| November 2019 Data Submission Research Plus Data Items | | | | | | | |
|---|---|---|---|---|---|---|---|
| Item # refers to the NAACCR item number - see https://www.naaccr.org/StandardsandRegistryOperations/VolumeII.aspx | | | | | | | |
| CS= Collaborative Staging | | | | | | | |
| SSF = Site-specific Factor | | | | | | | |
| Limited-Field refers to SEER-21 databases that have a limited number of variables | | | | | | | |
| Columns B, C, and D list availability of the variables in Research and other databases | | | | | | | |
| Column E indicates if a field is available at the individual case level via a Case Listing session | | | | | | | |

| Name | Research | Research Limited-Field | Research Plus Limited-Field | Available in Case Listing | NAACCR Item # | Description | Category name |
|---|---|---|---|---|---|---|---|
| Age recode with <1 year olds | Yes | Yes | Yes | Yes | | The age recode variable is based on Age at Diagnosis (single-year ages). The groupings used in the age recode variable are determined by the age groupings in the population data. This recode has 19 age groups in the age recode variable (< 1 year, 1-4 years, 5-9 years, …, 85+ years). Will be in Race and Age (case data only) in rate or prevalence sessions if an alternate age is used as the population age variable. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Age at Diagnosis (or Race and Age (case data only)) |
| Race recode (White, Black, Other) | Yes | Yes | Yes | Yes | | Race recode is based on the race variables and the American Indian/Native American IHS link variable. This recode should be used to link to the populations for white, black and other. It is independent of Hispanic ethnicity. For more information, see https://seer.cancer.gov/seerstat/variables/seer/race_ethnicity/ | Race, Sex, Year Dx, Registry, County |
| Sex | Yes | Yes | Yes | Yes | 220 | Includes 1= Male and 2=Female from Sex [NAACCR Item #220] plus a total of male and female. This is used to link to the correct populations for males and females when calculating sex-specific rates. | Race, Sex, Year Dx, Registry, County |
| Year of diagnosis | Yes | Yes | Yes | Yes | 390 | Year of Diagnosis: values are 1973-2014 but may be a subset depending on the file that is used and the registry that is selected. There are no unknown values on the file. | Race, Sex, Year Dx, Registry, County |
| SEER registry | No | No | Yes | No | 40 | This field show the SEER registries which contribute data to this file. After the name of the registry, there is the beginning year of diagnosis for that registry. This data item varies by which data file is selected. See data description. https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Race, Sex, Year Dx, Registry, County |
| Louisiana 2005 - 1st vs 2nd half of year | No | No | Yes | No | | This field is used to separate Louisiana cases diagnosed in the first half of 2005 from those diagnosed in the second half of 2005 to link to different population estimates used to account for displaced persons due to Katrina/Rita. See https://seer.cancer.gov/data/hurricane.html | Race, Sex, Year Dx, Registry, County |
| County | No | No | Yes | No | 90 | County of residence at diagnosis. This must be used in conjunction with SEER registry or use State-county variable. For more information, see https://seer.cancer.gov/manuals/2004Revision%201/SPM_AppendixA.pdf | Race, Sex, Year Dx, Registry, County |
| State-county | No | No | Yes | No | | State and county at diagnosis. Can be used to link to the populations to produce rates at the state/county level. | Race, Sex, Year Dx, Registry, County |
| PRCDA 2017 | Yes | Yes | Yes | Yes | | This data item identifies whether or not the county of diagnosis is served by PRCDA. The primary use of this field is to be able to limit analyses of AI/AN race to areas served by PRCDA. See https://seer.cancer.gov/seerstat/variables/seer/race_ethnicity OR https://seer.cancer.gov/seerstat/variables/countyattribs/ | Race, Sex, Year Dx, Registry, County |
| PRCDA Region | No | No | Yes | No | | This data item is a grouping of counties that is primarily used when working with PRCDA 2006. See https://seer.cancer.gov/seerstat/variables/seer/race_ethnicity OR https://seer.cancer.gov/seerstat/variables/countyattribs/ | Race, Sex, Year Dx, Registry, County |
| Site recode ICD-O-3/WHO 2008 | Yes | Yes | Yes | Yes | | A recode based on Primary Site and Histology in order to make analyses of site/histology groups easier. For example, the lymphomas are excluded from stomach and Kaposi and mesothelioma are separate categories based on histology. For more information, see https://seer.cancer.gov/siterecode/icdo3_dwhoheme/ | Site and Morphology |
| Behavior recode for analysis | Yes | Yes | Yes | Yes | | This recode was created so that data analyses could eliminate major groups of histologies/behaviors that weren't collected consistently over time, for example benign brain, myelodysplastic syndromes, and borderline tumors of the ovary. Created from ICD-O-3 behavior and histology. For more information, see https://seer.cancer.gov/behavrecode | Site and Morphology |
| AYA site recode/WHO 2008 | Yes | Yes | Yes | Yes | | A site/histology recode that is mainly used to analyze data on adolescent and young adults. The recode was applied to all cases no matter the age in order that age comparisons can be made with these groupings. For more information, see https://seer.cancer.gov/ayarecode/ | Site and Morphology |
| Lymphoma subtype recode/WHO 2008 | Yes | Yes | Yes | Yes | | A site/histology recode that is mainly used to analyze data on lymphoma sub-types. Based on ICD-O-3. Note that cases diagnosed before 2001 were not coded under ICD-O-3 and were converted to ICD-O-3 and may not have the specificity of cases after 2000 that were coded directly under ICD-O-3. For more information, see https://seer.cancer.gov/lymphomarecode/ | Site and Morphology |
| ICCC site recode 3rd edition/IARC 2017 | Yes | Yes | Yes | Yes | | A site/histology recode that is mainly used to analyze data on children. The recode was applied to all cases no matter the age in order that age comparisons can be made with these groupings. Based on ICD-O-3. Note that cases diagnosed before 2001 were not coded under ICD-O-3 and were converted to ICD-O-3 and may not have the specificity of cases after 2000 that were coded directly under ICD-O-3. For more information on this International Classification of Childhood Cancer (ICCC) site recode, see https://seer.cancer.gov/iccc | Site and Morphology |
