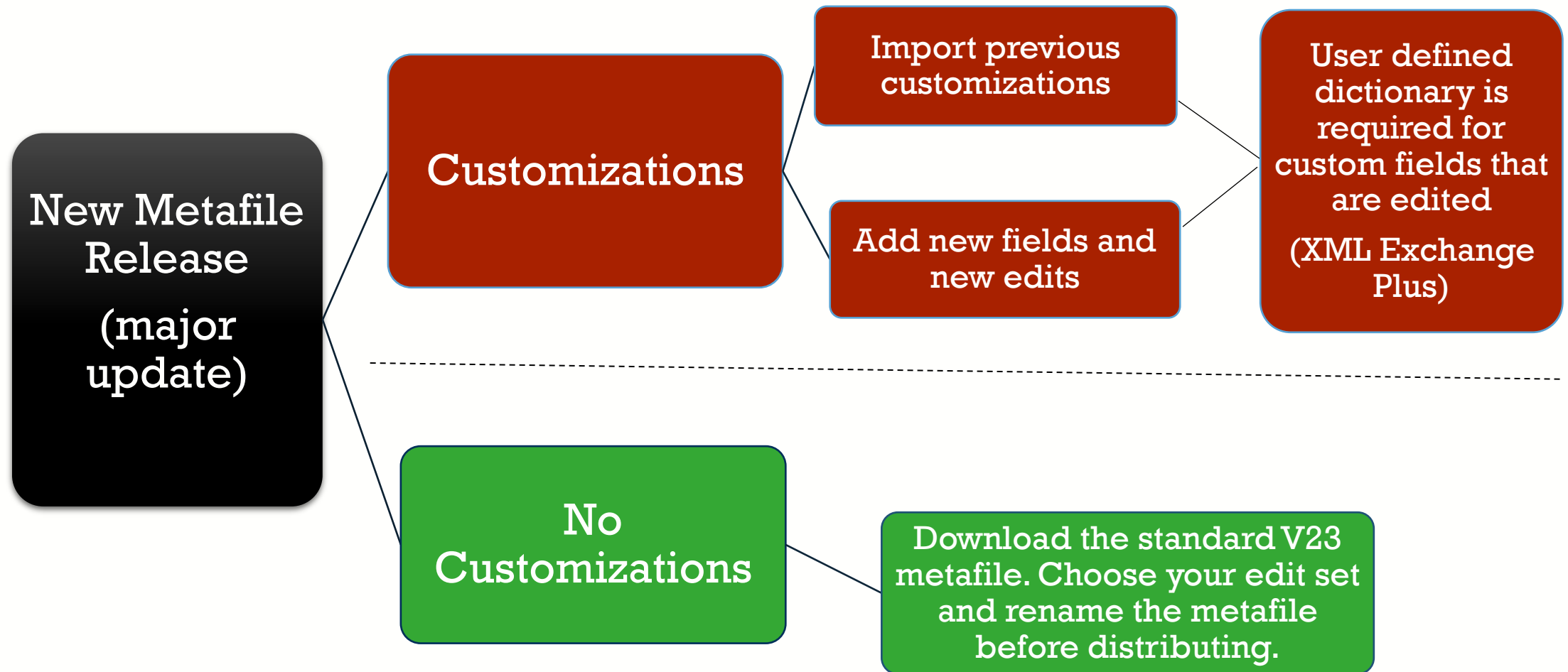


Focus of this Presentation

IMPORTING FROM PREVIOUS METAFILE

- NPCR's **EditWriter** software
- Associated with a **major update** or **new metafile** version release
- Agencies will import V22 customizations (Import metafile) into V23 standard metafile (Target metafile)
- V23 does not require a LAYOUT
- Import order is important!
- Some agencies may require a different approach to updating custom objects. Support is available at: cancerinformatics@cdc.gov.

