NCDB Vendor Webinar:
NCDB Call for Data April 2019 and RQRS Updates
Topics to be Covered Today

NCDB:

- 2019 Call for Data Submission Specifications
- Record layout and edits
- Mapping of NPI Data Items
- Facilitating monitoring of data completeness across NCDB Call for Data submissions
- NCDB GenEDITs Plus Install
- Deficiency resolutions
- Standard 5.2 revision for 2019 Surveys
- Future: RCRS
CoC Program Standard 5.5: Data Timeliness and Completeness

WHAT IT SAYS:
Each year, complete data for all requested analytic cases are submitted to the National Cancer Database (NCDB) in accordance with the annual call for data.

WHAT IT MEANS:
For each of the 3 individual Calls For Data surveyed, program must successfully submit newly abstracted and updated cases diagnosed between the program’s Reference Date (or 1985) and the most recent diagnosis year of the Call for Data to the NCDB by the Call for Data deadline.

https://www.facs.org/quality-programs/cancer/ncdb/datasub
Changes From Last Year: NCDB Requirements

- Same Reportability
- New Diagnosis Year: 2017
- Record layout v16 and v18 accepted
  - Site-Specific Data Items (SSDI) for collection of site-specific Information
  - New Grade data items
  - New data items for collection of radiation therapy
  - New data items associated with Sentinel and Regional Lymph Nodes
  - New data item for collection of cancer recurrence
  - RQRS NCDB Submission Flag
Standard 5.5
2019 Submission Specifications

Required Cases:

• **All analytic cases** diagnosed from **2017**
  - Analytic = Class of Case 00, 10-14, 20-22

• **All newly-diagnosed or updated analytic cases** diagnosed on or after program’s **Reference Date** through to the date the submission file is created
  - Cases diagnosed before 1985 (even for earlier Reference Dates), before the current reference date, or after 2017 will be rejected
  - Non-analytic cases will be rejected
Standard 5.5
2019 Submission Specifications [cont]

Submission Dates:

• **Final** submission files should not be created any earlier than the month of March 2019
  – Capture all required cases and updates
  – Generation of test extracts for data editing purposes is highly encouraged

• Submission window opens: April 1, 2019

• Final date for **initial submissions and corrections**: June 30, 2019

• No Reference Date changes allowed during the open window
Standard 5.5 Submission Specifications: New Programs

Special Requirements:

• First Call for Data submission after initial accreditation must submit *all analytic cases diagnosed on or after the program’s Reference Date* (not earlier than 1985) through the most recent year of the Call for Data

• Not the same case specification as for existing programs of newly-added or updated cases since the last call for Data

• *All analytic cases* are to be submitted for *every diagnosis year* of the current Call for Data

• Basically, submit everything from your Reference Date forward...
Program Standard 5.5:
Determining Compliance (Data Timeliness)

• All required cases are submitted by midnight of the Call for Data initial deadline:
  – closes 12:00 AM Central Time, July 1, 2019

• “Rejected” cases from any diagnosis year have technically not been submitted, and should be corrected and resubmitted by June 30, 2019

• No extensions will be given

• Programs are encouraged to submit early in the submission window in order to ensure compliance with data timeliness and data completeness
Standard 5.6
2019 Submission Specifications

- All cases diagnosed 2004+ must pass edits
- Any cases with edit errors on initial submission must be corrected and resubmitted before close of submission window (June 30, 2019)
• All Call for Data submissions must be in NAACCR layout 16.0 or 18.0
• Must be in layout version “I” (incident), with a record length of 3339 for v16 and 4048 for v18.0.
  - Physician NPIs in registry-specific fields
• Metafile for submission in 2019 in layout 16.0 and 18.0 will be primarily the same and distributed
  - No newly added edits; updated only to accommodate proper diagnosis dates
• Call for Data Metafile for submission in 2019 in layout 16.0 and 18.0 will be posted to the NCDB Website VENDOR page
• .smf, emf, .rmf, .ini files will be posted to NCDB website VENDOR page
## Correct Mapping of NPI Data Items

