

Site Specific Data Items (SSDI)

Developed by Jennifer Ruhl and the
SSDI Taskforce

Presented March 2018 during the SEER Manager's Meeting



What is an SSDI

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the SEER Manager's Meeting

- Site-Specific Data Item
 - Based on primary site
 - AJCC Chapter
 - Summary Stage chapter
- Previously collected as Collaborative Stage Site-Specific Factors
 - Not all SSFs were converted to SSDIs
- Each SSDI applies only to selected schemas
- Additional information about the process of converting SSFs to SSDIs can be found in the SSDI manual



2018 Data Collection

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- ALL SSFs retained for 2004-2017
- SSF requirements based on year of diagnosis NOT date case abstracted
 - Follow your standard setter's SSF requirements for the year when case diagnosed
- Example: 2017 case abstracted in 2018
 - Code the applicable/required SSFs, not the SSDIs



2018 Data Collection

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- SSDIs go into effect for cases diagnosed 1/1/2018+
- SSDIs items cannot be coded for any cases with diagnosis date PRIOR to 1/1/2018
- **REMEMBER:** SSDIs are based on date of diagnosis, NOT date case abstracted



General Changes Made

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- Data items different lengths
- Data items can include decimal points
- Different coding conventions used to document
 - Recording of actual values, percentages, ranges
 - Recording different definitions of unknown
- “Test not done” and “Unknown if test done” combined
 - Code reads *“X not assessed or unknown if assessed”*



Updating the SSFs to SSDIs

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- Harmonize with AJCC 8th edition
 - Donna Gress: liaison between SSDI & AJCC
- Harmonize with updated CAP guidelines
 - Richard Moldwin: liaison between SSDI & CAP
 - Data items developed using CAP guidelines checklist
 - Codes and coding instructions align with CAP checklists (as much as possible)



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- Based primarily on CS Part I, Section II
- Includes:
 - Basic information about data item:
 - Item Length
 - NAACCR Item #
 - NAACCR Alternate Name (when applicable)
 - AJCC 8th edition chapter(s)
 - Description
 - Rationale

Item Length: 4

NAACCR Item #: 3883

NAACCR Alternate Name: Lymph Nodes Size

AJCC 8th Edition Chapter(s):

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- Chapter 6: Cervical Lymph Nodes and Unknown Primary Tumors of the Head and Neck
- Chapter 7: Lip and Oral Cavity
- Chapter 8: Major Salivary Glands
- Chapter 9: Nasopharynx
- Chapter 10: HPV-Mediated (p16+) Oropharyngeal Cancer
- Chapter 11: Oropharynx (p16-) and Hypopharynx
- Chapter 12: Nasal Cavity and Paranasal Sinuses
- Chapter 13: Larynx
- Chapter 14: Mucosal Melanoma of the Head and Neck
- Chapter 15: Cutaneous Squamous Cell Carcinoma of Head and Neck

Description

Lymph Nodes Size records diameter of the involved regional lymph node(s) with the largest diameter of any involved regional lymph node(s). Pathological measurement takes precedence over a clinical measurement for the same node.

Rationale

Lymph Nodes Size is a Registry Data Collection Variable in AJCC for several chapters. It was previously

- Definition
- Coding Guidelines
- Additional information
- **Coding Instructions and Codes**
 - **Part of the registry software**

●●● Schema ID

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- Derived based on primary site, histology and schema discriminator (when applicable)
- Defines the following
 - SSDIs
 - Grade ID
 - AJCC 8th edition chapter
 - EOD schema (for those collecting EOD)
 - Summary Stage chapter

