

USING THE SEER WEBSITE SEER*RSA FOR STAGING AND SSDI'S

**SEER IS AN AUTHORITATIVE SOURCE FOR CANCER
STATISTICS IN THE UNITED STATES.**

The Surveillance, Epidemiology, and End Results (SEER) Program provides information on cancer statistics in an effort to reduce the cancer burden among the U.S. population. SEER is supported by the Surveillance Research Program (SRP) in NCI's Division of Cancer Control and Population Sciences (DCCPS).



FCDS Virtual Annual Conference

8/26/2021

Steven Peace, CTR



NATIONAL CANCER INSTITUTE

Division of Cancer Control & Population Sciences

CDC & Florida DOH Attribution



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Outline

- Standard Setting Organizations in Cancer Surveillance - STANDARDS
- Why Focus on SEER Website Over Other Standard Setters Websites
- Introduction to the SEER Website – Main Page – Announcements
- Introduction to the SEER Website – Cancer Statistics, Data, and Software
- Introduction to the SEER Website – Registry Operations
 - Reporting Guidelines
 - Tools and Software
 - Questions and Answers
 - Staging
 - Training
- Questions



NATIONAL CANCER INSTITUTE

Surveillance, Epidemiology, and End Results Program

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Standard Setting Organizations in Cancer Surveillance

Who Sets the Standards – Who Writes the Rules – Who Provides the Tools to Use the Standards

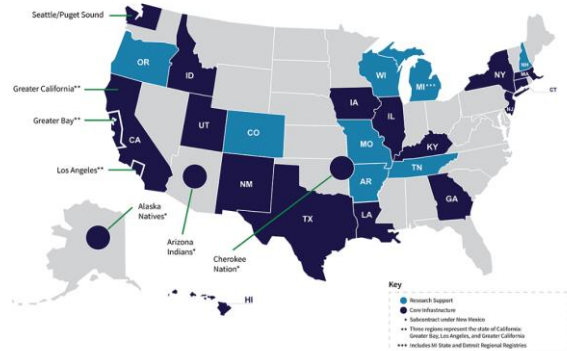
- SEER – Sets Standards, Writes Rules/Manuals/Instructions, Provides Most of the Tools/Training
- NPCR – Sets Standards, Participates in Writing of Rules/Manuals/Instructions, Provides Tools/Training
- ACoS/CoC – Sets Standards, Writes Rules/Manuals/Instructions, Provides Limited Tools/Training
- AJCC – Writes Rules/Manuals, Provides Limited Tools/Training
- Individual State Registries – Collect State Data, Provide Varying Levels of Manuals, Tools and Training
- NCRA – Provides Limited Tools/Training – Supports the Profession
- NAACCR – Writes Data Transmission Standards – NPCR Provides Tools for Data Transmission
- NAACCR – Oversees ALL Standards – Establishes/Publishes Consensus Standards that All Registries Use
- NAACCR – Provides Tools and Training for BOTH Hospital and Central Registries – Collaboration Focus
- Other Standards Used Such as ICD-10-CM, ICD-O, SNOMED, CPT, HCPCS, DICOM, CAP, etc. are managed separately by their own organization(s) with varying training/tools that Cancer Registries Use as Is...

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Why Focus on SEER Website

Most of Tools & Training are Provided by SEER

- Authoritative Source of Information on Cancer Incidence and Survival in the U.S.
- Now Covers 50% of United States Population
- Focus on Special Populations
- 40 Year Anniversary
- Publishes Software Tools
- Publishes Standards
- Publishes Manuals
- Publishes Tools
- Resources
- Training



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NCI SEER Website – Main Page

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NCI SEER Website – Main Page

Landing Page with SEER News & Links to Sections

The screenshot shows the main landing page of the NCI SEER website. It features four primary content blocks arranged in a 2x2 grid:

- Cancer Stat Facts:** A section with a green header and a bar chart icon. It offers statistical summaries for common cancer types, includes a dropdown menu set to "All Cancers", and a "View Stat Facts" button.
- Did You Know? Video Series:** A section with a blue header and a video frame icon. It provides a snapshot of cancer impact in the U.S. and includes a "Watch Latest Video" button.
- SEER*Explorer:** A section with a purple header and a magnifying glass icon. It describes a new way of exploring cancer statistics in the U.S. and includes a "Start Exploring" button.
- National Childhood Cancer Registry:** A section with a yellow header and a map icon. It provides rates and trends in childhood cancer incidence and includes a "Visit NCCR" button.

At the bottom of the page, there are two labels: "Latest Releases & Highlights" on the left and "SEER News" on the right. A small number "7" is located in the bottom right corner of the page.

NCI SEER Website – Cancer Statistics

The screenshot displays the "Cancer Statistics" section of the NCI SEER website. The navigation bar at the top includes links for Home, Cancer Statistics (selected), SEER Data & Software, Registry Operations, News, and About.