<table>
<thead>
<tr>
<th>NAACCR Data Item Name</th>
<th>NCDB Name of Mapped Data Item</th>
<th>Item #</th>
<th>Position in NAACCR Layout</th>
<th>Position in NCDB Layout</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPI-Physician-Primary Surg</td>
<td>NPI-Primary Surgeon</td>
<td>2485</td>
<td>5051-5060</td>
<td>3049-3058</td>
</tr>
<tr>
<td>NPI-Physician 3</td>
<td>NPI-Radiation Oncologist</td>
<td>2495</td>
<td>5069-5078</td>
<td>3059-3068</td>
</tr>
<tr>
<td>NPI-Physician 4</td>
<td>NPI-Medical Oncologist</td>
<td>2505</td>
<td>5087-5096</td>
<td>3069-3078</td>
</tr>
</tbody>
</table>
Program Standard 5.5: Example of Deficiency on Data Completeness

<table>
<thead>
<tr>
<th>Dx year</th>
<th># of Cases Submitted</th>
<th>Expected %</th>
<th>% of Actual Submission</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>4400</td>
<td>85%</td>
<td>90%</td>
</tr>
<tr>
<td>2016</td>
<td>520</td>
<td>50%</td>
<td>12%</td>
</tr>
<tr>
<td>2015</td>
<td>440</td>
<td>30%</td>
<td>10%</td>
</tr>
<tr>
<td>2014</td>
<td>322</td>
<td>25%</td>
<td>7%</td>
</tr>
<tr>
<td>2013</td>
<td>3000</td>
<td>20%</td>
<td>68%</td>
</tr>
<tr>
<td>2012</td>
<td>2200</td>
<td>15%</td>
<td>50%</td>
</tr>
<tr>
<td>2011</td>
<td>1980</td>
<td>10%</td>
<td>45%</td>
</tr>
<tr>
<td>2010</td>
<td>1800</td>
<td>10%</td>
<td>41%</td>
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<tr>
<td>2009</td>
<td>1680</td>
<td>10%</td>
<td>38%</td>
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</tbody>
</table>
Program Standard 5.5: Example of Compliant on Data Completeness

<table>
<thead>
<tr>
<th>Dx year</th>
<th># of Cases Submitted</th>
<th>Expected %</th>
<th>% of Actual Submission</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>770</td>
<td>85%</td>
<td>90%</td>
</tr>
<tr>
<td>2016</td>
<td>535</td>
<td>50%</td>
<td>69%</td>
</tr>
<tr>
<td>2015</td>
<td>486</td>
<td>30%</td>
<td>63%</td>
</tr>
<tr>
<td>2014</td>
<td>421</td>
<td>25%</td>
<td>55%</td>
</tr>
<tr>
<td>2013</td>
<td>329</td>
<td>20%</td>
<td>43%</td>
</tr>
<tr>
<td>2012</td>
<td>328</td>
<td>15%</td>
<td>43%</td>
</tr>
<tr>
<td>2011</td>
<td>242</td>
<td>15%</td>
<td>31%</td>
</tr>
<tr>
<td>2010</td>
<td>264</td>
<td>15%</td>
<td>34%</td>
</tr>
<tr>
<td>2009</td>
<td>230</td>
<td>10%</td>
<td>30%</td>
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</table>

Note: gradual decline, no sudden drop off in numbers.
Are All Required Cases Submitted? (Registrars)

- Cues for the Registrar: check notifications!
  - Number of 2017 diagnoses submitted in 2019 should approximate the number of 2016 diagnoses submitted in 2018
  - Expect the number of cases submitted for each diagnosis year to decline as time from diagnosis increases; be suspicious of major deviations from that pattern
## NCDB Call for Data Submission Count Tracking by Diagnosis Year

This Excel spreadsheet is a tool that can be used to facilitate the tracking of data submissions to the NCDB Call for Data each year. Enter the number of cases submitted for each diagnosis year in the #Cases column for the specified Call for Data. The estimated percentage of your program’s annual caseload will be automatically calculated.

### My FIN =  
### My Reference Year =  

<table>
<thead>
<tr>
<th>Dx Year</th>
<th>#Cases</th>
<th>% Annual Caseload</th>
<th>Dx Year</th>
<th>#Cases</th>
<th>% Annual Caseload</th>
<th>Dx Year</th>
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<th>Dx Year</th>
<th>#Cases</th>
<th>% Annual Caseload</th>
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<tr>
<td>2011</td>
<td>#DIV/0</td>
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</tbody>
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Are All Required Cases Submitted? (Vendors)

- How Software Providers Can Help
  - Follow NCDB instructions for selecting cases to extract
  - In follow-up reports, provide the number successfully followed for each diagnosis year for registrars to compare to the numbers of cases selected to submit
  - Provide a frequency distribution by diagnosis year for extracted data file for Registrar review
Pre-Editing

