Changes for V3, April* 2017 (effective 2016)

Changes in this section occurred up until April 2017.

All updates associated with New and Modified Edits are documented below. Please note that if the edit name is not hyperlinked, the associated page within Volume III has not been updated. Please see the current CCR Metafile for further details if necessary.

MODIFIED DATA ITEMS

Data Item Name	Modification
CS Version Derived	Clarified SOURCE and UPDATE logic and DX Year requirements.
Place of Death-- Country	Revised Source logic to take into account Vital Status to prevent conversions when Vital Status is equal to 1.

NEW EDITS

Allowable Value Edits	Modification
er1147: County at DX Geocode1990	New edit per NAACCR v16.
er1148: County at DX Geocode2000	New edit per NAACCR v16.
er1149: County at DX Geocode2010	New edit per NAACCR v16.
er1150: Mets at DX-Bone	New edit per NAACCR v16.
er1151: Mets at DX-Brain (SEER)	New edit per NAACCR v16.
er1152: Mets at DX-Distant LN (SEER)	New edit per NAACCR v16.
er1153: Mets at	New edit per NAACCR v16.

DX-Liver (SEER)	
er1154: Mets at DX-Lung (SEER)	New edit per NAACCR v16.
er1155: Mets at DX-Other (SEER)	New edit per NAACCR v16.
er1156 TNM Clin M, Date of Diagnosis (COC)	New edit per NAACCR v16. Per NAACCR v16D, added skip if TNM Edition Number not = 07,U7.
er1157 TNM Clin N, Date of Diagnosis (COC)	New edit per NAACCR v16. Per NAACCR v16D, added skip if TNM Edition Number not = 07,U7.
er1158 TNM Clin Stage Group, 2016 (COC)	New edit per NAACCR v16. Per NAACCR v16D: - Added skip if TNM Edition Number not = 07,U7. - In the SEER*Edits software, the title of this edit is IF559.
er1159: TNM Clin T, Date of Diagnosis (COC)	Per NAACCR v16, new edit added. This edit differs from the SEER version of the edit in that it allows p4 (for Testis). Per NAACCR v16B, description and logic updated, p4 removed as valid value. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
er1160 TNM Path M, Date of Diagnosis (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A, c0I+ and 88 added to Description as allowable values for TNM Path M Per NAACCR v16D: - Added skip if TNM Edition Number not = 07,U7 - Edit logic: Corrected MATCH mask for code C0I+ (removed trailing blank)
er1161 TNM Path N, Date of Diagnosis (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A, added p0A, p0B to description, edit

	logic. Codes allowed by COC and SEER for Melanoma of Conjunctiva for pathologic N. Per NAACCR v16D, added skip if TNM Edition Number not = 07,U7.
er1162 TNM Path Stage Group, 2016 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7 • Added SEER IF560 to Administrative Notes
er1163 TNM Path T, Date of Diagnosis (COC)	New edit per NAACCR v16. Per NAACCR v16D, added skip if TNM Edition Number not = 07,U7.
er1164: Tumor Size Clinical (SEER)	New edit per NAACCR v16.
er1165: Tumor Size Pathologic (NPCR)	New edit per NAACCR v16.
er1166: Tumor Size Summary (NPCR)	New edit per NAACCR v16.
er1167: RX Summ--Surgical Margins (NAACCR)	New edit per NAACCR v16D, due to change in SEER edit requirements.
Interfield Edits	**Modification**
IF1145: CS Items – SEER Required – SSF 25 (CCR)	This edit is historically a CCR version since CS Version 0204. CCR version needed to ensure we meet NPCR requirements of SSF 16 coded for Breast schema as appropriate. Edit update with v16 to include current CS Version Input Current requirements by NPCR.
IF1146 CS SSF 9, Surgery, HeadNeck Schemas	New edit per NAACCR v16.
IF1147 Lymph-	New edit per NAACCR v16.

vascular invasion, Date of DX (SEER)	
IF1148: Mets at DX-BBDLLO, HemeRetic	New edit per NAACCR v16. Per NAACCR v16B, modified Description, Edit Logic to identify histology codes 9811-9818, 9837, with primary site C420, C421, and C424 as a separate group (Heme4 for this edit), which can be coded as either hematopoietic or lymphoid malignancy, according to agreement reached between SEER and COC. All valid codes are accepted in the Mets at DX fields for this group. Per NAACCR v16C, edit logic corrected to pass all valid codes for histology codes 9811-9818, 9837, for primary site C420, C421, and C424.
IF1149 Mets at DX-Bone, Date of Diagnosis	New edit per NAACCR v16.
IF1150 Mets at DX-Bone, TNM Clin M, Path M (SEER)	New edit per NAACCR v16.
IF1151 Mets at DX-Brain , Date of Diagnosis (SEER)	New edit per NAACCR v16.
IF1152 Mets at DX-Brain, TNM Clin M, Path M (SEER)	New edit per NAACCR v16.
IF1153 Mets at DX-Distant LN , Date of Diagnosis (SEER)	New edit per NAACCR v16.
IF1154 Mets at DX-Distant LN, TNM Clin M, Path M (SEER)	New edit per NAACCR v16.

IF1155 Mets at DX-Liver , Date of Diagnosis (SEER)	New edit per NAACCR v16.
IF1156 Mets at DX-Liver, TNM Clin M, Path M (SEER)	New edit per NAACCR v16.
IF1157 Mets at DX-Lung , Date of Diagnosis (SEER)	New edit per NAACCR v16.
IF1158 Mets at DX-Lung, TNM Clin M, Path M (SEER)	New edit per NAACCR v16. This edit differs from the COC edit of the same name in including code 2, carcinomatosis, in the description.
IF1159 Mets at DX-Other , Date of Diagnosis (SEER)	New edit per NAACCR v16.
IF1160 Mets at DX-Other, TNM Clin M, Path M (SEER)	New edit per NAACCR v16. This edit differs from the COC edit of the same name in including code 2, carcinomatosis, in the description.
IF1161 Primary Site, M 2016 – Ed 7	New edit per NAACCR v16. Per NAACCR v16A: • Corrected Description and Edit Logic to include 9727 as lymphoma rather than lymphoma/hematopoietic code, to delete 9728-9729 as obsolete codes. • Added Group 57C, C420, C421, C424, 9811-9818, 9837, TNM M 88. Per NAACCR v16B, corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D:

	• Description, logic updated to allow clinical and pathologic TNM M 88 for mesothelioma, 9050-9055, site/histo group 028 • Removed substring variable declarations from logic, not used • Description, logic updated to allow clinical and pathologic TNM M 88 for C32.8 and C32.9, site/histo group 05B
IF1162: Primary Site, N 2016 – Ed 7	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440 • Updated description to indicate 0A and 0B allowable values for TNM Pathologic N for site/histology group 050, Melanoma of Conjunctiva. Table referenced by logic updated to include these codes • Corrected Description and Edit Logic to include 9727 as lymphoma rather than lymphoma/hematopoietic code, to delete 9728-9729 as obsolete codes • Added Group 57C, C420, C421, C424, 9811-9818, 9837, TNM N 88 Per NAACCR v16B, corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D: • Description, logic updated

	to allow clinical and pathologic TNM N 88 for mesothelioma, 9050-9055, site/histo group 028 • Removed substring variable declarations from logic, not used • Description, logic updated to allow clinical and pathologic TNM M 88 for C32.8 and C32.9, site/histo group 05B
IF1163: Primary Site, Stage Group 2016 – Ed 7	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440 • Error message corrected, field out of order for 6060 • Corrected Description and Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes • Added Group 57C, C420, C421, C424, 9811-9818, 9837, Stage groups 4,4A,4B,99,88. Groups 57A and 57C differ from definitions of these groups in pre-2016 edits in only allowing these stage group values for these site/histologies. Pre-2016 edits allowed all lymphoma stage group values for these sites/histologies. Per NAACCR v16B, corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25.

