SEER RESEARCH LIMITED FIELDS DATA RECORD DESCRIPTION

CASES DIAGNOSED IN 2000-2016*

Submission: *November 2018*

Follow-up Cutoff Date: *December 31, 2016*

Documentation Version: *April 2019*

Diagnosis Years: *2000-2016*

* This documentation describes the data files in the incidence/yr2000_2016.seer21 and yr2005.la_2nd_half directories. Refer to individual variable definitions to determine the differences between the directory files.

NAACCR Name	NAACCR Item #	SAS Variable Name	Applicable Years	Position	Length
Patient ID number	20	PUBCSNUM		1-8	8
Registry ID	40	REG		9-18	10
Race/Ethnicity	160	RACE1V		19-20	2
Sex	220	SEX		21	1
Age at diagnosis	230	AGE_DX		22-24	3
Year of Birth	240	YR_BRTH		25-28	4
Sequence Number—Central	380	SEQ_NUM		29-30	2
Month of diagnosis	390	MDXRECMP		31-32	2
Year of diagnosis	390	YEAR_DX		33-36	4
Primary Site	400	PRIMSITE		37-40	4
Laterality	410	LATERAL		41	1
Histologic Type ICD-O-3	522	HISTO3V		42-45	4
Behavior Code ICD-O-3	523	BEHO3V		46	1
Grade	440	GRADE		47	1
Diagnostic Confirmation	490	DX_CONF		48	1
Type of Reporting Source	500	REPT_SRC		49	1
Record Number Recode	1775	RECNOREC		50-51	2
Age Recode <1 Year olds	N/A	AGE_1REC		52-53	2
Site Recode ICD-O-3/WHO 2008	N/A	SITERWHO		54-58	5
ICCC site recode ICD-O-3/WHO 2008	N/A	ICCC3WHO		59-61	3
ICCC site rec extended ICD-O-3/WHO 2008	N/A	ICCC3XWHO		62-64	3
Behavior Recode for Analysis	N/A	BEHTREND		65	1
Histology Recode—Broad Groupings	N/A	HISTREC		66-67	2
Histology Recode—Brain Groupings	N/A	HISTRECB		68-69	2
Race recode (White, Black, Other)	N/A	RAC_RECA		70	1
Race recode (W, B, AI, API)	N/A	RAC_RECY		71	1
Origin recode NHIA (Hispanic, Non-Hisp)	N/A	ORIGRECB		72	1
First malignant primary indicator	N/A	FIRSTPRM		73	1
State-county recode	N/A	ST_CNTY		74-78	5
IHS Link	192	IHSLINK		79	1
AYA site recode/WHO 2008	N/A	AYASITERWHO		80-81	2
Lymphoma subtype recode/WHO 2008	N/A	LYMSUBRWHO		82-83	2
Primary by international rules	N/A	INTPRIM		84	1
Breast Subtype (2010+)	N/A	BRST_SUB	2010+	85	1
SEER Combined Summary Stage 2000 (2004+)	N/A	SCSSM2KO	2004+	86	1

PATIENT ID NUMBER

NAACCR Item #: 20
SEER*Stat Name: Patient ID
Item Length: 8

Field Description: This field is used in conjunction with SEER registry to uniquely identify a person. One person can have multiple primaries but 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.

REGISTRY ID

NAACCR Item #: 40
SEER*Stat Name: SEER Registry
Item Length: 10

Field Description: A unique code assigned to each participating SEER registry. The number identifies the registry sending the record and what population the data are based on.

Code	Description
0000001501	San Francisco-Oakland SMSA
0000001502	Connecticut
0000001520	Metropolitan Detroit
0000001521	Hawaii
0000001522	Iowa
0000001523	New Mexico
0000001525	Seattle (Puget Sound)
0000001526	Utah
0000001527	Metropolitan Atlanta
0000001529	Alaska
0000001531	San Jose-Monterey
0000001535	Los Angeles
0000001537	Rural Georgia
0000001541	Greater California (excluding SF, Los Angeles & SJ)
0000001542	Kentucky
0000001543	Louisiana*
0000001544	New Jersey
0000001547	Greater Georgia (excluding AT and RG)
0000001561	Idaho
0000001562	New York
0000001563	Massachusetts

*Note: For the year 2005, only January through June diagnoses are included for Louisiana. The July through December incidence cases can be found in the yr2005.la_2nd_half directory.

