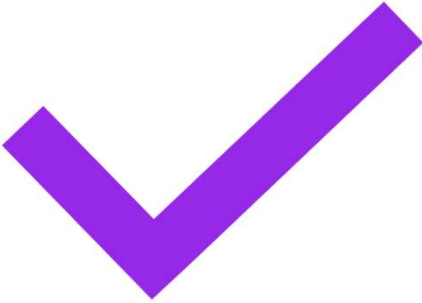





1

Agenda

- Intro
- Northcon Update
 - Michelle Esterly
- v23B-V24 Changes
 - Elaine Collins
- Creating a v24 Edits Metafile
 - Matthew Mayfield
- Edits Clearinghouse/XML Clearinghouse
 - Jim Hofferkamp



2



Northcon

Michelle Esterly

3



V24 Edit Metafile

Elaine Collins,
RHIA,CTR

4

Information Resources for v24

NAACCR 2024 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/>

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/q4rnb3ck/store-2024-may-2023-final-05192023.pdf> <https://seer.cancer.gov/tools/codingmanuals/index.html>

SEER*RSA website

- <https://staging.seer.cancer.gov/>

5

Edit Documentation

- Edits – Descriptions, Administrative Notes
 - Edit Detail Report
 - Edit Change Spreadsheet
- Tables – Properties, Edits
 - Edit Change Spreadsheet
- Fields
 - Edit Change Spreadsheet
- Edit Sets
 - Edit Set Spreadsheet
 - Edit Change Spreadsheet
- <https://www.naaccr.org/standard-data-edits/>

6

Brain Primary Tumor Location, Date DX (NAACCR)
 Edit tag: **N7027**
 Last changed: **20230905 15:58:40** Agency: **NAACCR**

Description

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

1. This data item must be blank for pre-2024 diagnoses.
2. Must be a valid Brain Primary Tumor Location code or blank:
 - 1: Pons
 - 2: Subsite other than Pons:
 - Basis peduncle
 - Cerebral peduncle
 - Choroid plexus of fourth ventricle
 - Fourth ventricle, NOS
 - Infratentorial brain, NOS
 - Medulla oblongata
 - Mid brain
 - Olive
 - Pyramid
 - 8: Not applicable, information not collected for this case
 - 9: Brain stem, NOS
 - Unknown subsite of Brain Stem
- Blank: Primary Site is NOT C717
 Diagnosis year is prior to 2024
3. This data item must be blank if Primary Site not = C717.

Another edit, Brain Primary Tumor Location, Schema ID, Required (NAACCR), checks that the item is coded by Schema ID if required by a standard setter.

Administrative Notes

New edit - NAACCR v24 metafile

7

Edit: LN Status, Vulva, EOD Regional Nodes (SEER)

Edit name: LN Status, Vulva, EOD Regional Nodes (SEER) Agency Code: SEER

Last Changed: 07/06/2023 09:44:17 Edit Tag: N6587

New edit - NAACCR v22 metafile

Edit based on N3051, withdrawn from NAACCR v22 metafile

Modifications

NAACCR v22B

- Description, logic updated, COC flag removed from edit
- Name changed from LN Status, Vulva, EOD Regional Nodes, CoC Flag (SEER)

NAACCR v24

- Description, logic updated to add Schema ID 09500
- Description, logic updated to include EOD Regional Nodes code 040 with 050

Cross-References Description Edit Logic Administrative Notes Error Messages Test Bench

Save Close

8

Update Table - AJCCIDV9STGP

Table Name: Agency Code:

Last Changed: 07/28/2023 21:04:07 Rows in Table:

New table - NAACCR v23 metafile

Modifications

NAACCR v23A
 - Name changed from AJCCID9THSTGP
 21, C210, 8215 added
 72.1, C700-C729, 8815 added
 72.1, C728, 9364, 9540 added
 72.1, C722, 9766 added
 21, duplicate 8000 removed

NAACCR v24
 Updated to include NET Ampulla, NET Appendix, NET Colon and Rectum, NET Duodenum, NET Jejunum and Ileum, NET Pancreas, NET Stomach, Vulva
 Updated to use 9001-9005 for AJCC ID V9 for Cervix, Appendix, Anus, Brain, and Medulloblastoma
 Expanded 9003, C210 to C210, C211, C212, C218