The main content area is divided into several sections:

- Reports on Cancer:** A section with a dark blue header. It lists statistical summaries and annually updated reports on trends in cancer statistics, including:
 - Annual Report to the Nation on the Status of Cancer
 - Cancer Stat Facts
 - Cancer Statistics Review (CSR)
 A "More Reports" link is provided at the bottom.
- National Childhood Cancer Registry:** A section with a light blue header. It states that the NCCR provides comprehensive and frequently requested statistics based on International Classification of Childhood Cancer and age groupings. A "More about NCCR" button is located at the bottom.
- Did You Know? Video Series:** A section with a dark blue header. It features a video frame showing a doctor and a patient. Below the video, it says "Did You Know? videos give a snapshot of cancer impact in the U.S." and includes a "Watch Latest Video" link.
- Interactive Tools, Maps, & Graphs:** A section with a dark blue header. It describes web-based tools for creating statistical tables, graphs, and maps from various data sources. It lists:
 - SEER*Explorer
 - Cancer Query Systems
 A "More Tools" link is at the bottom.
- Understanding Statistics:** A section with a dark blue header. It offers videos about cancer statistics and definitions of key statistical terms. It lists:
 - Did You Know? Video Series
 - Defining Cancer Statistics
 - Glossary of Statistical Terms
 A "More Resources" link is at the bottom.
- Twitter Feed:** A section on the right side showing a tweet from @NICancerStats. The tweet text reads: "24% of #ProstateCancer cases are diagnosed in the localized region. This means that the cancer has not spread to other parts of the body. Learn more facts and statistics with our Cancer Stat Facts sheet: tufl3y27Zp6A8". Below the text is a thumbnail image of a pie chart titled "Prostate Cancer" showing the distribution of cases by region.

A small number "8" is located in the bottom right corner of the page.

NCI SEER Website – SEER Data and Software

SEER Incidence Database

Incidence and population data associated by age, sex, race, year of diagnosis, and geographic areas.

- About the SEER Incidence Data
- Comparison of Data Products
- How to Request the Data

[More about the Data](#) ▶

Documentation for SEER Data

Variable definitions and other documentation related to reporting and using SEER and related datasets.

- SEER*Stat Database Details
- Variable and Recode Definitions

[More Documentation](#) ▶

U.S. Datasets

U.S. Mortality

The data include all causes of death, not just cancer deaths.

U.S. Populations

The county population estimates currently used in the SEER*Stat software.

Standard Populations

The age distributions used as weights to create age-adjusted statistics.

SEER Linked Databases

Each of these databases reflects the linkage of SEER data with one or more other large data sources.

[More Datasets](#) ▶

Specialized Databases

Apply for access to additional fields that SEER collects and makes available through databases that are not part of the standard research data files.

[More about Specialized Datasets](#) ▶

Observational Research in Oncology Toolbox

This interactive database is intended to guide systematic, standardized, and reproducible extramural research for observational studies that require the use of specialized nomenclatures during study design.

[Go to the Toolbox](#) ▶

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NCI SEER Website – SEER Software & Methods

Software & Methods

SEER*Stat

Provides a convenient, intuitive mechanism for analyzing of SEER and other cancer-related databases.

SEER*Prep

Converts ASCII text data files to the SEER*Stat database format, allowing you to analyze your cancer data using SEER*Stat.

Methods & Tools for Population-based Cancer Statistics

Methods, software, and tools for the analysis, reporting, and visualization of cancer statistics.

[More about Methods & Tools](#) ▶

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NCI SEER Website – Registry Operations

Registry Operations

Reporting Guidelines

SEER Program Coding Manual
The 2021 manual is to be used for cases diagnosed January 1, 2021 and forward.

Hematopoietic Project
Data collection rules for hematopoietic and lymphoid neoplasms for 2010+.

2018 Solid Tumor Rules
2018 Solid Tumor coding rules replace the 2007 MP/H rules for cases diagnosed 2018 and forward.

COVID-19 Abstraction Guidance
Technical guidance regarding the implementation of COVID-19 data abstraction.

[More Reporting Guidelines >](#)

Tools & Software

Glossary for Registrars
Use of terms, alternate names, abstractor notes, primary site and histology.

SEER*Rx – Drug Database
One-step lookup for coding oncology drug and regimen treatment categories.

SEER Abstracting Tool (SEER*Abs)
Used to collect and store data abstracted from medical records.

SEER Data Management System (SEER*DMS)
Supports all core cancer registry functions.

[More Tools & Software >](#)

Announcements

- Released May 11, 2021
SEER*Abs Version 2.17.3
- Released May 7, 2021
File*Pro Version 3.22
- June 1-2, 2021
2021 SEER Advanced Topics for Registry Professionals Workshop
- Released January 25, 2021
February 2021 Data Submission Requirements
- Released December 9, 2020
2018 Solid Tumor Rules Updates
- Released October 2, 2020
2021 Casefinding Lists
- Released October 2, 2020
2021 Guidelines for ICD-O-3 Histology Code and Behavior
- Revised August 10, 2020
COVID-19 Abstraction Guidance
- Posted August 13, 2020
COVID-19 Abstraction Guidance Q&A

NCI SEER Website – Registry Operations

Questions & Answers

SEER Inquiry System
Searchable collection of coding and abstracting questions and answers.