RACE / ETHNICITY

NAACCR Item #: N/A
SEER*Stat Name: Race/ethnicity
Item Length: 2

Field Description: Recode which gives priority to non-white races for persons of mixed races. Note that not all codes were in effect for all years.

Code	Description
01	White
02	Black
03	American Indian, Aleutian, Alaskan Native or Eskimo (includes all indigenous populations of the Western hemisphere)
04	Chinese
05	Japanese
06	Filipino
07	Hawaiian
08	Korean (Effective with 1/1/1988 dx)
10	Vietnamese (Effective with 1/1/1988 dx)
11	Laotian (Effective with 1/1/1988 dx)
12	Hmong (Effective with 1/1/1988 dx)
13	Kampuchean (including Khmer and Cambodian) (Effective with 1/1/1988 dx)
14	Thai (Effective with 1/1/1994 dx)
15	Asian Indian or Pakistani, NOS (Effective with 1/1/1988 dx)
16	Asian Indian (Effective with 1/1/2010 dx)
17	Pakistani (Effective with 1/1/2010 dx)
20	Micronesian, NOS (Effective with 1/1/1991)
21	Chamorran (Effective with 1/1/1991 dx)
22	Guamanian, NOS (Effective with 1/1/1991 dx)
25	Polynesian, NOS (Effective with 1/1/1991 dx)
26	Tahitian (Effective with 1/1/1991 dx)
27	Samoan (Effective with 1/1/1991 dx)
28	Tongan (Effective with 1/1/1991 dx)
30	Melanesian, NOS (Effective with 1/1/1991 dx)
31	Fiji Islander (Effective with 1/1/1991 dx)
32	New Guinean (Effective with 1/1/1991 dx)
96	Other Asian, including Asian, NOS and Oriental, NOS (Effective with 1/1/1991 dx)
97	Pacific Islander, NOS (Effective with 1/1/1991 dx)
98	Other
99	Unknown

SEER Participants San Francisco, San Jose-Monterey, and Los Angeles are permitted to use codes 14 and 20-97 for cases diagnosed after January 1, 1987. Greater California is permitted to use codes 14 and 20-97 for cases diagnosed after January 1, 1988. Other SEER participants may choose to recode cases diagnosed prior to 1991 using 14 and 20-97 if all cases in the following race codes are reviewed: 96 Other Asian; 97 Pacific Islander, NOS; 98 Other; and 99 unknown.

SEX

NAACCR Item #: 220
SEER*Stat Name: Sex
Item Length: 1

Field Description: This data item identifies the sex of the patient at diagnosis.

Code	Description
1	Male
2	Female

AGE AT DIAGNOSIS

NAACCR Item #: 230
SEER*Stat Name: Age at diagnosis
Item Length: 3

Field Description: This data item represents the age of the patient at diagnosis **for this cancer**. The code is three digits and represents the patient's actual age in years.

Code	Description
000-130	Actual age in years
999	Unknown age

BIRTHDATE—YEAR

NAACCR Item #: 240
SEER*Stat Name: Year of birth
Item Length: 4

Field Description: The SEER dates on this file do not have the corresponding date flag included.

Code	Description
1850-YYYY	Patient's year of birth
Blank	Unknown year of birth

SEQUENCE NUMBER--CENTRAL

NAACCR Item #: 380
SEER*Stat Name: Sequence number
Item Length: 2

Field Description: Sequence Number-Central describes the number and sequence of all reportable malignant, in situ, benign, and borderline primary tumors, which occur over the lifetime of a patient. The sequence number may change over the lifetime of the patient. If an individual previously diagnosed with a single reportable malignant neoplasm is subsequently diagnosed with a second reportable malignant neoplasm, the sequence code for the first neoplasm changes from 00 to 01.

This sequence number counts all tumors that were reportable in the year they were diagnosed even if the tumors occurred before the registry existed, or before the registry participated in the SEER Program. The purpose of sequencing based on the patient's *lifetime* is to truly identify the patients for survival analysis who only had one malignant primary in their lifetimes.

In Situ/Malignant as Federally Required based on Diagnosis Year

Code	Description
00	One primary only in the patient's lifetime
01	First of two or more primaries
02	Second of two or more primaries
..	(Actual number of this primary)
41	Forty-first of forty-one or more primaries
99	Unspecified or unknown sequence number of Federally required in situ or malignant tumors. Sequence number 99 can be used if there is a malignant tumor and its sequence number is unknown. (If there is known to be more than one malignant tumor, then the tumors must be sequenced.)

