APPENDIX N:
CASEFINDING LISTS

2012 Comprehensive ICD-9-CM Casefinding Code List for Reportable Tumors (with equivalent ICD-10-CM codes)

ICD-9-CM Code*	ICD-10-CM Code**	Explanation of ICD-9-CM Code
140._ - 172._, 174._ - 209.36, 209.7_	C00._ - C96 ._	Malignant neoplasms, stated or presumed to be primary (of specified sites), and certain specified histologies
173.00, 173.09	C44.00, C44.09	Unspecified and other specified malignant neoplasm of skin of lip
173.10, 173.19	C44.101, C44.191	Unspecified and other specified malignant neoplasm of eyelid, including canthus
173.20, 173.29	C44.201, C44.291	Unspecified and other specified malignant neoplasm of ear and external auricular canal
173.30, 173.39	C44.30, C44.39	Unspecified and other specified malignant neoplasm of skin of other and unspecified parts of face
173.40, 173.49	C44.40, C44.49	Unspecified and other specified malignant neoplasm of scalp and skin of neck
173.50, 173.59	C44.50_, C44.59_	Unspecified and other specified malignant neoplasm of skin of trunk, except scrotum
173.60, 173.69	C44.601, C44.691	Unspecified and other specified malignant neoplasm of skin of upper limb, including shoulder
173.70, 173.79	C44.701, C44.791	Unspecified and other specified malignant neoplasm of skin of lower limb, including hip
173.80, 173.89	C44.80, C44.89	Unspecified and other specified malignant neoplasm of other specified sites of skin
173.90, 173.99	C44.90, C44.99	Unspecified and other specified malignant neoplasm of skin, site unspecified
225.0 - 225.9	D32._ - D33._	Benign neoplasm of brain and spinal cord neoplasm
227.3, 227.4	D35.2, D35.3	Benign neoplasm of pituitary gland, craniopharyngeal duct (pouch) and pineal gland
228.02	D18.02	Hemangioma; of intracranial structures
228.1	D18.1	Lymphangioma, any site *Note: Includes only lymphangioma of the brain, other parts of nervous system and endocrine gland*
230.0 - 234.9	D00._ - D09._	Carcinoma in situ
237.0 - 237.1	D44.3 - D44.5	Neoplasm of uncertain behavior of endocrine glands and nervous system: pituitary gland, craniopharyngeal duct and pineal gland
237.5, 237.6, 237.9	D42._, D43.0, D43.2 - D43.4, D43.7 - D43.9	Neoplasm of uncertain behavior of endocrine glands and nervous system: brain and spinal cord, meninges, endocrine glands and other and unspecified parts of nervous system
238.4	D45	Polycythemia vera
238.6	D47.Z9	Plasma cells

ICD-9-CM Code*	ICD-10-CM Code**	Explanation of ICD-9-CM Code
238.7_	D46._, D47._	Other lymphatic and hematopoietic diseases
239.6, 239.7	D49.6	Neoplasms of unspecified nature, brain, endocrine glands and other parts of nervous system
273.3	C88.0	Macroglobulinemia (Waldenstrom's macroglobulinemia)
277.89	C96.5, C96.6	Other specified disorders of metabolism *Reportable includes terms: Hand-Schuller-Christian disease; histiocytosis (acute)(chronic); histiocytosis X (chronic)*
288.4	D76.1 - D76.3	Hemophagocytic syndrome (histiocytic syndromes
289.6	D45	Familial polycythemia (synonym for polycythemia vera)

2012 Supplementary List #1 ICD-9-CM codes that should be Followed by or associated with a neoplasm code (with Equivalent ICD-10-CM Codes). The following codes are not reportable per se, but they should alert registrars to look for the first malignant neoplasm associated with these codes.