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00520: Cervix	52: Cervix	3872: LN Assessment Method Para-aortic 3873: LN Assessment Method Pelvic 3884: LN Status Femoral-Inguinal, Para-aortic, Pelvic 3874: LN Distant Assessment Method 3875: LN Distant: Mediastinal, Scalene
00530: Corpus Carcinoma and Carcinosarcoma	53: Corpus Carcinoma and Carcinosarcoma	3836: FIGO Stage (Corpus Carcinoma and Carcinosarcoma) 3901: Number of Positive Para-Aortic Nodes 3899: Number of Examined Para-Aortic Nodes 3902: Number of Positive Pelvic Nodes 3900: Number of Examined Pelvic Nodes 3911: Peritoneal Cytology
00541: Corpus Sarcoma 00542: Corpus Adenosarcoma	54: Corpus Sarcoma	3836: FIGO Stage (Corpus Sarcoma) 3836: FIGO Stage (Corpus Adenosarcoma) 3901: Number of Positive Para-Aortic Nodes 3899: Number of Examined Para-Aortic Nodes 3902: Number of Positive Pelvic Nodes 3900: Number of Examined Pelvic Nodes 3911: Peritoneal Cytology
00551: Ovary 00552: Primary Peritoneal Carcinoma 00553: Fallopian Tube	55: Ovary, Fallopian Tube, and Peritoneal Carcinoma	3836: FIGO Stage (Ovary, Fallopian Tube and Primary Peritoneal Carcinomas) 3818: CA-125 Pretreatment Interpretation 3921: Residual Tumor Volume Post Cytoreduction
00558: Adnexa Uterine Other	No AJCC Chapter	No SSDIs defined for this Schema ID

Appendix A

Reference Document

Schema ID 00071: Tongue Anterior

Primary Site(s)/Histology(ies)

Primary Site	Histology
C020-C023, C028-C029	8000-8700, 8982, 9700-9701

AJCC Chapter 7: Lip and Oral Cavity

EOD Schema: Tongue Anterior

Summary Stage 2018 Chapter: Tongue Anterior

Applicable SSDIs

- NAACCR # 3831: Extranodal Extension Head and Neck Clinical
- NAACCR # 3832: Extranodal Extension Head and Neck Pathological
- NAACCR # 3883: LN Size

Grade Table 01:

Code	Grade Description
1	G1: Well differentiated
2	G2: Moderately differentiated
3	G3: Poorly differentiated
9	Grade cannot be assessed (GX); Unknown

AJCC ID 7: Lip and Oral Cavity

Histology	AJCC ID	Description
8000, 8010, 8051-8052, 8070-8072, 8074-8075, 8082-8083, 8140, 8147, 8200, 8290, 8310, 8430, 8480, 8500, 8525, 8550, 8560, 8562, 8982	7	Oral Cavity
8001-8005, 8011-8050, 8053-8060, 8073, 8076-8081, 8084-8131, 8141-8146, 8148-8191, 8201-8281, 8300, 8311-8420, 8440-8474, 8481-8490, 8501-8524, 8530-8543, 8551-8552, 8561, 8570-8700, 9700-9701	XX	Other Oral Cavity

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Appendix B

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A	B	D	E	F	G	H
AJCC 7th	AJCC 7th Edition Chapter Name	SSF#	SSF Name	Status (based on CoC)	2018 NAACCR Data Item#	NAACCR Data Item Name
		25	Schema Discriminator: BileDuctsDistal/BileDuctsPerihilar/CysticDuct	Required	3926	Schema Discriminator 1
21	Perihilar Bile Ducts	10	Tumor Growth Pattern	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		11	Primary Sclerosing Cholangitis (PSC)	Required	3917	Primary Sclerosing Cholangitis
		12	Carbohydrate Antigen 19-9 (CA 19-9) Lab Value	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		13	Carcinoembryonic Antigen (CEA)	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		14	Carcinoembryonic Antigen (CEA) Lab Value	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		25	Schema Discriminator: BileDuctsDistal/BileDuctsPerihilar/CysticDuct	Required	3926	Schema Discriminator 1
22	Distal Bile Duct	12	Carbohydrate Antigen 19-9 (CA 19-9) Lab Value	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		13	Carcinoembryonic Antigen (CEA)	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		14	Carcinoembryonic Antigen (CEA) Lab Value	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		25	Schema Discriminator: BileDuctsDistal/BileDuctsPerihilar/CysticDuct	Required	3926	Schema Discriminator 1
23	Ampulla Vater	1	Carbohydrate Antigen 19-9 (CA 19-9) Lab Value	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		2	Carcinoembryonic Antigen (CEA)	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		3	Carcinoembryonic Antigen (CEA) Lab Value	Discontinued	N/A	N/A (discontinued SSF CSv0204)
24	Pancreas	1	Carbohydrate Antigen 19-9 (CA 19-9) Lab Value	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		2	Serum Chromogranin A (CgA) Lab Value	Discontinued	N/A	N/A (discontinued SSF CSv0204)
		3	Mitotic Count	Discontinued	N/A	N/A (discontinued SSF CSv0204)
25	Lung	1	Separate Tumor Nodules - Ipsilateral Lung	Required	3929	Separate Tumor Nodules
		2	Pleural/Elastic Layer Invasion (PL) by H and E or Elastic Stain	Required	3937	Visceral Pleural Invasion
26	Pleural	1	Pleural Effusion	Required	3913	Pleural Effusion
		2	Histologic Subtype	Required	N/A	Data item not being required for this site in 2018
		3	Pattern of Asbestos Exposure	Discontinued	N/A	N/A (discontinued SSF CSv0204)