Non-malignant Tumor as Federally Required based on Diagnosis Year

Code	Description
60	Only one non-malignant tumor or central registry-defined neoplasm
61	First of two or more non-malignant tumors or central registry-defined neoplasms
62	Second of two or more non-malignant tumors or central registry-defined neoplasms
..	..
87	Twenty-seventh of twenty-seven
88	Unspecified or unknown sequence number of non-malignant tumor or central-registry defined neoplasms. (Sequence number 88 can be used if there is a non-malignant tumor and its sequence number is unknown. If there is known to be more than one non-malignant tumor, then the tumors must be sequenced.)

MONTH OF DIAGNOSIS

NAACCR Item #: 390
SEER*Stat Name: Month of diagnosis
Item Length: 2

Field Description: The month of diagnosis is the month the tumor was first diagnosed by a recognized medical practitioner, whether clinically or microscopically confirmed. For analysis purposes, months coded to 99 (unknown) have been replaced with values 01 through 12.

Allowable values
MM = 01 – 12

YEAR OF DIAGNOSIS

NAACCR Item #: 390
SEER*Stat Name: Year of diagnosis
Item Length: 4

Field Description: The year of diagnosis is the year the tumor was first diagnosed by a recognized medical practitioner, whether clinically or microscopically confirmed.

Allowable values
YYYY = 2000 – forward

PRIMARY SITE

NAACCR Item #: 400
SEER*Stat Name: Primary Site
Item Length: 4

Field Description: This data item identifies the site in which the primary tumor originated. See the *International Classification of Diseases for Oncology,* Third Edition (ICD-O-3) for topography codes. The decimal point is eliminated.

LATERALITY

NAACCR Item #: 410
SEER*Stat Name: Laterality
Item Length: 1

Field Description: Laterality describes the side of a paired organ or side of the body on which the reportable tumor originated. Starting with cases diagnosed January 1, 2004 and later, laterality is coded for select invasive, benign, and borderline primary intracranial and CNS tumors.

See http://seer.cancer.gov/manuals/primsite.laterality.pdf for a list of sites for which SEER requires information on laterality.

Code	Description
0	Not a paired site
1	Right: origin of primary
2	Left: origin of primary
3	Only one side involved, right or left origin unspecified
4	Bilateral involvement, lateral origin unknown; stated to be single primary
	• Both ovaries involved simultaneously, single histology
	• Bilateral retinoblastomas
	• Bilateral Wilms's tumors
5	Paired site: midline tumor
9	Paired site, but no information concerning laterality; midline tumor

HISTOLOGIC TYPE ICD-O-3

NAACCR Item #: 522
SEER*Stat Name: Histologic Type ICD-O-3
Item Length: 4

Field Description: The data item Histologic Type describes the microscopic composition of cells and/or tissue for a specific primary. The tumor type or histology is a basis for staging and determination of treatment options. It affects the prognosis and course of the disease. The *International Classification of Diseases for Oncology*, Third Edition (ICD-O-3) is the standard reference for coding the histology for tumors diagnosed in 2001 and later.

All ICD-O-2 histologies for 2000 were converted to ICD-O-3.

BEHAVIOR CODE ICD-O-3

NAACCR Item #: 523
SEER*Stat Name: Behavior code ICD-O-3
Item Length: 1

Field Description: SEER requires registries to collect malignancies with in situ /2 and malignant /3 behavior codes as described in ICD-O-3. SEER requires registries to collect benign /0 and borderline /1 intracranial and CNS tumors for cases diagnosed on or after 1/1/2004. Behavior is the fifth digit of the morphology code after the slash (/). See ICD-O-3 (page 66) for a discussion of the behavior code.

Code	Description
0	Benign (Reportable for intracranial and CNS sites only)
1	Uncertain whether benign or malignant, borderline malignancy, low malignant potential, and uncertain malignant potential (Reportable for intracranial and CNS sites only)
2	Carcinoma in situ; intraepithelial; noninfiltrating; noninvasive
3	Malignant, primary site (invasive)

All ICD-O-2 behaviors for 2000 were converted to ICD-O-3.

GRADE

NAACCR Item #: 440
SEER*Stat Name: Grade
Item Length: 1

Field Description: Grading and differentiation codes of 1-4, 9 are defined in ICD-O-2; 1992.