ICD-9-CM Code*	ICD-10-CM Code**	Explanation OF ICD-9-CM Code
258.0_	E31.22, E31.23	Polyglandular activity in multiple endocrine neoplasia [MEN] *Note: Use additional codes to identify any malignancies and other conditions associated with the syndromes*
284.2	D61.82	Myelophthisis *Note: Code first the underlying disorder, such as: malignant neoplasm of breast (174.0-174.9, 175.0-175.9)*
285.22	D63.0	Anemia in neoplastic disease *Note: Assign also a code for the neoplasm causing the anemia*
289.83	D75.81	Myelofibrosis (9961/3) *Note: Code first the underlying disorder, such as: malignant neoplasm of breast (174.0-174.9, 175.0-175.9)*
331.7	G94	Cerebral degeneration in diseases classified elsewhere *Note: code first underlying disease, such as neoplastic disease (140.-239.9)*
336.3	G99.2	Myelopathy in other diseases classified elsewhere *Note: Code first underlying disease as: myelopathy in neoplastic disease (140.0-239.9)*
357.3	G13.0, G13.1	Polyneuropathy in malignant disease *Note: Code first underlying disease (140.0-208.9)*
358.1	G73.3	Myasthenic syndromes in other diseases classified elsewhere *Note: code first underlying disease, such as neoplasm (C00-D49)*
358.31	G73.1	Eaton-Lambert syndrome in neoplastic disease *(Effective 10/1/2011)*
511.81	J91.0	Malignant pleural effusion *Note: Code first malignant neoplasm, if known*
512.82	J93.12	Secondary spontaneous pneumothorax *Note: Code first underlying condition such as: cancer metastatic to lung (197.0) or primary lung cancer (162.3-162.9)*
731.1_	M90.6_	Osteitis deformans in diseases classified elsewhere *Note: Code first underlying malignant neoplasm of bone (170.0-170.9)*

ICD-9-CM Code*	ICD-10-CM Code**	Explanation OF ICD-9-CM Code
731.3	M89.70_	Major osseous defect *Note: Code first underlying malignancy, if known, such as: Malignant neoplasm of bone (170.0-170.9)*
789.51	R18.0	Malignant ascites *Note: Code first malignancy*
V07.5_	Z79.81_	Prophylactic use of agents affecting estrogen receptors and estrogen levels *Note: code first, if applicable: malignant neoplasm of breast (174.0-174.9, 175.0-175.9)*
V58.42	Z48.3	Aftercare following surgery for neoplasm *Note: Conditions classifiable to 140-239*

2012 Supplementary List #2 ICD-9-CM Code List to Screen for Cancer Registry Cases Not Identified by Other Codes (with Equivalent ICD-10-CM Codes).

NOTE: Cases with the following codes should be screened as registry time allows. These are neoplasm-related secondary conditions for which there should also be a primary diagnosis of a reportable neoplasm. Experience in the SEER registries has shown that using the supplementary list increases casefinding for benign brain and CNS, hematopoietic neoplasms, and other reportable diseases.

ICD-9-CM Code*	ICD-10-CM Code**	Explanation of ICD-9-CM Code
042	B20	Acquired Immunodeficiency Syndrome (AIDS) *Note: Medical coders are instructed to add codes for AIDS-associated malignancies. Screen 042 for history of cancers that might not be coded*
079.4, 79.5_	B97.7	Human papillomavirus; Retrovirus (HTLV, types I, II and 2)
173.01, 173.02	C44.01, C44.02	Basal and squamous cell carcinoma of skin of lip
173.11, 173.12	C44.111, C44.121	Basal and squamous cell carcinoma of eyelid, including canthus
173.21, 173.22	C44.211, C44.221	Basal and squamous cell carcinoma of ear and external auricular canal
173.31, 173.32	C44.31_, C44.32_	Basal and squamous cell carcinoma of skin of other and unspecified parts of face
173.41, 173.42	C44.41, C44.42	Basal and squamous cell carcinoma of scalp and skin of neck
173.51, 173.52	C44.51_, C44.52_	Basal and squamous cell carcinoma of skin of trunk, except scrotum
173.61, 173.62	C44.611, C44.621	Basal and squamous cell carcinoma of skin of upper limb, including shoulder
173.71, 173.72	C44.711, C44.721	Basal and squamous cell carcinoma of skin of lower limb, including hip
173.81, 173.82	C44.81, C44.82	Basal and squamous cell carcinoma of other specified sites of skin
173.91, 173.92	C44.91, C44.92	Basal and squamous cell carcinoma of skin, site unspecified

