



ICD-10-CM Basic Foundation and Conventions For Various CDC Programs

APRIL 13, 2015

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Overview



- ICD-9-CM and ICD-10-CM Formats
- Chapter, Index, and Tabular
- ICD-10-CM Conceptual Changes
- ICD-10-CM Conventions
- ICD-10-CM Guidelines
- Summary

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CDC Programs' Interest in ICD-10-CM



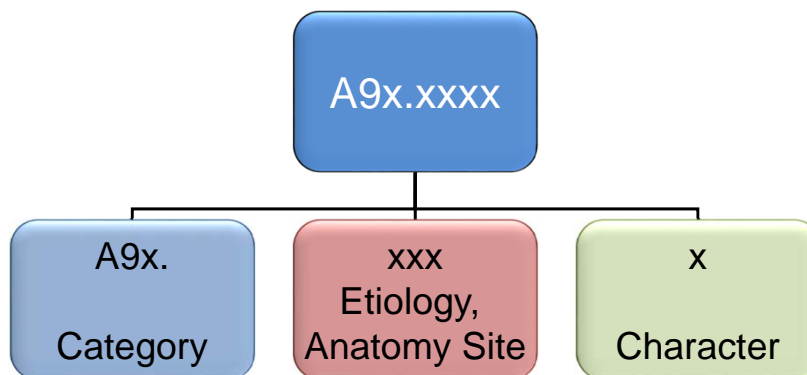
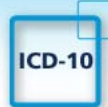
- Office of the Director
- National Center for Injury Prevention and Control
- Division of Analysis, Research and Practice Integration
- Division of Unintentional Injury Prevention
- Division of Violence Prevention
- Division of STD Prevention
- Division of Viral Hepatitis
- Division of HIV/AIDS Prevention
- Division of Tuberculosis Elimination
- National Center for Chronic Disease Prevention and Health Promotion/Diabetes Translation
- National Center on Birth Defects and Developmental Disabilities

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ICD-10-CM Code Structure

(International Classification of Diseases, 10th Revision, Clinical Modification)

Diagnosis and External Causes



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21 ICD-10-CM Chapters (paraphrased)

ICD-10

#	Codes	Descriptions	#	Codes	Descriptions
1	A00-B99	Infections	11	K00-K93	Digestive System
2	C00-D48	Neoplasms	12	L00-L99	Skin
3	D50-D98	Blood Disorders	13	M00-M99	Muscle/Bone
4	E00-E90	Endocrine/Metabolism	14	N00-N99	Genitourinary
5	F01-F99	Mental	15	O00-O99	Pregnancy
6	G00-G99	Nervous System	16	P00-P96	Perinatal Period
7	H00-H59	Eye	17	Q00-Q99	Congenital Malformations
8	H60-H95	Ear	18	R00-R99	Symptoms
9	i00-i99	Circulatory System	19	S00-T98	Injuries, External causes
10	J00-J99	Respiratory System	20	V01-Y98	External Causes Morbidity
			21	Z00-Z99	Health Factors

- ### Chapters
- ICD-10
- Chapters are subdivided into subchapters or “**blocks**”. These blocks contain 3 character categories that form the foundation of the code structure.
 - These chapters have been reorganized and rearranged due to advances in understanding the disease.

Chapter 1
Certain Infectious and Parasitic Diseases
(21 Blocks)

ICD-10

Block	Description
A00-A09	Intestinal infectious diseases
A15-A19	Tuberculosis
A20-A28	Certain zoonotic bacterial diseases
A30-A49	Other bacterial diseases
A50-A64	Infections with a predominantly sexual mode of transmission
A65-A69	Other spirochetal diseases
A70-A74	Other diseases caused by chlamydiae
A75-A79	Rickettsioses
A80-A89	Viral infections of the central nervous system
A90-A99	Arthropod-borne viral fevers and viral hemorrhagic fevers

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Chapter 1
Certain Infectious and Parasitic Diseases
(21 Blocks)

ICD-10

Block	Description
B00-B09	Viral infections characterized by skin and mucous membrane lesions
B15-B19	Viral hepatitis
B20-B24	Human immunodeficiency virus (HIV) disease
B25-B34	Other viral diseases
B35-B49	Mycoses
B50-B64	Protozoal diseases
B65-B83	Helminthiases
B85-B89	Pediculosis, acariasis and other infestations
B90-B94	Sequelae of infectious and parasitic diseases
B95-B97	Bacterial, viral and other infectious agents
B99	Other infectious diseases

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Infectious and Parasitic Diseases Found in other Chapters

ICD-10

- Chapter 15 “Pregnancy”
ICD-10-CM **O98** Infectious and parasitic diseases complicating pregnancy, childbirth, and puerperium
- Chapter 16 “Perinatal Period”
ICD-10-CM **P35-P39** Infectious and parasitic diseases specific to the perinatal period (20 weeks of gestation through 28 days after birth).

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Index and Tabular

ICD-10

- Index is alphabetical and it is the first starting point for locating the code. If there is a dash after the index entry, it means that additional code characters are required. This forces you to check further in the Tabular section.
- Tabular starts with the first letter and then it is numerical: A00, A01, A02, A03. Kudos: It is easier to find complete description and not have to go back several pages to read previous code descriptors just to understand what a code really means.