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●●● Schema Discriminators

- Schema discriminators introduced in 2010 (CSv2)
 - Used when primary site and/or histology are not enough to get to right schema
- Schema discriminators for 2018
 - Schema discriminator 1
 - Schema discriminator 2
 - Schema discriminator 3 (none for 2018)



Schema Discriminators

Schema Discriminator 1

Item Length: 1

NAACCR Item #: 3926

NAACCR Alternate Name: None

Description

Captures additional information needed to generate AJCC ID and Schema ID for some anatomic sites. Discriminators can be based on sub site, histology or other features which affect prognosis.

Rationale

A schema discriminator is used to assign AJCC ID when site and histology alone are insufficient to identify the applicable AJCC staging method and Schema ID, which links each case to the appropriate SSDIs, Summary Stage and EOD data collection system.

Codes (The information recorded in Schema Discriminator differs for each anatomic site. See the SSDI manual for most current version of the site-specific codes and coding structures.)

The following are Schema Discriminator 1

- [Schema Discriminator 1: BileDuctsDistal/BileDuctsPerihilar/CysticDuct](#)
- [Schema Discriminator 1: EsophagusGEJunction \(EGJ\)/Stomach](#)
- [Schema Discriminator 1 \(Histology Discriminator for 9591/3\)](#)
- [Schema Discriminator 1: Lacrimal Gland/Sac](#)
- [Schema Discriminator 1: Melanoma Ciliary Body/Melanoma Iris](#)
- [Schema Discriminator 1: Nasopharynx/Pharyngeal Tonsil](#)
- [Schema Discriminator 1: Occult Head and Neck Lymph Nodes](#)
- [Schema Discriminator 1: Plasma Cell Myeloma Terminology](#)
- [Schema Discriminator 1: Primary Peritoneum Tumor](#)
- [Schema Discriminator 1: Thyroid Gland/Thyroglossal Duct](#)
- [Schema Discriminator 1: Urethra/Prostatic Urethra](#)

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●●● Schema Discriminators

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Schema Discriminator	AJCC 8 th Chapter(s)	Purpose
Occult Head and Neck Lymph Nodes	6 (New)	Used to distinguish an unknown head and neck tumor that has positive regional nodes
Oropharyngeal p16	10, 11 (New)	Used to distinguish between oropharyngeal p16+ tumors and p16- tumors
Histology Discriminator for 8020/3	16 (New)	Histology code 8020/3 (undifferentiated carcinoma): Squamous vs glandular (adenocarcinoma) (<i>see AJCC 8th edition, page 186</i>) <i>Discriminator not used for any other histology</i>

●●● Schema Discriminators

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Schema Discriminator	AJCC 8 th Chapter(s)	Purpose
Urethra/Prostatic Urethra	63 (New)	Used to distinguish between urethra (male and female) and prostatic urethra, both coded to primary site C680
Thyroid Gland/Thyroglossal Duct	73, 74 (New)	Used to distinguish between thyroid and thyroglossal duct, both coded to primary site C739 <i>Note: Thyroglossal duct tumors are not eligible for AJCC 8th edition stage</i>
Histology discriminator for 9591/3	79, 80, 83 (New)	Used to distinguish between different alternate terms for 9591/3. (Alternate names also included in the Hematopoietic database)