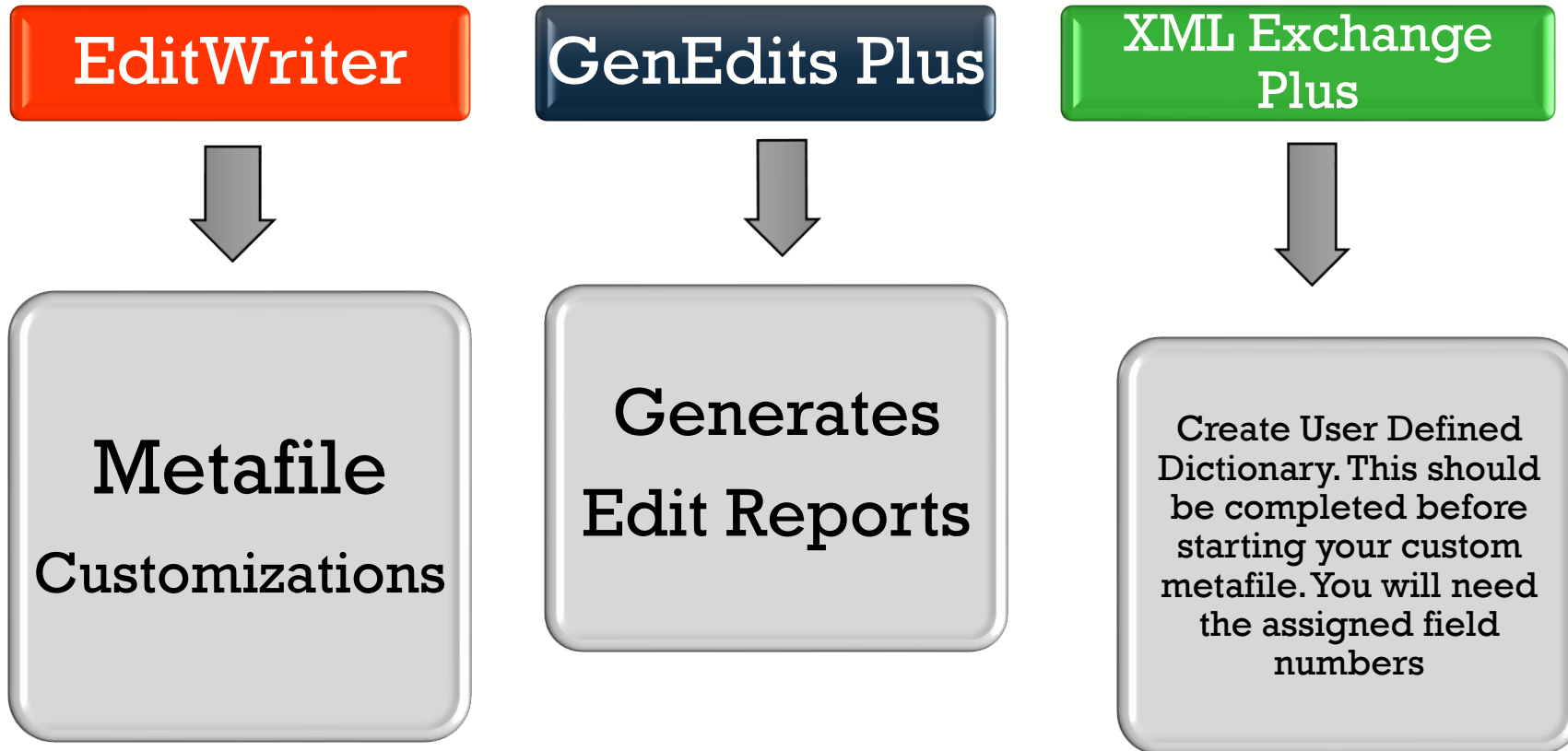
New Metafile Release



PRIOR TO BEGINNING THIS PROCESS

- ❑ Review the NAACCR V23 changes spreadsheet
 - ❑ [Standards for Cancer Registries, Standard Data Edits, Volume IV – NAACCR](#)
- ❑ Carefully review custom edits and edit sets
 - ❑ Edits have changed (see Elaine's presentation)
 - ❑ Edit examples: N2824, N2843, N6780-84
 - ❑ Avoid reintroducing deleted edits
 - ❑ Any customized edits with a DATE FLAG should *not* be imported
 - ❑ All changes will need to be incorporated in your custom edits/edit sets
- ❑ Create a User Defined Dictionary: NPCR's XML Exchange Plus
 - ❑ Match field number in metafile with data dictionary
 - ❑ We recommend newly added custom item numbers range from 9500-9999 to be consistent with NPCR RegPlus control tables (9000-9999 allowable)

NPCR-EDITS Software

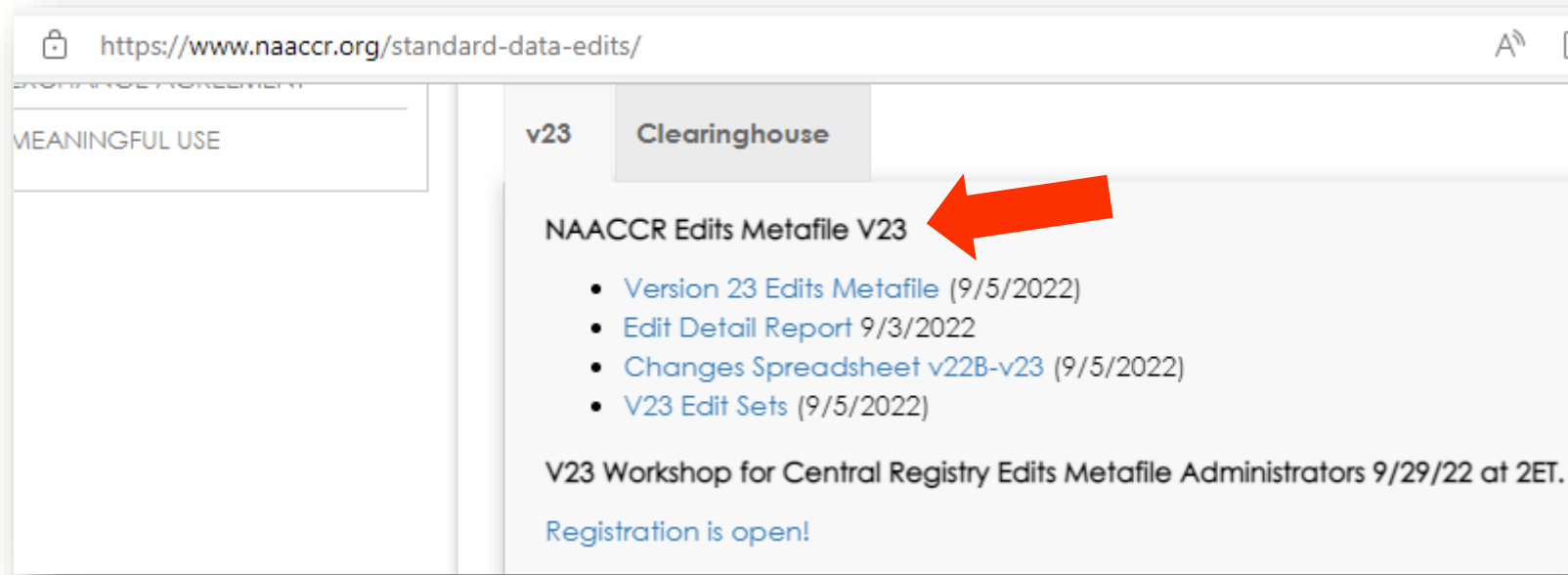


<https://www.cdc.gov/cancer/npcr/tools/edits/edits50.htm>

EditWriter: Import Metafile Definitions

- Target Metafile
 - Metafile that will *receive* imported objects (V23)
- Import or Source Metafile
 - Metafile from which objects will be selected for import (V22)

Download the V23 metafile



Download the V23 NAACCR metafile to any location on your computer.