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Look Up


 ICD-10

The look up rules apply in ICD-10 code sets are similar to ICD-9-CM.

- It is essential to use both the Index and Tabular when locating a code. The index does not always provide the full code.
- It is necessary to refer to the Tabular to verify if there are any other instructions, such as Laterality, 7th character, Excludes 1 or Exclude 2 note.

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Infectious and Parasitic Diseases


 ICD-10

Index Rule:

When the main term for the condition is located, there could be subterms. If so, **specific** subterms always take precedence over the **general** subterms.

Chronic cystitis due to gonococcus

Index

Cystitis **N30.90** (default)
 chronic **N30.20** (this is general subterm)
 gonococcus **A45.01** (this is specific subterm)

For Chapter 1, the primary axis is the organism responsible for the disease.

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Diagnosis Format

ICD-10

- ICD-9-CM
 - Human Immunodeficiency Virus, Type-2 [HIV-2]

0
7
9
.
5
3

- ICD-10-CM
 - Human Immunodeficiency Virus, Type 2 [HIV-2] as the cause of diseases classified elsewhere.

B
9
7
.
3
5

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Many-to-One Concept

ICD-10

ICD-9-CM Code	Description
098.83	Gonococcal pericarditis
098.84	Gonococcal endocarditis
098.85	Other gonococcal heart disease

ICD-10-CM Code	Description
A54.83	Gonococcal heart infection

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One-to-Many Concept

ICD-10

ICD-9-CM Code	Description
078.89	Other specified diseases due to viruses
	Includes: Epidemic cervical myalgia, Marburg disease

ICD-10-CM Code	Description
A98.0	Crimean-Congo hemorrhagic fever
A98.1	Omsk hemorrhagic fever
A98.2	Kyasanur Forest disease
A98.3	Marburg virus disease
A98.4	Ebola virus disease
A98.5	Hemorrhagic fever with renal syndrome

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Tuberculosis – More Simplified

ICD-10

ICD-9-CM TB with Last Digit	ICD-10-CM Codes and Descriptions
“1” Bacteriological or histological exam not done	A15.- TB of lung A17.- TB of nervous system
“2” Bacteriological or histological exam unknown at present	A18.0- TB of musculoskeletal system A18.1- TB of genitourinary system
“3” Found in sputum by microscopy	A18.39 TB of retroperitoneum A18.4 TB of skin and subcutaneous
“4” Not found in sputum by microscopy, but found by bacterial culture	A18.5- TB of eye A18.6 TB of ear
“5” Not found by bacteriological exam, but confirmed histologically	A81.7 TB of adrenal glands A18.8- TB of thyroid glands, heart, spleen, other sites
“6” Not found by bacteriological or histological exam, confirmed by other methods (inoculate animals)	A19.-- Miliary TB

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Old Term: Septicemia New Term: Sepsis

ICD-10

Sepsis divide into two categories A40 and A41

ICD-9-CM Code	ICD-10-CM Code
038.0 <u>Streptococcal</u> septicemia	A40.0 Sepsis due to <u>streptococcal</u> , group A A40.1 Sepsis due to <u>streptococcal</u> , group B A40.3 Sepsis due to <u>streptococcal</u> pneumoniae A40.8 Other streptococcal sepsis A40.9 <u>Streptococcal</u> sepsis, unspecified
038.1- <u>Staphylococcal</u> septicemia	A41.0x <u>Other</u> sepsis*

*Sepsis due to staphylococcal will be included in the A41 series as 'Other' sepsis.

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Infectious Organisms (Chapter 1)

ICD-10

If disease code does not include the infectious organism, B95-B97 will be reported as secondary codes to identify the organism.

ICD-10-CM	Description
B95.--	Streptococcus, Staphylococcus, Enterococcus as the cause of diseases classified elsewhere
B96.--	Other bacterial agents as the cause of diseases classified elsewhere, such as Klebsiella, Shiga-toxin E.coli,, Mycoplasma pneumoniae, Pseudomonas, Proteus, H. influenza, Clostridium perfringens, Bacteroides fragilis
B97.--	Viral agents as the cause of diseases classified elsewhere, such as SARS, Retroviruses

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Perianal Abscess due to MRSA ICD-10

- ICD-10-CM
 - There is no combination code for perianal abscess (K61.0) due to MRSA (B95.62). Each must be reported.
 - Perianal Abscess

K
6
1
.
0

- Staphylococcus aureus infection resistant to Methicillin

B
9
5
.
6
2

19

Resistance to Drug (Chapter 21) ICD-10

ICD-10-CM	Description
Z16.1-	Resistance to beta lactam antibiotics Penicillins, Ampicillin, Cephalosporins, Extended spectrum beta lactamase (ESBL)
Z16.2-	Resistance to other antibiotics Vancomycin, Quinolones, Sulfonamides, Tetracyclines, Single specified antibiotic, Multiple Antibiotics
Z16.3-	Resistance to other antimicrobial drugs Antiparasitics, Antifungals, Antivirals, Single antimycobacterial, Multiple antimycobacterials.