SSDIs Required for Staging for AJCC 8th Edition

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AJCC Chapter	NAACCR Data Item #	NAACCR Data Item Name	EOD Schema(s)
16: Esophagus (Squamous cell only)	3829	Esophagus and EGJ Tumor Epicenter	Esophagus (including GE junction) Squamous
	3827	Estrogen Receptor Summary	
48: Breast	3915	Progesterone Receptor Summary	Breast
	3855	HER2 Overall Summary	
	3904	Oncotype Dx Recurrence Score-Invasive	
56: Gestational Trophoblastic Tumors (Placenta)	3837	Gestational Trophoblastic Prognostic Scoring Index	Placenta
58: Prostate	3920	PSA (Prostatic Specific Antigen) Lab Value	Prostate
59: Testis	3923	S Category Clinical	Testis
	3924	S Category Pathological	
68: Retinoblastoma	3856	Heritable Trait	Retinoblastoma
79: Non-Hodgkin Lymphoma: CLL/SLL	3804	Adenopathy (Rai Classification: CLL/SLL)	Lymphoma (CLL/SLL)
	3811	Anemia (Rai Classification: CLL/SLL)	
	3885	Lymphocytosis (Rai Classification: CLL/SLL)	
	3907	Organomegaly (Rai Classification: CLL/SLL)	
	3933	Thrombocytopenia (Rai Classification: CLL/SLL)	
81: Primary Cutaneous Lymphomas: Mycosis Fungoides	3910	Peripheral Blood Involvement	Mycosis Fungoides
82: Plasma Cell Myeloma and Plasma Cell Disorders	3857	High Risk Cytogenetics	Plasma Cell Myeloma
	3869	LDH Pretreatment Level	
	3930	Serum Albumin Pretreatment Level	
	3931	Serum Beta-2 Microglobulin Pretreatment Level	

Additional SSDIs required for EOD

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- The following are also required in the EOD derivations

Applicable AJCC Chapter	NAACCR Data Item #	NAACCR Data Item Name	EOD Schema(s)
7: Lip and Oral Cavity	3883	LN Size	Lip, Tongue Anterior, Gum, Floor of Mouth, Palate Hard, Buccal Mucosa, Mouth Other
10: HPV-Mediated (p16+) Oropharyngeal Cancer	3883	LN Size	Oropharynx p16+
47: Melanoma Skin	3869	LDH Pretreatment Lab Value	Melanoma Skin
48: Breast	3882	LN Positive Axillary Level I-II	Breast
53: Corpus Uteri-Carcinoma and Carcinosarcoma	3911	Peritoneal Cytology	Corpus Carcinoma and Carcinosarcoma
54: Corpus Sarcoma	3911	Peritoneal Cytology	Corpus Adenosarcoma and Corpus Sarcoma
67: Uveal Melanoma	3887	Measured Basal Diameter	Melanoma Choroid and Ciliary Body; Melanoma Iris
	3888	Measured Thickness	



Lab Values and Percentages

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the SEER Manager's Meeting

- New format adopted
- Decimal points included
- Length of data item dependent on highest value recommended by AJCC 8th edition
- Values for “not applicable” and “unknown” differ based on length of data item
 - Not applicable codes ALWAYS end in ‘8’
 - Unknown codes ALWAYS end in ‘9’

●●● Prostate, SSF #1: Prostatic Specific Antigen (PSA)

Lab Value

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Code	Description
000	OBSOLETE DATA CONVERTED V0200 See code 998 Test not done (test was not ordered and was not performed)
001	0.1 or less nanograms/milliliter (ng/ml) (Exact value to nearest tenth of ng/ml)
002-979	0.2 - 97.9 ng/ml (Exact value to nearest tenth of ng/ml)
980	98.0 ng/ml or greater
981-987	OBSOLETE DATA CONVERTED V0200 See code 980 98.1 - 98.7 ng/ml

●●● PSA (Prostatic Specific Antigen) Lab Value (#3920)

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Code	Description
0.1	0.1 or less nanograms/milliliter (ng/ml) (Exact value to nearest tenth of ng/ml)
0.2-999.9	0.2 – 999.9 ng/ml (Exact value to nearest tenth of ng/ml)
XXX.1	1,000 ng/ml or greater
XXX.7	Test ordered, results not in chart
XXX.9	Not documented in medical record PSA lab value not assessed or unknown if assessed

Examples:

PSA of 5.4

Enter 5.4

PSA 125

Enter 125.0

PSA Unknown

Enter XXX.9

Note 1: Do not have to enter leading zeroes for values less than 100.0

Note 2: Code XXX.9 includes test not done or unknown if test done

●●● Colon, SSF #3: Carcinoembryonic Antigen (CEA)