- Registries should use software’s internal edits for pre-editing year round
- Registries should not cut final file for submission until at least March 2019
  - Currently, some cases updated between case selection and March 2019 may not be selected for submission
  - **Provide functionality for registrars to pull test extracts** to pre-edit/clean prior to “final pull” (e.g., only set export flags on final pull)
- Registries should run the **actual data file they will be uploading** through customized **NCDB GenEDITs Plus** with the applicable metafile to make certain no errors remain
  - Registrars should not edit through their abstracting software interface (extra cases, incorrect edit sets, etc.) only, they should use GenEDITs plus as a final check before submitting
Running NCDB GenEDITS on Call for Data File(s)

- NCDB offers a pre-configured GenEDITS Plus software installation file for v16 and v18
- Includes all required edits metafiles and configuration files built into the installation (no .ini or .rmf files to copy over).
- Once installed, the software is pre-configured to run your NCDB submission file, just Browse to your data file and click Run EDITS!
Standards 5.5/5.6
2019 Survey Deficiency Resolution

• Contact NCDB@facs.org
RQRS:
Standard 5.2 Revised for 2019 Survey

• Compliance (1)
• 2016, 2017, 2018
  - Program submits all new and updated RQRS Measure Eligible cases at least once each calendar quarter.
  - Each calendar year, RQRS data and performance reports are reviewed by cancer committee at least semi-annually and documented in the cancer committee minutes.
RQRS: Standard 5.2 Revised for 2019 Survey

• Commendation (1+)

2016:
- Program submits all new and updated RQRS Measure Eligible cases at least once each calendar quarter.
- Each calendar year, RQRS data and performance reports are reviewed by cancer committee at least semi-annually and documented in the cancer committee minutes.

2017 AND 2018:
- Program submits all new and updated RQRS Measure Eligible cases at least once each calendar month.
- Each calendar year, RQRS data and performance reports are reviewed by cancer committee at least once each quarter and documented in the cancer committee minutes.
The Future of NCDB Data Submission: The Rapid Cancer Reporting System (RCRS)
Upcoming Changes to NCDB

• We are completely re-programming the data submission system
• Streamline data processing so submissions are processed much more quickly
• New and more user-friendly reports
• Immediate feedback upon upload of the data
• Greater communication before, during, and after the call for data; alerts when there is a problem with the submission
FUTURE: Rapid Cancer Reporting System

<table>
<thead>
<tr>
<th>NCDB Annual Call-for-Data</th>
<th>Rapid Quality Reporting System (Daily Submission)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Retrospective:</strong></td>
<td><strong>Retrospective and prospective:</strong></td>
</tr>
<tr>
<td><strong>1985 – 2017 cases</strong></td>
<td><strong>2008-2019 cases</strong></td>
</tr>
<tr>
<td>CP³R: 23 quality measures</td>
<td>RQRS: 5 quality measures</td>
</tr>
<tr>
<td>Provides annual compliance</td>
<td>Reports year-to-date, annual and quarterly compliance</td>
</tr>
<tr>
<td>Retrospective assessment of treatment already provided</td>
<td>Retrospective assessment of treatment already provided</td>
</tr>
<tr>
<td>Update cases within application interface</td>
<td>Prospective treatment alerts</td>
</tr>
<tr>
<td>Update case status via resubmission of the data</td>
<td></td>
</tr>
</tbody>
</table>
Q & A

• Q. In past years the added or updated cases cutoff was a certain date (was it December 1?). Now the cutoff is the day the cases are pulled. Year to year there could be several months’ difference between the dates when cases are pulled. Any concerns about this?

• A. The added or updated cases cutoff date is a deadline for registrars to add or update their cases in CP3R in order to have the most current data reported in the CQIP report. We will be releasing the 2016 date of diagnosis cases in CP3R soon and will establish and communicate a timeline for the registry community to update any cases in CP3R before we cut the data for the CQIP report. For the 2019 Call for Data we encourage programs to continue to update their cases in the registry software up to the date they pull the file to submit for the Call For Data.

• Q. Did I read the last slide right? Don’t the submission guidelines for RCRS more or less obviate the need for the annual C4D?

• A. Yes, moving all databases in the College under a single data platform, RCRS, will change the way files are submitted. Programs will submit all files (NCDB and or RQRS) through one reporting structure which will track and update cases as they are submitted. The annual Call for Data submission period will be eliminated with the concurrent submission format.
Thank You!

ncdb@facs.org