Code	Description
1	Grade I; grade i; grade 1; well differentiated; differentiated, NOS
2	Grade II; grade ii; grade 2; moderately differentiated; moderately differentiated; intermediate differentiation
3	Grade III; grade iii; grade 3; poorly differentiated; differentiated
4	Grade IV; grade iv; grade 4; undifferentiated; anaplastic
5	T-cell; T-precursor
6	B-cell; Pre-B; B-Precursor
7	Null cell; Non T-non B;
8	N K cell (natural killer cell)
9	cell type not determined, not stated or not applicable

DIAGNOSTIC CONFIRMATION

NAACCR Item #: 490
SEER*Stat Name: Diagnostic Confirmation
Item Length: 1

Field Description: This data item records the best method used to confirm the presence of the cancer being reported. The data item is not limited to the confirmation at the time of diagnosis; it is the best method of confirmation during the entire course of the disease.

Microscopically Confirmed

Code	Description
1	Positive histology
2	Positive cytology
3	Positive histology PLUS - positive immunophenotyping AND/OR positive genetic studies (Used only for hematopoietic and lymphoid neoplasms M-9590/3-9992/3)
4	Positive microscopic confirmation, method not specified

Not Microscopically Confirmed

Code	Description
5	Positive laboratory test/marker study
6	Direct visualization without microscopic confirmation
7	Radiology and other imaging techniques without microscopic confirmation
8	Clinical diagnosis only (other than 5, 6, or 7)

Confirmation Unknown

Code	Description
9	Unknown whether microscopically confirmed; death certificate only

TYPE OF REPORTING SOURCE

NAACCR Item #: 500
SEER*Stat Name: Type of Reporting Source
Item Length: 1

Field Description: The Type of Reporting Source identifies the source documents used to abstract the case. This is not necessarily the original document that identified the case; rather, it is the source that provided the best information.

Code	Description
1	Hospital inpatient; Managed health plans with comprehensive, unified medical records (new code definition effective with diagnosis on or after 1/1/2006)
2	Radiation Treatment Centers or Medical Oncology Centers (hospital-affiliated or independent) (effective with diagnosis on or after 1/1/2006)
3	Laboratory Only (hospital-affiliated or independent)
4	Physician's Office/Private Medical Practitioner (LMD)
5	Nursing/Convalescent Home/Hospice
6	Autopsy Only
7	Death Certificate Only
8	Other hospital outpatient units/surgery centers (effective with diagnosis on or after 1/1/2006)

RECORD NUMBER RECODE

NAACCR Item #: 1775
SEER*Stat Name: Record number recode
Item Length: 2

Field Description: This variable sequentially numbers a person's tumors. The ordered values are based on date of diagnosis and then sequence number. This variable is used as part of the algorithm for calculating the survival time recode variables (NAACCR items 1782-1788) and is used for survival, prevalence, and multiple primary – standardized incidence ratio analyses in SEER*Stat.

Code	Description
01	Record number 01 for patient
02	Record number 02 for patient
..	..
..	..
99	Record number 99 for patient

AGE RECODE <1 YEAR OLDS

NAACCR Item #: N/A
SEER*Stat Name: Age recode with <1 year olds
Item Length: 2

Field Description: 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).

Code	Description
00	Age 00
01	Ages 01-04
02	Ages 05-09
03	Ages 10-14
04	Ages 15-19
05	Ages 20-24
06	Ages 25-29
07	Ages 30-34
08	Ages 35-39
09	Ages 40-44
10	Ages 45-49
11	Ages 50-54
12	Ages 55-59
13	Ages 60-64
14	Ages 65-69
15	Ages 70-74
16	Ages 75-79
17	Ages 80-84
18	Ages 85+
99	Unknown Age

SITE RECODE ICD-O-3/WHO 2008

NAACCR Item #: N/A
SEER*Stat Name: Site Recode ICD-O-3/WHO 2008
Item Length: 5

Field Description: A recode based on Primary Site and ICD-O-3 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
http://seer.cancer.gov/siterecode/icdo3_dwhoheme/index.html

ICCC SITE RECODE ICD-O-3/WHO 2008

NAACCR Item #: N/A
SEER*Stat Name: ICCC site recode ICD-O-3/WHO 2008
Item Length: 3

Field Description: 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 http://seer.cancer.gov/iccc.

ICCC SITE REC EXTENDED ICD-O-3/WHO 2008

NAACCR Item #: N/A
SEER*Stat Name: ICCC site rec extended ICD-O-3/WHO 2008
 Item Length: 3

Field Description: Based on ICD-O-3. For more information on this International Classification of Childhood Cancer (ICCC) site/histology recode, see http://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.

BEHAVIOR RECODE FOR ANALYSIS

NAACCR Item #: N/A
SEER*Stat Name: Behavior recode for analysis
Item Length: 1

*Field Description***:** 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 http://seer.cancer.gov/behavrecode.

