Meaningful Use Stage 2 Cancer Reporting – Progress

at

NC Central Cancer Registry
Overview

- MU2 Onboarding Process
- Meaningful Use Eligibility Criteria
- Transport Mechanism
- Testing and Validation
- Successes
- Challenges
- Lessons Learned
MU Onboarding Process

Eligibility
- Only for ambulatory providers.
- Only for those providers that diagnose and/or treat cancer

Registration
- Register with NC-CCR
- Testing is prioritized by the EP facility’s reporting period and in the order with which registrations are received.

Test & Validation
- EP Data to be received securely transport using SFTP.
- Data has to be in HL7 CDA format.
- Once received - data will be first pilot tested and validated using validation tool developed by CDC

Submission Confirmation
- Once ongoing submission is achieved. A Go-live date will be coordinated by NC-CCR

Go-live
Eligible Professional- Flow Chart

Flow Chart to Help Eligible Professionals (EP) Determine Eligibility for the Medicare and Medicaid Electronic Health Record (EHR) Incentive Programs

How to Use this Flow Chart: A Medicaid eligible professional may also be eligible for the Medicare incentive and should follow the path of answering no to the question of Medicaid patient volume to determine Medicare eligibility. An eligible professional who qualifies for both programs may only participate in one program. Eligible Professionals eligible to receive EHR incentive payments under Medicare or Medicaid will maximize their payments by choosing the Medicaid EHR Incentive Program.

START HERE

Did you perform 90% of your services in an inpatient hospital or emergency room hospital setting?

- NO
- YES

You are NOT currently eligible to receive an EHR incentive payment under the Medicare and Medicaid EHR Incentive Program

Are you one of the following?
- Physician
- Dentist
- Certified nurse-midwife
- Nurse practitioner
- Physician assistant practicing in an FQHC or RHC led by a physician assistant

- NO
- YES

If you adopt, implement or upgrade to or successfully demonstrate meaningful use of certified EHR technology, you may be eligible to receive an incentive under the Medicaid EHR incentive program

Did you practice predominantly in an FQHC or RHC with a 30% needy individual* patient volume threshold?

- NO
- YES

You are NOT currently eligible to receive an EHR incentive payment under the Medicare and Medicaid EHR Incentive Program

Do you bill the Medicare Physician Fee Schedule for patient services?

- NO
- YES

Are you one of the following?
- Doctor of medicine or osteopathy
- Doctor of oral surgery or dental medicine
- Doctor of podiatric medicine
- Doctor of optometry
- Chiropractor

If you successfully demonstrate meaningful use, you may be eligible to receive an incentive under the Medicare EHR incentive program

Acronyms List:
- FQHC: Federally Qualified Health Center
- RHC: Rural Health Center

*Section 1902(c)(3)(F) of the Act defines needy individuals as individuals meeting any of the following three criteria: (1) They are receiving medical assistance from Medicaid or the Children’s Health Insurance Program (CHIP); (2) they are furnished uncompensated care by the provider; or (3) they are furnished services at either no cost or reduced cost based on a sliding scale.
Listing of Certified EHR can be found at http://oncchpl.force.com/ehrcert

In order to participate in Cancer Reporting for Stage 2 Meaningful use purposes, your EHR product MUST be certified for BOTH cancer reporting criteria: (f)(5) Cancer Case Information AND (f)(6) Transmission to Cancer Registries.
NC- DPH has developed a single registration system to allow EP (Eligible Providers) and EH (Eligible Hospitals) to register their intent to submit data for all of the public health objectives.

This portal also serves as a dashboard to track each facility through the on-boarding process for each programs (ELR, CCR and NCIR).
Welcome to NC DPH Meaningful Use Site for Registration of Intent

Summary of Registration Process:

Step 1: Create an NCID user name and password using the NCID New User Registration Page. Please follow the instructions on the NCID New User Registration Page to activate your NCID username and password. If you already have an NCID username and password (this is the same username and password used to login to NCMIPS), please go to step 2.

Step 2: Use the login button to the right to enter your NCID user name and password to gain access to the registration site.

Step 3: Use the registration site to identify the providers (Hospitals and Eligible Professionals) you will be registering by entering their NPIs and confirming the provided information.

Step 4: Use the registration site to register the providers (Hospitals and Eligible Professionals) you have identified to participate in public health programs. You will receive a confirmation email for all completed registrations. The User Guide provides an overview of the registration process and the information needed for each public health program area.

The NC DPH Registration of Intent Site has been tested using Internet Explorer 11.0+ and Mozilla Firefox 25.0+ and may not work properly with other browsers. JavaScript must also be enabled in your browser for the site to function properly.

For questions about these public health program areas, please refer to the contact information below.
### NCCCR: Tracking Overview

**Status:** All  
**Priority:** All  
**Other Option:**  
- Eligible Professional  
- Organization  
- EHR Vendor  
- Specialty