Download NPCR's EditWriter

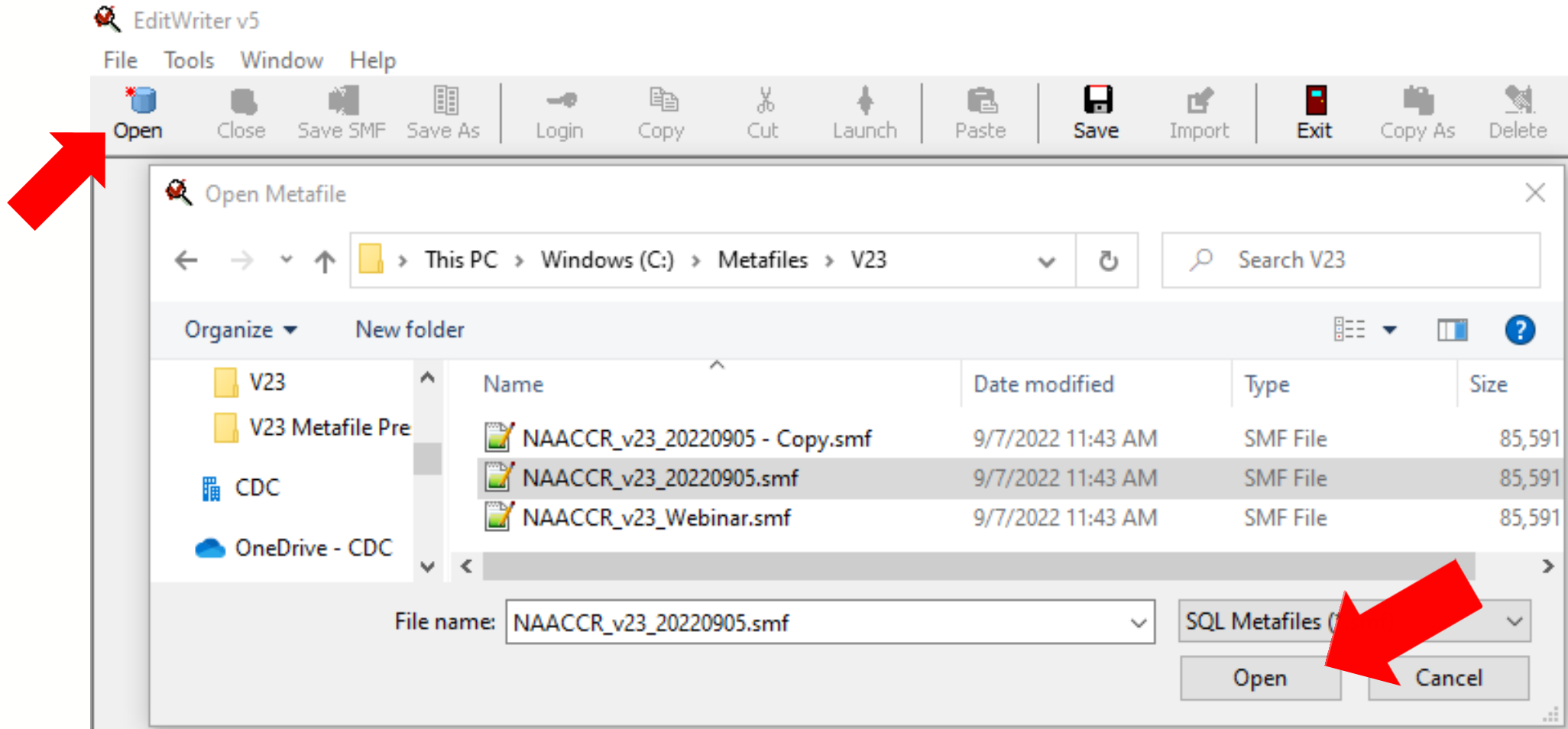


The screenshot shows a web browser window with the address bar displaying <https://www.cdc.gov/cancer/npcr/tools/edits/edits50.htm>. The page content includes a sidebar on the left with links for 'Technical Support', 'Staging API', 'Security', and 'Cancer'. The main heading is 'Installation EditWriter 5'. Below the heading, the text 'Download EditWriter 5—' is followed by a bulleted list of two download options:

- 32-bit version [setup_ew5_32bit_2017Aug15.exe](#) (executable file size 15.5MB)
- 64-bit version [setup_ew5_64bit_2017Aug15.exe](#) (executable file size 16.8MB)

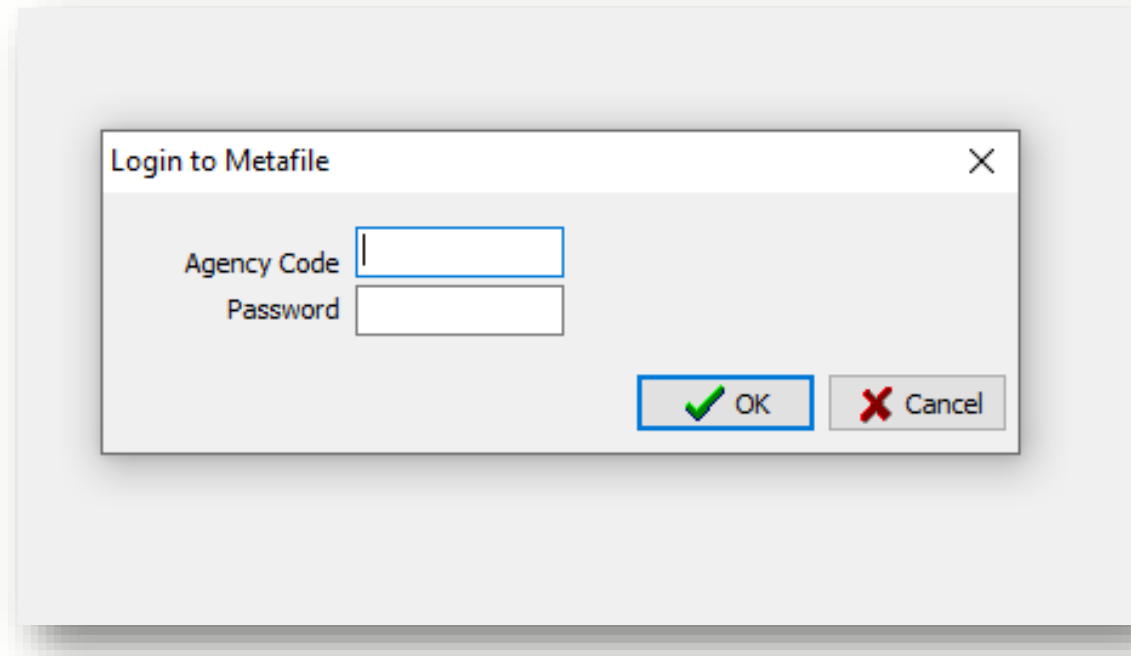
Download or verify you are using the latest version of EditWriter. Note that the version shown (2017Aug15) is appropriate for V23 customizations.

Open the V23 metafile in EditWriter



Select OPEN (upper left) and browse to the location on your computer where you saved the V23 metafile. Now select OPEN in the file window (lower right).