	Per NAACCR v16D: • 99 added to description as valid pathologic stage group for site/histology groups 8E and 8F, anaplastic carcinoma of thyroid, lookup table also updated description, logic updated to allow clinical and pathologic stage group 88 for mesothelioma, 9050-9055, site/histo group 028 • Description, logic updated to allow clinical and pathologic TNM M 88 for C32.8 and C32.9, site/histo group 05B • Error message updated to specify TNM Edition No/Stage groups (previously TNM data items) must be coded 88 if over-ride set for pediatric case
IF1164: Primary Site, T 2016 – Ed 7, ICDO3	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440 • Corrected histology codes in Description for site/histology group 31, Melanoma of Skin, from 8720-87900 to 8720-8790 • Corrected Description and Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes • Added Group 57C, C420, C421, C424, 9811-9818, 9837, TNM T 88

Per NAACCR v16B:
- Description corrected, added value of 3 to group 8D, Thyroid Medullary
- Description updated, p4 removed as valid valued for site/histology group 042, Testis, TNM Clin T
- Table for TNM Clin T referenced by edit corrected, 042 cX and 042 pIS added as allowable values
- Table for TNM Clin T referenced by edit corrected, 05B, c2 added
- Table for TNM Path T referenced by edit corrected, 05B, p2 added
- Table for TNM Clin T referenced by edit corrected, 055 c2D added
- Table for TNM Path T referenced by edit corrected, 055 p2D added
- Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25

Per NAACCR v16D:
- Description, tables referenced by edit updated to allow cTX, cT0,pTX,pT0 for site/histology group 37B, Primary Peritoneal Carcinoma
- Description, logic updated to allow clinical and pathologic TNM T 88 for mesothelioma, 9050-9055, site/histo group 028
- Removed substring variable declarations from logic, not used
- Description, logic updated to allow clinical and

	• pathologic TNM T 88 for C32.8 and C32.9, site/histo group 05B • Description, tables referenced by edit updated to allow 1A,1B,2A,2B for clin and path TNM T for site/histo group 57B, primary cutaneous lymphoma
IF1165: Primary Site, TNM Clin Stage Valid A – Ed 7 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Updated stage mapping in table referenced by logic for Thyroid, Esophagus, EsophagusGEJunction • Updated description, edit logic to indicate that grade for site/histology group 028, Soft Tissue, is collected in the Grade field and not in CS Site-Specific Factor 1 • Removed "else" after special logic for TXN0M0 for site/histology group 025, causing edit to pass inappropriately for other sites • Updated to not edit for site/histology group 028, Soft Tissue Sarcoma, issues with grade assignment, Description notes this group not edited • Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes • Added Group 57C, C420, C421, C424, 9811-9818, 9837 to Edit Logic Per NAACCR v16B: • Removed logic checking for

	Over-ride Site/TNM-StgGrp. This Over-ride allows pediatric cases to be coded with stage group 88. The stage tables do not look for combinations of 88 88 88 88, so any record with such a combination would not be edited with the edit. An edit failure based on incorrect setting of the Over-ride would duplicate the same edit failure in an edit that checks primary site, stage group values for 2016. • Table referenced by edit updated: TIS,NX,M0, stage group changed to ERROR from 0 • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25 Per NAACCR v16D: • Added U7 to required TNM Edition Numbers • Table referenced by edit updated, TXN2M0, Stage 3 for lung updated to TXN2M0, Stage 99 • Table referenced by edit updated, T4NXM0, Stage 3 for lung updated to T4NXM0, Stage 99 • Logic updated to pass T1,T2,T3, or T4 with N0M0 and unknown mitotic rate for site/histo groups 16A, 16B, GIST
IF1166: Primary Site, TNM Clin Stage Valid B – Ed 7 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Added stage mapping to table referenced by logic for T1A, T1B, T2A, T2B to

		site/group 57B, Primary Cutaneous Lymphoma
		• Corrected site group in edit logic, 41E to 41A, defined for Prostate where CS Site-Specific Factor 1 = 988, 997, 998, 999
		• Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes
		• Added Group 57C, C420, C421, C424, 9811-9818, 9837 to Edit Logic
		Per NAACCR v16B:
		• Removed logic checking for Over-ride Site/TNM-StgGrp. This Over-ride allows pediatric cases to be coded with stage group 88. The stage tables do not look for combinations of 88 88 88 88, so any record with such a combination would not be edited with the edit. An edit failure based on incorrect setting of the Over-ride would duplicate the same edit failure in an edit that checks primary site, stage group values for 2016.
		• Table referenced by edit updated: TA,NX,M0, stage group changed to ERROR from 0A; TISD,NX,M0,stage group changed to ERROR from 0IS; TISU,NX,M0, stage group changed to ERROR from 0IS; TIS,NX,M0, stage group changed to ERROR from 0
		• Table referenced by logic updated, stage groups for

	042 limited to cases with category TIS or TX with SX • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25 Per NAACCR v16D: • Added U7 to required TNM Edition Numbers • Staging table referenced by edit updated for site/histology groups 032 (Breast), 51A (Uveal Melanoma), and 57B (Primary Cutaneous Lymphoma), values for NOS stage groups not listed in AJCC 7th Edition changed to 99 (e.g., 032, T4NXM0, Stage group 3, changed to T4NXM0, Stage group 99) • Table referenced by edit updated, 57B, rows for T1A,T1B,T2A,T2B, M0 added
IF1167: Primary Site, TNM Path Stage Valid A – Ed 7 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Updated stage mapping in table referenced by logic for Thyroid, Esophagus, EsophagusGEJunction • Updated description, edit logic to indicate that grade for site/histology group 028, Soft Tissue, is collected in the Grade field and not in CS Site-Specific Factor 1 • Removed "else" after special logic for TXN0M0 for Lung, causing edit to pass inappropriately for other sites • Updated to not edit for

site/histology group 028, Soft Tissue Sarcoma, issues with grade assignment, Description notes this group not edited
- Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes
- Added Group 57C, C420, C421, C424, 9811-9818, 9837 to Edit Logic

Per NAACCR v16B:
- Removed logic checking for Over-ride Site/TNM-StgGrp. This Over-ride allows pediatric cases to be coded with stage group 88. The stage tables do not look for combinations of 88 88 88 88, so any record with such a combination would not be edited with the edit. An edit failure based on incorrect setting of the Over-ride would duplicate the same edit failure in an edit that checks primary site, stage group values for 2016.
- Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25

Per NAACCR v16D:
- Added U7 to required TNM Edition Numbers
- Table referenced by edit updated, TXN2M0, Stage 3 for lung updated to TXN2M0, Stage 99
- Table referenced by edit updated, T4NXM0, Stage 3

	for lung updated to T4NXM0, Stage 99 • Logic updated to pass T1,T2,T3, or T4 with N0M0 and unknown mitotic rate for site/histo groups 16A, 16B, GIST
IF1168: Primary Site, TNM Path Stage Valid B – Ed 7 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Added stage mapping to table referenced by logic for T1A, T1B, T2A, T2B to site/group 57B, Primary Cutaneous Lymphoma • Corrected logic to only edit for site/histology groups 029 through 57B • Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes • Added Group 57C, C420, C421, C424, 9811-9818, 9837 to Edit Logic Per NAACCR v16B: • Removed logic checking for Over-ride Site/TNM-StgGrp. This Over-ride allows pediatric cases to be coded with stage group 88. The stage tables do not look for combinations of 88 88 88 88, so any record with such a combination would not be edited with the edit. An edit failure based on incorrect setting of the Over-ride would duplicate the same edit failure in an edit that checks primary site, stage group values for 2016. • Table referenced by logic updated:

	031,IS,X,0,ERROR changed to IS,X,0,0 031, 1A,X,0,99 changed to 1A,X,0,1A 045,A,X,0 ,0A changed to A,X,0,99 045,IS,X,0,0IS changed to IS,X,0,99 • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25 Per NAACCR v16D: • Description, logic modified to use SSF 8 or SSF 10 in validating stage group, whichever is higher. SSF 8 = 988, 998, 999 not included in comparison of SSF 8 and SSF 10 • Added U7 to required TNM Edition Numbers • Staging table referenced by edit updated for site/histology groups 51A (Uveal Melanoma), and 57B (Primary Cutaneous Lymphoma), values for NOS stage groups not listed in AJCC 7th Edition changed to 99 (e.g., 57B, T4NXM0B2, Stage group 4A, changed to T4NXM0B2, Stage group 99) • Table referenced by edit updated, rows for 57B, T1A,T1B,T2A,T2B, M0 added
IF1169 Regional Nodes Examined, Date of Dx (SEER)	Per NAACCR v16, new edit added.
IF1170 Regional Nodes Positive, Date of Dx	Per NAACCR v16, new edit added.

(SEER)	
IF1171 Summary Stage 2000, TNM M 2016 (NAACCR)	Per NAACCR v16, new edit added. NAACCR v16A • Default error message changed from 1002 to 1005 • Skip for Over-ride deleted from Description • The description and edit logic were modified for NAACCR v16 to not compare SEER Summary Stage codes 2, 3, 4, 5, and 7 with TNM M codes. The pre-2016 versions of the edit, SS2000, TNM M c,p pre-2016 (NAACCR) and Summary Stage 2000, TNM M (NAACCR), do edit combinations of Summary Stage codes 2, 3, 4, 5, and 7 with TNM M codes. These edits include warnings and over-rides to allow correctly coded combinations of Summary Stage and TNM codes, removed from this edit, to pass.
IF1172 Summary Stage 2000, TNM N 2016 (NAACCR)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Edit logic updated to skip for Type of Reporting Source = 7, Behavior Code ICD-O-3 = 0 or 1 • c4, p4 removed from logic checking TNM Path values with Summary Stage 2000 • Skip for Over-ride deleted from Description and Edit Logic • Description and edit logic modified to pass for specific N values coded for site/histology groups where

	cN or pN is assigned for involvement other than regional nodes.
	• Description and edit logic updated to not compare SEER Summary Stage 2000 codes 3 and 4 with TNM N codes. SEER extent of disease assignment may conflict with TNM Path T assignment for example in cases with clinically positive nodes but pathologically negative nodes after neoadjuvant treatment. The pre-2016 versions of the edit, SS2000, TNM N c,p pre2016 (NAACCR) and Summary Stage 2000, TNM N (NAACCR) compare SEER Summary Stage 2000 3 and 4 with TNM codes. These edits do not include the exceptions noted for this edit, and they include over-rides for the checks with SS2000 3 and 4 that have been removed from this edit. Per NAACCR v16B, reference to Over-ride removed from edit description.
IF1173 TNM Clin Descriptor, Date of Diagnosis (SEER)	New edit implemented to meet v16 requirements.
IF1174: TNM Clin Descriptor, Histologies – Ed 7 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A, error message corrected, field out of order. Per NAACCR v16B, description and Edit Logic modified to include histologies 9811-9818, 9827, with primary site C420, C421,

	and C424 as lymphoma, according to agreement reached between SEER and COC. Valid TNM Clin Descriptor codes may be coded (but are not required) for these sites and histologies. Per NAACCR v16D, Administrative note for v16B corrected to read that histology 9837 (previously identified as 9827) was included as lymphoma for primary site C420, C421, C424.
IF1175: TNM Clin Descriptor, Stage, Lymphoma (COC)	Per NAACCR v16, new edit added. Per NAACCR v16B, description and Edit Logic corrected to include 9827 in lists of histology codes checked for this edit.
IF1176: TNM Clin N, Digestive, Assess Nodes SSF (COC)	Per NAACCR v16, new edit added. Per NAACCR v16B, corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16C, description, edit logic modified to not fail when TNM Clin C = cX and CS SSF 1 or 2 = 400 for site/histology groups 10A,10B,11,12,13A,13B, and 14. If number of nodes involved is unknown and number is required to assign TNM Clin N, TNM Clin N = cX is appropriate. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7. • Description modified to delete statement in first paragraph that code 400 accepted with any value except cN0, cNX. • Site/histo group 13B,

	Appendix Carcinoid, separated from site/histo group 13A, Appendix Carcinoma, in description and logic.
IF1178 TNM Clin Stage Group, Date of Diagnosis (COC)	Per NAACCR v16, new edit added. This edit differs from the SEER edit of the same name in that it checks only that TNM Clin Stage Group is coded for cases diagnosed 2010 and later. The SEER edit, TNM Clin Stage Group, Date of Diagnosis (SEER), checks for valid Clin Stage Group codes for 2016 and later. (The edit TNM Clin Stage Group, 2016 (COC) checks for valid Clin Stage Group codes for 2016 and later.)
IF1179: TNM Clin Stage Group, SSF 2 Lymphoma (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A, corrected Description and Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code. Per NAACCR v16B: • Description updated to reference 3 edits where site/histology groups are identified: Primary Site, AJCC Stage Group 2016 - Ed 7 (COC), Primary Site, Stage Group 2016 - Ed 7 (NPCR), and Primary Site, Stage Group 2016 - Ed 7 (SEER). • Description and Edit Logic updated to include checks for stage groups 4, 4A, and 4B against CS-Site-Specific Factor 2 for histologies 9811-9818, 9837 with primary sites C420, C421, and C424, site/histology group 57C. These site/histologies can be

	coded as either hematopoietic or lymphoid malignancy according to agreement reached between SEER and COC. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7 • SEER IF261 in modification for NAACCR v16A changed to SEER IF621
IF1180 TNM Clin Staged By, Date of Diagnosis (SEER)	New edit added to meet v16 requirements.
IF1181 TNM Clin T, Histology, Grade, Thyroid (CoC)	Per NAACCR v16, new edit added.
IF1182 TNM Clin T, SSF 2 Melanoma Conjunctiva (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7 • Modified logic, format of character string, e.g. "cxxb", 2,3
IF1183 TNM Clin T, SSF 3 Soft Tissue (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7 • Modified logic, format of character string, e.g. "cxxb", 2,3
IF1184 TNM Clin T, Surgery, Prostate (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D, modified format of character string, e.g. "cxxb",2,3
IF1185: TNM Clin T, Clin Size, Site Spec – Ed 7 (SEER)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for

| | | site/histology group 57A, 000-419-440 changed to 000-440
• Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes
• Added Group 57C, C420, C421, C424, 9811-9818, 9837,to Edit Logic.