Code	Description
0	Benign
1	Borderline malignancy
2	In situ
3	Malignant
4	Only malignant in ICD-O-3
5	No longer reportable in ICD-O-3
6	Only malignant 2010+

HISTOLOGY RECODE—BROAD GROUPINGS

NAACCR Item #: N/A
SEER*Stat Name: Histology recode - broad groupings
Item Length: 2

Field Description: Based on Histologic Type ICD-O-3.

Code	Description
00	8000-8009 : unspecified neoplasms
01	8010-8049 : epithelial neoplasms, NOS
02	8050-8089 : squamous cell neoplams
03	8090-8119 : basal cell neoplams
04	8120-8139 : transitional cell papillomas and carcinomas
05	8140-8389 : adenomas and adenocarcinomas
06	8390-8429 : adnexal and skin appendage neoplams
07	8430-8439 : mucoepidermoid neoplasms
08	8440-8499 : cystic, mucinous and serous neoplams
09	8500-8549 : ductal and lobular neoplams
10	8550-8559 : acinar cell neoplasms
11	8560-8579 : complex epithelial neoplams
12	8580-8589 : thymic epithelial neoplams
13	8590-8679 : specialized gonadal neoplams
14	8680-8719 : paragangliomas and glumus tumors
15	8720-8799 : nevi and melanomas
16	8800-8809 : soft tissue tumors and sarcomas, NOS
17	8810-8839 : fibromatous neoplasms
18	8840-8849 : myxomatous neoplasms
19	8850-8889 : lipomatous neoplasms
20	8890-8929 : myomatous neoplasms
21	8930-8999 : complex mixed and stromal neoplasms
22	9000-9039 : fibroepithelial neoplasms
23	9040-9049 : synovial-like neoplasms
24	9050-9059 : mesothelial neoplasms
25	9060-9099 : germ cell neoplasms
26	9100-9109 : trophoblastic neoplasms
27	9110-9119 : mesonephromas
28	9120-9169 : blood vessel tumors
29	9170-9179 : lymphatic vessel tumors

(Continued on next page)

(Continued from HISTOLOGY RECODE-BROAD GROUPINGS)

Code	Description
30	9180-9249 : osseous and chondromatous neoplasms
31	9250-9259 : giant cell tumors
32	9260-9269 : miscellaneous bone tumors (C40._,C41._)
33	9270-9349 : odontogenic tumors (C41._)
34	9350-9379 : miscellaneous tumors
35	9380-9489 : gliomas
36	9490-9529 : neuroepitheliomatous neoplasms
37	9530-9539: meningiomas
38	9540-9579 : nerve sheath tumors
39	9580-9589 : granular cell tumors & alveolar soft part sarcomas
40	9590-9599 : malignant lymphomas, NOS or diffuse
41	9650-9669 : hodgkin lymphomas
42	9670-9699 : nhl - mature b-cell lymphomas
43	9700-9719 : nhl - mature t and nk-cell lymphomas
44	9720-9729 : nhl - precursor cell lymphoblastic lymphoma
45	9730-9739 : plasma cell tumors
46	9740-9749 : mast cell tumors
47	9750-9759 : neoplasms of histiocytes and accessory lymphoid cells
48	9760-9769 : immunoproliferative diseases
49	9800-9805: leukemias, nos
50	9820-9839 : lymphoid leukemias (C42.1)
51	9840-9939 : myeloid leukemias (C42.1)
52	9940-9949 : other leukemias (C42.1)
53	9950-9969 : chronic myeloproliferative disorders (C42.1)
54	9970-9979 : other hematologic disorders
55	9980-9989 : myelodysplastic syndrome
98	other

HISTOLOGY RECODE—BRAIN GROUPINGS

NAACCR Item #: N/A
SEER*Stat Name: Histology recode - Brain groupings
Item Length: 2

Field Description: Based on Histologic Type ICD-O-3.