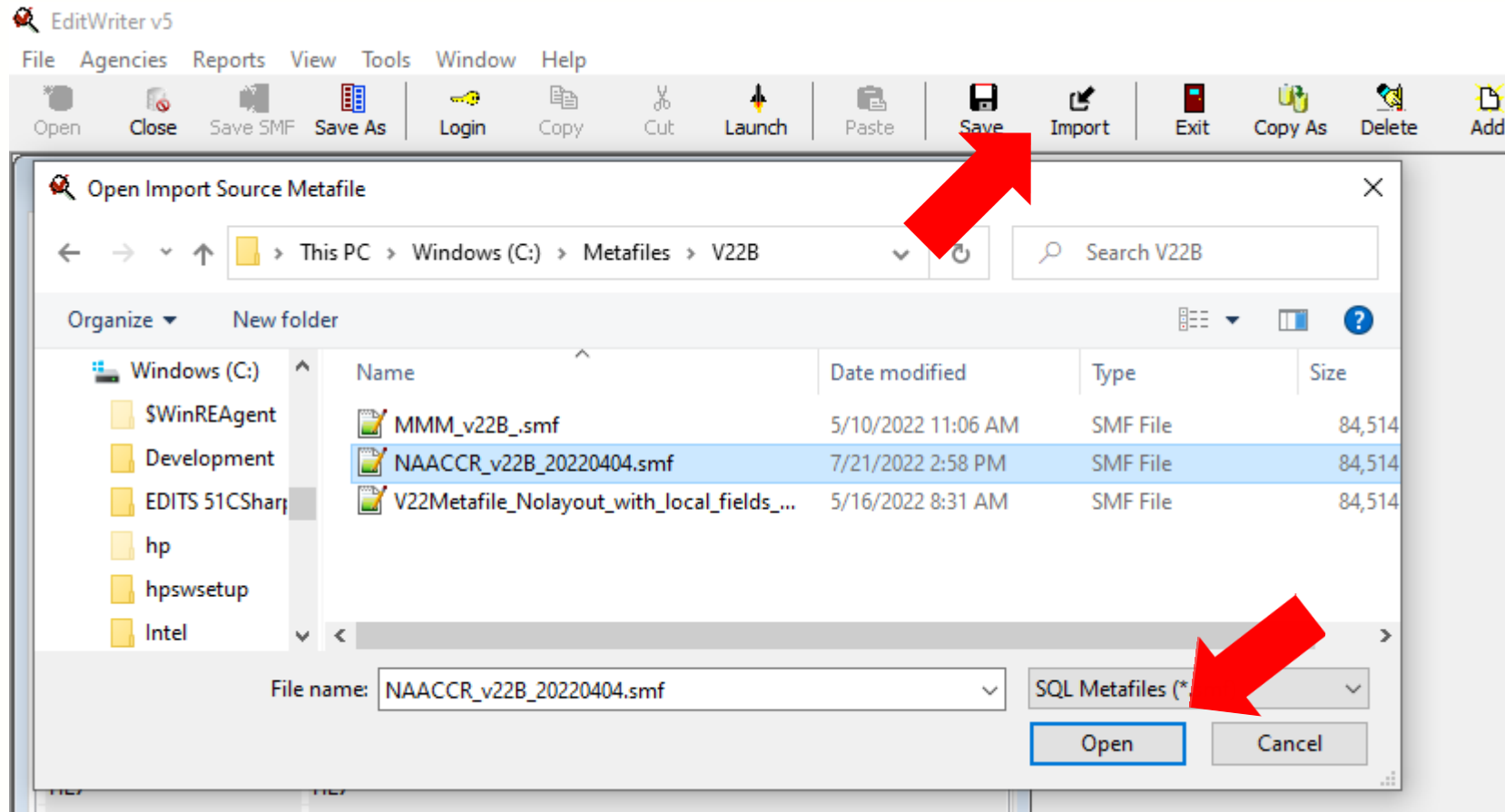
Login Prompt will appear



Select CANCEL to access the V23 metafile without logging 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.

Import Metafile: Open your V22B Metafile



Select IMPORT from the EditWriter tool bar and browse to your customized V22 metafile. Highlight the metafile you need and select OPEN in the file browser.

Import Metafile Options: Use TAG to Match Objects

Metafile: NAACCR_v23_20220905.smf

Agency code
Total agencies: 21

Code	Organization Name
AJCC	
AJCC/NPCR	
CCCR	
CENSUS	
Census/NPCR	
CMS	
COC	
COC/AJCC	
COC/REMOVED	
CS	
FIPS/SEER	
HL7	
NAACCR	
NAACCR/COC	
NAACCR/NPCR	
NONE	
NPCR	
NPCR/COC	
Other	
SEER	
SEER/COC	

Import from NAACCR_v22B_20220404.smf

Agencies match on AdminCode
Edits match on
Edit Sets match on
Fields match on FieldNumber
Layouts match on
Messages match on MessageNumber
Tables match on TableName

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

Match Edits on
 Edit Name Edit Tag

Match Edit Sets on
 Edit Set Name Edit Set Tag

Match Layouts on
 Layout Name Layout Tag

OK Cancel

Write to log No log needed Show Log

Import Stop! Close

Keep default options on TAG and select OK.

MCO IMPORT ORDER



Import from NAACCR_v22B_20220404.smf

Agencies MCO

Edits

Edit Sets

Fields

Layouts

Messages

Tables

Show status

New objects only

Changed objects only

Conflict resolution needed

All objects

Filter Import Objects

Agencies match on AdminCode

Edits match on EditTag

Edit Sets match on EditSetTag

Fields match on FieldNumber

Layouts match on LayoutTag

Messages match on MessageNumber

Tables match on TableName

New/Changed Objects from Import Metafile

963 objects showing

Import Objects Grid

Status	Object	Record Key	Agency
CHG	Edit	_SYS AJCC ID, Primary Site,	NAACCR
CHG	Edit	_SYS Schema ID, Primary Sit	NAACCR
CHG	Edit	_SYS Schema ID, Primary Sit	NAACCR
CHG	Edit	Adenoid Cystic Basaloid Patte	NAACCR
CHG	Edit	Adenopathy, Schema ID, Req	NAACCR
CHG	Edit	AFP Post-Orchiectomy Lab Va	SEER
CHG	Edit	AFP Post-Orchiectomy Range	NAACCR
CHG	Edit	AFP Pre-Orchiectomy Lab Val	SEER
CHG	Edit	AFP Pre-Orchiectomy Range,	SEER
CHG	Edit	AFP Pre-Orchiectomy Range,	SEER
CHG	Edit	AFP Pretreatment Interpretat	SEER
CHG	Edit	AFP Pretreatment Lab Value,	SEER