Per NAACCR v16C:
• Fields out of order for error messages, corrected.
• Description updated to reference 3 edits where site/histology groups are identified: Primary Site, AJCC Stage Group 2016 - Ed 7 (COC), Primary Site, Stage Group 2016 - Ed 7 (NPOCR), and Primary Site, Stage Group 2016 - Ed 7 (SEER).
• Description corrected to show size range of 001-050, 990 for group 025, c2A, Lung.
• Edit logic updated to pass 990 for c2A, Lung
• Table referenced by edit updated to include size range of 001-050 for c2A, Lung.
• Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25

Per NAACCR v16D:
• Added skip if TNM Edition Number not = 07,U7
• Logic formatting corrected(edit returns not changed) |

IF1186 TNM Fields, Type of Reporting Source (SEER)	Per NAACCR v16, new edit added.
IF1187: TNM Groups Not Stageable - Insitu (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440. • Changed default error message to 3612, added Primary Site value to list of fields returned by error message. • Corrected logic to edit for site/histology groups 36B and 36C rather than 36A and 36B. • Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes • Added Group 57C, C420, C421, C424, 9811-9818, 9837,to Edit Logic. Per NAACCR v16B: • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25.
IF1188 TNM M, Mets at DX, Melanoma of Skin (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7. IF1889 TNM M, SSF 3 Kidney (CoC) Per NAACCR v16, new edit added. Per NAACCR v16D:

	• Added skip if TNM Edition Number not = 07, U7. • Description corrected, pM1 defined as Distant metastasis, microscopically confirmed.
IF1889 TNM M, SSF 3 Kidney (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07, U7. Description corrected, pM1 defined as Distant metastasis, microscopically confirmed.
IF1190 TNM M, SSF 4 Melanoma of Skin (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1191 TNM M, SSF 4, Uveal Melanoma (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1192: TNM N, Size Nodes, Site Spec – Ed 7 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440. • Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes. • Added Group 57C, C420, C421, C424, 9811-9818, 9837,to Edit Logic. Per NAACCR v16B: • Description updated to reference 3 edits where site/histology groups are

	identified: Primary Site, AJCC Stage Group 2016 - Ed 7 (COC), Primary Site, Stage Group 2016 - Ed 7 (NPOCR), and Primary Site, Stage Group 2016 - Ed 7 (SEER). • In the SEER*Edits software, the title of this edit is: IF617. • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7. • Added to description, edit passes if size of nodes coded "999". • Reformatted logic statements for greater clarity (edit returns not changed). • Corrected logic excluding site/histo group 04A from conversion of nonspecific codes to numeric size values for table lookup.
IF1193: TNM N, SSF 3 Melanoma of Skin (COC)	Per NAACCR v16, new edit added. Per NAACCR v16B: • p2C added as allowable value for TNM Path N if SSF 3 = 005. • Logic corrected, for SSF3 = 100, TNM Clin N must = c2C. Per NAACCR v16C: • Edit description, logic modified to allow pX and p3 as values with CS SSF 3 = 010. If nodes are clinically occult, number of pathologic nodes may be

	unknown or greater than 3. • Edit description, logic modified to not require c1 with CS SSF 3 = 050 (If number of involved nodes is not specified, TNM Clin N may = cX. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7. • Added skip if TNM Path Descriptor = 4,6. • Added skip if TNM Clin N only = blank. TNM Path N = blank skipped for checks on SSF 3 codes 005 and 010.
IF1194 TNM N, SSF 3 Merkel Cell (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7 • Added skip if TNM Path Descriptor = 4,6 • Added skip if TNM Clin N only = blank. TNM Path N = blank skipped for checks on SSF 3 codes 005 and 010
IF1195 TNM N, SSF 3, 5 Corpus Uteri (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1196 TNM N, SSF 4, 6 Fallopian Tube (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1197 TNM N, SSF 5 Testis (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7 • Added skip if TNM Path Descriptor = 4,6

	• Description modified, "stated as" values added to code definitions • Description, Edit logic modified, if SSF 5 = 999, both TNM Clin N must not = c0 and TNM Path N must not = p0 (TNM Clin N and TNM Path N must not both indicate no involvement of lymph nodes)
IF1198 TNM Path Descriptor, RX Dates - Ed 7 (CoC)	Per NAACCR v16, new edit added.
IF1199 TNM Path Descriptor, Date of Diagnosis (SEER)	New edit implemented to meet v16 requirements.
IF1200 TNM Path N, Reg Nodes Ex - Ed 7 (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16A, error message updated to read, if Regional Nodes Examined = 00 or 99, TNM Path N must = pX, c0, or blank.
IF1201 TNM Path N, Reg Nodes Pos - Ed 7 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7 • Modified logic, format of character string, e.g. "pxxb", 2,3
IF1202 TNM Path N, Reg Nodes Pos,Ex, Breast - Ed 7 (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16A, error message corrected, field out of order. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7 • Added skip if TNM Path Descriptor = 4,6 • Corrected MATCH mask for p0I+, p0I-, p0M+, p0M- to accommodate EDITS50 regular expressions

	processor.
IF1203: TNM Path N, RNP, Site Spec – Ed 7, ICDO3 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440. • Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes • Added Group 57C, C420, C421, C424, 9811-9818, 9837,to Edit Logic. Per NAACCR v16B: • Description updated to reference 3 edits where site/histology groups are identified: Primary Site, AJCC Stage Group 2016 - Ed 7 (COC), Primary Site, Stage Group 2016 - Ed 7 (NPOCR), and Primary Site, Stage Group 2016 - Ed 7 (SEER). • In the SEER*Edits software, the title of this edit is: IF614. • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7. • Added skip if TNM Path Descriptor = 4,6. • Site/group 13B, Appendix Carcinoid, deleted from edit. • Description and table

	referenced by edit updated: For site/histology groups 003, 04A, 04D, 05A, 05B, 006, 007, 029:N2C, 02-90 deleted.

IF1204: TNM Path N, SSF 3, 4, 5 Breast (COC)	Per NAACCR v16, new edit added.
	
	Per NAACCR v16A:
	• Description updated to note that two situations not handled by table lookup are included in the edit logic:
	  o The edit passes for TNM Path N = pX, CS SSF 4 = 987, CS SSF 5 = 987.
	  o The edit passes for TNM Path N = c0, CS SSF 4 = 000, CS SSF 5 = 000.
	• Logic updated to pass when path N = c0, SSF4 = 000, SSF 5 = 000.
	
	Per NAACCR v16B:
	• Edit description, logic modified to pass if TNM Path Descriptor = 4 or 6.
	
	Per NAACCR v16C:
	• Description modified to note that third situation not handled by table lookup is included in edit logic:
	• The edit passes for TNM Path N = pX, TNM Clin N = c0, CS SSF 4 = 000, CS SSF 5 = 000.
	• Logic updated to pass when TNM Path N = pX, TNM Clin N = c0, CS SSF4 = 000, CS SSF 5 = 000.
	
	Per NAACCR v16D:
	• Added skip if TNM Edition Number not = 07,U7.
	• Modified description, logic

	to inlude 097 as allowable code with TNM Path N of c0 or pX.

IF1205 TNM Path N, SSF 4 Colon (CoC)	Per NAACCR v16, new edit added.
	
	Per NAACCR v16D:
	   ○ Added skip if TNM Edition Number not = 07,U7
	   ○ Added skip if TNM Path Descriptor = 4,6

IF1206 TNM Path Stage Group, Date of Diagnosis (COC)	Per NAACCR v16, new edit added.
IF1207 TNM Path Stage Group, Prim Site, Surg - Ed 7(CoC)	Per NAACCR v16, new edit added.
IF1208 TNM Path Staged By, Date of Diagnosis (SEER)	New edit implemented to meet v16 requirements.

IF1209: TNM Path T, Depth, Melanoma – Ed 7, ICDO3 (COC)	Per NAACCR v16, new edit added.
	
	Per NAACCR v16A:
	   • Updated description with correct tumor depth values for Melanoma of Skin: T1, T1A, T1B: 001-100. T2, T2A, T2B: 101-200. T3, T3A, T3B: 201-400. T4, T4A, T4B: 401-980.
	   • Corrected mapping for values of tumor depth to path T in table referenced by logic: T1, T1A, T1B: 001-100. T2, T2A, T2B: 101-200. T3, T3A, T3B: 201-400. T4, T4A, T4B: 401-980.
	   • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440.
	   • Edit identified as SEER IF622.

	• Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes. • Added Group 57C, C420, C421, C424, 9811-9818, 9837,to Edit Logic. • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7. • Added skip if TNM Path Descriptor = 4,6. • Corrected tumor depth values for T3 in description, 201-400.
IF1210: TNM Path T, Primary Site, Surgery – Ed 7 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A, logic corrected to use table AC7G2016.DBF in lookup for site/histology groups. Per NAACCR v16B, corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7. • Modified logic, format of character string, e.g. "pxxb", 2,3. • Evaluation of Liver, site/histo group 18, and Intrahepatic Bile Ducts, site/histo group 19, removed from edit. Pathologic staging criteria do not include evaluation of

	surgically resected specimen.
IF1211: TNM Path T, Path Size, Site Spec – Ed 7 (SEER)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440 • Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes • Added Group 57C, C420, C421, C424, 9811-9818, 9837,to Edit Logic. Per NAACCR v16B: • Description updated to reference 3 edits where site/histology groups are identified: Primary Site, AJCC Stage Group 2016 - Ed 7 (COC), Primary Site, Stage Group 2016 - Ed 7 (NPOCR), and Primary Site, Stage Group 2016 - Ed 7 (SEER). • Description corrected to show size range of 001-050, 990 for group 025, p2A, Lung. • Edit logic updated to pass 990 for p2A, Lung • Table referenced by edit updated to include size range of 001-050 for p2A, Lung • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. • Per NAACCR v16D: • Added skip if TNM Edition

	Number not = 07,U7. • Logic formatting corrected(edit returns not changed).
IF1212 TNM Path T, SSF 1 Retinoblastoma (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07,U7.
IF1213 TNM Path T, SSF 1, 2, 3 Kidney (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Logic corrected to include mapping of p3 to CS Site-Specific Factor 2 value of 030 • Logic corrected to include mapping of p3C, p4, pX to CS Site-Specific Factor 2 value of 060 Per NAACCR v16D • Added skip if TNM Edition Number not = 07,U7 • Added skip if TNM Path Descriptor = 4,6
IF1214 TNM Path T, SSF 2, 7 Melanoma Skin (CoC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7 • Added skip if TNM Path Descriptor = 4,6 • Modified logic, format of character string, e.g. "pxxb", 2,3
IF1215: TNM Path T, SSF 3 Prostate (COC)	Per NAACCR v16, new edit added. Per NAACCR v16C, edit description, logic updated to allow TNM Path T to equal 3, 3A, 3B, or 4 when SSF 3 is code 960, 970, or 980. AJCC allows assignment of pT3 and pT4 under certain circumstances without prostatectomy. Per NAACCR v16D, added skip if

	TNM Edition Number not = 07, U7.
IF1216: TNM Stage, Date DX, Type Report Source (NPCR)	Per NAACCR v16, new edit added. Per NAACCR v16A, description updated to remove skip for blank Histologic Type ICD-O-3, add skip if date of diagnosis is blank.
IF1217: TNM T, Breast, Inflam Carcinoma (COC)	Per NAACCR v16, new edit added.
IF1218: TNM T, Clin and Path Stage, Behavior 2 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16B, corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D: - Added skip if TNM Edition Number not = 07,U7. - Modified logic, format of character string, e.g. "pxxb", 2,3. - IF604 in Administrative Notes corrected to IF603. - Description, logic updated to delete occult carcinoma of Lung from list of site/histologies which can be coded with behavior /2 or /3.
IF1219: TNM T, Clin and Path Stage, Behavior 3 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16B, corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1220: TNM T, Deep Sites Soft Tissue (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D:

	• Added skip if TNM Edition Number not = 07,U7 • SEER IF605 in Administrative Notes corrected to IF604
IF1221: TNM T, Descriptor, SSF 1 Thyroid (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1222: TNM T, N, M – No Primary Found (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D, edit logic reworked to correct MATCH masks. Wrote a replacement implementation using AT() function; much more readable and maintainable. See KB notes in logic.
IF1223: TNM Path T, N, M, In Situ (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440. • Description and logic updated to skip edit for Carcinoma of Conjunctiva, Melanoma of Conjunctiva. • Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes. • Added Group 57C, C420, C421, C424, 9811-9818, 9837,to Edit Logic Per NAACCR v16B: • Name changed from TNM T,N,M, In Situ (CoC) to TNM Path T,N,M, In Situ (COC). • Description and Edit Logic

	updated to allow TNM Clin T to be blank and TNM Clin Stage Group to equal 99 when TNM Path T is in situ. This logic assumes that In situ carcinoma was not diagnosed clinically and is an incidental finding at surgery. • Logic statements requiring that TNM Clin N, TNM Clin M, and TNM Clin Stage Group are also coded consistently with TNM Path T = in situ removed from edit; consistency of coding for TNM Clin fields checked in another edit, TNM Clin T,N,M, In Situ (COC). • Description and logic updated to edit Carcinoma of Conjunctiva and Melanoma of Conjunctiva for TNM Path N and TNM Path M and only skip for TNM Path Stage Group. • Error messages updated to be more specific about coding problems • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D: • Description, logic modified to skip if TNM Edition Number not = 07,U7. • Description, edit logic modified to omit comparison between clin TNM and stage group and path TNM and stage group values. • Modified logic, format of character string, e.g. "pxxb", 2,3.

	• Logic corrected to skip for group 009, Mucosal Melanoma of Head and Neck. • Description, logic modified to not include pNX as allowable code for in situ carcinomas. • Corrected MATCH patterns (they were not precise enough for EDITS50.
IF1224: TNM T, Size, Uveal Melanoma (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Corrected values for T3,T3A,T3B,T3C,T3D to 031-150 from 031-120 in table TUMDEPTH.DBF referenced by edit. • Corrected logic to follow pass/fail pattern for clinical and pathologic T as laid out in Description. • Added skip if TNM Edition Number not = 07,U7.
IF1225: TNM T, SSF 1 Conjuctiva (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1226: TNM T, SSF 1, 2 Lung (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1227: TNM T, SSF 10 Bile Ducts Intrahepatic (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1228: TNM T, SSF 12, Tumor Size, Carcinoma of Skin (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7. • Added skip if TNM Path Descriptor = 4,6.

	• SEER IF620 added to Administrative Notes.
IF1229: TNM T, SSF 6 Skin of Eyelid (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1230: TNM T, SSF 6, Breast (COC)	Per NAACCR v16, new edit added. Per NAACCR v16D: • Logic updated to pass if SSF 6 = 988 (changed from 88) • Description, logic updated to skip if TNM Descriptor = 4 or 6. • Description, logic updated to exclude check on TNM Clin T, and to require that if TNM Path T = pIS, SSF 6 must = 010. • Deleted checks on SSF 6 codes 020,030,040,050,060 • Added skip if TNM Edition Number not = 07,U7 • Added skip if TNM Path Descriptor = 4,6
IF1231: TNM T, SSize, Site Spec – Ed 7, ICDO3 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440 • Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes • Added Group 57C, C420, C421, C424, 9811-9818, 9837,to Edit Logic Per NAACCR v16B: • Description updated to

	reference 3 edits where site/histology groups are identified: Primary Site, AJCC Stage Group 2016 - Ed 7 (COC), Primary Site, Stage Group 2016 - Ed 7 (NPOCR), and Primary Site, Stage Group 2016 - Ed 7 (SEER). • Description corrected to show size range of 001-050, 990 for group 025,T2A, Lung. • Logic updated to pass Tumor Size Summary of 990 for T2A, Lung • Tables referenced by edit updated to include size range of 001-050 for T2A, Lung. • Corrected edit logic for assigning site/histology group 011 to group 10B or 999 based on histology and CS Site-Specific Factor 25. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7. • Reformatted logic statements for greater clarity (edit returns not changed).
IF1232: Tumor Size Clinical, Date of Diagnosis (SEER)	Per NAACCR v16, new edit added.
IF1233: Tumor Size Clinical, Primary Site (SEER)	Per NAACCR v16, new edit added.
IF1234: Tumor Size Clinical, TNM Clin T (SEER)	Per NAACCR v16, new edit added.
IF1235: Tumor Size Pathologic, Date of Diagnosis	Per NAACCR v16, new edit added.

