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

• 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

**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
- Conversions Related to Edits for consistency
Conversion Examples

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]
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

Resources

• NAACCR 2022 Implementation Guidelines and Recommendations
  (https://www.naaccr.org/implementation-guidelines/)

• NorthCon 220 Conversion Spreadsheet
  (https://www.cdc.gov/cancer/npcr/tools/registryplus/up.htm)

• Conversion to NAACCR v22.docx
Acknowledgements

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

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.