

# Cancer Reporting

Population-based cancer surveillance is critical for cancer control activities aimed at reducing cancer morbidity and mortality, the second leading cause of death in the United States and the leading cause of death in Canada. Population-based public health central cancer registries (CCRs) across the U.S. and most of Canada are mandated to collect complete and timely cancer diagnostic, treatment, and outcome data from hospitals, physician offices, treatment centers, clinics, laboratories, and other sources. Recent shifts from hospital settings toward ambulatory health care settings for cancer treatment are increasing the importance of non-hospital health care providers' data for cancer surveillance. As health care providers adopt modern EHR systems, the opportunity to automate cancer registry reporting from health care provider settings also is increasing and becoming more feasible. Certified EHR technology can improve the process by identifying reportable cancer cases and treatments to the provider and facilitating electronic reporting either automatically or upon provider verification.

Through a collaborative effort with the North American Association of Central Cancer Registries, state CCRs, Integrating the Healthcare Enterprise, and other organizations, CDC developed the Implementation Guide for Healthcare Provider Reporting to Central Cancer Registries. This document contains the necessary specifications for the implementation of standardized data transmissions from a health care provider EHR to the CCR. A single method will allow efficient and accurate transmission of cancer information while reducing the burden on EHR system-specific or registry-specific implementations.

The Implementation Guide provides the business rules and specifications for EHR systems to—

- Identify reportable cancer cases.
- Identify the specific data elements to be retrieved and included in the cancer event report.
- Create a valid Health Level 7 Clinical Document Architecture, Release 2 (HL7 CDA R2) cancer event report.
- Transmit the cancer event report to a CCR over a secure electronic transmission mechanism.

Questions about cancer reporting and the implementation guide can be directed to [meaningfuluse@cdc.gov](mailto:meaningfuluse@cdc.gov).

## **Useful Links for Meaningful Use 2**

### **Health level 7 International:**

<http://www.hl7.org/>

### **Clinical Document Architecture, Release 2 Information:**

[http://www.hl7.org/implement/standards/product\\_brief.cfm?product\\_id=7](http://www.hl7.org/implement/standards/product_brief.cfm?product_id=7)

### **CDC Guidance at the National Program of Cancer Registries:**

- **Implementation Guide for Ambulatory Healthcare Provider Reporting to Central Cancer Registries, HL7 Clinical Document Architecture**

[http://www.cdc.gov/phn/library/guides/Implementation\\_Guide\\_for\\_Ambulatory\\_Healthcare\\_Provider\\_Reporting\\_to\\_Central\\_Cancer\\_Registries\\_March\\_2014.pdf](http://www.cdc.gov/phn/library/guides/Implementation_Guide_for_Ambulatory_Healthcare_Provider_Reporting_to_Central_Cancer_Registries_March_2014.pdf)

- **Cancer Reporting Clarification Document for Electronic Health Record (EHR) Technology Certification**

[http://www.cdc.gov/cancer/npcr/pdf/EHR\\_TechCert\\_ReportingErrata\\_Clarification.pdf](http://www.cdc.gov/cancer/npcr/pdf/EHR_TechCert_ReportingErrata_Clarification.pdf)

### **CDA Validation Plus Tool Software and Training Manual:**

[ftp://ftp.cdc.gov/pub/Software/RegistryPlus/CDA\\_Validation\\_Plus/](ftp://ftp.cdc.gov/pub/Software/RegistryPlus/CDA_Validation_Plus/)

### **Checklist for Achieving MU for Cancer Reporting:**

<http://www.cdc.gov/cancer/npcr/pdf/ProviderChecklistAchievingMeaningfulUse.pdf>

### **Transport Options:**

<http://www.cdc.gov/cancer/npcr/pdf/TransportOptions.pdf>

### **Public Health Reporting Task Force:**

<https://www.phconnect.org/group/ph-reporting-task-force>

### **Meaningful Use Implementation Guide for Vendors to Insure Successful EHR Implementation:**

[http://www.cdc.gov/phn/library/guides/Implementation\\_Guide\\_for\\_Ambulatory\\_Healthcare\\_Provider\\_Reporting\\_to\\_Central\\_Cancer\\_Registries\\_August\\_2012.pdf](http://www.cdc.gov/phn/library/guides/Implementation_Guide_for_Ambulatory_Healthcare_Provider_Reporting_to_Central_Cancer_Registries_August_2012.pdf)