If Infection code does not include the type of drug resistance, Z16 code from Chapter 21 will be reported as secondary codes to show non-responsiveness to a antimicrobial drug.

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Sequencing Rule ICD-10

- Underlying condition must be reported first, then sepsis or severe sepsis reported as secondary code.
- If the underlying condition does not identify organism, then organism must be reported (A41.9 Sepsis, unspecified organism).
- This may affect the search for these codes in principal or other diagnosis code fields.

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Chapter 18: Severe Sepsis (R65.2) ICD-10

- If **“severe sepsis”** meet the principal diagnosis definition,
 - the underlying systemic infection must be reported as the principal or first listed diagnosis.
 - the code for severe sepsis will be reported as secondary diagnosis.

– Principal Dx: Sepsis due to Hemophilus Influenzae

A	4	1	.	3			
---	---	---	---	---	--	--	--

– Secondary Dx: **Severe sepsis** without septic shock

R	6	5	.	2	0		
---	---	---	---	---	---	--	--

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Sepsis and Severe Sepsis and Localized Infection

ICD-10

- If reason for admit include all three: sepsis, severe sepsis and localized infection, such as pneumonia, at the time of admission:
 - Principal: Underlying systemic infection
 - Secondary: Pneumonia
 - Secondary: Severe sepsis

- If reason for admit is localized infection such as pneumonia, and sepsis and severe sepsis occurred later during the stay:
 - Principal: Pneumonia
 - Secondary: Underlying systemic infection
 - Secondary: Severe sepsis

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Chapter 4 Endocrine, Nutritional and Metabolic Diseases (10 Blocks)

ICD-10

Block	Description
E00-E07	Disorders of thyroid gland
E08-E13	Diabetes mellitus
E15-E16	Other disorders of glucose regulation and pancreatic internal secretion
E20-E35	Disorders of other endocrine glands
E36	Intraoperative complications of endocrine system
E40-E46	Malnutrition
E50-E64	Other nutritional deficiencies
E65-E68	Overweight, obesity and other hyperalimentation
E70-E88	Metabolic disorders
E89	Postprocedural endocrine and metabolic complications and disorders, not elsewhere classified

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Diabetes Mellitus

ICD-10

Block	Description
E08	Diabetes mellitus due to underlying condition
E09	Drug or chemical induced diabetes mellitus
E10	Type I diabetes mellitus
E11	Type 2 diabetes mellitus
E12	<i>E12 block is not used yet.....</i>
E13	Other specified diabetes mellitus

- **If the type of diabetes mellitus is not documented in the record, it will be reported with a default of E11 for Type 2 diabetes mellitus**

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Diabetes Mellitus, Uncontrolled

ICD-10

- **Diabetes mellitus are no longer classified as controlled or uncontrolled.**
- **If it is uncontrolled, it will be reported as diabetes mellitus with hyperglycemia.**

Codes	Description
E08.65	Diabetes mellitus due to underlying condition <u>with hyperglycemia</u>
E09.65	Drug or chemical induced diabetes mellitus <u>with hyperglycemia</u>
E10.65	Type I diabetes mellitus <u>with hyperglycemia</u>
E11.65	Type 2 diabetes mellitus <u>with hyperglycemia</u>
E13.65	Other specified diabetes mellitus <u>with hyperglycemia</u>

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Gout



Moved from

ICD-9-CM Chapter 3 (279 code series)
**Endocrine, Nutritional and Metabolic diseases and
 Immunity disorders**

To

ICD-10-CM Chapter 13 (M10, M1A, N20 code series)
Diseases of Musculoskeletal system and Connective tissue

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Combination Codes



- ICD-9-CM multiple coding rules are complex and confusing. There are very few combination codes.
- To eliminate the confusion, ICD-10-CM created many combination codes, such as:

i25.110	Atherosclerotic heart disease of native coronary artery, <u>with</u> unstable angina pectoris
K50.011	Crohn's disease of small intestine <u>with</u> rectal bleeding
K57.21	Diverticulitis of large intestine <u>with</u> perforation and abscess <u>with</u> bleeding
E11.341	Type 2 diabetes mellitus <u>with</u> severe nonproliferative diabetic retinopathy <u>with</u> macular edema.

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**Combination Concept
Many-to-Many Concept**

ICD-10

Code	ICD-9-CM
250.70	Type 2 diabetes mellitus with peripheral circulatory disorder
443.81	Peripheral angiopathy in diseases classified elsewhere

Code	ICD-10-CM
E10.51	Type 2 diabetes mellitus with <u>diabetic peripheral angiopathy</u> without gangrene
E10.52	Type 2 diabetes mellitus with <u>diabetic peripheral angiopathy</u> with gangrene

ICD-10-CM has more combination codes.

Condition + Site/Symptom + Attribute about the diagnosis.

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And

ICD-10

"And"—The term "and" means "and/or" when it is in a code.

In the example below, the code is appropriate for a patient who has one or both of these conditions.

Hemorrhage of anus **and** rectum.

The same code is interpreted as:

- K62.5** Hemorrhage of anus
- K62.5** Hemorrhage of rectum
- K62.5** Hemorrhage of anus and rectum

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With



"With"—When "with" appears (in a code title, in the Alphabetic Index, or as an instructional note in the Tabular List), it means "associated with" or "due to."

