

# SEER Quality Improvement

Software Tools, Services, and Other Resources

<http://seer.cancer.gov/qi>

The Surveillance, Epidemiology, and End Results, or SEER Program, is viewed as the standard for quality among cancer registries around the world. Each SEER program registry must meet specifically defined data quality goals on an ongoing basis. NCI SEER promotes and guides cancer registrars to improve cancer registry data by providing tools, pertinent information, education, and training opportunities.

## Quality Improvement Mission

- Identify standards and systematically measure those standards
- Establish, perform, and manage Quality Improvement/Quality Control projects
- Develop quality enhancement strategies
- Assess registry needs and satisfaction
- Ensure quality data are provided to the scientific community

### Hematopoietic and Lymphoid Database

<http://seer.cancer.gov/tools/heme>

The Hematopoietic and Lymphoid Database is a software package that assists in screening for reportable cases and determining multiple primaries. It is available in both web-based and stand-alone versions. The database contains abstracting and coding information for all hematopoietic and lymphoid neoplasms.

### Ask a SEER Registrar

<http://seer.cancer.gov/registrars/contact.html>

Members of the cancer registrar community may use this tool to submit questions to SEER about coding cancer cases or about materials for registrars that are distributed through the SEER website.

### SEER Abstracting Tool (SEER\*Abs)

<http://seer.cancer.gov/seerabs>

The SEER Abstracting Tool (SEER\*Abs) is a configurable data collection tool that allows cancer registrars to collect and store data abstracted from patients' medical records.

### Education and Training

<http://seer.cancer.gov/training>

SEER\*Educate and the SEER Training Website offer online education free of charge. SEER QI offers various educational opportunities throughout the year, including the SEER Advanced Workshop, held annually with the National Cancer Registrars Association conference. The workshop provides advanced, in-depth training for registrars on a variety of topics. Additionally, many educational opportunities such as free online presentations are available through the SEER website.

### SEER API Web Services

<http://api.seer.cancer.gov>

This service is available to developers who wish to incorporate SEER resources into their own systems. SEER API includes databases and tools developed to enhance registry operations and quality improvement.

September 2016

## **SEER\*Rx Antineoplastic Drug Database**

<http://seer.cancer.gov/tools/seerrx>

SEER\*Rx is an interactive, downloadable antineoplastic drug database developed as a comprehensive resource for coding oncology drug and regimen treatment categories. It is available in both web-based and stand-alone versions.

## **SEER Inquiry System (SINQ)**

<http://seer.cancer.gov/seer inquiry>

The SEER Inquiry System (SINQ) is an interactive web repository of questions submitted by cancer registrars and answered by SEER experts. The questions and answers can be searched and viewed by all registrars.

## **SEER Reliability Studies**

<http://seer.cancer.gov/qi/tools/reliability.html>

NCI SEER conducts a number of web-based reliability studies as a vital part of the quality improvement process. The studies are designed to test the skills of central and hospital registry personnel and to measure consistency in the application of codes and coding rules across a program. In a reliability study, all participants code information from the same medical records using the same references under similar conditions.

## **ICD Conversion Files**

<http://seer.cancer.gov/tools/conversion/>

Numerous files are available showing the conversions between ICD-O-1, ICD-O-2, ICD-O-3, ICD-9, and ICD-10. Information for ICD-10-CM (effective 10/01/2015 in the US) is also available.

## **Publications**

<http://seer.cancer.gov/publications>

The SEER Quality Improvement (QI) team produces numerous publications on quality issues and updates publications, such as the SEER Program Staging and Coding Manual, which promote a continuous QI process.

## **SEER Edits**

The SEER Edits are an extensive set of field and record edits provided by the SEER Program and maintained by the NAACCR EDITS Committee. SEER Edits are distributed as part of the NPCR-EDITS Metafiles. SEER Edits are used to identify and correct errors in data via the following software: GenEdits, SEER\*Edits, SEER\*Abs, and SEER\*DMS. The SEER Program also developed the SEER edits engine to validate incidence data stored in a variety of data formats including text files and database structures. The edits engine is a software module that can be used by Java-based programs.

## **Other Resources**

Several other resources can be found on the SEER website. These include data documentation, casefinding lists, algorithms and tables for calculating recodes, and links to other related resources.

## **Contact Information**

Surveillance Research Program  
Division of Cancer Control and Population Sciences  
National Cancer Institute  
9609 Medical Center Drive  
Rockville, MD 20850  
Telephone: (240) 276-6740  
Fax: (240) 276-7908  
E-mail: [seer@imsweb.com](mailto:seer@imsweb.com)

Sign up to receive e-mail announcements about QI resources available on the SEER website including updates to manuals, software, and other news. Go to <http://seer.cancer.gov/registrars/news.html> and sign up to be among the first to know.