Ask a SEER Registrar
Submit a question about SEER cancer registrar materials.

Data Collection Answers
Clarifications to existing and historical coding rules.

Staging

Registrar Staging Assistant
Intended for use by cancer registrars to help assign Extent of Disease (EOD) 2018.

Summary Stage 2018
The most basic way of categorizing how far a cancer has spread from its point of origin.

Extent of Disease 2018
Resources including the EOD General Instructions and the EOD Consolidation Manual.

[More Staging Resources >](#)

Resources

- Manual Reference Guide

Mailing List
Sign up to receive announcements pertinent to NCI SEER, other standard setters, and cancer registries.

Training

Becoming a Cancer Registry Professional
Frequently asked questions and resources on becoming a CTR.

SEER Training Web Site
Web-based training modules for cancer registration and surveillance.

SEER*Educate
Online training platform for cancer registry professionals.

[More Training Resources >](#)

SEER*RSA

Registrar Staging Assistant (SEER*RSA)

Staging

Registrar Staging Assistant (SEER*RSA)

Summary Stage 2018 +

Staging Resources +

Collaborative Stage

The Registrar Staging Assistant (SEER*RSA) website is intended for use by cancer registrars to help with the following.

- For cases diagnosed 2018 and forward
 - Code Extent of Disease (EOD) 2018
 - Code Summary Stage 2018 (SS2018)
 - Code Site-Specific Data Items
 - Code Grade
- For cases diagnosed in 2016 and 2017
 - Determine the International Union Against Cancer (UICC) TNM 7th edition stage and Collaborative Stage v.02.05.50
 - Code Site-Specific Factors (predictive and prognostic factors)

SEER*RSA

SEER*RSA

Welcome to the SEER*RSA (SEER Registrar Staging Assistant) website. This site is to be used by cancer registrars who abstract and code extent of disease information, and important site-specific predictive and prognostic factors. Instructional manuals are provided elsewhere.

Usage

Use the information on this site to:

- › Code EOD 2018 data items
- › Code Summary Stage 2018
- › Code Site-Specific Data Items (SSDIs)
- › Code TNM or CS data items, as appropriate, for 2017 and prior cases

In addition to this site, SEER*RSA data are provided via both an API and software libraries. To learn more, choose from the following links:

[EOD data access](#) [TNM data access](#) [CS data access](#)



[View EOD Data \(2018+\)](#) Current Version: 2.0



[View TNM 7th Data \(2016-2017\)](#) Current Version: 1.9



[View CS Data \(2004-2015\)](#) Current Version: 02.05.50



SEER*RSA

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SEER Registrar Staging Assistant

Database Version:
EOD_PUBLIC v2.0 Go

EOD Data

v2.0

SCHEMA LIST
MANUALS
STAGING CALCULATOR
SOFTWARE
CONTACT

Extent of Disease 2018

Extent of Disease (EOD) is a set of three data items that describe how far a cancer has spread at the time of diagnosis. EOD 2018 is effective for cases diagnosed in 2018 and later.

In each EOD schema, valid values, definitions, and registrar notes are provided for

- > EOD Primary Tumor
- > EOD Lymph Nodes
- > EOD Mets
- > Summary Stage 2018
- > Site-Specific Data Items (SSDIs) including grade pertinent to the schema

EOD Schema List
>

See below for more information about schemas.

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SEER*RSA – Schema List – 2 ways to search