(SEER)	
IF1236: Tumor Size Pathologic, Primary Site (SEER)	Per NAACCR v16, new edit added.
IF1237: Tumor Size Pathologic, SSF 6 Breast (SEER)	Per NAACCR v16, new edit added. Per NAACCR v16D, added skip if TNM Edition Number not = 07, U7.
IF1238: Tumor Size Pathologic, TNM Path T (SEER)	Per NAACCR v16, new edit added.
IF1239: Tumor Size Summary, Date of Diagnosis (NPCR)	Per NAACCR v16, new edit added.
IF1240: Tumor Size Summary, Primary Site (COC)	Per NAACCR v16, new edit added.
IF1241: Tumor Size Summary, TNM Clin/Path T (COC)	Per NAACCR v16, new edit added.
IF1242: TNM Groups Beh 3 with Insitu 88 (COC)	Per NAACCR v16, new edit added. Per NAACCR v16A: • Corrected logic for first INLIST of primary sites for site/histology group 57A, 000-419-440 changed to 000-440. • Corrected logic to edit for site/histology groups 36B and 36C rather than 36A and 36B. • Corrected Edit Logic to include 9727 as lymphoma rather than lymphoma/leukemia code, to delete 9728-9729 as obsolete codes. • Added Group 57C, C420, C421, C424, 9811-9818,

	9837, to Edit Logic. Per NAACCR v16B: • Corrected Description and Edit Logic for site/histology groups 053,054, edit does not fail on TNM Clin Stage Group = 88 or TNM Path Stage Group = 88 for 053,054. • Added check for Behavior Code ICD-O-3 for site/histology group 039. • Corrected edit logic for assigning site/histology group 011 to group 10B. or 999 based on histology and CS Site-Specific Factor 25.
IF1244: Class of Case 20-22, No Treatment	New edit implemented to mirror Class of Case 20-22 business rules excluding treatment information. This edit differs from IF1144 in that it excludes all treatment checks. It is implemented as a temporary resolution due to the high volume of cases within Eureka that would have IF1144 fire on them. Edit temporarily removed from metafile due to conflicts with CoC edits.
IF1245: TNM Clin T,N,M,In Situ (COC)	Per NAACCR v16B, new edit added. Per NAACCR v16D: • Added skip if TNM Edition Number not = 07,U7. • Modified logic, format of character string, e.g. "cxxb", 2,3. • In the SEER*Edits software the title of this edit is IF623. • Logic corrected to skip for site/histo group 009, Mucosal Melanoma of Head

	and Neck. • Logic corrected for invalid MATCH pattern If (not MATCH (#S"TNM Clin M", "c0, c0I{!+}")) (does not account for trailing blanks in field). Replaced with INLIST (no match mask).
IF1246: Laterality, Primary Site, Date of Diag (SEER IF24)	New edit implemented per regional request.

MODIFIED EDITS

Allowable Value Edits	Description of Change
er045 Sex	Per NAACCR V16, updated code 3 Other (intersex, disorders of sexual development/DSD). The word hermaphrodite formally classified under this code is an outdated term.
er125 TNM Path T	Per NAACCR v16, edit logic corrected, expressions using 2,4 changed to 2,3 (start from second character and read for 3 characters, for a 4-character data item).
er126 TNM Path N	Per NAACCR v16, edit revised to meet 2016 requirements. Per NAACCR v16D, edit logic tests for empty date of diagnosis.
er129 TNM Path M	Per NAACCR v16, edit logic corrected, expressions using 2,4 changed to 2,3 (start from second character and read for 3 characters, for a 4-character data item). Per NAACCR_v16D, edit logic tests for empty date of

	diagnosis. Corrected MATCH mask for code C0I+ (removed trailing blank) .
er133 TNM Path Stage Group	Per NAACCR v16, updated to skip for diagnosis date > 2015, blank, or invalid.
er142 TNM Clin T	Per NAACCR v16, edit logic corrected, expressions using 2,4 changed to 2,3 (start from second character and read for 3 characters, for a 4-character data item). Per NAACCR v16D, edit logic checks for empty date of diagnosis
er143 TNM Clin N	Per NAACCR v16, edit logic replaced to meet v16 requirements. Per NAACCR v16D, logic corrected to check for empty date of diagnosis
er144 TNM Clin M	Per NAACCR_v16D, edit logic tests for empty date of diagnosis. Corrected MATCH mask for code C0I+ (removed trailing blank).
er145 TNM Clin Stage Group	Per NAACCR v16, updated to skip for diagnosis date > 2015, blank, or invalid. Per NAACCR v16D, reference to SEER*Edits IF559 removed from Administrative Notes.
er157 TNM Path Staged By	Per NAACCR v16: • This edit was updated to allow two-character field, new codes. • The field is required by COC beginning with 2016 cases. Another edit, TNM Path Staged By, Date of Diagnosis

	(COC) verifies that this item is not blank if the year of Date of Diagnosis is greater than 2015.
er202 NAACCR Record Version	Per NAACCR v16, changed allowable code from "150" (version 15) to "160" (version 16).
er1131 Census Ind Code 2010 CDC (NPCR)	Per NAACCR v16, edit name changed from 'Census Ind Code 2010 (NPCR)' to 'Census Ind Code 2010 CDC (NPCR)'.
er1132 Census Occ Code 2010 CDC (NPCR)	Per NAACCR v16, edit name changed from 'Census Occ Code 2010 (NPCR)' to 'Census Occ Code 2010 CDC (NPCR)'.
Interfield Edits	**Modification**
IF992 Class of Case, RX at Hosp	Removed references to Class 00 from this edit. IF606: Class of Case 00, has been updated to mirror all of Class 00.
IF995 CS Items - NPCR Required - SSF 16 (CCR)	This edit is historically a CCR version since CS Version 0204. CCR version needed to ensure we meet NPCR requirements of SSF 16 coded for Breast schema as appropriate. Edit update with v16 to include current CS Version Input Current requirements.
IF1075 Class of Case 43	Added skip condition for Out of State cases: skip if Reporting Facility number is on OOSRPFAC.DBF.
IF1133 TNM Edition Number, Date of Diagnosis	Owner updated to CCR due to v16 changes to SEER edit. SEER currently allows UICC to be collected, which does not meet CA standards.

	Edit revised to include end date of 2017 for TNM Edition Number 07 to meet NAACCR v16D standards.
IF878 CS Items - SEER Required - Non-SSF	Per NAACCR v16, edit revised to check that CS items are not blank when required. For cases diagnosed 2016 and later this edit checks CS Extension. If CS extension is blank, then all non-SSF CS Items must be blank. If CS Extension is not blank, then all non-SSF CS items must not be blank.
IF952 CS Items - SEER Required - SSF 1	Per NAACCR v16: 1. For all schemas, if year of Diagnosis is 2004 or later, CS Site-Specific Factor 1 cannot be blank. 2. For all Schemas, if year of Diagnosis is 2016 or later and CS Extension is NOT empty, CS Site-Specific Factor 1 must not be 988 (not applicable) for the schemas in List 1, "Schemas for which CS Site-Specific Factor 1 is Required for CSv0205 by SEER". 3. For all Schemas, if year of Diagnosis is 2016 or later and CS Extension is empty, CS Site-Specific Factor 1 must be 988 (not applicable) Retinoblastoma, Espophagus, EsophagusGE Junction, NetStomach

	and Stomach. Per NAACCR v16D: • Description, logic for condition 3 updated to apply to diagnosis years 2016-2017
IF961 CS Items - SEER Required - SSF 10	Per NAACCR v16, changes to this edit reflect changes to SEER reporting requirements in 2016. Edit modified to check if CS Extension is empty/not empty for cases diagnosed 2016 or later. Description states that if empty then certain schemas can be 988 (Bile Ducts Intrahepatic). Logic enforces CS Site-Specific Factor 10 must be 988 for Bile Ducts Intrahepatic. Edit also skips if CS Version Input Current/Original is blank and diagnosis year is less than 2016. Per NAACCR v16A: • Edit logic corrected to check for dx_year < 2016 after dx_year is defined. • Edit logic corrected to allow CS Site-Specific Factor 10 to be coded 988 for BileDuctsIntrahep schema. Logic previously required CS Site-Specific Factor to be coded 988. • Administrative Note for v16 updated to detail edit changes. Per NAACCR v16B, logic for condition 4 corrected to

	match description, logic checks for CS Version Input Original > 20000 and < 20550.