| TNM 7/CS v0204+ Schema | Yes | No | No | Yes | | CS information is collected under the specifications of a particular schema based on site and histology. This recode should used in any analysis of AJCC 7th ed stage and T, N, M. For more information See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pd | Site and Morphology |
| CS Schema - AJCC 6th Edition | Yes | No | No | Yes | | CS information is collected under the specifications of a particular schema based on site and histology. This recode should used in any analysis of AJCC 6th ed stage and T, N, M. Based on CS version 1, it should not be used for SSFs collected or modified under CS v02. https://cancerstaging.org/cstage/schema.html. For more information See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Site and Morphology |
| Primary Site - labeled | Yes | Yes | Yes | Yes | 400 | This provides the primary site code in ICD-O-3 and a descriptive primary site label. Note that the label is the preferred ICD-O-3 bolded name and there may be other sites or sub-sites included in the code but not reflected in the preferred term. Refer to ICD-O-3 for further information. Cases with years of diagnosis before 1992 were converted to ICD-O-3 from earlier versions. | Site and Morphology |
| Primary Site | Yes | Yes | Yes | Yes | 400 | Codes are found in the Topography section of the International Classification of Diseases for Oncology (ICD-O) 3rd edition. ICD-O-2 codes used for 1992-2000 are similar. Primary site codes for 1973-1991 were converted to ICD-O-3 and may lack the specificity of the ICD-O-3 primary site codes. | Site and Morphology |

| Name | Research | Research Limited-Field | Research Plus Limited-Field | Available in Case Listing | NAACCR Item # | Description | Category name |
|---|---|---|---|---|---|---|---|
| Histologic Type ICD-O-3 | Yes | Yes | Yes | Yes | 522 | Based on histology codes in ICD-O-3.  Cases diagnosed in 1973-2000 were coded in earlier versions and converted to ICD-O-3 and coded directly for 2001+. | Site and Morphology |
| Behavior code ICD-O-3 | Yes | Yes | Yes | Yes | | Based on behavior codes in ICD-O-3. Behavior code has had the same definitions in previous versions but may be associated differently with histologies over time.  For example, borderline of the ovary were considered malignant in ICD-O-2 but benign in ICD-O-3. cases diagnosed in 1973-2000 were coded in earlier versions and converted to ICD-O-3 and coded directly for 2001+.  In situ bladder cases have been converted to malignant in this field.  See Behavior recode for consistency over time. For more information See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Site and Morphology |
| Grade | Yes | Yes | Yes | Yes | 440 | Based on grade codes in ICD-O-3.  Cases diagnosed in 1973-2000 were coded in earlier versions and may lack the specificity of the 2001+ cases that were coded directly, especially for lymphomas/leukemia.  For more information See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Site and Morphology |
| Laterality | Yes | Yes | Yes | Yes | 410 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Site and Morphology |
| Diagnostic Confirmation | Yes | Yes | Yes | Yes | 490 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Site and Morphology |
| ICD-O-3 Hist/behav | Yes | Yes | Yes | Yes | | Labeled version of ICD-O-3 values for all behaviors.  See SEER*Stat dictionary for labels. | Site and Morphology |
| ICD-O-3 Hist/behav, malignant | Yes | Yes | Yes | Yes | | Labeled version of ICD-O-3 values for malignant tumors.  All non-malignant tumors are grouped into one value.  See SEER*Stat dictionary for labels. | Site and Morphology |
| Histology recode - broad groupings | Yes | Yes | Yes | Yes | | Based on Histologic type ICD-O-3.  For more information See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Site and Morphology |
| Histology recode - brain groupings | Yes | Yes | Yes | Yes | | Based on Histologic type ICD-O-3.  For more information See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Site and Morphology |
| ICCC site recode extended 3rd edition/IARC 2017 | Yes | Yes | Yes | Yes | | Based on ICD-O-3.  For more information on this International Classification of Childhood Cancer (ICCC) site/histology recode, see https://seer.cancer.gov/iccc.  While the recode is normally used for childhood cancers, it is on the file for all ages so that childhood cancers could be compared across age groups.  For more information,  see  https://seer.cancer.gov/iccc/iccc-iarc-2017.html | Site and Morphology |
| Site recode B ICD-O-3/WHO 2008 | Yes | Yes | Yes | Yes | | A recode based on Primary Site and Histology in order to make analyses of site/histology groups easier for multiple primary analyses.  For example, the lymphomas are excluded from stomach and Kaposi and mesothelioma are separate categories based on histology.  For more information, see https://seer.cancer.gov/siterecode_b/icdo3_who2008/ | Site and Morphology |
| ICCC site recode ICD-O-3/WHO 2008 | Yes | Yes | Yes | Yes | | A site/histology recode that is mainly used to analyze data on children.  The recode was applied to all cases no matter the age in order that age comparisons can be made with these groupings. Based on ICD-O-3. Note that cases diagnosed before 2001 were not coded under ICD-O-3 and were converted to ICD-O-3 and may not have the specificity of cases after 2000 that were coded directly under ICD-O-3. For more information on this International Classification of Childhood Cancer (ICCC) site recode, see https://seer.cancer.gov/iccc | Site and Morphology |
| ICCC site rec extended ICD-O-3/WHO 2008 | Yes | Yes | Yes | Yes | | Based on ICD-O-3.  For more information on this International Classification of Childhood Cancer (ICCC) site/histology recode, see https://seer.cancer.gov/iccc.  While the recode is normally used for childhood cancers, it is on the file for all ages so that childhood cancers could be compared across age groups.  For more information, see https://seer.cancer.gov/iccc/iccc-who2008.html | Site and Morphology |
| Summary stage 2000 (1998+) | Yes | No | No | Yes | | Summary Stage 2000 is derived from Collaborative Stage (CS) for 2004+ and Extent of Disease (EOD) from 1998-2003.  It is a simplified version of stage: in situ, localized, regional, distant, & unknown.  Used in the SEER CSR and more recent SEER publications.  For more information including sites and years for which it isn't calculated, see https://seer.cancer.gov/seerstat/variables/seer/lrd-stage/ | Stage - Summary/Historic |