1: PKey integer NOT NULL PRIMARY KEY,
 2: GPCODE char(4) NULL default "",
 3: GPNAME varchar(25) NULL default "",
 4: SITE char(4) NULL default "",

```

CREATE INDEX xAJCCIDV9_GPCODE ON [AJCCIDV9STGP] ([GPCODE], [PKey])
CREATE INDEX xAJCCIDV9_GPNAME ON [AJCCIDV9STGP] ([GPNAME], [PKey])
CREATE INDEX xAJCCIDV9_SITE ON [AJCCIDV9STGP] ([SITE], [PKey])
CREATE INDEX xAJCCIDV9_HIST ON [AJCCIDV9STGP] ([HIST], [PKey])
CREATE INDEX xAJCCIDV9_BEHAVIOR ON [AJCCIDV9STGP] ([BEHAVIOR], [PKey])
CREATE INDEX xAJCCIDV9_SCDSR1 ON [AJCCIDV9STGP] ([SCDSR1], [PKey])
CREATE INDEX xAJCCIDV9_SCDSR2 ON [AJCCIDV9STGP] ([SCDSR2], [PKey])
CREATE INDEX xAJCCIDV9_YEAR ON [AJCCIDV9STGP] ([YEAR], [PKey])
        
```

Content Properties Edits

Add Row Delete Row Modify Table Columns Zap Append Export Save Close

9

jit Tag	Edit Name	Canadian	Central: V	Central: V	Hosp: Vs2	SEER: Vs 2	Quality Co	Vendor	_SSSDI	Valid	AJCC	Edits	EOD	Edits
1668	Birthplace--Country (NAACCR)													
1672	Birthplace--Country, Birthplace--State (NAACCR)		X	X	X	X								
1689	Birthplace--Country, Date of Diagnosis (COC)					X								
1690	Birthplace--Country, Date of Diagnosis (NAACCR)					X								
1673	Birthplace--Geocode: Country State (NAACCR)													
1694	Birthplace--State (COC)		X	X	X									
1671	Birthplace--State (NAACCR)						X							
1692	Birthplace--State, Date of Diagnosis (COC)					X								
1693	Birthplace--State, Date of Diagnosis (NAACCR)		X	X		X								
0650	Bladder, RX Hosp--Surg Prim Site 03-2022, BRM (COC)					X								
6795	Bladder, RX Hosp--Surg Prim Site 2023, BRM (COC)					X								
0646	Bladder, RX Summ--Surg Prim Site 03-2022, BRM (COC)					X								
6747	Bladder, RX Summ--Surg Prim Site 2023, BRM (COC)					X								
2697	Bone Invasion, Date DX (NAACCR)	X			X	X							X	
2875	Bone Invasion, Schema ID, Required (NAACCR)				X	X								
6235	BRAF Mutational Analysis, Date DX (NAACCR)	X			X	X							X	
6236	BRAF Mutational Analysis, Schema ID, Required (NAACCR)				X	X								
2938	Brain Molecular Markers, Date DX (NAACCR)	X	X	X	X	X							X	
6257	Brain Molecular Markers, Derived SS 2018 (SEER)					X								
6808	Brain Molecular Markers, Diagnostic Confirmation (NAACCR)		X	X		X								
3032	Brain Molecular Markers, Morphology ICD-O-3 (NAACCR)		X	X		X								
3022	Brain Molecular Markers, Schema ID, Required (NAACCR)		X	X		X								
5041	Brain Molecular Markers, Summary Stage 2018 (NAACCR)		X	X		X								
6847	Brain Molecular Markers, Version 9 (NAACCR)		X	X		X								
7027	Brain Primary Tumor Location, Date DX (NAACCR)	X	X	X	X	X							X	
7028	Brain Primary Tumor Location, Schema ID, Required (NAACCR)		X	X	X	X								
2655	Breslow Tumor Thickness, Date DX (NAACCR)	X	X	X	X	X							X	
3033	Breslow Tumor Thickness, Melanoma, Behavior (NAACCR)		X	X	X	X								
6258	Breslow Tumor Thickness, Melanoma, Derived SS 2018 (SEER)					X								
5042	Breslow Tumor Thickness, Melanoma, Summary Stage 2018 (NAACCR)		X	X		X								
2855	Breslow Tumor Thickness, Schema ID, Required (NAACCR)		X	X		X								
6239	CA 19-9 PreTX Lab Value, Date DX (NAACCR)	X			X	X							X	
6240	CA 19-9 PreTX Lab Value, Schema ID, Required (NAACCR)				X	X								
2654	CA 19-9 PreTX Lab Value, Summary Stage 2018 (SEER)	X			X	X								