Code	Description
01	Diffuse astrocytoma (protoplasma, fibrillary)
02	Anaplastic astrocytoma
03	Glioblastoma
04	Pilocytic astrocytoma
05	Unique astrocytoma variants
06	Oligodendroglioma
07	Anaplastic oligodendroglioma
08	Ependymoma/anaplastic ependymoma
09	Ependymoma variants
10	Mixed glioma
11	Astrocytoma, NOS
12	Glioma , NOS
13	Choroid plexus
14	Neuroepithelial
15	Benign & malignant neuronal/glial, neuronal & mixed
16	Pineal parenchymal
17	Embryonal/primitive/medulloblastoma
18	Nerve sheath, benign and malignant
19	Meningioma, benign and malignant
20	Other mesenchymal, benign and malignant
21	Hemangioma and hemagioblastoma
22	Lymphoma
23	Germ cell tumors, cysts, and heterotopias
24	Chordoma/chondrosarcoma
25	Pituitary
26	Craniopharyngioma
27	Neoplasm, unspecified, benign and malignant
97	Other Brain Histologies
98	Not Brain

RACE RECODE (WHITE, BLACK, OTHER)

NAACCR Item #: N/A
SEER*Stat Name: Race recode (White, Black, Other)
Item Length: 1

Field Description: 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 http://seer.cancer.gov/seerstat/variables/seer/race_ethnicity.

Code	Description
1	White
2	Black
3	Other (American Indian/AK Native, Asian/Pacific Islander)
7	Other unspecified (1991+)
9	Unknown

RACE RECODE (W, B, AI, API)

NAACCR Item #: N/A
SEER*Stat Name: Race recode (W, B, AI, API)
Item Length: 1

Field Description: Caution should be exercised when using this variable. For more information, see http://seer.cancer.gov/seerstat/variables/seer/race_ethnicity.

Code	Description
1	White
2	Black
3	American Indian/Alaska Native
4	Asian or Pacific Islander
7	Other unspecified (1991+)
9	Unknown

ORIGIN RECODE NHIA (HISPANIC, NON-HISP)

NAACCR Item #: N/A
SEER*Stat Name: Origin recode NHIA (Hispanic, Non-Hisp)
Item Length: 1

Field Description: Caution should be exercised when using this variable. For more information, see http://seer.cancer.gov/seerstat/variables/seer/race_ethnicity.

Code	Description
0	Non-Spanish-Hispanic-Latino
1	Spanish-Hispanic-Latino

FIRST MALIGNANT PRIMARY INDICATOR

NAACCR Item #: N/A
SEER*Stat Name: First malignant primary indicator
Item Length: 1

Field Description: Based on all the tumors in SEER. Tumors not reported to SEER are assumed malignant.

Code	Description
0	no
1	yes

STATE-COUNTY RECODE

NAACCR Item #: N/A
SEER*Stat Name: State-county
Item Length: 5

Field Description: This item is a state-county combination where the first two characters represent the state FIPS code. The last three digits represent the FIPS county code.

IHS LINK

NAACCR Item #: 192
SEER*Stat Name: IHS Link
Item Length: 1

Field Description: 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 http://www.seer.cancer.gov/seerstat/variables/seer/race_ethnicity.

Code	Description
0	Record sent for linkage, no IHS match
1	Record sent for linkage, IHS match
Blank	Record not sent for linkage

AYA SITE RECODE/WHO 2008

NAACCR Item #: N/A
SEER*Stat Name: AYA site recode/WHO 2008
Item Length: 2

Field Description: 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 http://www.seer.cancer.gov/ayarecode/index.html.

LYMPHOMA SUBTYPE RECODE/WHO 2008

NAACCR Item #: N/A
SEER*Stat Name: Lymphoma subtype recode/WHO 2008
Item Length: 2

Field Description: 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 http://seer.cancer.gov/lymphomarecode/.

PRIMARY BY INTERNATIONAL RULES

NAACCR Item #: N/A
SEER*Stat Name: Primary by International Rules
Item Length: 1

Field Description: 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.

Code	Description
0	No
1	Yes
9	Excluded from IARC multiple primary algorithm due to behavior

BREAST SUBTYPE (2010+)

NAACCR Item #: N/A
SEER*Stat Name: Breast subtype (2010+)
Item Length: 1

Field Description: Created with combined information from ER Status Recode Breast Cancer (1990+), PR Status Recode Breast Cancer (1990+), and Derived HER2 Recode (2010+).

For information on how this field is created, visit
https://seer.cancer.gov/seerstat/databases/ssf/breast-subtype.html

Code	Description
1	Her2+/HR+
2	Her2+/HR-
3	Her2-/HR+
4	Triple Negative
5	Unknown
9	Not 2010+ Breast

SEER COMBINED SUMMARY STAGE 2000 (2004+)

NAACCR Item #: N/A
SEER*Stat Name: SEER Combined Summary Stage 2000 (2004+)
Item Length: 1

Field Description: Combination of NAACCR Items #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 are set to NA.