Objects Selected for Import into Target Metafile

0 objects showing

Status	Object	Record Key	Agency

Objects selected for import will show here

Generates Report of Object

Write to log No log needed

Agencies match on AdminCode
Edits match on EditTag
Edit Sets match on EditSetTag
Fields match on FieldNumber
Layouts match on LayoutTag
Messages match on MessageNumber
Tables match on TableName

Agencies
 Edits
 Edit Sets
 Fields
 Layouts
 Messages
 Tables

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

New/Changed Objects from Import Metafile
Objects Selected for Import into Target Metafile

1 objects showing
FILTERED
0 objects showing

Status	Object	Record Key	Agency		Status	Object	Record Key	Agency
NEW	Agency	Alabama State Cancer Regist	ASCR	→				

Diff
View

Write to log No log needed Show Log

Import Stop! Close

Select only AGENCIES from the MCO menu and import your agency to the V23 metafile.

Move highlighted object from Import Metafile into Target Metafile Grid

Select Import

Import Custom Fields

Import from NAACCR_v22B_NAACCR V23 Webinar.smf

Agencies Show status
 Edits New objects only
 Edit Sets Changed objects only
 Fields Conflict resolution needed
 Layouts All objects
 Messages
 Tables

New/Changed Objects from Import Metafile
65 objects showing
FILTERED

Status	Object	Record Key	Agency
CHG*	Field	RX Hosp--Surg Prim Site [#	COC
NEW	Field	Subsq RX 2nd Course Codes	COC
NEW	Field	Subsq RX 3rd Course Codes	COC
NEW	Field	Subsq RX 4th Course Codes	COC
CHG*	Field	MMRegional Nodes Examined	MMM
CHG*	Field	MMRegional Nodes Positive	MMM
NEW	Field	Date 1st Crs RX COC Flag [#	NAACCR
NEW	Field	Date Conclusive DX Flag [#	NAACCR
NEW	Field	Date Initial RX SEER Flag [#	NAACCR
NEW	Field	Date of 1st Contact Flag [#	NAACCR
NEW	Field	Date of Birth Flag [#	NAACCR
NEW	Field	Date of Death--CanadaFlag	NAACCR

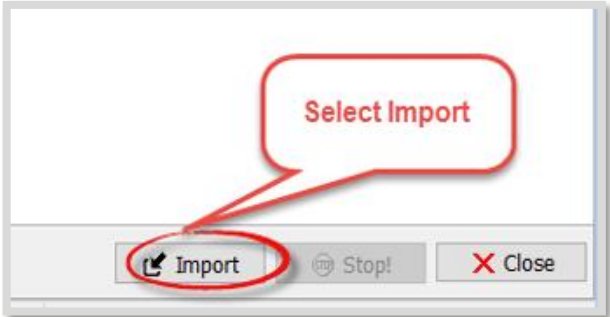
Objects Selected for Import into Target Metafile
0 objects showing

Diff View

Filter to your agency for quick access to your custom objects

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

Move highlighted object from import metafile into target metafile grid



Import Custom Messages

The screenshot shows a software interface for importing custom messages. It features two main grids: 'New/Changed Objects from Import Metafile' (left) and 'Objects Selected for Import into Target Metafile' (right). The left grid contains 202 objects, with one highlighted. The right grid contains 2 objects. A 'FILTER' section is located between the grids. A 'Select Import' dialog box is open at the bottom right, with the 'Import' button circled in red. Two red callout boxes provide instructions: one points to the 'Agency' column in the left grid, and another points to the right arrow button between the grids.

Filter to your agency for quick access to your custom objects

Move highlighted object from import metafile into target metafile grid

Select Import

Import Stop! Close

Status	Object	Record Key	Agency
NEW	Message	7572: If %F2 > %F1, %F3 must	COC
NEW	Message	7711: %F1 must be blank for ca	COC
CHG	Message	4901: Conflict between %F4 (%'	CS
NEW	Message	9110: STORE MANUAL page 52	MMM
NEW*	Message	9111: STORE MANUAL page 81	MMM
CHG	Message	1040: Conflict between surgery	NAACCR
CHG	Message	1115: N: %F1 and %F2 must no	NAACCR
CHG	Message	1116: %F1 must equal "220" for	NAACCR
CHG	Message	4892: For %F6 of %V6, %F3 of	NAACCR
CHG	Message	7148: %F1 must be valid combir	NAACCR
CHG	Message	7188: %F1 and %F2 are incom	NAACCR
NEW	Message	7200: %V1 is not valid %F1 for	NAACCR

Status	Object	Record Key	Agency
IMP	Field	MMRegional Nodes Examined [#	MMM
IMP	Field	MMRegional Nodes Positive [# 9	MMM

Import Custom Tables

The screenshot shows a software interface for importing custom tables. It features two main grids: 'New/Changed Objects from Import Metafile' (50 objects showing) and 'Objects Selected for Import into Target Metafile' (4 objects showing). The 'New/Changed Objects' grid has a 'FILTERED' label above it. A red callout points to the 'Agency' column in this grid, stating: 'Filter to your agency for quick access to your custom objects'. A second red callout points to an arrow icon between the two grids, stating: 'Move highlighted object from import metafile into target metafile grid'. A third red callout points to the 'Import' button at the bottom right, stating: 'Select Import'. The 'Import' button is circled in red.

