

**LIST OF ICD-9-CM CODES BY CHRONIC DISEASE CATEGORY**  
**Nine Chronic Conditions used in The Dartmouth Atlas of Health Care 2008**

March 3, 2008

<b>CATEGORY 1 = MALIGNANT CANCER, LEUKEMIA</b>	
<b>Cancer with Poor Prognosis</b>	
1500	Malignant neoplasm of cervical esophagus
1501	Malignant neoplasm of thoracic esophagus
1502	Malignant neoplasm of abdominal esophagus
1503	Malignant neoplasm of upper third of esophagus
1504	Malignant neoplasm of middle third of esophagus
1505	Malignant neoplasm of lower third of esophagus
1508	Malignant neoplasm of other specified part
1509	Malignant neoplasm of esophagus, unspecified
1510	Malignant neoplasm of cardia
1511	Malignant neoplasm of pylorus
1512	Malignant neoplasm of pyloric antrum
1513	Malignant neoplasm of fundus of stomach
1514	Malignant neoplasm of body of stomach
1515	Malignant neoplasm of lesser curvature, unspecified
1516	Malignant neoplasm of greater curvature, unspecified
1518	Malignant neoplasm of other specified sites of stomach
1519	Malignant neoplasm of stomach, unspecified
1550	Malignant neoplasm of liver, primary
1551	Malignant neoplasm of intrahepatic bile ducts
1552	Malignant neoplasm of liver, not specified as primary or secondary
1570	Malignant neoplasm of head of pancreas
1571	Malignant neoplasm of body of pancreas
1572	Malignant neoplasm of tail of pancreas
1573	Malignant neoplasm of pancreatic duct
1574	Malignant neoplasm of islets of Langerhans
1578	Malignant neoplasm of other specified sites of pancreas
1579	Malignant neoplasm of pancreas, part unspecified
1580	Malignant neoplasm of retroperitoneum
1588	Malignant neoplasm of specified parts of peritoneum
1589	Malignant neoplasm of peritoneum, unspecified
1620	Malignant neoplasm of trachea
1622	Malignant neoplasm of main bronchus
1623	Malignant neoplasm of upper lobe, bronchus or lung
1624	Malignant neoplasm of middle lobe, bronchus or lung
1625	Malignant neoplasm of lower lobe, bronchus or lung
1628	Malignant neoplasm of other parts of bronchus or lung
1629	Malignant neoplasm of bronchus and lung, unspecified
1630	Malignant neoplasm of parietal pleura
1631	Malignant neoplasm of visceral pleura
1638	Malignant neoplasm of other specified sites of pleura
1639	Malignant neoplasm of pleura, unspecified
1830	Malignant neoplasm of ovary
1832	Malignant neoplasm of fallopian tube
1833	Malignant neoplasm of broad ligament
1834	Malignant neoplasm of parametrium
1835	Malignant neoplasm of round ligament
1838	Malignant neoplasm of other specified sites of uterine adnexa
1839	Malignant neoplasm of uterine adnexa, unspecified
1910	Malignant neoplasm of cerebrum, except lobes and ventricles
1911	Malignant neoplasm of frontal lobe
1912	Malignant neoplasm of temporal lobe
1913	Malignant neoplasm of parietal lobe
1914	Malignant neoplasm of occipital lobe

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1915	Malignant neoplasm of ventricles
1916	Malignant neoplasm of cerebellum not otherwise specified
1917	Malignant neoplasm of brain stem
1918	Malignant neoplasm of other parts of brain
1919	Malignant neoplasm of brain, unspecified
20400	Acute lymphoid leukemia without mention of remission
20410	Chronic lymphoid leukemia without mention of remission
20420	Subacute lymphoid leukemia without mention of remission
20480	Other lymphoid leukemia without mention of remission
20490	Unspecified lymphoid leukemia without mention of remission
20500	Acute myeloid leukemia without mention of remission
20510	Chronic myeloid leukemia without mention of remission
20520	Subacute myeloid leukemia without mention of remission
20530	Myeloid sarcoma without mention of remission
20580	Other myeloid leukemia without mention of remission
20590	Unspecified myeloid leukemia without mention of remission
20600	Acute monocytic leukemia without mention of remission
20610	Chronic monocytic leukemia without mention of remission
20620	Subacute monocytic leukemia without mention of remission
20680	Other monocytic leukemia without mention of remission
20690	Unspecified monocytic leukemia without mention of remission
20700	Acute erythremia and erythroleukemia without mention of remission
20710	Chronic erythremia without mention of remission
20720	Megakaryocytic leukemia without mention of remission
20780	Other specified leukemia without mention of remission
20800	Acute leukemia of unspecified cell type without mention of remission
20810	Chronic leukemia of unspecified cell type without mention of remission
20820	Subacute leukemia of unspecified cell type without mention of remission
20880	Other leukemia of unspecified cell type without mention of remission
20890	Unspecified leukemia without mention of remission
<b>Metastatic Cancer</b>	
1960	Secondary and unspecified malignant neoplasm of lymph nodes of head, face, and neck
1961	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes
1962	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes
1963	Secondary and unspecified malignant neoplasm of lymph nodes of axilla and upper limb
1965	Secondary and unspecified malignant neoplasm of lymph nodes of inguinal region and lower limb
1966	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes
1968	Secondary and unspecified malignant neoplasm of lymph nodes of multiple sites
1969	Secondary and unspecified malignant neoplasm of lymph nodes, site unspecified
1970	Secondary malignant neoplasm of lung
1971	Secondary malignant neoplasm of mediastinum
1972	Secondary malignant neoplasm of pleura
1973	Secondary malignant neoplasm of other respiratory organs
1974	Secondary malignant neoplasm of small intestine, including duodenum
1975	Secondary malignant neoplasm of large intestine and rectum
1976	Secondary malignant neoplasm of retroperitoneum and peritoneum
1977	Secondary malignant neoplasm of liver, specified as secondary
1978	Secondary malignant neoplasm of other digestive organs and spleen
1980	Secondary malignant neoplasm of kidney
1981	Secondary malignant neoplasm of other urinary organs
1982	Secondary malignant neoplasm of skin
1983	Secondary malignant neoplasm of brain and spinal cord
1984	Secondary malignant neoplasm of other parts of nervous system
1985	Secondary malignant neoplasm of bone and bone marrow
1986	Secondary malignant neoplasm of ovary
1987	Secondary malignant neoplasm of adrenal gland