Lab Value

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Code	Description
000	0.0 nanograms/milliliter (ng/ml) exactly
001	0.1 or less ng/ml Stated as less than 0.1 ng/ml with no exact value
002-979	0.2-97.9 ng/ml (Exact value to nearest tenth in ng/ml)
980	98.0 or greater ng/ml
988	Not applicable: Information not collected for this case (May include cases converted from code 888 used in CSV1 for "Not applicable" or when the item was not collected. If this item is required to derive T, N, M, or any stage, use of code 988 may result in an error.)
997	Test ordered, results not in chart
998	Test not done (test not ordered and not performed)
999	Unknown or no information Not documented in patient record

●●● CEA Pretreatment Lab Value (#3820)

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the SEER Manager's Meeting

Code	Description
0.0	0.0 nanograms/milliliter (ng/ml) exactly
0.1	0.1 or less ng/ml Stated as less than 0.1 ng/ml with no exact value
0.2- 9999.9	0.2-9999.9 ng/ml (Exact value to nearest tenth in ng/ml)
XXXX.1	10,000.0 ng/ml or greater
XXXX.7	Test ordered, results not in chart
XXXX.8	Not applicable: Information not collected for this case (If this information is required by your standard setter, use of code XXXX.8 may result in an edit error.)
XXXX.9	Not documented in medical record CEA (Carcinoembryonic Antigen) Pretreatment Lab Value not assessed or unknown if assessed

Examples:

CEA of 5.4

Enter 5.4

CEA 1254.3

Enter 1254.3

CEA Unknown

Enter XXXX.9

Note 1: Do not have to enter leading zeroes for values less than 1000.0

Note 2: Codes XXXX.8 used for when your standard setter does not require data item

Note 2: Code XXXX.9 includes test not done or unknown if test done

●●● Lacrimal Gland, SSF #6: Adenoid Cystic Carcinoma-Presence of Basaloid Pattern

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Code	Description
000	Basaloid pattern not present in adenoid cystic carcinoma
010	Basaloid pattern present in adenoid cystic carcinoma
020	OBSOLETE DATA CONVERTED V0203 See code 000 Basaloid pattern not present in adenoid cystic carcinoma
888	OBSOLETE DATA CONVERTED V0200 See code 988 Not applicable for this site
987	Not applicable, histology not adenoid cystic carcinoma
988	Not applicable: Information not collected for this case (May include cases converted from code 888 used in CSv1 for "Not applicable" or when the item was not collected. If this item is required to derive T, N, M, or any stage, use of code 988 may result in an error.)
998	No pathologic examination of primary site
999	Unknown or no information Not documented in patient record

●●● Adenoid Cystic Basaloid Pattern (#3803)

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Code	Description
0.0-100.0	0.0 to 100.0 percent basaloid pattern
XXX.5	Basaloid pattern present, percentage not stated
XXX.6	Not applicable, histology not adenoid cystic carcinoma (8200/3)
XXX.8	Not applicable: Information not collected for this case (If this item is required by your standard setter, use of code XXX.8 will result in an edit error.)
XXX.9	Not documented in medical record Adenoid Cystic Basaloid Pattern not assessed or unknown if assessed

●●● Other Data Items

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- Majority 1-2 digits long
- Do not include lab values, percentages or some other type of measurement
- No decimal points
- Very similar to the CS data item-except for length of data item

●●● Colon and Rectum, SSF #8: Perineural Invasion

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Code	Description
000	None; no perineural invasion present
010	Perineural invasion present
988	Not applicable: Information not collected for this case (If this information is required by your standard setter, use of code 988 may result in an edit error.)
998	No histologic examination of primary site
999	Unknown Not documented in patient record

●●● Perineural Invasion (#3909)

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Code	Description
0	Perineural invasion not identified/not present
1	Perineural invasion identified/present
8	Not applicable: Information not collected for this case (If this information is required by your standard setter, use of code 8 may result in an edit error.)
9	Not documented in medical record Pathology report does not mention perineural invasion Cannot be determined by the pathologist Perineural invasion not assessed or unknown if assessed