Per NAACCR v16D, description and logic for condition 3 updated to apply for diagnosis years 2016-2017. |
| IF962 CS Items - SEER Required - SSF 11 | Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016.

Per NAACCR v16A, edit logic corrected to check for dx_year < 2016 after dx_year is defined.

Per NAACCR v16B, logic for condition 3 corrected to match description, logic checks for CS Version Input Original > 20000 and < 20550. |
| IF963 CS Items - SEER Required - SSF 12 | Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016.

Per NAACCR v16A, edit logic corrected to check for DX Year < 2016 after DX Year is defined.

Per NAACCR v16B, logic for condition 3 corrected to match description, logic checks for CS Version Input Original > 20000 and < 20550. |
| IF964 CS Items - SEER | Per NAACCR v16, edit |

Required - SSF 13	updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for DX Year < 2016 after DX Year is defined. Per NAACCR v16B, logic for condition 3 corrected to match description, logic checks for CS Version Input Original > 20000 and < 20550.
IF965 CS Items - SEER Required - SSF 14	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for dx_year < 2016 after dx_year is defined.
IF507 CS Items - SEER Required - SSF 15	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for dx_year < 2016 after dx_year is defined.
IF967 CS Items - SEER Required - SSF 16	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic

	corrected to check for dx_year < 2016 after dx_year is defined.
IF968 CS Items - SEER Required - SSF 17	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for dx_year < 2016 after dx_year is defined.
IF969 CS Items - SEER Required - SSF 18	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for dx_year < 2016 after dx_year is defined.`
IF508 CS Items - SEER Required - SSF 19	Per NAACCR v16, updated edit to pass if (t_schema_number < 0) or (t_schema_number > t_max_schemas).
IF953 CS Items - SEER Required - SSF 2	Per NAACCR v16, changes to this edit reflect changes to SEER reporting requirments in 2016. Per NAACCR v16B, edit logic corrected for condition 2 Per NAACCR v16D, desccription, logic for condition 3 updated to apply to diagnosis years 2016-2017.
IF509 CS Items - SEER Required - SSF 20	Per NAACCR v16, updated edit to pass if (t_schema_number < 0) or (t_schema_number >

	t_max_schemas).
IF972 CS Items - SEER Required - SSF 21	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for DX Year < 2016 after DX Year is defined. Per NAACCR v16B, logic for condition 3 corrected to match description, logic checks for CS Version Input Original > 20000 and < 20550.
IF973 CS Items - SEER Required - SSF 22	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for dx_year < 2016 after dx_year is defined.
IF974 CS Items - SEER Required - SSF 23	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for dx_year < 2016 after dx_year is defined.
IF510 CS Items - SEER Required - SSF 24	Per NAACCR v16, updated edit to pass if (t_schema_number < 0) or (t_schema_number > t_max_schemas).

IF954 CS Items - SEER Required - SSF 3	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16D, desccription, logic for condition 3 updated to apply to diagnosis years 2016-2017.
IF955 CS Items - SEER Required - SSF 4	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for DX Year < 2016 after DX Year is defined. Per NAACCR v16B, logic for condition 4 corrected to match description logic checks for CS Version Input Original > 20000 and < 20550.
IF956 CS Items - SEER Required - SSF 5	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for DX Year < 2016 after DX Year is defined. Per NAACCR v16B, logic for condition 3 corrected to match description, logic checks for CS Version Input Original > 20000 and <

	20550.
IF957 CS Items - SEER Required - SSF 6	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for DX Year < 2016 after DX Year is defined. Per NAACCR v16B, logic for condition 3 corrected to match description, logic checks for CS Version Input Original > 20000 and < 20550.
IF958 CS Items - SEER Required - SSF 7	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for DX Year < 2016 after DX Year is defined. Per NAACCR v16B, logic for condition 3 corrected to match description, logic checks for CS Version Input Original > 20000 and < 20550.
IF959 CS Items - SEER Required - SSF 8	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for DX Year < 2016 after DX Year is

	defined. Per NAACCR v16B, logic for condition 3 corrected to match description, logic checks for CS Version Input Original > 20000 and < 20550.
IF960 CS Items - SEER Required - SSF 9	Per NAACCR v16, edit updated to skip if CS Version Input Current is blank or CS Version Input Original is blank and year of diagnosis is less than 2016. Per NAACCR v16A, edit logic corrected to check for DX Year < 2016 after DX Year is defined. Per NAACCR v16B, logic for condition 3 corrected to match description, logic checks for CS Version Input Original > 20000 and < 20550.
IF385 CS Items, Type Reporting Source-DCO	Per NAACCR v16, a SEER version of this edit was created with a skip condition for cases diagnosed in 2016 with CS Extension blank. Only change to this edit was SEER IF354 was removed from admin notes.
IF993 CS Schema, Grade Path System, Grade (CS)	Per NAACCR v16, skip condition added: If year of Date of Diagnosis is greater than 2015 and CS Extension is blank.
IF1106 CS SSF 1, Behavior, Lung Schema	Per NAACCR v16, edit is skipped if CS Version is less than 020500 and not empty.
IF1107 CS SSF 1, Brain, CNSOther, IntracranialGland	Per NAACCR v16, edit is skipped if CS Version is less than 020500 and not empty.
IF1113 CS SSF 11,	Per NAACCR v16, edit

GISTAppendix, Colon, Rectum	changed to skip if CS Version Input Original is less than 020500 and not empty.
IF994 CS SSF 25, PeritoneumFemaleGen (CS)	Per NAACCR v16, edit skipped if dx date 2016 or later. Per NAACCR v16D, reference to SEER*Edits IF396 removed from Administrative Notes.
IF494 CS SSF 3, RX Summ--Surg, Prostate Schema	Per NAACCR v16, removed reference to IF133 from administrative notes.
IF1116: CS SSF 4, 5, 6, MelanomaSkin	Per NAACCR v16, edit changed to skip if CS Version Input Original is less than 020500 and not empty.
IF1117 CS SSF 5, GISTPeritoneum	Per NAACCR v16, edit skips if CS Version Input Original is less than 020500 and not empty.
IF1118 CS SSF 6, GISTEsoph, SmallIntest, Stomach	Per NAACCR v16, edit skips if CS Version Input Original is less than 020500 and not empty.
IF884 CS SSF 6, RX Summ--Surg, ColoRectal	Per NAACCR v16, added logic: if CS version input original is less than 020500 and not blank then RX Summ-Surg Prim Site = to 00 then CS SSF 6 must equal 998; If CS Version Inputr Original is 020500 or higher OR date of diagnosis is greater than 2015 if RX Summ - Surg Primar Site = 00-29 then CS SSF 6 must equal 998 or 999.
IF1119 CS SSF 7, MelanomaSkin	Per NAACCR v16, edit changed to skip if CS Version Input Original is less than 020500 and not empty. Per NAACCR v16A, administrative Note for v16 changed to indicate edit