| SEER Combined Summary Stage 2000 (2004+) | Yes | Yes | Yes | Yes | | Combination of NAACCR Item #s 759 and 3020. For 2004-2015 cases it is copied from Derived SS2000 and for 2016+ it is the best available between Derived SS2000 and SEER Summary Stage 2000.  All benign/borderline cases set to NA. | Stage - Summary/Historic |
| SEER historic stage A (1973-2015) | Yes | No | No | Yes | | SEER Historic Stage A is Derived from Collaborative Stage (CS) for 2004+ and Extent of Disease (EOD) from 1973-2003.  It is a simplified version of stage: in situ, localized, regional, distant, & unknown.  For more information including sites and years for which it isn't calculated, see https://seer.cancer.gov/seerstat/variables/seer/lrd-stage/ | Stage - Summary/Historic |
| Derived AJCC Stage Group, 7th ed (2010-2015) | Yes | No | No | Yes | 3430 | For more information, see https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - 7th edition |
| Derived AJCC T, 7th ed (2010-2015) | Yes | No | No | Yes | 3400 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |
| Derived AJCC N, 7th ed (2010-2015) | Yes | No | No | Yes | 3410 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |
| Derived AJCC M, 7th ed (2010-2015) | Yes | No | No | Yes | 3420 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |
| Derived SEER Cmb Stg Grp (2016+) | Yes | No | No | Yes | 3614 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |
| Derived SEER Combined T (2016+) | Yes | No | No | Yes | 3616 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |
| Derived SEER Combined N (2016+) | Yes | No | No | Yes | 3618 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |
| Derived SEER Combined M (2016+) | Yes | No | No | Yes | 3620 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |

| Name | Research | Research Limited-Field | Research Plus Limited-Field | Available in Case Listing | NAACCR Item # | Description | Category name |
|---|---|---|---|---|---|---|---|
| Derived SEER Combined T Src (2016+) | Yes | No | No | Yes | 3622 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |
| Derived SEER Combined N Src (2016+) | Yes | No | No | Yes | 3624 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |
| Derived SEER Combined M Src (2016+) | Yes | No | No | Yes | 3626 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - 7th edition |
| Derived AJCC Stage Group, 6th ed (2004-2015) | Yes | No | No | Yes | 3000 | The stage category for AJCC 6th edition is derived from Collaborative Staging data elements for 2004+ cases. See the CS site-specific schema for details (https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage) and the data description file for allowable values for display codes and storage values. See https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - 6th edition |
| Breast - Adjusted AJCC 6th Stage (1988-2015) | Yes | No | No | Yes | | Created from merged EOD 3rd Edition and Collaborative Stage disease information.  For more information see: https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/6th/. | Stage - 6th edition |
| Derived AJCC T, 6th ed (2004-2015) | Yes | No | No | Yes | 2940 | The T category for AJCC 6th edition is derived from Collaborative Staging data elements for 2004+ cases. See the CS site-specific schema for details (https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage) and the data description file for allowable values for display codes and storage values. See https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - 6th edition |
| Derived AJCC N, 6th ed (2004-2015) | Yes | No | No | Yes | 2960 | The N category for AJCC 6th edition is derived from Collaborative Staging data elements for 2004+ cases. See the CS site-specific schema for details (https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage) and the data description file for allowable values for display codes and storage values. See https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - 6th edition |
| Derived AJCC M, 6th ed (2004-2015) | Yes | No | No | Yes | 2980 | The M category for AJCC 6th edition is derived from Collaborative Staging data elements for 2004+ cases. See the CS site-specific schema for details (https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage) and the data description file for allowable values for display codes and storage values. See https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - 6th edition |
| Breast - Adjusted AJCC 6th T (1988-2015) | Yes | No | No | Yes | | Created from merged EOD 3rd Edition and Collaborative Stage disease information.  For more information see: https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/6th/ | Stage - 6th edition |
| Breast - Adjusted AJCC 6th N (1988-2015) | Yes | No | No | Yes | | Created from merged EOD 3rd Edition and Collaborative Stage disease information.  For more information see: https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/6th/ | Stage - 6th edition |
| Breast - Adjusted AJCC 6th M (1988-2015) | Yes | No | No | Yes | | Created from merged EOD 3rd Edition and Collaborative Stage disease information.  For more information see: https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/6th/ | Stage - 6th edition |
| Lymphoma - Ann Arbor Stage (1983-2015) | Yes | No | No | Yes | | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ann-arbor/ | Stage - Other |
| AJCC stage 3rd edition (1988-2003) | Yes | No | No | Yes | | Derived by algorithm from extent of disease (EOD).  Not available for all years or for all sites. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - Other |
| SEER modified AJCC stage 3rd (1988-2003) | Yes | No | No | Yes | | Derived by algorithm from extent of disease (EOD).  Not available for all years or for all sites.  The modified version stages cases that would be unstaged under strict AJCC staging rules.  For example, it assumes NX is N0. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - Other |
| T value - based on AJCC 3rd (1988-2003) | Yes | No | No | Yes | | Derived by algorithm from extent of disease (EOD).  Not available for all years or for all sites. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - Other |
| N value - based on AJCC 3rd (1988-2003) | Yes | No | No | Yes | | Derived by algorithm from extent of disease (EOD).  Not available for all years or for all sites. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - Other |