Agencies Show status
 Edits New objects only
 Edit Sets Changed objects only
 Fields Conflict resolution needed
 Layouts All objects
 Messages
 Tables

Tables match on TableName

New/Changed Objects from Import Metafile

Objects Selected for Import into Target Metafile

50 objects showing

FILTERED

Status	Object	Record Key	Agency
CHG	Table	GEN_CONFIRM	NAACCR
CHG	Table	GRADE09	NAACCR
CHG	Table	GRADEED8	NAACCR
CHG	Table	IF25_3	NAACCR
CHG	Table	IF25_REF	NAACCR
CHG	Table	NOGEN_CONFIRM	NAACCR
CHG	Table	SCHEMA_ID_NAMES	NAACCR
CHG	Table	SCHEMA_SITE_REF	NAACCR
CHG	Table	SCHEMAID_AJCCID	NAACCR
CHG	Table	SCHEMAID2018STGP	NAACCR
CHG	Table	SURG22	NAACCR
CHG	Table	EODPT2018	SEER

4 objects showing

Status	Object	Record Key	Agency
IMP	Field	MMRegional Nodes Examined [#	MMM
IMP	Field	MMRegional Nodes Positive [# 9	MMM
FW	Message	9110: STORE MANUAL page 52	MMM
FW	Message	9111: STORE MANUAL page 81	MMM

Import Stop! Close

Import Custom Edits

Agencies match on AdminCode
Edits match on EditTag

Agencies Edits
 Edit Sets
 Fields
 Layouts
 Messages
 Tables

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

New/Changed Objects from Import Metafile
624 objects showing

Objects Selected for Import into Target Metafile
6 objects showing

FILTERED

Status	Object	Record Key	Agency
CHG	Edit	CS TS/Ext Eval, Surgery, Prostal	CS
CHG	Edit	_SYS AJCC ID, Primary Site, Hist	NAACCR
CHG	Edit	_SYS Schema ID, Primary Site,	NAACCR
CHG	Edit	_SYS Schema ID, Primary Site,	NAACCR
CHG	Edit	Adenoid Cystic Basaloid Pattern,	NAACCR
CHG	Edit	Adenopathy, Schema ID, Require	NAACCR
CHG	Edit	AFP Post-Orchiectomy Range, S	NAACCR
CHG	Edit	AJCC TNM Items, Type Reportin	NAACCR
CHG	Edit	Anemia, Schema ID, Required (I	NAACCR
CHG	Edit	B Symptoms, Schema ID, Require	NAACCR
CHG	Edit	Behavior Code ICDO3, Summary	NAACCR
CHG	Edit	Behavior ICDO3, Summary Stage	NAACCR

Status	Object	Record Key	Agency
NEW	Edit	MMRegional Nodes Ex, Reg Node	MMM
NEW	Edit	MMSummary Stage 2000, Over-	MMM
	Field	MMRegional Nodes Examined [#	MMM
	Field	MMRegional Nodes Positive [# 9	MMM
NEW	Message	9110: STORE MANUAL page 52	MMM
NEW	Message	9111: STORE MANUAL page 81	MMM

Filter to your agency for quick access to your custom objects

Move highlighted object from import metafile into target metafile grid

Select Import

Import Stop! Close

Import Custom Edit Sets

Import from NAACCR_v22B_NAACCR V23 Webinar.smf

Agencies match on AdminCode

Agencies Show status
 Edits New objects only
 Edit Sets Changed objects only
 Fields Conflict resolution needed
 Layouts All objects
 Messages
 Tables

New/Changed Objects from Import Metafile

Objects Selected for Import into Target Metafile

FILTERED

26 objects showing

Status	Object	Record Key	Agency
CHG*	Edit Set	Hosp: Vs22 COC Required - All	COC
CHG*	Edit Set	Hosp: Vs22 COC Required - All+	COC
NEW	Edit Set	MMM: Vs22 State Example - Inc	MMM
CHG*	Edit Set	AJCC Edits for 2018	NAACCR
NEW	Edit Set	Blank TNM Fields Edits	NAACCR
NEW	Edit Set	Census Tract, County GC Codes	NAACCR
CHG*	Edit Set	Central: Vs22 State Example - Ir	NAACCR
CHG*	Edit Set	EOD Edits for 2018	NAACCR
NEW	Edit Set	Extent of Disease Edits	NAACCR
NEW	Edit Set	Name--Birth Surname, Check fo	NAACCR
NEW	Edit Set	Over-ride Misuse	NAACCR
CHG	Edit Set	Quality Control Edits	NAACCR

6 objects showing

Status	Object	Record Key	Agency
NEW	Edit	MMRegional Nodes Ex, Reg Node	MMM
NEW	Edit	MMSummary Stage 2000, Over-	MMM
NEW	Field	MMRegional Nodes Examined [#	MMM
NEW	Field	MMRegional Nodes Positive [# 9	MMM
NEW	Message	9110: STORE MANUAL page 52	MMM
NEW	Message	9111: STORE MANUAL page 81	MMM

Import

Stop!

Close

Filter to your agency for quick access to your custom objects

Move highlighted object from import metafile into target metafile grid

Select Import

LAYOUTS

- Starting with V23, metafile LAYOUTS are no longer required
- Edits will correspond with the data dictionary by way of item numbers

Agencies Show status
Edits New objects only
Edit Sets Changed objects only
Fields Conflict resolution needed
Layouts All objects
Messages
Tables

Agencies match on AdminCode
Edits match on EditTag
Edit Sets match on EditSetTag
Fields match on FieldNumber
Layouts match on LayoutTag
Messages match on MessageNumber
Tables match on TableName