Note: If there is no mention of perineural invasion, must code 9. In CS, if there was no mention of perineural invasion, none could be coded. This applies to several data items and is noted in the SSDI manual

●●● Corpus Carcinoma, SSF #3: Number of Positive Pelvic Nodes

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Code	Description
000	All pelvic nodes examined negative.
001-089	1 - 89 pelvic nodes positive (Exact number of nodes positive)
090	90 or more pelvic nodes positive
095	Positive aspiration or core biopsy of pelvic lymph node(s)
097	Positive pelvic nodes, number not specified
098	No pelvic nodes examined
888	OBSOLETE DATA CONVERTED V0200 See code 988 Not applicable for this site
988	Not applicable: Information not collected for this case (May include cases converted from code 888 used in CSv1 for "Not applicable" or when the item was not collected. If this item is required to derive T, N, M, or any stage, use of code 988 may result in an error.)
999	Unknown if pelvic nodes are positive Not documented in patient record

●●● Number of Positive Pelvic Nodes (#3902)

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Code	Description
00	All pelvic nodes examined negative
01-99	1 - 99 pelvic nodes positive (Exact number of nodes positive)
X1	100 or more pelvic nodes positive
X2	Positive pelvic nodes identified, number unknown
X6	Positive aspiration or core biopsy of pelvic lymph node(s)
X8	Not applicable: Information not collected for this case (If this item is required by your standard setter, use of code X8 will result in an edit error.)
X9	Not documented in medical record Cannot be determined, indeterminate if positive pelvic nodes present Pelvic lymph nodes not assessed or unknown if assessed



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Grade

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- Standard Grade data item discontinued, retained for cases diagnosed prior to 1/1/2018
- Current SSFs that collect chapter specific grades (e.g., Breast, Prostate, Soft Tissue, Appendix) discontinued, retained for cases 2004-2017



Grade Manual Set Up

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the SEER Manager's Meeting

- Introduction
 - General Instructions
 - General Rules
- Grade Tables
 - Each set of grade tables has clinical, pathological and post-therapy, along with coding instructions
- Registry software will include the relevant grade table and coding instructions



New Grade Data Items

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- Grade Clinical
 - Grade collected during clinical time frame
- Grade Pathological
 - Grade collected after resection without neoadjuvant therapy
- Grade Post-therapy
 - Grade collected after resection following neoadjuvant therapy



Grade

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- Grade coding instructions from 2014 will no longer be used for cases diagnosed 1/1/2018+
 - Still applicable for cases diagnosed 2014-2017
- Grade coding instructions, codes and code descriptions will be site specific



Grade

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the SEER Manager's Meeting

- New grade data items will
 - Incorporate chapter specific grading systems (when applicable)
 - May be 2, 3, or 4 grade system
 - No longer need to convert to 4 grade system
 - Allow for coding of grade at different points of patient care
 - Historical definitions used when specific grading systems not available or not applicable



Grade-Breast

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G	G Definition
1	G1: Low combined histologic grade (favorable), SBR score of 3–5 points
2	G2: Intermediate combined histologic grade (moderately favorable); SBR score of 6–7 points
3	G3: High combined histologic grade (unfavorable); SBR score of 8–9 points
L	Nuclear Grade I (Low) (in situ only)
M	Nuclear Grade II (<u>interMediate</u>) (in situ only)
H	Nuclear Grade III (High) (in situ only)
A	Well differentiated
B	Moderately differentiated
C	Poorly differentiated
D	Undifferentiated, anaplastic
9	Grade cannot be assessed (GX); Unknown Not applicable



Grade

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- New grade table now used for AJCC chapters that have no grading system listed AND for those primary site/histologies combinations not covered in 8th edition

Code	Grade/Cell Type Description
A	Well differentiated
B	Moderately differentiated
C	Poorly differentiated
D	Undifferentiated, anaplastic
9	Grade cannot be assessed; Unknown



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Points to remember

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- Majority of SSDIs were SSFs
- Most changes are to length of data items and decimal points allowed for applicable data items
- Most new data items are needed for AJCC 8th edition stage



SSDI Manual and Grade Manual

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- Questions/comment/suggestions regarding Manual are to be posted in the CAnswer Forum
 - <http://cancerbulletin.facs.org/forums/forum/site-specific-data-items-grade-2018>

Thank You!