The term "with" in the Alphabetic Index is sequenced immediately following the main term. It is NOT in the alphabetical order within the Index.

If the diagnosis is not clearly documented, the **default** is Without.

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Due To



"Due To" indicate that a causal relationship between two conditions is present. Sometime other terms are used, such as "secondary to".

D64.81 Anemia **due to** antineoplastic chemotherapy

D50.0 Iron deficiency anemia **secondary to** blood loss (chronic)

Not all relationships are defined as "due to". The ICD-10-CM codebook sometimes make assumption, such as mitral valve diseases are due to rheumatic in origin, regardless of whether or not the diagnostic statement makes this distinction.

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Chapter 5
Mental, Behavioral, and Neurodevelopmental Disorders
(11 Blocks)

ICD-10

Block	Description
F01-F09	Mental disorders due to known physiological conditions
F10-F19	Mental and behavioral disorders due to psychoactive substance use
F20-F29	Schizophrenia, schizotypal and delusional, and other non-mood psychotic disorders
F30-F39	Mood [affective] disorders
F40-F48	Anxiety, dissociative, stress-related, somatoform and other nonpsychotic mental disorders
F50-F59	Behavioral syndromes associated with physiological disturbances and physical factors
F60-F69	Disorders of adult personality and behavior
F70-F79	Intellectual Disabilities
F80-F89	Pervasive and specific developmental disorders
F90-F98	Behavioral and emotional disorders with onset usually occurring in childhood and adolescence
F99	Unspecified mental disorder

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Tension Headache

ICD-10

Moved from

ICD-9-CM Chapter 5 Mental Disorders
307.81 for tension headache related to psychological factors

To

ICD-10-CM Chapter 6 Diseases of Nervous System
G44.2-- for tension-type headaches

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One-to-Many Concept ICD-9-CM code 309.81 for PTSD

ICD-10

- Post-traumatic stress disorder, **unspecified**

F	4	3	.	1	0		
---	---	---	---	---	---	--	--

- Post-traumatic stress disorder, **acute**

F	4	3	.	1	1		
---	---	---	---	---	---	--	--

- Post-traumatic stress disorder, **chronic**

F	4	3	.	1	2		
---	---	---	---	---	---	--	--

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Abuse, Dependence, “Use”, In Remission

ICD-10

ICD-10-CM Code	Description (and notes)
F10.129	Alcohol abuse with intoxication, unspecified <i>(diagnosis of simple drunkenness)</i>
F10.20	Alcohol dependence , uncomplicated <i>(diagnosis of alcoholism)</i>
F10.229	Alcohol dependence with intoxication, unspecified <i>(diagnosis of alcoholism with acute drunkenness)</i>
F10.920	Alcohol use , unspecified with intoxication, uncomplicated <i>(no mention of abuse or dependence)</i>
F10.21	Alcohol dependence, in remission <i>(history codes no longer available – classified as ‘in remission’)</i>
Y90.--	New code for Blood Alcohol Level (if documented) <i>(10 codes for less than 20 mg/100ml to 240mg/100 ml or more)</i>

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ICD-10-CM Official Coding Guidelines ICD-10

- ICD-10-CM Guidelines on “Use, Abuse, Dependence”
 - If one or more terms are documented on the same substance (alcohol, drug), only one code will be reported .
 - It will be based on the pattern of use, in the following hierarchy:

Documentation	Hierarchy Default
Use and Abuse	Abuse
Abuse and Dependence	Dependence
Use, Abuse, and Dependence	Dependence
Use and Dependence	Dependence

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Three digit codes: Intellectual Disabilities ICD-10

ICD-10-CM Code	Description
F70	Mild intellectual disabilities IQ level 50-55 to approximately 70 (ICD-9-CM 317 is IQ 50-70)
F71	Moderate intellectual disabilities IQ level 35-40 to 50-55 (ICD-9-CM 318.0 is IQ 35-49)
F72	Severe intellectual disabilities IQ level 20-25 to 35-40 (ICD-9-CM 318.1 is IQ 20-34)
F73	Profound intellectual disabilities IQ level below 20-25 (ICD-9-CM 318.2 is IQ under 20)
	Excludes 1 Note says.....
R41.83	Borderline intellectual functioning IQ above 70-84 (ICD-9-CM V62.89 for “other” psych or stress, NEC – no IQ range)

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Includes Note ICD-10

Includes notes are used as conventions in the ICD-10-CM Tabular List to clarify which conditions are included within a particular chapter, section, category, subcategory, or code.

When these notes appear at the beginning of a chapter, section or category, they start with the word “Includes”.

It is important to remember that the list of inclusions terms is not exhaustive and may include diagnoses not listed in the inclusion note.

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Example of Includes Note ICD-10

ICD-10-CM	Description
F01	Vascular dementia
Includes	Arteriosclerotic dementia
	Code first the underlying physiological condition or sequelae of cerebrovascular disease
F01.50	Vascular dementia without behavioral disturbance
F01.51	Vascular dementia with behavioral disturbance

Index include other terms, such as multi-infarct dementia which is reported as vascular dementia. The term may or may not appear in the Includes notes.