ICD-9-CM Code*	ICD-10-CM Code**	Explanation of ICD-9-CM Code
209.40 - 209.69	D3A._	Benign carcinoid tumors
210.0 - 229.9	D10._ - D31._, D34, D35.0 , D35.1 , D35.5 - D35.9, D36._	Benign neoplasms (except for 225.0-225.9, 227.3, 227.4, 228.02, 228.1, which are listed in the Reportable list) *Note: Screen for incorrectly coded malignancies or reportable by agreement tumors*
235.0 - 236.99	D37 ._ - D41._	Neoplasms of uncertain behavior *Note: Screen for incorrectly coded malignancies or reportable by agreement tumors*
237.2 - 237.4	D44.1, D44.2, D44.6 - D44.9	Neoplasm of uncertain behavior of adrenal gland, paraganglia and other and unspecified endocrine glands *Note: screen for incorrectly coded malignancies or reportable by agreement tumors*
237.7_	Q85._	Neurofibromatosis and Schwannomastosis
238.0 - 239.9	D48._, D49._	Neoplasms of uncertain behavior (except for 238.4, 238. 6, 238. 7_, 239.6, 239.7, which are listed in the reportable list) *Note: Screen for incorrectly coded malignancies or reportable by agreement tumors*
249.20	E08._	Secondary diabetes mellitus with hyperosmolarity *Note: Includes diabetes in neoplastic disease*
273.0	D89.0	Polyclonal hypergammaglobulinemia *Note: screen for blood disorders due to neoplasm*
273.1	D47.2	Monoclonal gammopathy of undetermined significance (9765/1) *Note: Screen for incorrectly coded Waldenstrom macroglobulinemia or progression*
273.2	D89.1	Other paraproteinemias
273.8, 273.9	E88.09	Other and unspecified disorders of plasma protein metabolism *Note: includes plasma disorders due to neoplastic disease*
277.88	E88.3	Tumor lysis syndrome (following neoplastic chemotherapy)
279.02, 279.03, 279.05, 279.12	D80.3, D80.4, D80.5	Select IgM immunodeficiency and other immunoglobulin deficiencies *Note: Associated with lymphoproliferative disorders*
279.2, 279.3	D81.0 - D81.2, D81.6, D81.7, D81.89, D81.9, D84.9	Combined and unspecified immunity deficiency *Note: Associated with lymphoproliferative disorders*
279.41, 279.49	D89.82, D89.89	Autoimmune lymphoproliferative syndrome *Note: Associated with lymphoproliferative disorders*
279.50 - 279.53	D89.81_	Graft-versus-host disease
279.8, 279.9	D84.1, D89.82, D89.9	Other and unspecified disorders involving the immune mechanism *Note: Associated with lymphoproliferative disorders*
284.1_	D61.8_	Pancytopenia *Note: screen for anemia disorder related to neoplasm*