| M value - based on AJCC 3rd (1988-2003) | Yes | No | No | Yes | | Derived by algorithm from extent of disease (EOD).  Not available for all years or for all sites. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Stage - Other |
| TNM Edition Number (2016+) | Yes | No | No | Yes | 1060 | For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/ | Stage - Other |
| RX Summ--Surg Prim Site (1998+) | Yes | No | No | Yes | 1290 | NAACCR Name=RX Summ--Surg Prim Site, Item #=1290.  The information in this field is site-specific.  The amount/detail of information has varied over time and caution should be used when looking at trends over time.   For site-specific codes, see Appendix C of https://seer.cancer.gov/tools/codingmanuals/<br><br>Data for 1998-2002 are converted from Surgery of primary site (1998-2002), documented here: https://seer.cancer.gov/manuals/historic/AppendC.pdf. See here for changes between the two coding systems: https://seer.cancer.gov/tools/SEER2003.code.changes.122302.pdf | Therapy |
| RX Summ--Scope Reg LN Sur (2003+) | Yes | No | No | Yes | 1292 | Changed to Unknown or not applicable for breast cancer cases.  See https://seer.cancer.gov/seerstat/variables/seer/regional_ln/ for more information. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| RX Summ--Surg Oth Reg/Dis (2003+) | Yes | No | No | Yes | 1294 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |

| Name | Research | Research Limited-Field | Research Plus Limited-Field | Available in Case Listing | NAACCR Item # | Description | Category name |
|---|---|---|---|---|---|---|---|
| Radiation sequence with surgery | No | No | No | Yes | 1380 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| Reason no cancer-directed surgery | Yes | No | No | Yes | 1340 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| Radiation recode | No | No | No | Yes | | Created from NAACCR Item 1360. Recoded to combine No and Unknown. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| Chemotherapy recode (yes, no/unk) | No | No | No | Yes | | Created from NAACCR Item 1360. Recoded to combine No and Unknown. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| Scope of reg lymph nd surg (1998-2002) | Yes | No | No | Yes | 1647 | Changed to Unknown or not applicable for breast cancer cases. See https://seer.cancer.gov/seerstat/variables/seer/regional_ln/ for more information. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| RX Summ--Reg LN Examined (1998-2002) | Yes | No | No | Yes | 1296 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| Surgery of oth reg/dis sites (1998-2002) | Yes | No | No | Yes | 1648 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| Site specific surgery (1973-1997 varying detail by year and site) | Yes | No | No | Yes | 1640 | NAACCR Name=RX Summ--Surgery Type, Item #=1640. For more information, see https://seer.cancer.gov/seerstat/variables/seer/surgery. | Therapy |
| Radiation to Brain or CNS Recode (1988-1997) | No | No | No | Yes | | Recoded to combine No and Unknown. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| RX Summ--Systemic Surg Seq | No | No | No | Yes | 1639 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Therapy |
| Tumor Size Summary (2016+) | Yes | No | No | Yes | 756 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| Regional nodes examined (1988+) | Yes | No | No | Yes | 830 | Currently coded under CS -https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. Cases coded 1988-2003 used slightly different definitions - see SEER coding manual for those years. https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| Regional nodes positive (1988+) | Yes | No | No | Yes | 820 | Currently coded under CS - see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. Cases coded 1988-2003 used slightly different definitions - see SEER coding manual for 1988. https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| SEER Combined Mets at DX-bone (2010+) | Yes | No | No | Yes | | Created from NAACCR Item #=2851 (2010-2015) and #=1112 (2016+) See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| SEER Combined Mets at DX-brain (2010+) | Yes | No | No | Yes | | Created from NAACCR Item #=2851 (2010-2015) and #=1112 (2016+) See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| SEER Combined Mets at DX-liver (2010+) | Yes | No | No | Yes | | Created from NAACCR Item #=2851 (2010-2015) and #=1112 (2016+) See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| SEER Combined Mets at DX-lung (2010+) | Yes | No | No | Yes | | Created from NAACCR Item #=2851 (2010-2015) and #=1112 (2016+) See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| Mets at DX-Distant LN (2016+) | Yes | No | No | Yes | 1114 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| Mets at DX-Other (2016+) | Yes | No | No | Yes | 1117 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| Breast Subtype (2010+) | Yes | Yes | Yes | Yes | | Created with combined information from ER Status Recode Breast Cancer (1990+), PR Status Recode Breast Cancer (1990+), and Derived HER2 Recode (2010+). | Extent of Disease |
| ER Status Recode Breast Cancer (1990+) | Yes | No | No | Yes | | Created by combining information from Tumor marker 1 (1990-2003) (NAACCR Item #=1150), with information from CS site-specific factor 1 (2004+) (NAACCR Item #=2880). This field is blank for non-breast cases and cases diagnosed before 1990. | Extent of Disease |
| PR Status Recode Breast Cancer (1990+) | Yes | No | No | Yes | | Created by combining information from Tumor marker 2 (1990-2003) (NAACCR Item #=1150), with information from CS site-specific factor 2 (2004+) (NAACCR Item #=2880). This field is blank for non-breast cases and cases diagnosed before 1990. | Extent of Disease |
| Derived HER2 Recode (2010+) | Yes | No | No | Yes | | Created with combined information from several CS site-specific factors. For more information, see https://seer.cancer.gov/seerstat/databases/ssf/her2-derived.html. | Extent of Disease |

| Name | Research | Research Limited-Field | Research Plus Limited-Field | Available in Case Listing | NAACCR Item # | Description | Category name |
|---|---|---|---|---|---|---|---|
| Lymph-vascular Invasion (2004+ varying by schema) | Yes | No | No | Yes | 1182 | Required for cases originally coded under CSv2 or diagnosed 2010+ for the schemas for penis and testis only.  On the research file LVI is shown for testis and penis because it is needed for AJCC 6th & 7th ed  staging. See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease |
| CS tumor size (2004-2015) | Yes | No | No | Yes | 2800 | Information on tumor size.  Available for 2004+.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS extension (2004-2015) | Yes | No | No | Yes | 2810 | Information on extension of the tumor.  Available for 2004+.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. Note: this item was originally a 2 digit field and was expanded to 3 digits during conversion.  Generally, a zero was added to the right of the existing 2 digit field except for 99 which became 999. | Extent of Disease |
| CS lymph nodes (2004-2015) | Yes | No | No | Yes | 2830 | Information on involvement of lymph nodes. Available for 2004+.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. Note: this item was originally a 2 digit field and was expanded to 3 digits during conversion.  Generally, a zero was added to the right of the existing 2 digit field except for 99 which became 999. | Extent of Disease |
| CS mets at dx (2004-2015) | Yes | No | No | Yes | 2850 | Information on distant metastasis. Available for 2004+.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS Tumor Size/Ext Eval (2004-2015) | Yes | No | No | Yes | 2820 | Available for 2004+, but not required for the entire timeframe. Will be blank in cases not collected.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS Reg Node Eval (2004-2015) | Yes | No | No | Yes | 2840 | Available for 2004+, but not required for the entire timeframe. Will be blank in cases not collected.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS Mets Eval (2004-2015) | Yes | No | No | Yes | 2860 | Available for 2004+, but not required for the entire timeframe. Will be blank in cases not collected.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 1 (2004+ varying by schema) | Yes | No | No | Yes | 2880 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 2 (2004+ varying by schema) | Yes | No | No | Yes | 2890 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 3 (2004+ varying by schema) | Yes | No | No | Yes | 2900 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 4 (2004+ varying by schema) | Yes | No | No | Yes | 2910 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 5 (2004+ varying by schema) | Yes | No | No | Yes | 2920 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 6 (2004+ varying by schema) | Yes | No | No | Yes | 2930 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 7 (2004+ varying by schema) | Yes | No | No | Yes | 2861 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 8 (2004+ varying by schema) | Yes | No | No | Yes | 2862 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 9 (2004+ varying by schema) | Yes | No | No | Yes | 2863 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |

| Name | Research | Research Limited-Field | Research Plus Limited-Field | Available in Case Listing | NAACCR Item # | Description | Category name |
|---|---|---|---|---|---|---|---|
| CS site-specific factor 10 (2004+ varying by schema) | Yes | No | No | Yes | 2864 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 11 (2004+ varying by schema) | Yes | No | No | Yes | 2865 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 12 (2004+ varying by schema) | Yes | No | No | Yes | 2866 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 13 (2004+ varying by schema) | Yes | No | No | Yes | 2867 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 15 (2004+ varying by schema) | Yes | No | No | Yes | 2869 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 16 (2004+ varying by schema) | Yes | No | No | Yes | 2870 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS site-specific factor 25 (2004+ varying by schema) | Yes | No | No | Yes | 2879 | Each CS site-specific factor (SSF) is schema dependent.  They can provide information needed to stage the case, clinically relevant information, or prognostic information. Available for varying years and schemas depending on standard setter requirements.  Earlier cases may be converted and new codes added which weren't available for use prior to the current version of CS.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS version input current (2004-2015) | Yes | No | No | Yes | 2937 | Data item shows what version was in effect after input fields have been updated for recoded for this case. This data item along with CS version input original gives info on what document to use for the CS codes. For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS version input original (2004-2015) | Yes | No | No | Yes | 2935 | Data item shows what version was in effect the first time that CS was coded for this case.  This data item along with CS version input current gives info on what document to use for the CS codes.  For more information, see https://seer.cancer.gov/seerstat/variables/seer/ajcc-stage/. | Extent of Disease |
| CS version derived (2004-2015) | Yes | No | No | Yes | 2936 | Data item shows what CS version was used to derive the CS Derived item fields including T, N, M, AJCC stage and SEER Summary stages 1977 and 2000. | Extent of Disease |
| EOD 10 - Prostate path ext (1995-2003) | Yes | No | No | Yes | 800 | Information on extension of the tumor from the primary based on information from the prostatectomy for prostate cancer only.  For more information, see https://seer.cancer.gov/manuals/EOD10Dig.pub.pdf.  Note: for 2004+ similar type of information was collected in CS SSF 3 in the collaborative stage variables. | Extent of Disease - Historic |
| EOD 10 - extent (1988-2003) | Yes | No | No | Yes | 790 | Information on extension of the tumor from the primary and distant metastases.  For more information, see https://seer.cancer.gov/manuals/EOD10Dig.pub.pdf.  Note: for 2004+ similar type of information was collected in CS extension (2004+) and CS Mets at DX (2004+) in the collaborative stage variables. | Extent of Disease - Historic |
| EOD 10 - nodes (1988-2003) | Yes | No | No | Yes | 810 | Information on lymph node involvement.  Information is site-specific.  For more information, see https://seer.cancer.gov/manuals/EOD10Dig.pub.pdf. Note: for 2004+ similar type of information was collected in CS Lymph Nodes (2004+) in the collaborative stage variables. | Extent of Disease - Historic |
| EOD 10 - size (1988-2003) | Yes | No | No | Yes | 780 | Information on size of tumor.  For more information, see https://seer.cancer.gov/manuals/EOD10Dig.pub.pdf.  Note: for 2004+ similar type of information was collected in CS Tumor Size (2004+) in the collaborative stage variables. | Extent of Disease - Historic |