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Exclude1 Notes

ICD-10

Exclusion Notes—In ICD-10-CM there are two types of "excludes" notes: "Excludes1" and "Excludes2." Either or both may appear under a category, subcategory, or code.

The Excludes1 note is a **pure** excludes note. It means "NOT CODED HERE!" This note indicates the code excluded should never be used with the code on the same record.

Excludes1 note indicate two conditions cannot occur together (e.g., congenital and acquired of the same condition).

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Example of Excludes 1 Note

ICD-10

ICD-10-CM	Description
F17	Nicotine Dependence
Excludes 1	History of tobacco dependence (Z87.891)
	Tobacco use NOS (Z72.0)
	This means F17 codes cannot be reported with either code listed in Excludes 1 on the same record. It has to be one or the other.
	For example, it is not logical to have a current dependence and history of dependence together on the same record.

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Exclude2 Notes




The Excludes2 note represent “Not included here”. It indicates that the condition is not part of the condition that it is excluded from.

However a patient may have both conditions at the same time which may be acceptable to report both the code and the excluded code together if supported by medical documentation.

See example on the next slide.

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Example of Excludes 2 Note



ICD-10-CM	Description
F17	Nicotine Dependence
Excludes 1	History of tobacco dependence (Z87.891)
	Tobacco use NOS (Z72.0)
Excludes 2	Tobacco use (smoking) during pregnancy, childbirth, and the puerperium (O99.33-)
	Toxic effect of nicotine (T65.2-)
	<p>Excludes 2 means these conditions are excluded from F17, but in some cases they may be reported with F17.</p> <p>For example, if this is a pregnancy case or if this is a nicotine poisoning case, F17 can be reported together with the codes from Excludes 2 note on the same record.</p>

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Chapter 17 Congenital Malformations, Deformations, and Chromosomal Abnormalities (11 Blocks)

ICD-10

Block	Description
Q00-Q07	Congenital malformations of the nervous system
Q10-Q18	Congenital malformations of eye, ear, face and neck
Q20-Q28	Congenital malformations of the circulatory system
Q30-Q34	Congenital malformations of the respiratory system
Q35-Q37	Cleft lip and cleft palate
Q38-Q45	Other congenital malformations of the digestive system
Q50-Q56	Congenital malformations of genital organs
Q60-Q64	Congenital malformations of the urinary system
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system
Q80-Q89	Other congenital malformations
Q90-Q99	Chromosomal abnormalities, not elsewhere classified

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Laterality

ICD-10

- Laterality indicate whether the condition occurs on the left, right, or is bilateral.
- If a bilateral code is provided, then only the bilateral code will be reported.
- If no bilateral code is provided and if the condition is bilateral, there will be separate codes for the left and right side.

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Example of Laterality

ICD-10

- Congenital dislocation of **right** hip, unilateral

Q	6	5	.	0	1		
---	---	---	---	---	---	--	--
- Congenital dislocation of **left** hip, unilateral

Q	6	5	.	0	2		
---	---	---	---	---	---	--	--
- Congenital dislocation of hip, **bilateral**

Q	6	5	.	1			
---	---	---	---	---	--	--	--

Caution: The index will provide the code for the right side by default. We must recheck the tabular for a different code for left or bilateral.

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Chapter 17 Codes

ICD-10

- Congenital malformation is a defect
 - May be present at birth
 - May be identified until later in life
 - May be genetic
 - May be result from exposure to malforming agent or unknown cause
- Chapter 17 codes may be used throughout the life the patient.
- If the congenital malformation or deformity was corrected, a personal history code would be reported to identify the history of malformation or deformity.
- If birth defects are noted at birth, the block Z38 for liveborn infants would be reported as principal diagnosis and then the congenital anomaly codes (Q00-Q89) would be reported as secondary diagnoses.

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ICD-10

Rule Out.....Ruled Out

“Rule Out” indicates that a diagnosis is still possible. It is reported as a diagnosis in the inpatient setting. Other terms are: possible, probable, suspected, likely, questionable, compatible with, indicative of, suggestive of, consistent with, or even “?”.

Not applicable to outpatient encounters (symptoms are reported).

Not applicable to HIV (B20), epilepsy (G40), and multiple sclerosis (G35) that may affect ability to obtain a driver’s license and possible social and job discrimination.

“Ruled Out” indicates that a diagnosis once considered likely is no longer possible. Will not be reported.