10

Changes for V24 - PathCHART

- Existing Site/Type Edits pass for 2024+ diagnoses
 - N0446, Primary Site, Morphology-Imposs ICDO3 (SEER IF38)
 - N1032, Primary Site, Morphology-Type, BehICDO3 (COC)
 - N1254, Primary Site, Morphology-Type, Beh ICDO3 (SEER IF25)
- New Site/Type Edit for 2024+ diagnoses
 - N7040, Primary Site, Morphology-Type, Beh ICDO3, 2024 (SEER)
 - Status 1 - valid site/histology/behavior combinations
 - Status 2 - unlikely site/histology/behavior combinations, must be reviewed
 - Status 3 - biologically impossible site/histology/behavior combinations

11

The screenshot displays two side-by-side windows from a software application. The left window is titled 'Update Table - IF25_REF' and shows a table with columns 'PKey', 'SITELO', and 'SITEHI'. The right window is titled 'Update Table - IF25_3' and shows a table with columns 'PKey', 'SITE', 'HIST', and 'BEH'. Both windows show a list of rows with numerical keys and alphanumeric codes.

PKey	SITELO	SITEHI
7	C110	C110
8	C111	C111
9	C112	C119
10	C129	C139
11	C140	C148
12	C150	C159
13	C160	C169
14	C170	C179
15	C180	C180
16	C181	C181
17	C182	C199
18	C209	C209
19	C210	C218
20	C220	C220
21	C221	C221
22	C239	C249
23	C250	C259
24	C260	C269
25	C300	C300
26	C301	C301

PKey	SITE	HIST	BEH
1714	C140	9818	3
1715	C140	9819	3
1716	C140	9823	3
1717	C140	9831	3
1718	C140	9837	3
1719	C140	9965	3
1720	C140	9967	3
1721	C140	9971	3
1722	C140	9975	3
1723	C150	8000	3
1724	C150	8001	3
1725	C150	8002	3
1726	C150	8003	3
1727	C150	8004	3
1728	C150	8005	3
1729	C150	8010	2
1730	C150	8010	3
1731	C150	8011	3
1732	C150	8012	3
1733	C150	8013	3
1734	C150	8014	3

12

Update Table - IF25_3

Table Name: IF25_3 Agency Code: NAACCR

Last Changed: 04/25/2023 18:23:36 Rows in Table: 14158

PKey	SITE	HIST	BEH
3207	C220	8140	3
3208	C220	8141	3
3209	C220	8143	3
3210	C220	8147	3
3211	C220	8160	3
3212	C220	8161	3
3213	C220	8170	3
3214	C220	8171	3
3215	C220	8172	3
3216	C220	8173	3
3217	C220	8174	3
3218	C220	8175	3
3219	C220	8180	3
3220	C220	8190	3
3221	C220	8255	3
3222	C220	8310	3
3223	C220	8480	3
3224	C220	8481	3
3225	C220	8500	2
3226	C220	8500	3
3227	C220	8501	2

Content Properties Edits

Add Row Delete Row Modify Table Column: Save Close

Update Table - PATHCHART

Table Name: PATHCHART Agency Code: SEER

Last Changed: 08/29/2023 11:12:04 Rows in Table: 122099

PKey	SITE	HISTO	BEH	STATUS	SITEHISTBEH
28841	C220	8151	3	3	C22081513
28842	C220	8152	3	3	C22081523
28843	C220	8154	3	3	C22081543
28844	C220	8155	3	3	C22081553
28845	C220	8156	3	3	C22081563
28846	C220	8158	3	3	C22081583
28847	C220	8160	2	3	C22081602
28848	C220	8160	3	3	C22081603
28849	C220	8161	3	3	C22081613
28850	C220	8162	3	3	C22081623
28851	C220	8163	2	3	C22081632
28852	C220	8163	3	3	C22081633
28853	C220	8170	2	3	C22081702
28854	C220	8170	3	1	C22081703
28855	C220	8171	3	1	C22081713
28856	C220	8172	3	1	C22081723
28857	C220	8173	3	1	C22081733
28858	C220	8174	3	1	C22081743
28859	C220	8175	3	1	C22081753
28860	C220	8180	3	3	C22081803
28861	C220	8190	3	3	C22081903
28862	C220	8200	3	3	C22082003
28863	C220	8201	2	3	C22082012