#### Change the Status for One or More Providers Listed in the Table Below

**Total Records:** 1248

<table>
<thead>
<tr>
<th>Provider</th>
<th>Organization</th>
<th>MU General Info</th>
<th>Specialty</th>
<th># Cancer Cases / Year</th>
<th>EHR Vendor</th>
<th>Transport Method</th>
<th>Priority</th>
<th>Current Status</th>
<th>Days Since Status Change</th>
<th>Comments</th>
</tr>
</thead>
</table>
| 1          | GASTROENTEROLOG (MEDICINE CIRCLE) | Stage 2 begin date: 01/01/2015  
               Stage 2 End date: 12/31/2015 | Gastroenterology | More than 100 | Epic Systems Corporation | Direct | Not Yet Assigned | Registration Complete | 20 |
| 2          | Gastroenterologist | Stage 2 begin date: 07/01/2014  
               Stage 2 End date: 09/30/2014 | Internal Medicine | 1-25 | Vitera Healthcare Solutions, LLC | I don't know | Not Yet Assigned | Provider Does Not Meet Participation Criteria-Non-Certified EHR | 52 |
| 3          | Medical Center LLC | Stage 2 begin date: 10/01/2014  
               Stage 2 End date: 12/31/2016 | Nephrology | 0 | McKesson | I don't know | Not Yet Assigned | Provider Does Not Meet Participation Criteria-Non-Certified EHR | 114 |
| 4          | ENDOCRINOLOGY | Stage 2 begin date: 01/01/2015  
               Stage 2 End date: 12/31/2015 | Endocrinology | More than 100 | Epic Systems Corporation | Direct | Not Yet Assigned | Registration Complete | 20 |
| 5          | Dermatology, PA | Stage 2 begin date: 10/01/2014  
               Stage 2 End date: 12/31/2015 | Dermatology | 51-100 | Modernizing Medicine, Inc. | Direct | Not Yet Assigned | Registration Complete | 216 |
| 6          | Oncologist, Hematology | Stage 2 begin date: 01/01/2017  
               Stage 2 End date: 12/31/2017 | Hematology & Oncology | 1-25 | Epic Systems Corporation | Direct | Not Yet Assigned | Registration Complete | 2 |
| 7          | Hematology and Oncology | Stage 2 begin date: 01/01/2015  
               Stage 2 End date: 12/31/2015 | Hematology and Oncology | More than 100 | Epic Systems Corporation | Direct | Not Yet Assigned | Registration Complete | 20 |

Legend
- 1
- 5
- 10
- North Carolina Counties
DOE, JOHN  
NPI: 1234567890  
PINEHURST, NC, 28374  
DATE: 04-27-2015

Registration of intent to submit electronic cancer data from the physician office according to NC General Statutes and Administration Code using certified EHR technology has been completed.

The North Carolina Division of Public Health appreciates your efforts to institute cancer reporting capability using certified EHR technology, and we look forward to continued collaboration to implement EHR reporting in accordance with the Central Cancer Registry prescribed reporting guidelines.

Please visit our website at: http://www.schs.state.nc.us/units/CCR/reporting.htm# to download all necessary documents for your review. Please respond to us within 30 days of receiving this email to setup a discussion with us.

Please retain this notification for your records.

Thank you,  
MU Stage-2 Team  
NCCRMU2@DHHS.NC.GOV
“Invitation to On Board” email is sent following the initial planning discussion with the EP office and their EHR vendor.
BROSnan, PIERCE
NPI: 12345670
CHAPEL HILL, NC, 27517
DATE: 05-06-2015

Thank you for your interest in participating in Meaningful Use Stage-2 Electronic Cancer Reporting program. Based on the initial discussion, you are now invited for initial testing process for electronic cancer reporting to the Central Cancer Registry. Please contact MU Stage-2 team to discuss the configuration set-up to send test messages for validation.

** Please respond within 30 days of receiving this email. **

Please retain this notification for your records.

Thank you,

MU Stage-2 @ Team
NCCRMU2@DHHS.NC.GOV
Transport Options available with NC-CCR

Secure FTP file upload
Direct data transmission to secure FTP site at NC CCR
Registered EP’s based on EHR vendors

Registered EP's

- Athena Health
- Nextech
- Nextgen/TSI Healthcare
- Modernizing Medicine
- Altos
- IMS/Suitemed
Facilitates reporting from non hospital providers which was received in non standard format previously.

Alternate method for EPs to meet state requirement

Ensures completeness in reporting and reduces time and effort.

Designed to be secure, automated and unobtrusive to physician office operations.
Data quality issues

- Conformance and Interoperability - syntactic interoperability and semantic interoperability.
- Files completely misaligned with the IG.
- Missing historical data not interoperable with current EHR.
- Missing key data items - including cancer dx, histology, behavior, laterality etc., reason for visit. Progress Notes - free text.
- Coding Inconsistencies.
1272 providers with 27 EHR vendors have enrolled thus far.

Established a MU tracking system- dashboard that gives a quick look of how many EP’s registered and reporting period, volume of cancer cases, contact person etc.

Established connectivity and currently testing messages from three EHR vendors.

Perform QA checks, Independent Verification and Validation at every step.
Challenges

- Getting the buy-in from all the stakeholders-physician offices, EHR vendors.
- Personnel Turnover- vendor’s side /EP.
- Varying vendor capabilities for data exchange.
- Lack of attention to the data items/details in the implementation guide.- Data Quality Issues
- Physician offices struggle to integrate technology into the workflow.
- Communication gaps between the EP offices and EHR vendors.
- Registrations from hospital ambulatory providers.
Lessons Learned

- Know the key individuals in the EP office and at EHR vendor side.
- Discuss workflows and the level of effort with the vendor and EP office early on.
- Understand the vendor’s SDLC.
- Optimization is an ongoing process.
- Oversight, Monitoring and Feedback are critical.
- One step at a time.
Takeaways

NC-CCR MU2 portal has been available to Eligible Professionals for registration since Jan 2014.

Onboarding providers on the basis of EHR, cancer volume and specialty.

Currently testing with three EHR vendors.

Communication and Engagement with vendors and physician offices is critical to program success.
Meaningful Use Contacts- NCCCR

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References


https://www.cms.gov/Regulations-and-Guidance/Legislation/EHRIncentivePrograms/eligibility.html#BOOKMARK1

www.cdc.gov/cancer/npcr/meaningful_use.htm

www.dshs.state.tx.us/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=8589971163.
Thank You