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19881	Secondary malignant neoplasm of breast
19882	Secondary malignant neoplasm of genital organs
19889	Secondary malignant neoplasm of other
1990	Malignant neoplasm without specification of site: disseminated
1991	Malignant neoplasm without specification of site: other

<b>CATEGORY 2 = CHRONIC PULMONARY DISEASE</b>	
<b>Chronic Pulmonary Disease</b>	
4911	Mucopurulent chronic bronchitis
49120	Obstructive chronic bronchitis without mention of acute exacerbation
49121	Obstructive chronic bronchitis with acute exacerbation
49122	Obstructive chronic bronchitis with acute bronchitis
4918	Other chronic bronchitis
4919	Unspecified chronic bronchitis
4920	Emphysematous bleb
4928	Other emphysema
49310	Intrinsic asthma without mention of status asthmaticus
49311	Intrinsic asthma with status asthmaticus
49312	Intrinsic asthma, with exacerbation
49320	Chronic obstructive asthma unspecified
49321	Chronic obstructive asthma with status asthmaticus
49322	Chronic obstructive asthma with exacerbation
49390	Asthma, unspecified without mention of status asthmaticus
49391	Asthma, unspecified with status asthmaticus
49392	Asthma unspecified, with exacerbation
494	Bronchiectasis
4940	Bronchiectasis w/o acute exacerbation
4941	Bronchiectasis with acute exacerbation
496	Chronic airway obstruction, not elsewhere classified
501	Asbestosis
5064	Chronic respiratory conditions due to fumes and vapors
515	Pulmonary fibrosis

<b>CATEGORY 3 = CORONARY ARTERY DISEASE</b>	
<b>Coronary Artery Disease</b>	
4111	Intermediate coronary syndrome
4118	Other acute and subacute forms of ischemic heart disease
41181	Acute ischemic heart disease without myocardial infarction
41189	Coronary insufficiency, subendocardial ischemia
412	Old myocardial infarction
4130	Angina decubitus
4139	Other and unspecified angina pectoris
4140	Coronary atherosclerosis
41400	of unspecified type of vessel, native or graft
41401	of native coronary artery
41402	of autologous vein bypass graft
41403	of nonautologous biological bypass graft
41404	of artery bypass graft
41405	of unspecified type of bypass graft
41406	of native coronary artery of transplanted heart
41407	of bypass graft (artery) (vein) of transplanted heart
4148	Other specified forms of chronic ischemic heart disease
4149	Chronic ischemic heart disease, unspecified

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<b>CATEGORY 4 = CONGESTIVE HEART FAILURE</b>	
<b>Congestive Heart Failure</b>	
4280	Congestive heart failure
4281	Left heart failure
4282	Systolic heart failure
42820	Unspecified
42821	Acute
42822	Chronic
42823	Acute on chronic
4283	Diastolic heart failure
42830	Unspecified
42831	Acute
42832	Chronic
42833	Acute on chronic
4284	Combined systolic and diastolic heart failure
42840	Unspecified
42841	Acute
42842	Chronic
42843	Acute on chronic
4289	Heart failure, unspecified
40201	Malignant hypertensive heart disease with CHF
40211	Benign hypertensive heart disease with CHF
40291	Unspecified hypertensive heart disease with CHF
39891	Rheumatic heart failure (congestive)
40401	Malignant hypertensive heart and renal disease with CHF
40403	Malignant hypertensive heart disease & renal disease w. CHF + renal failure
40411	Benign hypertensive heart and renal disease with CHF
40413	Benign hypertensive heart and renal disease with CHF and renal failure
40491	Unspecified hypertensive heart and renal disease with CHF
40493	Unspecified hypertensive heart and renal disease with CHF and renal failure