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ICD-10

Chapter 19 Injury, Poisoning, and Certain Other Consequences of External Causes (20 Blocks)

Block	Description
S00-S09	Injuries to the head
S10-S19	Injuries to the neck
S20-S29	Injuries to the thorax
S30-S39	Injuries to the abdomen, lower back, lumbar spine, pelvis and external genitals
S40-S49	Injuries to the shoulder and upper arm
S50-S59	Injuries to the elbow and forearm
S60-S69	Injuries to the wrist and hand
S70-S79	Injuries to the hip and thigh
S80-S89	Injuries to the knee and lower leg
S90-S99	Injuries to the ankle and foot

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Chapter 19 Injury, Poisoning, and Certain Other Consequences of External Causes (20 Blocks)

ICD-10

Block	Description
T07	Unspecified multiple injuries
T14	Injury of unspecified body region
T15-T19	Effects of foreign body entering through natural orifice
T20-T32	Burns and corrosions
T33-T34	Frostbite
T36-T50	Poisoning by, adverse effect of and underdosing of drugs, medicaments and biological substances
T51-T65	Toxic effects of substances chiefly nonmedicinal as to source
T66-T78	Other and unspecified effects of external causes
T79	Certain early complications of trauma
T80-T88	Complications of surgical and medical care, not elsewhere classified

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Placeholder X

ICD-10

ICD-10-CM utilizes a placeholder character 'X'.

'X' is used as a placeholder at certain codes to allow for future expansion. "X" is a valid code.

For codes less than 6 characters that require a 7th character, a placeholder X must be used for all characters less than 6. The 7th character must always be the 7th character of a code.

Example: Sepsis following immunization is T88.0. The code instruction state to use 7th character.

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X Fillers are Valid Values

ICD-10

- Sepsis following Immunization, Initial Encounter

T

8

8

.

0

X

X

A

- Sepsis following Immunization, Subsequent Encounter

t

8

8

.

0

x

x

d

- Sepsis following Immunization, Sequela

T

8

8

.

0

X

x

S

53

Drug and Intent

Insulin and oral hypoglycemic [antidiabetic] Drug

ICD-10

ICD-10-CM Code	Description
T38.3x1	Poisoning by insulin and oral hypoglycemic drugs, accidental (unintentional)
T38.3x2	Poisoning by insulin and oral hypoglycemic drugs, intentional, self-harm
T38.3x3	Poisoning by insulin and oral hypoglycemic drugs, assault
T38.3x4	Poisoning by insulin and oral hypoglycemic drugs, undetermined
T38.3x5	Adverse effect by insulin and oral hypoglycemic drugs
T38.3x6	Underdosing by insulin and oral hypoglycemic drugs

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Underdosing Concept

ICD-10

- **Definition**
 - Taking less of a medication than is prescribed by a physician or the manufacturer’s instruction, resulting with a negative health consequence.
- **Reporting**
 - It should never reported as principal or first listed codes.
- **Scenario**
 - If the patient has a relapse of the medical condition because of the reduction in dose, then the medical condition will be reported first.

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Noncompliance Z91.12- and Z91.13- To be reported with Underdosing T code to indicate the noncompliance intent

ICD-10

ICD-10-CM	Description – From Chapter 21
Z91.11	Patient’s noncompliance with dietary regimen
Z91.120	Patient’s <u>intentional</u> underdosing of medication regimen due to financial hardship
Z91.128	Patient’s <u>intentional</u> underdosing of medication for other reasons
Z91.130	Patient’s <u>unintentional</u> underdosing of medication due to age-related debility
Z91.138	Patient’s <u>unintentional</u> underdosing of medication for other reasons
Z91.14	Patient’s other noncompliance with medication
Z91.15	Patient’s noncompliance with renal dialysis
Z91.19	Patient’s noncompliance with other medical treatment and regimen

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Fracture Ankle

ICD-10

- ICD-9-CM
 - [Fracture, medial malleolus, closed](#)

8	2	4	.	0	
---	---	---	---	---	--

- ICD-10-CM
 - [Displaced fracture of medial malleolus, right tibia, initial encounter for closed fracture.](#)

S	8	2	.	5	1	x	A
---	---	---	---	---	---	---	---

57

Defaults

ICD-10

- **If a fracture is not specified as Open or Closed, the default will be reported as Closed.**
 - Similar to ICD-9-CM
- **If a fracture is not specified as Displaced or Non-Displaced, the default will be reported as Displaced.**
 - New – not stated in ICD-9-CM

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Gustilo Classification of Open Fractures

ICD-10

- Groups into three main categories

Type I	<u>Minimal</u> soft tissue damage, Wound <1 cm, Low energy type injury
Type II	<u>Moderate</u> soft tissue damage, Wound >1 cm, No contamination, Low energy type injury
Type III	<u>Extensive</u> soft tissue damage, Wound >1 cm, Unstable fractures, High energy type injury

- Further divided into three subcategories

Type IIIA	Adequate soft tissue coverage of open wound, No local or distant flap required.
Type IIIB	Extensive soft tissue loss, Local or distant flap coverage
Type IIIC	Major arterial injury, Extensive repair requiring the skills of a vascular surgeon for limb salvage

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7th Character

ICD-10

Also called “7th character extensions”

They are found predominately in two chapters:

Chapter 15 Pregnancy, Childbirth, Puerperium

7th character: Fetus is identified which fetus(s) is affected by the complication of pregnancy.

Chapter 19 Injury, Poisoning, and External Causes

7th character: Episode of Care as initial, subsequent, or sequela.