ICD-9-CM Code*	ICD-10-CM Code**	Explanation of ICD-9-CM Code
284.81	D60._	Red cell aplasia (acquired) (adult) (with thymoma) *Note: screen for anemia disorder related to neoplasm*
284.89	D61.1 - D61.3, D61.89, D61.9	Other specified aplastic anemias *Note: screen for anemia disorder related to neoplasm*
284.9	D61.9	Aplastic anemia *Note: screen for anemia disorder related to neoplasm*
285.0	D64.01 - D64.4	Sideroblastic anemia *Note: screen for anemia disorder related to neoplasm*
285.3	D64.81	Anemia due to antineoplastic chemotherapy
287.39, 287.49, 287.5	D69.49, D69.59, D69.6	Secondary, other primary and unspecified thrombocytopenia *Note: Screen for incorrectly coded thrombocythemia*
288.03	D70.1	Drug induced neutropenia *Note: screen for anemia disorder related to neoplasm*
288.3	D72.1	Eosinophilia *Note: This is the code for eosinophilia (9964/3).* *Not every case of eosinophilia is associated with a malignancy.* *Diagnosis must be "hypereosinophilic syndrome" to be reportable*
289.89, 289.9	D75.89, D75.9, D89.2	Other and unspecified diseases of blood and blood forming organs *Note: screen for anemia disorder related to neoplasm*
323.81	G04.81	Other causes of encephalitis and encephalomyelitis *Note: includes encephalitis due to neoplasm*
337.9	G90.9	Unspecified disorders of autonomic nervous system *Note: Includes myelopathy in neoplastic diseases*
338.3	G89.3	Neoplasm related pain (acute)(chronic)
352.9	G52.9	Unspecified disorder of cranial nerves *Note: includes cranial nerves disorder in neoplastic disease*
353.8	G54.8	Other nerve root and plexus disorders *Note: includes nerve root and plexus disorders in neoplastic disease*
516.5	J84.82	Adult pulmonary Langerhans cell histiocytosis
630	O01._	Hydatidiform mole *Note: This is a benign tumor that can become malignant.* *If malignant, it should be reported as Choriocarcinoma (9100/3)* *and will have a malignancy code in the 140-209 range*
648.9_	O9A.1_	Other current conditions classifiable elsewhere complicating pregnancy *Note: Includes: malignant neoplasm complicating pregnancy*
713.8	M36.1	Arthropathy associated with other conditions Note: includes arthropathy in neoplastic disease
728.9	M62.9	Unspecified disorder of muscle, ligament, and fascia *Note: Includes disorder of muscle, ligament,* *fascia in neoplastic disease*
733.1_	M84.5_	Pathologic fracture *Note: includes pathologic fracture due to neoplasm*

ICD-9-CM Code*	ICD-10-CM Code**	Explanation of ICD-9-CM Code
758.0	Q90.0_	Down's Syndrome *Note: Screen for leukemia associated with Down's Syndrome (9898/3)*
780.79	R53.0	Neoplastic (malignant) related fatigue
785.6	R59._	Enlargement of lymph nodes *Note: Screen for large B-cell lymphoma arising in HHV8-associated multicentric Castleman disease (9738)*
790.93	R97.2	Elevated prostate specific antigen (PSA)
791.9	R82.8	Other non specific findings on examination of urine (abnormal findings on cytological and histological examination of urine)
792.0, 792.2, 792.4, 792.9	R83.9, R84.9, R85.9, R86.9	Non specific abnormal findings in other body structures: cerebrospinal fluid, semen and saliva and other
793.11	R91.1	Solitary pulmonary nodule *(Effective 10/1/2011)*
793.8_	R92._	Nonspecific (abnormal) findings on radiological and examination of body structure (breast)
795.0_ - 795.1_	R87.6_	Papanicolaou smear of cervix and vagina with cytologic evidence of malignancy
795.4	R89.7	Other nonspecific abnormal histological findings
796.7_	R85.6_	Abnormal cytologic smear of anus and anal HPV
795.8_	R97._	Abnormal tumor markers; Elevated tumor associated antigens [TAA]
962.1	T38.6_	Poisoning by hormones and synthetic substitutes: Androgens and anabolic congeners
963.1	T45.1_	Poisoning by primarily systemic agents: antineoplastic and immunosuppressive drugs
990	T66	Effects of radiation, unspecified (radiation sickness)
996.54	T85.4_	Mechanical complication of other specified prosthetic device, implant, and graft-due to breast prosthesis
996.85	T86.0_	Complication of transplanted organ
999.3_	T80.2_	Complications due to central venous catheter
E858.0	T38.6_	Accidental poisoning by other drugs: Hormones and synthetic substitutes
E858.1	T45.1_	Accidental poisoning by other drugs: Primary systemic agents
E858.2	T45.8_, T45.9_	Agents primarily affecting blood constituents
E873.2	Y63.2	Failure in dosage, overdose of radiation in therapy (radiation sickness)
E878.0	Y83.0	Abnormal reaction of surgical operation with transplant of whole organ
E879.2	Y84.2	Overdose of radiation given during therapy (radiation sickness)
E930.7	None	Adverse reaction of antineoplastic therapy-Antineoplastic antibiotics
E932.1	None	Adverse reaction to antineoplastic therapy-Androgens and anabolic congeners
E933.1	None	Adverse effect (poisoning) of immunosuppressive drugs