<b>CATEGORY 5 = PERIPHERAL VASCULAR DISEASE</b>	
<b>Peripheral Vascular Disease</b>	
4400	Atherosclerosis of aorta
4401	Atherosclerosis of renal artery
44020	Atherosclerosis of arteries of the extremities, unspecified
44021	Atherosclerosis of arteries of the extremities with intermittent claudication
44022	Atherosclerosis of arteries of the extremities with rest pain
44023	Atherosclerosis of arteries of the extremities with ulceration
44024	Atherosclerosis of arteries of the extremities with gangrene
44029	Atherosclerosis of arteries of the extremities, other
4403	Atherosclerosis of bypass graft of extremities
44030	of unspecified graft
44031	of autologous vein bypass graft
44032	of nonautologous biological bypass graft
4408	Atherosclerosis of other specified arteries
4409	Generalized and unspecified atherosclerosis
4410	Dissection of aorta
44100	Unspecified site
44101	Thoracic
44102	Abdominal
44103	Thoracoabdominal
4411	Thoracic aortic aneurysm, ruptured
4412	Thoracic aortic aneurysm without mention of rupture
4413	Abdominal aortic aneurysm, ruptured
4414	Abdominal aortic aneurysm without mention of rupture
4415	Aortic aneurysm of unspecified site, ruptured

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4416	Thoracoabdominal aneurysm, ruptured
4417	Thoracoabdominal aneurysm, w/o mention of rupture
4419	Aortic aneurysm of unspecified site without mention of rupture
4439	Peripheral vascular disease, unspecified

**CATEGORY 6 = SEVERE CHRONIC LIVER DISEASE**

<b>Severe Chronic Liver Disease</b>	
5712	Alcoholic cirrhosis of liver
5715	Cirrhosis of liver without mention of alcohol
5716	Biliary cirrhosis
5723	Portal hypertension

**CATEGORY 7 = DIABETES w/END ORGAN DAMAGE**

<b>Diabetes with End Organ Damage</b>	
The following fifth-digit subclassification is for use with category 250:	
0	Type II [Non-insulin dependent type][NIDDM type][Adult-onset type] or unspecified type, not stated as uncontrolled
1	Type I [Insulin dependent type][IDDM type][Juvenile type], not stated as uncontrolled
2	Type II [Non-insulin dependent type][NIDDM type][Adult-onset type], or unspecified type, uncontrolled
3	Type I [Insulin dependent type][IDDM type][Juvenile type], uncontrolled
2504(0,1,2,3)	Diabetes with renal manifestations
2505(0,1,2,3)	Diabetes with ophthalmic manifestations
2506(0,1,2,3)	Diabetes with neurological manifestations
2507(0,1,2,3)	Diabetes with peripheral circulatory disorders
2509(0,1,2,3)	Diabetes with unspecified complication
3572	Polyneuropathy in diabetes
36641	Diabetic cataract
36201	Background diabetic retinopathy
36202	Proliferative diabetic retinopathy

**CATEGORY 8 = RENAL FAILURE**

<b>Chronic Renal Failure</b>	
40301	Malignant hypertensive renal disease with renal failure
40311	Benign hypertensive renal disease with renal failure
40391	Unspecified hypertensive renal disease with renal failure
585	Chronic renal failure
5851	Chronic kidney disease Stage I
5852	Chronic kidney disease Stage II (mild)
5853	Chronic kidney disease Stage III (moderate)
5854	Chronic kidney disease Stage IV (severe)
5855	Chronic kidney disease Stage V
5856	End State Renal Disease
5859	Chronic kidney disease unspecified
V451	Renal dialysis status
V560	Aftercare involving intermittent extracorporeal dialysis
V568	Aftercare involving intermittent other dialysis

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<b>CATEGORY 9 = DEMENTIA</b>	
<b>Dementia</b>	
2900	Senile dementia, uncomplicated
29010	Presenile dementia, uncomplicated
29011	Presenile dementia with delirium
29012	Presenile dementia with delusional features
29013	Presenile dementia with depressive features
29020	Senile dementia with delusional features
29021	Senile dementia with depressive features
2903	Senile dementia with delirium
29040	Arteriosclerotic dementia, uncomplicated
29041	Arteriosclerotic dementia with delirium
29042	Arteriosclerotic dementia with delusional features
29043	Arteriosclerotic dementia with depressive features
2908	Other specified senile psychotic conditions
2909	Unspecified senile psychotic condition
2940	Other organic psychotic conditions (chronic)
2941	Dementia in conditions classified elsewhere
29410	w/o behavioral disturbance
29411	with behavioral disturbance
2948	Other specified organic brain syndromes (chronic)
2949	Unspecified organic brain syndrome (chronic)
3310	Alzheimer's disease
3312	Senile degeneration of brain
797	Senility without mention of psychosis