60

Encounters For Episode of Care

ICD-10

- Sepsis following Immunization, **Initial Encounter**

T	8	8	.	0	X	X	A
---	---	---	---	---	---	---	---

- Sepsis following Immunization, **Subsequent Encounter**

t	8	8	.	0	x	x	d
---	---	---	---	---	---	---	---

- Sepsis following Immunization, **Sequela**

T	8	8	.	0	X	x	S
---	---	---	---	---	---	---	---

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Episode of Care

ICD-10

- **A = Initial Encounter** is defined as the period when the patient is receiving 'active' treatment for the injury, poisoning, or other consequences of an external cause.
- **Example:** An "A" may be assigned on more than one record.
 - If a patient is seen in the ER for a head injury evaluated by ER physician, then a CT scan is read by the radiologist, and a consultation by a neurologist, the 7th character "A" is reported for all three encounters (ER, Xray, New Doctor visit).
 - If the patient is admitted to the acute care hospital, the 7th character "A" is used for the entire period that the patient receives active treatment for the injury.

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Episode of Care


 ICD-10

- **D = Subsequent Encounter** is defined as the period after the active phase of treatment and when the patient is receiving routine care for the injury during the period of healing or recovery.
- Subsequent encounter include: cast change, removal of external or internal fixation device, medication adjustment, and follow-up of fracture treatments.
- Example: A patient with an ankle sprain may return to the office to have joint stability re-evaluated and to ensure that the injury is healing properly. In this case, 7th character “D” is reported.

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Episode of Care


 ICD-10

- **S = Sequela Encounter** is defined late effect where the residual condition developed long after the current injury healed.
- Example: Scar due to old lacerations, deformity due to a nonunion fracture three months ago, paralysis due to previous accident, and brain damage from drug reaction that was discontinued six months ago.
- Other late effects can also be found in codes within Chapter 1, such as B90 for sequelae of TB (resulting calcification in adrenal gland).

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Chapter 20 External Causes of Morbidity (33 Blocks)


 ICD-10

Block	Description
V00-X58	Accidents
V00-V99	Transport accidents
V00-V09	Pedestrian injured in transport accident
V10-V19	Pedal cyclist injured in transport accident
V20-V29	Motorcycle rider injured in transport accident
V30-V39	Occupant of three-wheeled motor vehicle injured in transport accident
V40-V49	Car occupant injured in transport accident
V50-V59	Occupant of pick-up truck or van injured in transport accident
V60-V69	Occupant of heavy transport vehicle injured in transport accident
V70-V79	Bus occupant injured in transport accident
V80-V89	Other land transport accidents

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Chapter 20 External Causes of Morbidity (33 Blocks)


 ICD-10

Block	Description
V90-V94	Water transport accidents
V95-V97	Air and space transport accidents
V98-V99	Other and unspecified transport accidents
W00-X58	Other external causes of accidental injury
W00-W19	Slipping, tripping, stumbling and falls
W20-W49	Exposure to inanimate mechanical forces
W50-W64	Exposure to animate mechanical forces
W65-W74	Accidental drowning and submersion
W85-W99	Exposure to electric current, radiation and extreme ambient air temperature and pressure
X00-X08	Exposure to smoke, fire and flames
X10-X19	Contact with heat and hot substances

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Chapter 20 External Causes of Morbidity (33 Blocks)

ICD-10

Block	Description
X30-X39	Exposure to forces of nature
X52, X58	Accidental exposure to other specified factors
X71-X83	Intentional self-harm
X92-Y08	Assault
Y21-Y33	Event of undetermined intent
Y35-Y38	Legal intervention, operations of war, military operations, and terrorism
Y62-Y84	Complications of medical and surgical care
Y62-Y69	Misadventures to patients during surgical and medical care
Y70-Y82	Medical devices associated with adverse incidents in diagnostic and therapeutic use
Y83-Y84	Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure
Y90-Y99	Supplementary factors related to causes of morbidity classified elsewhere

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External Cause Format

ICD-10

- ICD-9-CM [Bite of other \[nonvenomous\] animal, except arthropod \(cats, rodents, moray eel, sharks\)](#)

E

9

0

6

.

3

- ICD-10-CM
 - [W58.01--- Bitten by alligator](#)
 - [W58.11--- Bitten by crocodile](#)

W

5

8

.

0

1

x

A

W

5

8

.

1

1

x

A

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How Many External Cause Codes?

ICD-10

Reporting can capture at least five external cause codes.

- **How the injury or health condition happened?**
 - Fall, Drowning, Bite, Car accident, Gunshot, Fire, Cuts
- **What is the intent (unintentional or intentional or undetermined)?**
 - Accidental, Suicidal, Assault, Maltreatment, Terrorism
- **Where is the place that the event occurred?**
 - Y92: School, hospital, mobile home, farm, beach, mountain
- **What is the activity of the patient at the time of the event?**
 - Y93: Surfboarding, eating at a restaurant, mowing a lawn, walking
- **What is the person's status?**
 - Y99: civilian, military, volunteer, student

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Attempted Suicides, Self-Inflicted Injuries

ICD-10

- **Intentional self-harm** by drowning and submersion

X	7	1	.	-	-	-	-
---	---	---	---	---	---	---	---
- **Intentional self-harm** by rifle, shotgun, machine gun

X	7	3	.	-	-	-	-
---	---	---	---	---	---	---	---
- **Intentional self-harm** by crashing of motor vehicle

X	8	2	.	-	-	-	-
---	---	---	---	---	---	---	---

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ICD-10

New Improved Change!