New/Changed Objects from Import Metafile

Objects Selected for Import into Target Metafile

1 objects showing FILTERED

Status	Object	Record Key	Agency
NEW	Layout	NAACCR v22B XML RP-99	MMM

6 objects showing

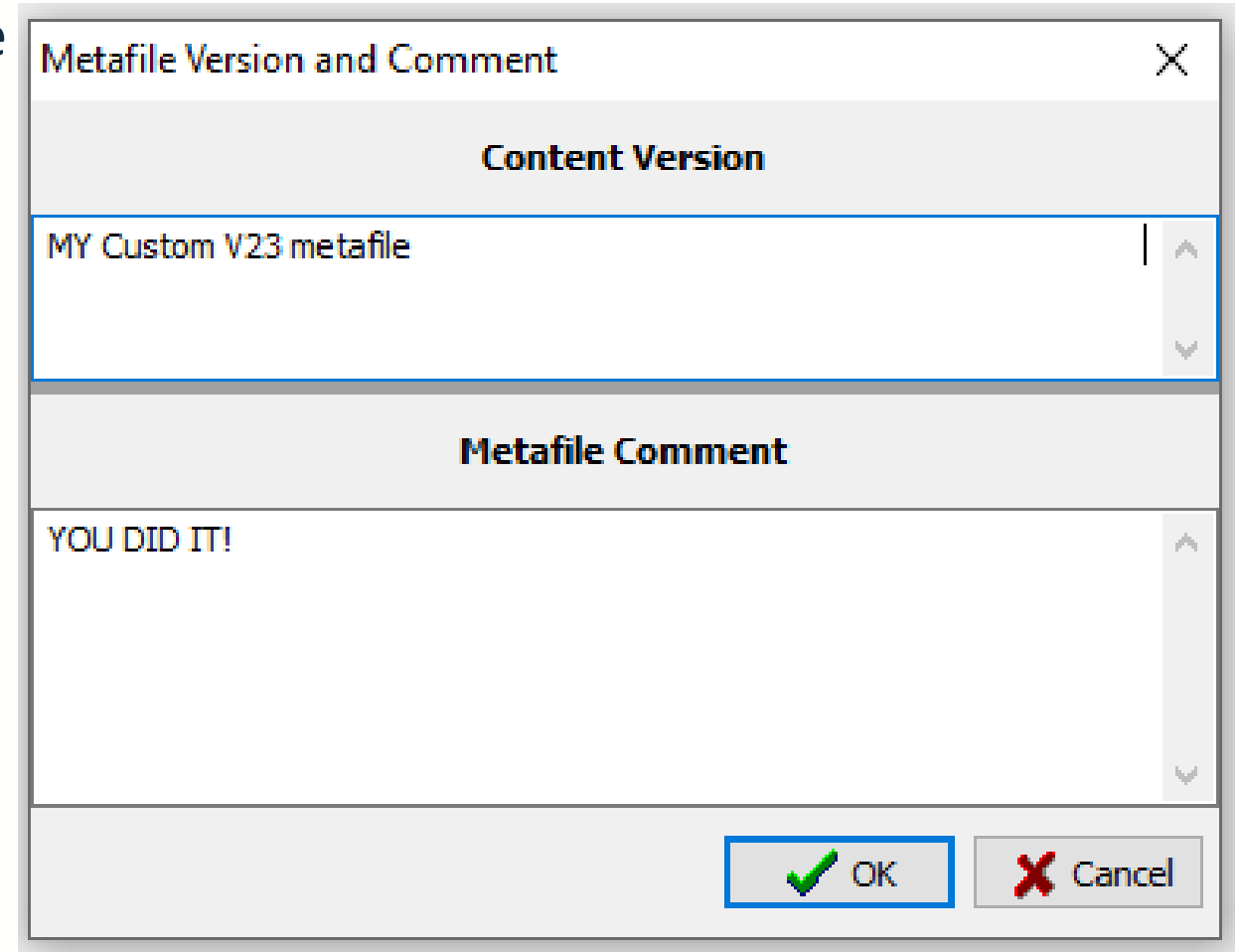
Status	Object	Record Key	Agency
NEW	Edit	MMRegional Nodes Ex, Reg Node	MMM
NEW	Edit	MMSummary Stage 2000, Over-	MMM
IMP	Field	MMRegional Nodes Examined [#	MMM
IMP	Field	MMRegional Nodes Positive [# 9	MMM
NEW	Message	9110: STORE MANUAL page 52	MMM
NEW*	Message	9111: STORE MANUAL page 81	MMM

Write to log No log needed Show Log

Do not import a LAYOUT to V23

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

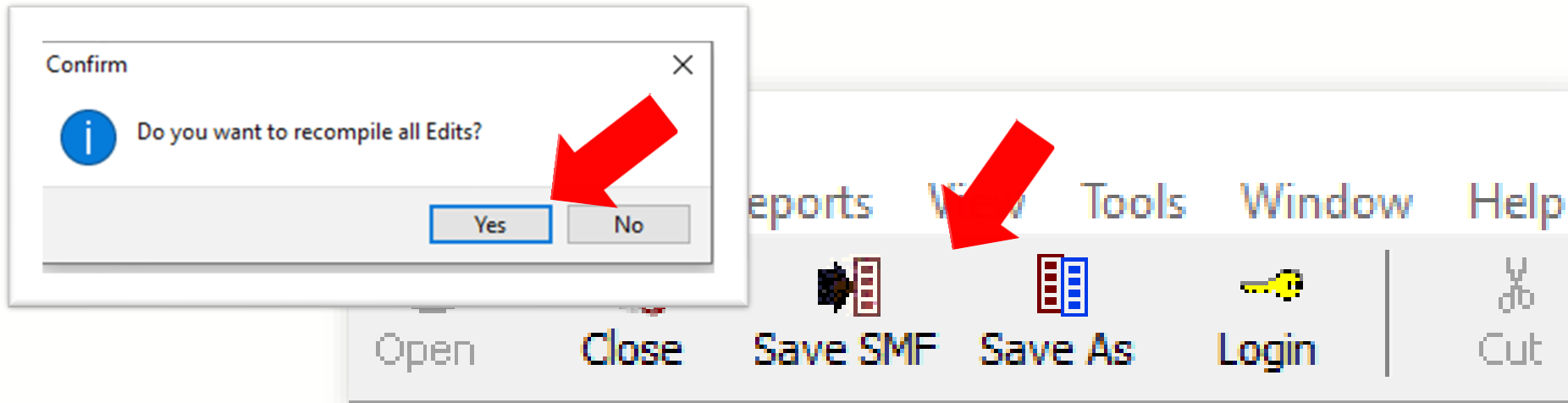
MY Custom V23 metafile

Metafile Comment

YOU DID IT!

OK Cancel

RECOMPILE EDITS AND SAVE YOUR METAFILE (SMF)



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

Next steps:

- You will use GenEDITS to process your datafile edit reports.