| Tumor marker 1 (1990-2003) | Yes | No | No | Yes | 1150 | This data item records prognostic indicators for breast cases (ERA 1990-2003), prostate cases (PAP 1998-2003) and testis cases (AFP 1998-2003). Please see CS SSFs for similar information for 2004+. For breast cancer cases ERA over time is available in ER Status Recode Breast Cancer (1990+).  https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease - Historic |
| Tumor marker 2 (1990-2003) | Yes | No | No | Yes | 1160 | This data item records prognostic indicators for breast cases (PRA 1990-2003) and testis cases (hCG 1998-2003).  Please see CS SSFs for similar information for 2004+.  For breast cancer cases PRA over time is available in PR Status Recode Breast Cancer (1990+). https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease - Historic |
| Tumor marker 3 (1998-2003) | Yes | No | No | Yes | 1170 | This data item records prognostic indicators for testis cases (LDH 1998-2003).  Please see CS SSFs for similar information for 2004+. https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Extent of Disease - Historic |
| Coding system-EOD (1973-2003) | Yes | No | No | Yes | 870 | Flag to indicate which type of EOD was coded: 0 Non-specific (N); 1 two-digit; 2 Expanded (EEOD) | Extent of Disease - Historic |
| 2-Digit NS EOD part 1 (1973-1982) | Yes | No | No | Yes | 850 | This field is used in conjunction with 2-digit NS EOD part 2 to describe a very rudimentary stage. Used in 1973-1982 for some years and some sites/histologies. Use Coding system-EOD with a 0 to use these definitions.  For more information see the introduction of https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |

| Name | Research | Research Limited-Field | Research Plus Limited-Field | Available in Case Listing | NAACCR Item # | Description | Category name |
|---|---|---|---|---|---|---|---|
| 2-Digit NS EOD part 2 (1973-1982) | Yes | No | No | Yes | 850 | See the description for 2-Digit NS EOD part 1 (1973-1982). | Extent of Disease - Historic |
| 2-Digit SS EOD part 1 (1973-1982) | Yes | No | No | Yes | 850 | This field is used in conjunction with 2-digit SS EOD part 2 to describe a two-digit site-specific EOD. Used in 1973-1982 for some years and some sites/histologies. Use Coding system-EOD with a 1 to use these definitions. For more information see the appropriate site-specific page of https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| 2-Digit SS EOD part 2 (1973-1982) | Yes | No | No | Yes | 850 | See the description for 2-Digit SS EOD part 1 (1973-1982). | Extent of Disease - Historic |
| Expanded EOD(1) - CP53 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--1st Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(2) - CP54 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--2nd Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(1,2) - CP53,54 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--1st and 2nd Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(3) - CP55 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--3rd Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(4) - CP56 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--4th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(5) - CP57 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--5th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(6) - CP58 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--6th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(7) - CP59 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--7th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(8) - CP60 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--8th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(9) - CP61 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--9th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(10) - CP62 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--10th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(11) - CP63 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--11th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(12) - CP64 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--12th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| Expanded EOD(13) - CP65 (1973-1982) | Yes | No | No | Yes | 840 | NAACCR Name=EOD--Old 13 Digit--13th Digit, Item #=840. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1977.pdf. | Extent of Disease - Historic |
| EOD 4 - extent (1983-1987) | Yes | No | No | Yes | 860 | NAACCR Name=EOD--Old 4 Digit--3rd Digit, Item #=860. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1984.pdf. | Extent of Disease - Historic |
| EOD 4 - nodes (1983-1987) | Yes | No | No | Yes | 860 | NAACCR Name=EOD--Old 4 Digit--4th Digit, Item #=860. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1984.pdf. | Extent of Disease - Historic |
| EOD 4 - size (1983-1987) | Yes | No | No | Yes | 860 | NAACCR Name=EOD--Old 4 Digit--1st and 2nd Digit, Item #=860. For more information, see https://seer.cancer.gov/manuals/historic/EOD_1984.pdf. | Extent of Disease - Historic |
| COD to site recode | Yes | No | No | Yes | | The underlying cause of death from the death certificate was grouped into a recode similar to the incidence site recode. For more information, see https://seer.cancer.gov/codrecode/1969_d04162012. Study cutoff date has been applied, i.e. coded as alive if death occurred after study cutoff. | Cause of Death (COD) and Follow-up |
| SEER cause-specific death classification | Yes | No | No | Yes | | Created for use in cause-specific survival. This variable designates that the person died of their cancer for cause-specific survival. For more information, see https://seer.cancer.gov/causespecific. | Cause of Death (COD) and Follow-up |
| SEER other cause of death classification | Yes | No | No | Yes | | Created for use in left-truncated life table session. This variable designates that the person died of causes other than their cancer. For more information, see https://seer.cancer.gov/causespecific. | Cause of Death (COD) and Follow-up |
| Survival months | Yes | No | No | Yes | | Created using complete dates, including days, therefore may differ from survival time calculated from year and month only. For more information, see https://seer.cancer.gov/survivaltime/. | Cause of Death (COD) and Follow-up |
| Survival months flag | Yes | No | No | Yes | | Created using complete dates, including days, therefore may differ from survival time calculated from year and month only. For more information, see https://seer.cancer.gov/survivaltime/. | Cause of Death (COD) and Follow-up |