➔

Standard Search
Site-Specific Search

Search

Displaying 118 Schemas

➔
118 Schemas in List

Cancer Schema List			
Adnexa Uterine Other	Eye Other	Melanoma Choroid and Ciliary Body	Plasma Cell Disorders
Adrenal Gland	Fallopian Tube	Melanoma Conjunctiva	Plasma Cell Myeloma
Ampulla of Vater	Floor of Mouth	Melanoma Head and Neck	Pleural Mesothelioma
Anus	Gallbladder	Melanoma Iris	Primary Cutaneous Lymphoma (Including MF and SS)
Appendix	Genital Female Other	Melanoma Skin	Primary Peritoneal Carcinoma
Bile Duct Distal	Genital Male Other	Merkel Cell Skin	Prostate
Bile Ducts Intrahepatic	GST	Middle Ear	Respiratory Other
Bile Ducts Perihilar	Gum	Mouth Other	Retroblastoma
Biliary Other	Heart, Mediastinum and Pleura	Myosis Fungoides	Retropertoneum
Bladder	Hemifacial	Nasal Cavity and Ethmoid Sinus	Sinus Other
Bone Appendicular Skeleton	Hypopharynx	Nasopharynx	Skin Eyelid
Bone Pelvis	Ill-Defined Other	NET Adrenal Gland	Skin Other
Bone Spine	Intracranial Gland	NET Ampulla of Vater	Small Intestine
Brain	Kaposi Sarcoma	NET Appendix	Soft Tissue Abdomen and Thoracic
Breast	Kidney Parenchyma	NET Colon and Rectum	Soft Tissue Head and Neck
Buccal Mucosa	Kidney Renal Pelvis	NET Duodenum	Soft Tissue Other
Cervical Lymph Nodes and Unknown Primary	Lacrimal Gland	NET Jejunum and Ileum	Soft Tissue Trunk and Extremities
➔ Cervix	Lacrimal Sac	NET Pancreas	Stomach
CHS Other	Larynx Glottic	NET Stomach	Testis
Colon and Rectum	Larynx Other	Orbital Sarcoma	Thymus
Conjunctiva	Larynx Subglottic	Oropharynx (p16-)	Thyroid
Corpus Adenocarcinoma	Larynx Squamous	Oropharynx HPV-Mediated (p16+)	Thyroid Medullary
Corpus Carcinoma and Carcinosarcoma	Lip	Ovary	Tongue Anterior
Corpus Sarcoma	Liver	Palate Hard	Trachea
Cutaneous Carcinoma of Head and Neck	Lung	Pancreas	Urethra
Cystic Duct	Lymphoma	Parathyroid	Urethra-Prostatic
Digestive Other	Lymphoma Ocular Adnexa	Penis	Urinary Other
Endocrine Other	Lymphoma-CLL/SLL	Pharynx Other	Vagina
Esophagus (Including GE Junction) (Excluding Squamous)	Major Salivary Glands	Racemata	Vulva
Esophagus (Including GE Junction) Squamous	Maxillary Sinus		

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SEER*RSA – Schema ID & Discriminators

AJCC Chapter Calculation

Collapsed Table Full Table

Primary Site	Histology	AJCC ID	Description	AJCC Version Number
C150-C155, C158-C159, C160	8000, 8010, 8013, 8041, 8071, 8145, 8246, 8255	16.3	Esophagus and Esophagogastric Junction: Other Histologies	08
C150-C155, C158-C159, C160	8020, 8140, 8148, 8200, 8244, 8430	16.2	Esophagus and Esophagogastric Junction: Adenocarcinoma	08
C150-C155, C158-C159	8240, 8249	16.3	Esophagus and Esophagogastric Junction: Other Histologies	08
C150-C155, C158-C159, C160	8001-8005, 8011-8012, 8014-8015, 8021-8040, 8042-8046, 8060, 8072-8073, 8075-8076, 8078-8082, 8084-8131, 8141-8144, 8146-8147, 8149, 8154, 8160-8191, 8201-8231, 8243, 8245, 8247-8248, 8250-8254, 8256-8420, 8440-8552, 8561-8682, 8690-8700, 8720-8790, 9700-9701	XX	Other Esophagus and Esophagogastric Junction	88
C150-C155, C158-C159	8150-8153, 8155-8156, 8158, 8241-8242, 8683	XX	Other Esophagus and Esophagogastric Junction	88

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SEER*RSA – Schema ID & Discriminators

Esophagus (including GE junction) (excluding Squamous)

Primary Site	Histology	Schema Discriminator 1	Schema Discriminator 2
C150-C155, C158-C159	8000-8015, 8021-8046, 8060, 8071-8073, 8075-8076, 8078-8082, 8084-8552, 8561-8700, 8720-8790, 9700-9701		
C160	8000-8015, 8021-8046, 8060, 8071-8073, 8075-8076, 8078-8082, 8084-8149, 8154, 8160-8231, 8243-8248, 8250-8552, 8561-8682, 8690-8700, 8720-8790, 9700-9701	2	
C150-C155, C158-C159	8020		2
C160	8020	2	2

Esophagus (including GE junction) Squamous

Primary Site	Histology	Schema Discriminator 1	Schema Discriminator 2
C150-C155, C158-C159	8050-8054, 8070, 8074, 8077, 8083, 8560		
C160	8050-8054, 8070, 8074, 8077, 8083, 8560	2	
C150-C155, C158-C159	8020		1.9
C160	8020	2	1.9

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SEER*RSA – Data Items by Schema

Click on the NAACCR Item to get a complete description of the Data Item as described in the NAACCR Volume II – Data Dictionary

NAACCR Item #390: Date of Diagnosis

Start Column 544	Alignment LEFT
End Column 551	Padding Character -

Documentation

Item #	Length	Source of Standard	Year Implemented	Version Implemented	Year Retired	Version Retired	Column #
390	8	SEER/GOG					544 - 551

NAACCR XML: Tumor.dateOfDiagnosis

Alternate Names

Date of Initial Diagnosis (CoC)

Description

Date of initial diagnosis by a recognized medical practitioner for the tumor being reported whether clinically or microscopically confirmed. See Chapter X for data format.