Content Properties Edits

Add Row Delete Row Modify Table Columns Save Close

13

Changes for V24 - New Protocols/Schemas

AJCC Version 9 Protocols renumbered		Schema ID
• 9001 - Cervix Uteri		09520
• 9002 - Appendix		09190
• 9003 - Anus		90210
• 9004 - Brain and Spinal Cord		90721, 09722, 09723, 09724
• 9005 - Medulloblastoma		09724
New Version 9 Protocols		
• 9006 - Vulva		09500
• 9007 - NET Stomach		09290
• 9008 - NET Duodenum and Ampulla		09301, 90302
• 9009 - NET Jejunum and Ileum		90310
• 9010 - NET Appendix		09320
• 9011 - NET Colon and Rectum		09330
• 9012 - NET Pancreas		09340

14

Changes for V24 - Data Items

- Site-Specific Data Items**
 - Brain Molecular Markers - new codes 10-23
 - Histologies 9385/3, 9396/3, 9421/1, 9430/3, 9500/3
 - Brain Primary Tumor Location - new item
 - Schema ID 09721, C717
 - SEER Site-Specific Fact 1 - expanded to 2 characters
- Derived Summary Grade**
- Tumor Size Items**
 - Tumor Size Clinical, Tumor Size Pathological - no longer required by SEER
 - Tumor Size Summary will be required for 2024+ diagnosis
- Treatment Items**
 - RX Hosp and RX Summ--Recon Breast - new item, A codes
 - RX Hosp and RX Summ--Surg Prim Site - new B codes
 - Colon, Pancreas, Lung, Breast, Thyroid

15

Changes for V24 - Retired Items

- FIELDS**
 - Birthplace
 - CRC CHECKSUM
 - LN Status Femoral-Inguinal, Para-aortic, Pelvic
 - Name-Maiden
 - Place of Death
- EDITS SETS**
 - Hosp: Vs23 COC Required - All

16

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

17

Changes Spreadsheet - Updates Page

- Changes based on reviews of data items/coding instructions
 - Edit Sets -removals or additions of existing edits
 - Updates to SEER Skips
 - "Unknown" codes specified for unknown surgery on SSDI items
 - Circumferential Resection Margins (colon)
 - Invasion Beyond Capsule (kidney)
 - Ipsilateral Adrenal Gland Involvement (kidney)
 - Macroscopic Evaluation of Mesorectum (rectum)
 - Major Vein Involvement (kidney)
 - Residual Tumor Volume Post Cytoreduction (ovary)
 - Testis Serum Markers Post-orchietomy (testis)
 - Tumor Deposits (colon)
 - Visceral and Parietal Pleural Invasion (lung)

18

Changes Spreadsheet - Updates-2024 Page

- Deleted and revised data items
- Table updates for 2024 schemas
- Edits - all deletions or changes to existing edits required for consistency with 2024 data requirements

19

Changes Spreadsheet - New Edits Page

- New data items for 2024
- New tables for 2024
- New edits for 2024
- New data requirements for 2024

20

Changes Spreadsheet - Categories Page

- Edits with Changes for new Version 9 protocols and AJCC IDs
 - AJCC TNM staging items, EOD item, Site-Specific Data Items
- Neoadjuvant Therapy
- Changes for SEER skips
- Logic corrections

- Edits with change to applicability for earlier diagnosis date

21

Changes Spreadsheet - Categories Page

- Deleted edits
- Treatment edits updated with B surgery codes, breast reconstruction
- Edits updated for PathCHART
- SEER Tumor Size updates
- RX Summ--Surg Prim Site 99 updates
- Miscellaneous updates
- Error message corrections
- Other description changes

22

Customization Tips

- Do not import deleted standard edits used in custom metafile
- If any custom edits based on histology codes
 - Verify histology status in PathCHART table
- If any custom edits for AJCC stage items,
 - AJCC IDs must be updated for Version 9 protocols
- If any custom edits based on surgery of primary site
 - Surgery must be updated to B codes for colon, pancreas, lung, breast, thyroid

23

Thank you!

Thank you for your attention.