Resources

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

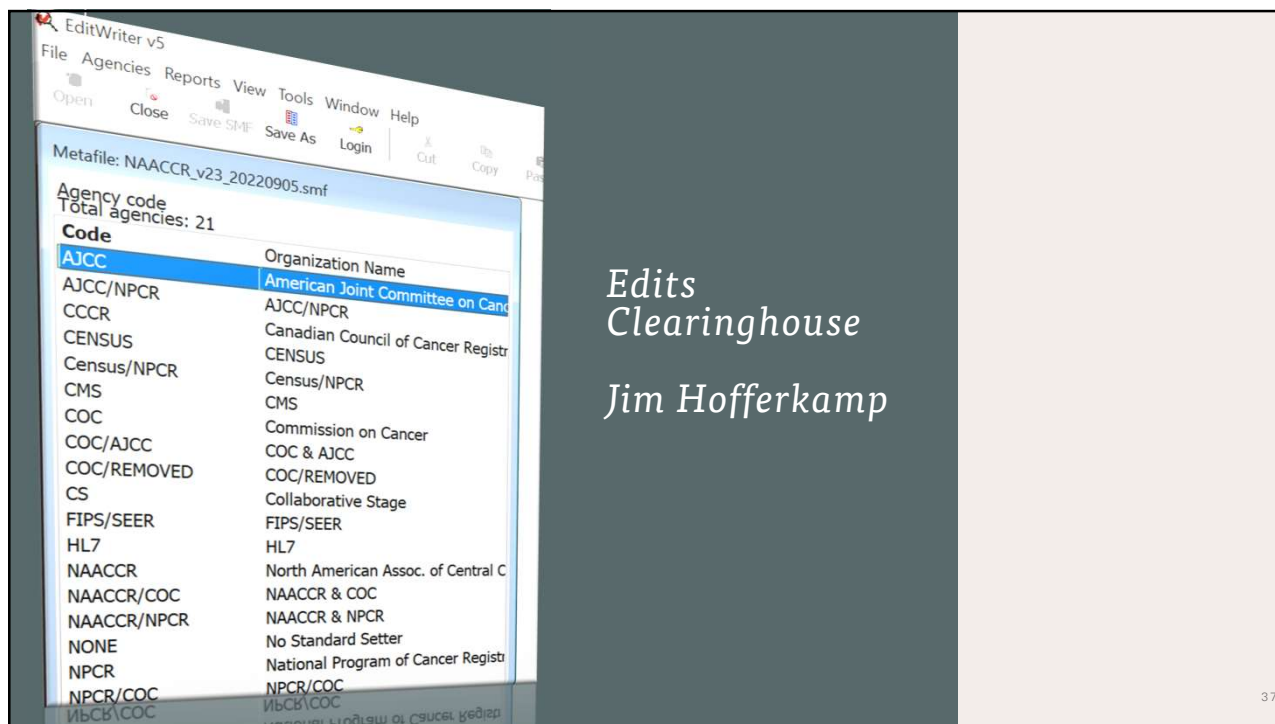
www.cdc.gov/cancer



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.



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Edits Clearinghouse

- Central registries should post their v23 edits metafile by 10/15/22
- Current posts will be removed once the site is updated.
- If a custom metafile is not posted, please indicate "Not Applicable" in the version field.

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Edits Clearinghouse

- A v22 metafile may also be posted if needed.
 - If a v22 metafile has already been distributed and no changes have been made, there is no need to repost.
 - If changes are made to the v22 metafile, a new metafile may be posted with the v23 metafile.

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Uploaded Metafiles

- Files will be visible without login
- Metafile version field added

The screenshot shows the 'v23 Clearinghouse' interface. At the top, there are two buttons: 'Submit your Metafile' and 'Subscribe to Registries'. Below these, a paragraph states: '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.' This is followed by three bullet points: '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.', and '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.' A fourth bullet point says: 'To subscribe to registries and get email notifications when new files are uploaded, visit our Subscribe to Registries Page.' Below the text is a search bar with 'Search:' and a dropdown menu for 'Order by:' with options '--Alphabet--' and '--Date--'. At the bottom of the search area is a 'LOAD MORE' button.

Sr No	Registry Name	Uploaded Files	Metafile Version	Upload Date & Time	Name
1	Alabama statewide cancer registry	View Metafile	Version 23	2022-09-26 13:30:06	Test QA
2	Alaska-seer alaska native tumor registry	View Metafile View Metafile	Version 24	2022-09-26 13:34:48	Testname

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Upload Portal

- Must login to view
- Metafile version field
 - Text field
 - Multiple fields
 - Recommended format
 - V22 v23
 - Not applicable
- Comment field removed

Your Metafile must be zipped prior to uploading, a SMF file will not be accepted. Other files do not have to be zipped.

Name

Email Id

Upload File
 No file chosen

Metafile Version

---Select Registry Name ---

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Submission Portal

- Must login
- Select all option has been added
- Can see which registries you have subscribed to follow

NAACCR Edits Clearinghouse Notification Subscription

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 edits metafile.

SUBSCRIBE TO RECEIVE EMAIL NOTIFICATIONS

Select All

Select Registry Name

- Alabama Statewide Cancer Registry
- Alaska Cancer Registry
- Alaska-SEER Alaska Native Tumor Registry
- Alberta Cancer Registry
- Arizona Cancer Registry

Email Address

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Metafile: NAACCR_v23_20220905.smf

Agency code
Total agencies: 21

Code	Organization Name
AJCC	American Joint Committee on Cancer
AJCC/NPCR	AJCC/NPCR
CCCR	Canadian Council of Cancer Registrars
CENSUS	CENSUS
Census/NPCR	Census/NPCR
CMS	CMS
COC	Commission on Cancer
COC/AJCC	COC & AJCC
COC/REMOVED	COC/REMOVED
CS	Collaborative Stage
FIPS/SEER	FIPS/SEER
HL7	HL7
NAACCR	North American Assoc. of Central Cancer Registries
NAACCR/COC	NAACCR & COC
NAACCR/NPCR	NAACCR & NPCR
NONE	No Standard Setter
NPCR	National Program of Cancer Registrars
NPCR/COC	NPCR/COC

Questions?

Jim Hofferkamp
jhofferkamp@naaccr.org

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Metafile: NAACCR_v23_20220905.smf

Agency code
Total agencies: 21

Code	Organization Name
AJCC	American Joint Committee on Cancer
AJCC/NPCR	AJCC/NPCR
CCCR	Canadian Council of Cancer Registrars
CENSUS	CENSUS
Census/NPCR	Census/NPCR
CMS	CMS
COC	Commission on Cancer
COC/AJCC	COC & AJCC
COC/REMOVED	COC/REMOVED
CS	Collaborative Stage
FIPS/SEER	FIPS/SEER
HL7	HL7
NAACCR	North American Assoc. of Central Cancer Registries
NAACCR/COC	NAACCR & COC
NAACCR/NPCR	NAACCR & NPCR
NONE	No Standard Setter
NPCR	National Program of Cancer Registrars
NPCR/COC	NPCR/COC

Thank you!

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