For more discussion on determining date of diagnosis, consult the SEER Program Coding and Staging Manual or CoC STORE# manual.

Data Items

Name	Default Value	Used for Staging	NAACCR Item	Required By	Metadata
Year of Diagnosis	<BLANK>	No	NAACCR #390		None
Primary Site	<BLANK>	Yes	NAACCR #400		None
Histology	<BLANK>	Yes	NAACCR #522		None
Behavior	<BLANK>	No	NAACCR #523		None
Schema Discriminator 1	<BLANK>	Yes	NAACCR #3926	All	SSDI
Schema Discriminator 2	<BLANK>	Yes	NAACCR #3927	All	SSDI
Tumor Size Clinical	<BLANK>	No	NAACCR #752		None
Tumor Size Pathological	<BLANK>	No	NAACCR #754		None
Tumor Size Summary	999	No	NAACCR #756		None
Regional Nodes Positive	99	Yes	NAACCR #820		None
Regional Nodes Examined	99	No	NAACCR #830		None
LVI	9	No	NAACCR #1182		None
RX Summ Surgery/Radiation Sequence	<BLANK>	No	NAACCR #1380		None
RX Summ Systemic/Surgery Sequence	<BLANK>	No	NAACCR #1639		None
EOD Primary Tumor	999	Yes	NAACCR #772		None
EOD Regional Nodes	999	Yes	NAACCR #774		None
EOD Mets	00	Yes	NAACCR #776		None
SS2018	<BLANK>	No	NAACCR #764		None
Grade Clinical	9	No	NAACCR #3843	CCCR/Canada COC NPCR SEER	SSDI
Grade Pathological	9	Yes	NAACCR #3844	All	SSDI
Grade Post Therapy Clin (yc)	<BLANK>	No	NAACCR #1068	CCCR/Canada COC NPCR SEER	SSDI
Grade Post Therapy Path (yp)	<BLANK>	No	NAACCR #3845	CCCR/Canada COC NPCR SEER	SSDI
HER2 Overall Summary	9	No	NAACCR #3855	SEER	SSDI

SEER*RSA – Staging Methods

Click on the center item to get a description of each staging component included in AJCC, EOD, SS2018 and the Valid Codes for each data item for statging.

EOD Primary Tumor

Notes

Note 1: The wall of the esophagus has five layers: mucosal (code 100), submucosal (code 150), muscular (code 250), subserosal (code 300) and serosal (code 400).

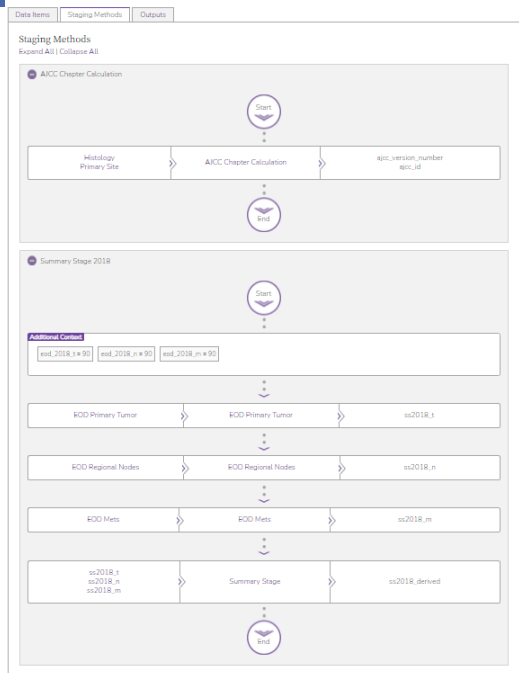
The three layers of the mucosa (epithelium, lamina propria, and muscularis mucosae) may be called the m1, m2, and m3 layers. The submucosa may be described as having inner, middle, and outer thirds called o1, o2, and o3.

Note 2: Non-muscular specimens in the esophagus formerly called in situ are now called high-grade dysplasia. High-grade dysplasia and severe dysplasia are generally not reportable in cancer registries.

Note 3: Ignore intraluminal extension to adjacent segment(s) of esophagus or to cardia of stomach and code depth of invasion or extra-esophageal spread as indicated.

Note 4: If the tumor's extension is only described by a phrase like "through the muscularis propria", this could mean that the cancer has penetrated the outermost muscle cells but not beyond (code 230), but usually "through the muscularis" or "through the esophageal wall" is used to indicate that the cancer extends beyond the muscle and into adjacent tissue (code 300).