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

NAACCR EDITS METAFIELD: NAACCR_V24

www.NAACCR.org

For NAACCR metafile support, contact:

Jim Hofferkamp jhofferkamp@naaccr.org

For EDITS software support, contact:

CancerInformatics@cdc.gov

24

Creating a v24 Metafile

Mathew Mayfield

Metabase: NAACCR v24 metafile 20230907_EW5.smf

Edit set name
Total edit sets: 17

Edit Set Name	Edit Set Tag	Agency
AJCC Edits	NES0500	NAACCR
Canadian Council of Cancer Registries - vs24 Edits	NES0127	CCCR
Central: Vs24 NPCR Required - Consol-All Edits	NES0149	NPCR
Central: Vs24 State Example - Incoming Abstracts	NES0150	NAACCR
EOD Edits	NES0501	NAACCR
Hosp: Vs24 COC Required	NES0344	COC
IHS - Variables Required for IHS Linkage	NES0117	NPCR
Path Items	NES0052	NAACCR
Pre2016 c,p mixed bag	NES0336	NAACCR
Pre2016 c,p required	NES0337	NAACCR
Pre2016 no c,p in codes	NES0338	NAACCR
Quality Control Edits	NES0338	NAACCR
SEER: Vs 24 Transmit Edits	NES0003	NAACCR
SSDI Valid Value Edits	NES0003	NAACCR
Survival Field Edits	NES0334	SEER
Text Edits	NES0502	SEER
Vendor _SYS Edits	NES0277	NAACCR
	NES0001	SEER
	NES0351	NAACCR
		NAACCR

25

Edits Clearinghouse

Jim Hofferkamp

Metabase: NAACCR v24 metafile 20230907_EW5.smf

Edit set name
Total edit sets: 17

Edit Set Name	Edit Set Tag	Agency
AJCC Edits	NES0500	NAACCR
Canadian Council of Cancer Registries - vs24 Edits	NES0127	CCCR
Central: Vs24 NPCR Required - Consol-All Edits	NES0149	NPCR
Central: Vs24 State Example - Incoming Abstracts	NES0150	NAACCR
EOD Edits	NES0501	NAACCR
Hosp: Vs24 COC Required	NES0344	COC
IHS - Variables Required for IHS Linkage	NES0117	NPCR
Path Items	NES0052	NAACCR
Pre2016 c,p mixed bag	NES0336	NAACCR
Pre2016 c,p required	NES0337	NAACCR
Pre2016 no c,p in codes	NES0338	NAACCR
Quality Control Edits	NES0003	NAACCR
SEER: Vs 24 Transmit Edits	NES0334	SEER
SSDI Valid Value Edits	NES0334	SEER
Survival Field Edits	NES0502	NAACCR
Text Edits	NES0277	SEER
Vendor _SYS Edits	NES0001	NAACCR
	NES0351	NAACCR

26



Edits Clearinghouse

- Central registries should post their v24 edits metafile by 10/13/23
- 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.

27

27



Edits Clearinghouse

- A v23B metafile may also be posted if needed.
- If a v23B metafile has already been distributed and no changes have been made, there is no need to repost.
- If changes are made to the v23B metafile, a new metafile may be posted with the v24 metafile.

28

28

Uploaded Metafiles

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

v24 Clearinghouse

[Submit your Metafile](#) [Subscribe to Registries](#)

A myNAACCR account is required to view posted metafiles, upload metafiles, download metafiles, or to subscribe to notifications.

The NAACCR Edits Clearinghouse provides a space where central registries can share their central registry specific 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.

- 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 questions concerning the metafile.
- To subscribe to registries and get email notifications when new files are uploaded, visit our [Subscribe to Registries](#) page.

A message of "Forbidden Location" occurs if the registry did not upload a file

Search: Order by: --Alphabet-- --Date--

Sr No	Registry Name	Uploaded Files	Metafile Version	Upload Date & Time
1	Alabama statewide cancer registry	Edits Metafile	V23B	2023-08-04 12:12:09
2	Alaska cancer registry	Edits Metafile Instructions Edits Metafile	v23	2022-12-12 18:27:22

29

Upload Portal

- Must login to view
- Metafile version field
 - Text field
 - Multiple fields
 - Recommended format
 - V23B v24
 - 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-- ▼

30

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:

SUBSCRIBE

31

XML Clearinghouse

Similar to the Edits Clearinghouse

The updated XML user dictionary clearinghouse will be available on Sept 18.

Registries should upload their v24 user dictionary to the site by October 13.

32

32



Thank you!

For NAACCR metafile support, contact:

- Jim Hofferkamp jhofferkamp@naaccr.org

For EDITS software support, contact:

- CancerInformatics@cdc.gov