| COD to site rec KM | Yes | No | No | Yes | | This is a recode based on underlying cause of death to designate cause of death into groups similar to the incidence site recode with KS and mesothelioma. For more information, see https://seer.cancer.gov/codrecode/1969_d04162012/. Study cutoff date has been applied, i.e. coded as alive if death occurred after study cutoff. | Cause of Death (COD) and Follow-up |
| Vital status recode (study cutoff used) | Yes | No | No | Yes | | Any patient that dies after the follow-up cut-off date is recoded to alive as of the cut-off date. https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Cause of Death (COD) and Follow-up |
| Sequence number | Yes | Yes | Yes | Yes | 380 | NAACCR Name=Sequence Number--Central, Item #=380 | Multiple Primary Fields |
| First malignant primary indicator | Yes | Yes | Yes | Yes | | Based on all the tumors in SEER. Tumors not reported to SEER are assumed malignant. | Multiple Primary Fields |

| Name | Research | Research Limited-Field | Research Plus Limited-Field | Available in Case Listing | NAACCR Item # | Description | Category name |
|---|---|---|---|---|---|---|---|
| Primary by international rules | Yes | Yes | Yes | Yes | | Created using IARC multiple primary rules. Did not include benign tumors or non-bladder in situ tumors in algorithm. No tumor information was modified on any records. https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Multiple Primary Fields |
| Record number recode | Yes | Yes | Yes | Yes | | Sequentially numbers a person's tumors within each SEER submission. Order is based on date of diagnosis and then sequence #. | Multiple Primary Fields |
| Total number of in situ/malignant tumors for patient | Yes | No | No | Yes | | Based on maximum sequence number of any malignant/in situ tumors in SEER through the last released year of diagnosis. This value is the same across all tumors for a person. | Multiple Primary Fields |
| Total number of benign/borderline tumors for patient | Yes | No | No | Yes | | Based on maximum sequence number of any benign/borderline tumors in SEER through the last released year of diagnosis. This value is the same across all tumors for a person. | Multiple Primary Fields |
| Behavior code ICD-O-2 | Yes | No | No | Yes | | Converted from ICD-O-3 for 2001+ and coded directly for 1973-2000. | Site and Morphology - Historic |
| Histology ICD-O-2 | Yes | No | No | Yes | 420 | NAACCR Item #=420 | Site and Morphology - Historic |
| Age recode with single ages and 85+ | Yes | Yes | Yes | Yes | | Patient's age at diagnosis with all ages over 85 grouped together. In rate and prevalence sessions, this field can be selected as the population age variable (on the data tab), in which case it will be in the Age at Diagnosis category (1) | Race and Age (case data only) (or Age at Diagnosis) |
| Race recode (W, B, AI, API) | Yes | Yes | Yes | Yes | | Caution should be exercised when using this variable. For more information, see https://seer.cancer.gov/seerstat/variables/seer/race_ethnicity/. | Race and Age (case data only) |
| Origin recode NHIA (Hispanic, Non-Hisp) | Yes | Yes | Yes | Yes | | Caution should be exercised when using this variable. For more information, see https://seer.cancer.gov/seerstat/variables/seer/race_ethnicity/. | Race and Age (case data only) |
| Race and origin recode (NHW, NHB, NHAIAN, NHAPI, Hispanic) | Yes | Yes | Yes | Yes | | Caution should be exercised when using this variable. For more information, see https://seer.cancer.gov/seerstat/variables/seer/race_ethnicity/. | Race and Age (case data only) |
| Race/ethnicity | Yes | Yes | Yes | Yes | | Recode which gives priority to non-white races for persons of mixed races. Note that not all codes were in effect for all years. For more information, see https://seer.cancer.gov/seerstat/variables/seer/race_ethnicity/. | Race and Age (case data only) |
| IHS Link | Yes | Yes | Yes | Yes | 192 | Incidence files are periodically linked with Indian Health Service (IHS) files to identify Native Americans. The race recode uses information from this field and race to determine if a person is Native American or not. See https://seer.cancer.gov/seerstat/variables/seer/race_ethnicity/ | Race and Age (case data only) |
| Age recode with single ages and 100+ | No | No | Yes | Yes | | Patient's age at diagnosis with all ages 100 and over grouped together. | Race and Age (case data only) |
| SEER registry (with CA and GA as whole states) | No | No | Yes | Yes # | | # only available in SEER 18 and SEER 21 databases. SEER registries from California and Georgia are combined into state-level groupings representing those two entire states. This is only geographic indicator available for analysis at the individual level. | Race and Age (case data only) |
| Month of diagnosis | No | No | Yes | No | 390 | NAACCR Name=Date of Diagnosis--Month, Item #=390. SEER dates on this file do not have the corresponding date flag field included. Blank means unknown. | Dates |
| Month of diagnosis recode | No | No | Yes | No | | Estimates month of diagnosis, based on other known dates for that patient, when actual month of diagnosis is unknown. | Dates |
| SS seq # - mal+ins (most detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (most detail). Based on all the tumors in SEER. | Site Specific Sequence Numbers |
| SS seq # 1975+ - mal+ins (most detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (most detail). Based on tumors diagnosed 1975+. | Site Specific Sequence Numbers |
| SS seq # 1992+ - mal+ins (most detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (most detail). Based on tumors diagnosed 1992+. | Site Specific Sequence Numbers |
| SS seq # 2000+ - mal+ins (most detail) | Yes | Yes | Yes | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (most detail). Based on tumors diagnosed 2000+. | Site Specific Sequence Numbers |
| Site - mal+ins (most detail) | Yes | Yes | Yes | Yes | | Should be used in conjunction with and only with the variables SS seq # - mal+ins (most detail), SS seq # 1975+ - mal+ins (most detail), SS seq # 1992+ - mal+ins (most detail), or SS seq # 2000+ - mal+ins (most detail). Groupings should not be created. | Site Specific Sequence Numbers |
| SS seq # - mal (most detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (most detail). Based on all the tumors in SEER. | Site Specific Sequence Numbers |