Code	Description	SS2018 T
000	In situ, intraepithelial, non-muscular, high-grade dysplasia	0
100	Intramucosal, NOS, lamina propria, Mucosa, NOS, Muscularis mucosae	L
150	Submucosa (superficial invasion)	L
200	Confined to esophageal, NOS, Localized, NOS	L
250	Muscularis propria	L
300	Extension through wall, NOS, Invasion through muscularis propria in muscularis, NOS, Perimucular tissue involved, Submucosa transected/involved, In situ	L
390	Adventitia and/or soft tissue involved, Esophagus is described as "T8ED", Extension to adjacent connective tissue, WITHOUT perforation of round peritoneum covering these structures, Gastroesophageal Junction, Ligaments, Gastroesophageal	RE



SEER*RSA – Outputs

Outputs				
Name	Default Value	Description	NAACCR Item	Metadata
Schema ID	00169		NAACCR #3800	None
AJCC ID	XX		NAACCR #995	None
AJCC Version Number	<BLANK>		NAACCR #1060	None
Derived Version	{{ctx_alg_version}}		None	None
Derived Summary Stage 2018	9		NAACCR #762	None

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SEER*RSA – Staging Calculator



EOD Data v2.0
SCHEMA LIST MANUALS STAGING CALCULATOR SOFTWARE CONTACT

EOD Home > Staging Calc

Site:










Histology:

Year of Diagnosis:

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SEER*RSA – Staging Calculator

Esophagus (including GE junction) (excluding Squamous)

Primary Site:	<input type="text" value="C155"/>	
Histology:	<input type="text" value="8140"/>	
Year of Diagnosis:	<input type="text" value="2021"/>	
Schema Discriminator 1:	<input type="text"/>	
Schema Discriminator 2:	<input type="text"/>	
Regional Nodes Positive:	<input type="text" value="01"/>	
EOD Primary Tumor:	<input type="text" value="300"/>	
EOD Regional Nodes:	<input type="text" value="300"/>	
EOD Mets:	<input type="text" value="00"/>	
Grade Pathological:	<input type="text" value="3"/>	

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SEER*RSA – Staging Calculator

Staging Results – STAGED

naaccr_schema_id = 00169

derived_version = 2.0

eod_2018_m = M0

ajcc_id = 16.2

eod_2018_t = T3

eod_2018_stage_group = 3B

ajcc_version_number = 08

eod_2018_n = N1

ss2018_derived = 3

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SEER Training



Home Citation Help

- Cancer Registration & Surveillance Modules
- Site-specific Modules
- Resources
- Archived Modules
- Updates
- Acknowledgements

Welcome to SEER Training

Welcome to the fully accessible SEER Training Website. SEER's Training Website was developed to provide web-based training modules for cancer registration and surveillance, but can be used by anyone. The training modules on this site are funded by the U.S. National Cancer Institute's [Surveillance, Epidemiology and End Results \(SEER\) Program](#).



The SEER Training Website is currently undergoing an update and revision cycle. NCI Subject Matter Experts are determining which materials will require updating and have begun that process. Check the [Update](#) section regularly to stay informed as to which materials have been identified for updating and where they stand in the process.

SEER Training - Content

- Cancer Registration & Surveillance Modules
 - Cancer Registration
 - Cancer Registry Operations & Procedures
 - Cancer as a Disease
 - Cancer & Medical Terminology
 - Anatomy & Physiology
 - Casefinding
 - ICD-10-CM (NEW)
 - Abstracting a Cancer Case
 - Diagnostic Tests
 - Coding Primary Site & Tumor Morphology
 - Staging a Cancer Case
 - Summary Stage 2018 (SS2018) (NEW)
 - Cancer Treatment
 - Cancer Patient Follow-up

Cancer Registration & Surveillance Modules

The *Cancer Registration & Surveillance* modules provide information needed by cancer registry staff and others interested in collecting and recording the most complete and accurate cancer data possible. The modules cover information on:

- Registries and their operations
- Basic anatomy and medical terminology
- Cancer tests and treatments
- Coding and staging standards for cancer registration
- Casefinding and follow-up

Note: The following modules have moved from the *Cancer Registration and Surveillance Modules* to the *References* section: *Introduction to Collaborative Stage, ICD-O-3, and Summary Stage 2000*.

SEER Training - Content

Cancer Registration & Surveillance Modules

Site-specific Modules

Colorectal Cancer
 Lung Cancer
 Prostate Cancer
 Breast Cancer
 Bladder Cancer
 Head & Neck Cancer
 UGI Tract Cancer
 Leukemia
 Lymphoma
 Cervical & Uterine Cancer
 Ovarian Cancer (NEW)
 Testicular Cancer
 Kidney & Ureter Cancer
 Pancreatic & Biliary Cancer
 Skin Cancer: Melanoma
 Brain & Other Nervous System

Site-Specific Modules

The Site-Specific Modules cover cancers of individual systems and organs in the human body. They introduce basic information about the anatomy of each site, the types of cancers affecting that site, risk factors, symptoms, treatments and survival rates for those cancers. The modules also cover the information you will need to abstract, code and stage site-specific cancers.

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SEER Training - Content

Cancer Registration & Surveillance Modules

Site-specific Modules

Resources

Links to Reference Materials

Links to Organizations

Archived Modules

Updates

Acknowledgements

Resources

This section includes two lists of links:

- **Links to Reference Materials** includes links to online and downloadable manuals, databases, and other helpful materials.
- **Links to Organizations** includes links to websites of cancer- and registry-related organizations as well as forums for coding and staging questions.