ICD-9-CM Code*	ICD-10-CM Code**	Explanation of ICD-9-CM Code
V10.0_ - V10.9_	Z85.0_ - Z85.8_	Personal history of malignancy *Note: Screen for recurrences, subsequent primaries, and/or subsequent treatment*
V12.41	Z86.011	Personal history of benign neoplasm of the brain
V13.89	Z86.000, Z86.008, Z86.011	Personal history of unspecified malignant neoplasm and history of in-situ neoplasm of other site
V15.22	Z98.871	Personal history of undergoing in utero procedure during pregnancy *Note: includes procedures on fetus for cancer related diagnosis*
V15.3	Z92.3	Other personal history presenting hazards to health or radiation *Note: Personal history of therapeutic radiation*
V16._	Z80._	Family history of malignant neoplasm
V42.81, V42.82	Z94.81, Z94.84	Organ or tissue replaced by transplant bone marrow, stem cell
V51.0	Z42.1	Encounter for breast reconstruction following mastectomy
V52.4	Z44.3_	Fitting and adjustment of prosthetic device and implant (breast)
V54.2_	M84.5_	Aftercare for healing pathologic fracture
V58.0, V58.1_	Z51.0, Z51.1_	Encounter for radiotherapy, chemotherapy, immunotherapy
V58.42	M84.4_	Aftercare following surgery for neoplasm
V66.1, V66.2	Z51.89	Convalescence and palliative care following radiotherapy, chemotherapy
V66.7	Z51.5	Encounter for palliative care
V67.1, V67.2	Z08	Follow up examination: following radiotherapy or chemotherapy
V71.1	Z03.89	Observation for suspected malignant neoplasm
V72.83	Z01.818	Other specified pre-operative examination (including chemotherapy)
V76._	Z12._	Special screening for malignant neoplasms
V78.8, V78.9	Z13.0	Other and unspecified disorders of blood and blood forming organs
V86 ._	Z17 ._	Estrogen receptor positive status [ER+], negative status [ER-]
V87.41	Z92.21	Personal history of antineoplastic chemotherapy
V87.43	Z92.23	Personal history of estrogen therapy
V87.46	Z92.25	Personal history of immunosuppressant therapy

The following codes are associated with the paraneoplastic syndrome. Paraneoplastic syndrome by itself is not cancer. It's a disease or symptom that is the consequence of cancer but is not due to the local presence of cancer cells. A paraneoplastic syndrome may be the first sign of cancer. These codes have been removed from the supplemental list and are now in their own list.

ICD-9-CM Code*	ICD-10-CM Code**	Explanation of ICD-9-CM Code
253.6	E22.2	Syndrome of inappropriate secretion of antidiuretic hormone
259.2	E34.0	Carcinoid syndrome
259.8	E34.8	Other specified endocrine disorders
275.42	E83.52	Hypercalcemia
379.5_	H55._	Nystagmus and other irregular eye movements
686.01	L88	Pyoderma gangrenosum
694.4	L10.81	Pemphigus
695.89	L30.4, L53.8, L98.2	Other specified erythematous conditions
701.2	L83	Acquired acanthosis nigricans
710.3	M36.0	Dermatomyositis
710.4	M33.2_	Polymyositis

**International Classification of Diseases, 9th Revision, Clinical Modification, Sixth Edition (Hospital Edition), 2012*

***International Classification of Diseases, ICD-10-CM Tabular List of Diseases and Injuries, 2012, DRAFT. All information regarding ICD-10-CM, including the conversions of ICD-9-CM to ICD-10-CM based on the 2012 General Equivalency Mappings provided by CMS and NCHS on the CDC website for ICD coding: http://www.cdc.gov/nchs/icd/icd10cm.htm*