	skipped if CS Version Input Original is less than 020500 from less than 020550.
IF444 CS SSF 9, Head and Neck Schemas	Per NAACCR v16, removed condition that looked at CS TS/Ext Eval from this edit and created a seperate edit Titled CS SSF 9, Surgery, HeadNeck Schemas.
IF1136 Primary Site, AJCC M - Ed 7, ICDO3	Per NAACCR v16: • Skipped if date of diagnosis is greater than 2015 • Skipped if Type of Reporting Source = 7 (Death Certificate Only • Added code 88 to the list of allowable values for TNM Clin M and TNM Path M for following AJCC groups: 7. Major Salivary Glands 8A. Thyroid: Papillary/follicular, age less than 045 8B. Thyroid: Papillary/follicular, age greater than or equal 045 but not 999 8C. Thyroid: Papillary/follicular, age equal 999 (unknown) 8D. Thyroid: Medullary 9. Mucosal Melanoma of the Head and Neck 13B. Appendix: Carcinoid 16A. GIST: Gastric 16B. GIST: Small Intestine 17B. NET: Small Intestine and Ampulla of Vater 17C. NET: Colon and Rectum 18A. Liver 26. Pleura 36B. Corpus Sarcoma

	36C. Corpus Adenosarcoma 37A. Ovary 41. Prostate 43. Kidney 47A. Adrenal Cortex 47B. Adrenal Cortical Carcinoma 53. Carcinoma of the Lacrimal Gland 54. Sarcoma of the Orbit Per NAACCR v16A: - Corrected histology codes in Description for site/histology group 31, Melanoma of Skin, from 8270-8290 to 8720-8790 - Updated table referenced by logic, AJC7MP.DBF, to include M0 for all sites with AJCC staging, M0I+ for Breast, to allow for pre-2016 cases coded using v16 software
IF1135 Primary Site, AJCC N - Ed 7, ICDO3	Per NAACCR v16, added code 88 to the list of allowable values for TNM Clin N and TNM Path N for following AJCC groups: 7. Major Salivary Glands 8A. Thyroid: Papillary/follicular, age less than 045 8B. Thyroid: Papillary/follicular, age greater than or equal 045 but not 999 8C. Thyroid: Papillary/follicular, age equal 999 (unknown) 8D. Thyroid: Medullary 9. Mucosal Melanoma of the Head and Neck 13B. Appendix: Carcinoid 16A. GIST: Gastric

	16B. GIST: Small Intestine 17B. NET: Small Intestine and Ampulla of Vater 17C. NET: Colon and Rectum 18A. Liver 26. Pleura 36B. Corpus Sarcoma 36C. Corpus Adenosarcoma 37A. Ovary 39. Gestational Trophoblastic Tumors 41. Prostate 43. Kidney 47A. Adrenal Cortex 47B. Adrenal Cortical Carcinoma 53. Carcinoma of the Lacrimal Gland 54. Sarcoma of the Orbit This edit differs from NPCR in version in that it does not allow N0 for site group 39. Per NAACCR v16A, updated table referenced by logic, AJC7NPS.DBF, to include 0A and 0B for site/histology group 050, to allow for pre-2016 cases coded using v16 software
IF1137 Primary Site, AJCC Stage Group - Ed 7, ICDO3	Per NAACCR v16: - Skipped if date of diagnosis is greater than 2015 - Skipped if Type of Reporting Source = 7 (Death Certificate Only - Added code 88 to the list of allowable values for TNM Clin Stage Group and TNM Path Stage Group for following AJCC groups: 7. Major Salivary Glands

	8A. Thyroid: Papillary/follicular, age less than 045 8B. Thyroid: Papillary/follicular, age greater than or equal 045 but not 999 8C. Thyroid: Papillary/follicular, age equal 999 (unknown) 8D. Thyroid: Medullary 9. Mucosal Melanoma of the Head and Neck 13B. Appendix: Carcinoid 16A. GIST: Gastric 16B. GIST: Small Intestine 17B. NET: Small Intestine and Ampulla of Vater 17C. NET: Colon and Rectum 18A. Liver 26. Pleura 36B. Corpus Sarcoma 36C. Corpus Adenosarcoma 37A. Ovary 41. Prostate 43. Kidney 47A. Adrenal Cortex 47B. Adrenal Cortical Carcinoma 53. Carcinoma of the Lacrimal Gland 54. Sarcoma of the Orbit Per NAACCR v16D, corrected INLIST match pattern from "CDDD" to "Cddd" (at line 172)
IF1134 Primary Site, AJCC T-Ed 7, ICDO3	Per NAACCR v16: • Skipped if date of diagnosis is greater than 2015 • Skipped if Type of Reporting Source = 7 (Death Certificate Only • Added code 88 to the list of allowable

	values for TNM Clin Stage Group and TNM Path Stage Group for following AJCC groups: 7. Major Salivary Glands 8A. Thyroid: Papillary/follicular, age less than 045 8B. Thyroid: Papillary/follicular, age greater than or equal 045 but not 999 8C. Thyroid: Papillary/follicular, age equal 999 (unknown) 8D. Thyroid: Medullary 9. Mucosal Melanoma of the Head and Neck 13B. Appendix: Carcinoid 16A. GIST: Gastric 16B. GIST: Small Intestine 17B. NET: Small Intestine and Ampulla of Vater 17C. NET: Colon and Rectum 18A. Liver 26. Pleura 36B. Corpus Sarcoma 36C. Corpus Adenosarcoma 37A. Ovary 41. Prostate 43. Kidney 47A. Adrenal Cortex 47B. Adrenal Cortical Carcinoma 53. Carcinoma of the Lacrimal Gland 54. Sarcoma of the Orbit Per NAACCR v16D, corrected INLIST match pattern from "CDDD" to "Cddd" (at line 172)
IF777 Primary Site, Laterality, CS Extension, Over-ride Site Lat EOD	Per NAACCR v16, modified to skip if year of diagnosis = 2016 and CS Extension is blank.

	Per NAACCR v16A, logic changed to match description, edit skipped if year of diagnosis is 2016, original logic included skip if year of diagnosis > 2015. Per NAACCR v16D, description, logic modified to skip if diagnosis year = 2016-2017
IF619 Sex, Primary Site	Per NAACCR v16, edit does not allow code 5 (Transsexual; natal male) for female genital organs or code 6(Transsexual; natal female) for male genital organs. Per NAACCR v16B, description and edit logic changes made for V16 removed. Edit DOES allow code 5 (Transsexual; natal male) for female genital organs and code 6 (Transsexual; natal female) for male genital organs.
IF1129 TNM Edition Number, TNM Fields	Per NAACCR v16, changed to run on 2015 cases only.

RETIRED EDITS

Interfield Edits	Description of Change
IF887 CS Validate Schema	Edit retired due to the fact that it causes edit errors on 2016 cases where we are no longer running the CS Algorithm. Edit is not included in SEER or NPCR submissions.

SOURCE LOGIC

Update Logic	Description of Change
Secondary Diagnosis Fields Source Logic	New Source Logic implemented.

UPDATE LOGIC

Update Logic	Description of Change
Patient Active Follow-up Fields Update Logic	New Multi-Document Update Logic implemented.
Tumor Active Follow-up Fields Update Logic	New Multi-Document Update Logic implemented.
Secondary Diagnosis Fields Update Logic	New Multi-Document Update Logic implemented.

APPENDICES

Appendix	Description of Change
Appendix 33 Geocoding Input Record Layout	Appendix #33 updated to take into account the three new County at DX Geocode fields.