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SEER*Educate - Exercises

SEER*Educate

Log In

Welcome to SEER*Educate

This comprehensive training platform is tailored specifically for cancer registry professionals to improve technical skills through applied testing on the latest coding guidelines and concepts.



Why Sign Up?

Free

Funded by the National Cancer Institute for use by registrars in hospitals and central registries to promote quality data collection.

Learn By Doing

Hundreds of practice case scenarios provided for coding 60+ data items and detailed rationales displayed in the results.

CE-Eligible

An accessible, practical, and self-directed solution for CTRs to earn 20 CE credits per cycle.

[CREATE ACCOUNT](#)

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SEER*Educate - Exercises

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New Dx 2021 Exercises Released

Dx Year 2021 EOD, Summary Stage, Grade, SSDI for Breast, Colon, and Prostate now available

SEER*Educate Helpdesk is closed on weekends

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Training Curriculum

People come into the registry field with different educational backgrounds and work experience. The training curriculum includes material for:

- Recent graduates preparing for a registry job
- Registrars studying for the CTR exam
- CTRs earning CE hours in Practical Application
- Experienced CTRs training on new coding guidelines

As of May 2019, the following training series are available:

- Practical Application (CE's Available)**
 - DX 2018 EOD and Summary Stage (Closes for CEs on 12/31/2020) - 295 tests
 - Dx 2018 Grade (Closes for CEs on 12/31/2022) - 140 tests
 - Dx 2018 Home (Closes for CEs on 12/31/2021) - 30 tests
 - Dx 2018 MPH for Melanoma and Other Sites (Closes for CEs on 12/31/2022) - 10 tests
 - Dx 2018 Solid Tumor Rules (Closes for CEs on 12/31/2022) - 40 tests
 - Dx 2018 SSDI (Closes for CEs on 12/31/2021) - 85 tests

Coding Exercises for Earlier Diagnosis Years - Still Open for CEs

 - Dx 2016-2017 AJCC TNM 7th Ed (Closes for CEs on 12/31/2019) - 25 tests
 - Dx 2016-2017 Summary Stage 2000 (Closes for CEs on 12/31/2019) - 55 tests
 - Dx 2016-2017 UICC TNM 7th Ed (SEER Registries) (Closes for CEs on 12/31/2019) - 25 tests
- CTR Prep - No CEs**
 - Cancer Registry Management - 30 tests
 - CoC Cancer Program Standards - 20 tests
 - Coding Drill - Histology (Heme and Lymphoid) - 20 tests
 - Coding Drill - Site - 6 tests
 - Coding Drill - Surgery - 145 tests
 - Coding Guidelines - 2 tests
 - Disease Information - 50 tests
 - Statistics Practice - 12 tests
- Casefinding Tests - No CEs**
 - Path Practicum - 600 tests
- General Knowledge Tests menu**
 - Anatomy and Physiology - 50 tests
 - Medical Terminology - 43 tests
 - Statistics Theory - 10 tests
- Education Workshop (CEs Available)**
 - 2019 SEER Workshop - Grade Cases - 12 tests

SEER*Educate - Exercises

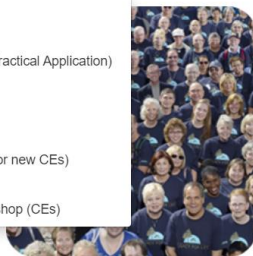
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How

- Casefinding - Path
- Casefinding - Scans
- Coding - CEs (formerly Practical Application)
- CTR Prep
- General Knowledge
- Incomplete 1
- Retired Coding (Closed for new CEs)
- Retired Multiple Choice
- SEER Educational Workshop (CEs)



LATEST ACTIVITY

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- Casefinding - Path - No CEs
 - Path Practicum 01 (9 hours)
 - + Path Group 001
 - + Path Group 002
 - + Path Group 003
 - + Path Group 004
 - + Path Group 005
 - + Path Group 006
 - + Path Group 007
 - + Path Group 008
 - + Path Group 009
 - + Path Group 010
 - + Path Practicum 02 (9 hours)
 - + Path Practicum 03 (9 hours)
 - + Path Practicum 04 (9 hours)
 - + Path Practicum 05 (9 hours)
 - + Path Practicum 06 (9 hours)
 - + Path Practicum 07 (9 hours)
 - + Path Practicum 08 (9 hours)
 - + Path Practicum 09 (9 hours)

- Casefinding - Scans - No CEs
 - Scans - Most Sites Practicum 1 (3 hours)
 - + Scans Group 01
 - + Scans Group 02
 - + Scans Group 03
 - + Scans Group 04
 - + Scans Group 05
 - Scans - Most Sites Practicum 2 (3 hours)
 - + Scans Group 06
 - + Scans Group 07
 - + Scans Group 08
 - + Scans Group 09
 - + Scans Group 10
 - Scans - Bone/Brain/CNS Practicum 3 (3 hours)
 - + Bone/Brain/CNS Group 01
 - + Bone/Brain/CNS Group 02
 - + Bone/Brain/CNS Group 03
 - + Bone/Brain/CNS Group 04
 - + Bone/Brain/CNS Group 05