Code	ICD-9-CM Diagnosis
969.05	Tricyclic antidepressants

Code	ICD-9-CM External Cause
E950.3	Suicide by tranquilizers and other psychotropic agents

Code	ICD-10-CM Diagnosis
T43.012A	Poisoning by <u>tricyclic antidepressants</u> , <u>intentional self-harm</u>

ICD-10-CM: Drug and intent will be combined in the diagnosis field.

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ICD-10-CM Official Guidelines for Coding and Reporting

<http://www.cdc.gov/nchs/icd/icd10cm.htm>

FY 2015 release of ICD-10-CM
Note: This replaces the FY 2014 release.

These files listed below represent the FY 2015 ICD-10-CM. There were no changes to the FY 2015 ICD-10-CM Tabular or Index files over the FY 2014 ICD-10-CM. Therefore there are no FY 2015 ICD-10-CM Addenda files.

The FY 2015 ICD-10-CM is available in both PDF (Adobe) and XML file formats. Most files are provided in compressed zip format for ease in downloading. These files have been created by the National Center for Health Statistics (NCHS), under authorization by the World Health Organization.

Although the FY 2015 ICD-10-CM is now available for public download and viewing, the codes in ICD-10-CM are not currently valid for any purpose or use. Please see above regarding the pending interim final rule which will give the effective implementation date for ICD-10-CM (and ICD-10-PCS), currently anticipated to be October 1, 2015. Updates to ICD-10-CM are anticipated prior to its implementation.

Any questions regarding typographical or other errors noted on this release may be reported to Donna Pickett, e-mail dfp4@cdc.gov.

FY 2015 release of ICD-10-CM

- Preface [PDF - 35 KB]
- **ICD-10-CM Guidelines [PDF - 511 KB] Modifications made on page 78.**
- ICD-10-CM PDF Format
- ICD-10-CM XML Format
- ICD-10-CM List of codes and Descriptions
- General Equivalence Mapping Files [ZIP - 624 KB]

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ICD-10-CM Official Guidelines for Coding and Reporting

<http://www.cms.gov/Medicare/Coding/ICD10/2015-ICD-10-CM-and-GEMs.html>

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Home > Medicare > ICD-10 > 2015 ICD-10-CM and GEMs

ICD-10

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 2015 ICD-10-CM and GEMs

2015 ICD-10-CM and GEMs

The 2015 ICD-10-CM files below contain information on the new diagnosis coding system, ICD-10-CM, that is being developed as a replacement for ICD-9-CM, Volumes 1 and 2.

Downloads

2015 Code Descriptions in Tabular Order [ZIP, 1MB]
 2015 Code Tables and Index - Updated 11/13/14 [ZIP, 16MB]
 2015 ICD-10-CM Duplicate Code Numbers [ZIP, 68KB]
 2015 Addendum [PDF, 29KB]
 2015 General Equivalence Mappings (GEMs) - Diagnosis Codes and Guide [ZIP, 653KB]
 2015 Reimbursement Mappings - Diagnosis Codes and Guides [ZIP, 249KB]
 2015 Present On Admission (POA) Exempt List [ZIP, 1MB]
 2015 ICD-10-CM Guidelines - Updated 9/29/2014 [PDF, 515KB]

<http://www.ahacentraloffice.org/codes/products.shtml>



AHA ICD-10-CM and ICD-10-PCS Coding Handbook with Answers is a wonderful resource for the coding community. May be helpful to you.

Coding Products

Home > Medical Coding > Products

Products

ICD-10-CM and ICD-10-PCS Coding Handbook With Answers by Nelly Leon-Chisen - 2015 edition - Printed
 Learn the basic coding principles for the latest changes authorized by NCHS and CMS.
 Product Code: 14R058
 ISBN: 978-1-55648-392-9
 Errata for ICD-10-CM and ICD-10-PCS Coding Handbook 2015 with Answers

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 Learn the basic coding principles for the latest changes authorized by NCHS and CMS. This is a digital PDF format.
 Product Code: F148U55
 ISBN: 978-1-55648-394-3

Challenges for Secondary Data Users of ICD-10-CM Codes

Data interpretation will necessitate understanding of:

- ❑ Terminology, such as the standard term sepsis or definitions of encounter and episode of care and underdosing.
- ❑ Instruction notes throughout the Tabular section, such as the excludes 1 and excludes 2 notes.
- ❑ Combination codes and how they impact your study or programming.
- ❑ ICD-10-CM Coding Guidelines and how they impact the reporting of diagnosis or external cause codes.

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ICD-10-CM Official Guidelines for Coding and Reporting



- Guidelines can be found in front of the ICD-10-CM codebook.
- Guidelines are located in the website:
 - For ICD-9-CM (bottom of this webpage)
<http://www.cdc.gov/nchs/icd/icd10cm.htm>
 - For ICD-10-CM (for each release year)
<http://www.cms.gov/Medicare/Coding/ICD10/2015-ICD-10-CM-and-GEMs.html>

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Questions?

ICD-10



Email: ICD-10Transition@cdc.gov