NorthCon 220

Michelle Esterly

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

Joseph Rogers, Team Lead,
Applications, Statistics, and Informatics Support Team Cancer
Surveillance Branch, DCPC, NCCDPHP, CDC

2022 Implementation Webinar
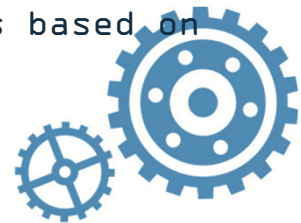
September 13, 2021

NorthCon 220

- Tool for converting NAACCR 210 XML to NAACCR 220 XML

- Converts files of cancer registry records; API also included in the install which can be used to perform conversion with applications other than the NorthCon22.exe

- Meets conversion specifications described in the NAACCR 2022 Implementation Guidelines and Recommendations
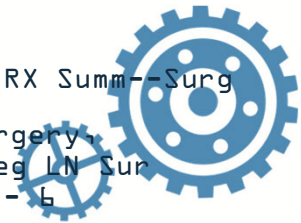
Conversion Specifications

- Performs conversions related to staging, grade, and SSDI data items for cases diagnosed on or after January 1, 2018

- Generates listings for manual review - schema changes

- Performs conversions related to edits to improve data quality

- Sets Staging API Version Current fields based on version
     of APIs

- Sets NAACCR Record Version to 220

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Conversion Summary

- Schema Changes: AJCC ID and/or Schema ID updated
    - New Schemas (Soft Tissue, Cervix Sarcoma)
    - AJCC TNM data items including TNM Edition Number
- EOD Primary Tumor, EOD Regional Nodes, EOD Mets
- Summary Stage 2018
- Grade Clinical
- Grade Pathological
- Schema Discriminator 1
- SSDI Changes
    - Lymph Node Status: Femoral-Inguinal, Para-aortic, and Pelvic split into three separate fields per node type
    - P16: Review for 2021 cases (CoC requirement)
    - Setting SSDIs including for newly added values
- Mets at Dx Data Items
- Surgery Data Items: RX Hosp--Surg Prim Site, RX Summ--Surg Prim Site,
     RX Summ--Surgical Margins, Reason for No Surgery,
     RX Hosp--Scope Reg LN Sur, RX Summ--Scope Reg LN Sur
- Conversions Related to Edits for consistency - 6

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Conversion Examples

Schema ID [3800] = 00530 (Corpus Carcinoma and Carcinosarcoma) and EOD Primary Tumor [772] (Conversion)

For cases diagnosed 2018-2021, if Schema ID [3800] = 00530 (Corpus Carcinoma and Carcinosarcoma) and EOD Primary Tumor [772] = 070, 080

EOD Primary Tumor is set to 050

No manual review is necessary.

EOD Primary Tumor codes 070 and 080 have been removed.

Schema ID [3800] = 09520 (Cervix Version 9) and p16 [3956] (Manual Review)

If Schema ID [3800] = 09520 (Cervix Version 9) **and Date of Diagnosis Year [390] >= 2021**

Manual Review to set p16 [3956]

If you follow the CoC Required Status rules for data items, these cases will need **manual review** to check text for p16 test results to be documented in SSDI p16 [3956] and to check text to see if the new histology codes, particularly HPV-associated and HPV-independent should be used. p16 is a new SSDI added in v22, and CoC is requiring the item for 2021+.

B) The following Schema ID [3800] and Histology ICD-O-3 [522] and Behavior ICD-O-3 [523] combination is now eligible for AJCC staging.

a. For cases diagnosed 2018-2021, for the following Schema ID, Histology, and behavior combination, If AJCC ID [995] = XX, AJCC ID is set to the value shown in the following table.

Schema ID	Schema Name	Histology ICD-O-3 [522]	Behavior ICD-O-3 [523]	New AJCC ID
00480	Breast	8509	2	48.1

b. If TNM Edition Number [1060] is blank or 00 (indicating that TNM is not coded in the record), no additional changes are necessary.

c. If TNM Edition Number [1060] is any value other than 00 or blank TNM Edition Number is set to 08

d. Set AJCC TNM fields according to the table below:

No manual review is necessary.

TNM item number and data item name		Value Set to:
1001	AJCC TNM Clin T	Blank
1002	AJCC TNM Clin N	Blank
1003	AJCC TNM Clin M	Blank
1004	AJCC TNM Clin Stage Group	99
1011	AJCC TNM Path T	Blank
1012	AJCC TNM Path N	Blank
1013	AJCC TNM Path M	Blank
1014	AJCC TNM Path Stage Group	99
1021	AJCC TNM Post Therapy Path (yp) T	Blank
1022	AJCC TNM Post Therapy Path (yp) N	Blank
1023	AJCC TNM Post Therapy Path (yp) M	Blank
1024	AJCC TNM Post Therapy Path (yp) Stage Group	Blank

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Changes for NPCR Data Items

- Registry-specific data expected to be converted from v21 to v22 must be defined in a user dictionary
- Changes to NorthCon 220 for NPCR Data Items
  - Several NPCR data items officially approved for NAACCR v22 (Vol II & base dictionary)
    - EDP MDE Link Date [530]
    - EDP MDE Link [531]
    - IHS PRCDA [194]
    - Urban Indian Health Organization (UIHO) [284]
    - UIHO City [285]
    - Tobacco Use Smoking Status [344].

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Retired NPCR Data Items

- NPCR data items no longer automatically added to user dictionaries
  - Several NPCR data items retired for NAACCR v22
    - Height [9960]
    - Weight [9961]
    - Tobacco Use Cigarettes [9965]
    - Tobacco Use Other Smoke [9966]
    - Tobacco Use Smokeless [9967]
    - Tobacco Use NOS [9968]
    - ECC Flag [12010]
  - Registries will need to add these items to user dictionaries if continuing to collect

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Resources

- NAACCR 2022 Implementation Guidelines and Recommendations
  ( )

- NorthCon 220 Conversion Spreadsheet
  ( )

- Conversion to NAACCR v22.docx

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Acknowledgements

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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

Cancer Prevention Works

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