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- General Knowledge - No CEs
 - Anatomy and Physiology
 - + A/P Introduction
 - + Circulatory System
 - + Digestive System
 - + Endocrine System
 - + Integumentary System
 - + Lymphatic and Immune Systems
 - + Musculature System
 - + Nervous System
 - + Reproductive System (Females)
 - + Reproductive System (Males)
 - + Respiratory System
 - + Skeletal System
 - + Urinary System
 - Medical Terminology
 - + Prefixes
 - + Combining Forms
 - + Suffixes
 - + Word Recognition

- Practical Application - CEs Available
 - New Material for Dx Year 2021
 - + Dx 2021 EOD, Summary Stage, Grade, SSDI (CEs Pending)
 - + Dx 2021 Histology (Closes for CEs on 12/31/2023)
 - + Dx 2021 Solid Tumor Rules Melanoma (New 4/15/2021)
 - Updated with Dx Year 2021 Released Rules
 - + Dx 2018-2021 Solid Tumor Rules (Closes for CEs on 12/31/2022)
 - + Dx 2018-2021 MPH for Other Sites (Closes for CEs 12/31/2022)
 - + Dx 2018-2021 Heme (Closes for CEs on 12/31/2021)
 - Coding Exercises Below for Earlier Diagnosis Years
 - + Dx 2018-2020 EOD and Summary Stage (Closes for CEs on 12/31/2020)
 - + Dx 2018-2020 Grade (Closes for CEs on 12/31/2022)
 - + Dx 2018-2020 MPH for Melanoma (Closes for CEs 12/31/2022)
 - + Dx 2018-2020 SSDI (Closes for CEs on 12/31/2021)

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- **CTR Prep - No CEs**
 - + 2020 CoC Standards - Optimal Resources for Cancer Care
 - + Cancer Registry Management, 3rd Edition
 - + Coding Drill - Dx 2018 Histology (Solid Tumors)
 - + Coding Drill - Dx 2018 Histology (Heme and Lymphoid)
 - + Coding Drill - Site
 - + Coding Drill - Surgery
 - + Disease Information
 - + Statistics Practice
 - Coding Exercises Below -- Pre-Dx2018 (No longer being updated but a

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- **Educational Workshop**
 - **Dx 2021 Histology for SEER 2021 Workshop**
 - **Dx 2021 Heme Histology**
 - Heme 01
 - Heme 02
 - Heme 03
 - Heme 04
 - Heme 05
 - Heme 06
 - Heme 07
 - Heme 08
 - Heme 09
 - **Dx 2021 Solid Tumor Histology**
 - Solid 01
 - Solid 02
 - Solid 03
 - Solid 04
 - Solid 05
 - Solid 06
 - Solid 07

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Home / Reports / View Excel Reports

View Excel Reports Report Documents

Click and expand **Coding Trend Analysis** to display the reports to use for assessing your understanding of the Practical Application tests at the series level (e.g. C5v02.05 coding series), the module level (e.g. C5v02.05 Head and Neck module) and the data item level. Click and expand **CE Reports** to see how many continuing education (CEs) you have earned. Click and expand **CTR Prep and General Knowledge** to display reports providing a quick overview on your test performance in both the CTR Prep and General Knowledge training areas. And if you are interested in seeing the latest list of all available tests currently being offered, or other interesting usage data, check out the available reports in **Test Index and Usage**.

Visit our [Report Guide](#) for the detailed description of each report. By default, all the reports return test data from **today's date**. Using a longer period will increase the wait time while the report is running; however, you may change the date range before running a report.

Expand the individual report panel, click the report you intend to run, modify the Start Date and/or End date, modify any other report parameters and click **Run Report**. The reports are generated as Excel spreadsheets. Depending on your browser settings, you may see a dialog box asking if you want to open or save the file or you may see a visual indication by your browser that the file is being saved to the downloads folder on your computer.

- + CE Reports - Current Years
- + Coding Trend Analysis
- + CTR Prep and General Knowledge
- + Casefinding Path Practicum
- + Casefinding Scan Practicum
- + Retired (Closed for New CE) Tests
- + Test Index and Usage

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Home / Reports / View Test Results

View Test Results

Test results and rationales of previously taken tests can be accessed at any time. To start, click [next](#) to the desired test.

An optional filter is available to reduce the number of tests displayed to facilitate locating a specific test to review. In addition, to sort tests by user preference, click on one of the bolded column labels: **Date Taken**, **Training Area**, **Test** and **% Correct**. The default displays the tests in reverse chronological order.

Select Test | Filter -

No tests

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Questions

