V22B Update for Central Registry Edits Metafile Administrators

March 31, 2022

CHANGE SPREADSHEETS
V21D to V22 to V22A to V22B
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

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  • Some changes may be superseded by later changes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
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

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
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+

CHANGE SPREADSHEET V22A to V22B
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

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
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

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
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

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
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

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
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 Edits Clearinghouse
Jim Hofferkamp, CTR
NAACCR Metafile Manager
Must be linked to your registry

Must include all files to be posted

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

Hello Tyler,
Name: Barbara Evans

Email Id: bevans@salud.unm.edu

View and approve:

Registry Name: New Mexico tumor registry
Attachments: NAACCR_V22A_2020001_XML_type1.pdf

Regards,
NAACCR Team
Edits Clearinghouse

<table>
<thead>
<tr>
<th>Sr No</th>
<th>Registry Name</th>
<th>Uploaded Files</th>
<th>Upload Date &amp; Time</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alabama statewide cancer registry</td>
<td>Edits Metafile</td>
<td>2022-02-01 15:22:36</td>
<td>Farzana Salimi</td>
</tr>
<tr>
<td>2</td>
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<td>3</td>
<td>Arizona cancer registry</td>
<td>Instructions</td>
<td>2021-09-28 14:29:17</td>
<td>Keith Laubham</td>
</tr>
<tr>
<td>4</td>
<td>Arkansas central cancer registry</td>
<td>Edits Metafile</td>
<td>Instructions</td>
<td>2021-09-27 09:46:04</td>
</tr>
<tr>
<td>5</td>
<td>California cancer registry</td>
<td>Edits Metafile</td>
<td>2022-01-10 16:29:46</td>
<td>Scott Wood</td>
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<td>6</td>
<td>Colorado central cancer registry</td>
<td>Edits Metafile</td>
<td>Instructions</td>
<td>2021-10-01 11:40:30</td>
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<td>7</td>
<td>Colorado central cancer registry</td>
<td>Edits Metafile</td>
<td>2021-10-22 17:17:08</td>
<td>Valerie Somma</td>
</tr>
<tr>
<td>8</td>
<td>District of Columbia cancer registry (dccr)</td>
<td>Edits Metafile</td>
<td>2021-12-06 11:49:59</td>
<td>Alfredo Woods, BS, CHES, CTR</td>
</tr>
</tbody>
</table>

Questions?
Thank you!

- jhofferkamp@naaccr.org
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

- **Custom V21, V22**: Download V22B and Import Custom Objects
- **Custom V22A**: Download V22B and Import Custom Objects
- **No Custom Objects**: Download V22B and use as-is to run edit error reports in GenEDITS 5

https://www.cdc.gov/cancernpcr/tools/edits/edits50.htm
Focus of this Presentation

- 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

IMPORTING OBJECTS
Select Cancel to enter the V22B Metafile
Select Import

Metafile: MMM_v22B_webinar 202203331.smf

Agency code
Total agencies: 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Organization Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td>No Standard Setter</td>
</tr>
</tbody>
</table>
Browse to your V22A Metafile and Open
Import Metafile by Tags
Import Order

- Agencies
- Fields
- Messages
- Tables
- Edits
- Edit Sets
- Layouts
Importing Agency Code and Password

- Agencies
- Edits
- Edit Sets
- Fields
- Layouts
- Messages
- Tables

Show status:
- New objects only
- Changed objects only
- Conflict resolution needed
- All objects
Import your Agency
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
NAACCR Edits Clearinghouse

Jim Hofferkamp, CTR
NAACCR Metafile Manager

Hospital registries preparing a submission for NO28 should downdate their metafiles from https://www.facs.org/qualify-programs/cancer/metadatabase/edits

EDITs METAFILE and associated documents

The NAACCR Edits Metafile is a collection of data validation programs, or edits, applied to cancer data collected and reported in a standardized format, with standardized data definitions and reporting 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 and representatives from the National Cancer Registry Association (NCRA) from central cancer registries, and from many of the cancer registry software vendors and other interested persons. The workgroup meets at least twice per calendar year to review progress and schedule releases of new metafiles, to receive and comment on new or modified edits, and to discuss any updated issues.

A major update is typically released every August or September for use in the following calendar year. If needed, a minor update can be released at any time. The NAACCR Edits Clearinghouse provides a list of recent minor edits that apply to reporting requirements of the standard used. The NAACCR Edits Metafile is primarily used by central cancer registries to create custom event 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.

A NAACCR 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. It also provides a space where vendors, users of the registry metafiles, and users of the registry metafiles can ask questions and submit their own metafiles.

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 metafiles.
- To post your metafile(s) and/or associated documentation, use our Metafile Upload Form.
- If you choose to not upload your metafile, you should submit a document explaining where information concerning the metafile can be found and a contact person who can answer questions concerning the metafile.
- To subscribe to registries and get email notifications when new files are uploaded, visit our Subscription to Registries Page.
Your Metafile must be zipped prior to uploading, a SAV file will not be accepted. Other files do not have to be zipped.

Name
Jim Hofferkamp

Email id
jofferkamp@naaccr.org

Upload File
Choose Files
3 files

NAACCR

Comment:
Please remove all other files and replace with these.

Upload

Confirmation Email

Hello Tyler,
Name: Barbara Evans
Email Id: bevans@salud.unm.edu

View and approve

Registry Name: New Mexico tumor registry
Attachments: NAACCR_v22A_2022001.XML, log.txt

Regards,
NAACCR Team
Edits Clearinghouse

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