| SS seq # 1975+ - mal (most detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (most detail). Based on tumors diagnosed 1975+. | Site Specific Sequence Numbers |
| SS seq # 1992+ - mal (most detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (most detail). Based on tumors diagnosed 1992+. | Site Specific Sequence Numbers |
| SS seq # 2000+ - mal (most detail) | Yes | Yes | Yes | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (most detail). Based on tumors diagnosed 2000+. | Site Specific Sequence Numbers |
| Site - malignant (most detail) | Yes | Yes | Yes | Yes | | Should be used in conjunction with and only with the variables SS seq # - mal (most detail), SS seq # 1975+ - mal (most detail), SS seq # 1992+ - mal (most detail), or SS seq # 2000+ - mal (most detail). Groupings should not be created. | Site Specific Sequence Numbers |
| SS seq # - mal+ins (mid detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (mid detail). Based on all the tumors in SEER. | Site Specific Sequence Numbers |

| Name | Research | Research Limited-Field | Research Plus Limited-Field | Available in Case Listing | NAACCR Item # | Description | Category name |
|---|---|---|---|---|---|---|---|
| SS seq # 1975+ - mal+ins (mid detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (mid detail).  Based on tumors diagnosed 1975+. | Site Specific Sequence Numbers |
| SS seq # 1992+ - mal+ins (mid detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (mid detail).  Based on tumors diagnosed 1992+. | Site Specific Sequence Numbers |
| SS seq # 2000+ - mal+ins (mid detail) | Yes | Yes | Yes | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (mid detail).  Based on tumors diagnosed 2000+. | Site Specific Sequence Numbers |
| Site - mal+ins (mid detail) | Yes | Yes | Yes | Yes | | Should be used in conjunction with and only with the variables SS seq # - mal+ins (mid detail), SS seq # 1975+ - mal+ins (mid detail), SS seq # 1992+ - mal+ins (mid detail), or SS seq # 2000+ - mal+ins (mid detail).  Groupings should not be created. | Site Specific Sequence Numbers |
| SS seq # - mal (mid detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (mid detail).  Based on all the tumors in SEER. | Site Specific Sequence Numbers |
| SS seq # 1975+ - mal (mid detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (mid detail).  Based on tumors diagnosed 1975+. | Site Specific Sequence Numbers |
| SS seq # 1992+ - mal (mid detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (mid detail).  Based on tumors diagnosed 1992+. | Site Specific Sequence Numbers |
| SS seq # 2000+ - mal (mid detail) | Yes | Yes | Yes | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (mid detail).  Based on tumors diagnosed 2000+. | Site Specific Sequence Numbers |
| Site - malignant (mid detail) | Yes | Yes | Yes | Yes | | Should be used in conjunction with and only with the variables SS seq # - mal (mid detail), SS seq # 1975+ - mal (mid detail), SS seq # 1992+ - mal (mid detail), or SS seq # 2000+ - mal (mid detail).  Groupings should not be created. | Site Specific Sequence Numbers |
| SS seq # - mal+ins (least detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (least detail).  Based on all the tumors in SEER. | Site Specific Sequence Numbers |
| SS seq # 1975+ - mal+ins (least detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (least detail).  Based on tumors diagnosed 1975+. | Site Specific Sequence Numbers |
| SS seq # 1992+ - mal+ins (least detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (least detail).  Based on tumors diagnosed 1992+. | Site Specific Sequence Numbers |
| SS seq # 2000+ - mal+ins (least detail) | Yes | Yes | Yes | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - mal+ins (least detail).  Based on tumors diagnosed 2000+. | Site Specific Sequence Numbers |
| Site - mal+ins (least detail) | Yes | Yes | Yes | Yes | | Should be used in conjunction with and only with the variables SS seq # - mal+ins (least detail), SS seq # 1975+ - mal+ins (least detail), SS seq # 1992+ - mal+ins (least detail), or SS seq # 2000+ - mal+ins (least detail).  Groupings should not be created. | Site Specific Sequence Numbers |
| SS seq # - mal (least detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (least detail).  Based on all the tumors in SEER. | Site Specific Sequence Numbers |
| SS seq # 1975+ - mal (least detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (least detail).  Based on tumors diagnosed 1975+. | Site Specific Sequence Numbers |
| SS seq # 1992+ - mal (least detail) | Yes | No | No | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (least detail).  Based on tumors diagnosed 1992+. | Site Specific Sequence Numbers |
| SS seq # 2000+ - mal (least detail) | Yes | Yes | Yes | Yes | | Site specific sequence number of the tumor associated with the site classification scheme in the variable Site - malignant (least detail).  Based on tumors diagnosed 2000+. | Site Specific Sequence Numbers |
| Site - malignant (least detail) | Yes | Yes | Yes | Yes | | Should be used in conjunction with and only with the variables SS seq # - mal (least detail), SS seq # 1975+ - mal (least detail), SS seq # 1992+ - mal (least detail), or SS seq # 2000+ - mal (least detail).  Groupings should not be created. | Site Specific Sequence Numbers |
| Patient ID | Yes | Yes | Yes | Yes | 20 | This field used in conjunction with SEER registry to uniquely identify a person.  One person can have multiple primaries but has the same Patient ID.  See the sequence number for more information about the primary. This is a dummy number and is not the number used by the registry to identify the patient.  The same number is not used across all submissions for each patient. | Other |
| Type of Reporting Source | Yes | Yes | Yes | Yes | 500 | Contains information on where the information from this case came.  Is used in survival analysis to eliminate cases which are found at autopsy or the only information is from a death certificate.  See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Other |
| Marital status at diagnosis | No | No | No | Yes | 150 | See data description: https://seer.cancer.gov/data-software/documentation/seerstat/nov2019/TextData.FileDescription.pdf | Other |
| County Attributes | Yes | Yes | Yes | Yes | | County attribute data from the U.S. Census are also linked to the SEER*Stat databases. Variables available are dependent on the type of database.  For more information, see https://seer.cancer.gov/seerstat/variables/countyattribs/ | |