



## Ministry of Health

### BC Chronic Disease and Selected Procedure Case Definitions

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## **GLOSSARY**

### **Cumulative Prevalence**

It is also known as Prevalence for Life. Cases meet case definition criteria to qualify in a given year, and are then carried forward to show as a case every year thereafter. This measure is helpful for determining prevalence related to life-long chronic disease, but less useful for conditions that may be episodic (e.g., mood disorders, substance use problem, etc.).

### **Episodic Prevalence**

Cases meet case definition criteria to qualify in a given year, and are then carried forward in all subsequent years with at least one condition-related code including ICD diagnostic codes, procedure codes or drugs in any specific year. For some conditions (e.g., Gout/crystal arthropathies), the period for at least one recurring diagnosis is the last five years.

### **Annual Prevalence**

Cases meet case definition criteria to qualify in each given year. Can be used as a quality measure to understand how it compares to cumulative prevalence or how it behaves over time.

### **Annual Service Utilization Prevalence**

Cases meet case definition criteria in a given year by virtue of one hospital diagnosis (MRDX) or one physician claim with diagnosis (first position only). Cases are not carried forward from year to year. This utilization prevalence measure is useful for describing the number of people or proportion of the population using services directly related to the disease.

### **Annual Prevalence with 365 Days follow-up**

Cases meet case definition criteria to qualify in each given year with complete 365 days follow-up time. Can be used as a quality measure to understand how it compares to cumulative prevalence or how it behaves over time.

## CASE DEFINITION – MOOD AND ANXIETY DISORDERS - EPISODIC

Case Definition Type: Cumulative Prevalence  Episodic Prevalence  Annual Prevalence  Annual Service Utilization Prevalence   
Annual Prevalence with 365 Days Follow-up

**Case Definition:** The case definition for Episodic Mood and Anxiety Disorders requires one hospitalization with a mood or anxiety diagnostic code, or two medical visits with a mood or anxiety diagnostic code in one year to qualify, and then for subsequent years, one hospitalization or medical visit with a mood or anxiety diagnostic code to re-qualify. The case definition applies to persons aged 1 and older.

Signed-off BC Case Definition: Yes  - V2017 No

**Algorithm:** 2P1Y (all fields) or 1H (all fields) to qualify, then 1P or 1H (all fields) to re-qualify. (Episodic – see “Case Definition” above.)

**Notes:** This case definition uses the same codes from Canadian Chronic Disease Surveillance System (CCDSS) v2015, in addition to F43 (CCDSS had removed the code recently, but BC Chronic Disease Information Working Group decided to keep it since the code is relevant, and CCDSS is reconsidering adding it back in, along with a corresponding ICD9 code). Data is to be extracted from all diagnostic/MRDx fields (not just first/MRDx). Case criteria are per algorithm noted, above.

Age Restriction: 1+

Data Source(s):

Data Source	ICD Code/Procedure Code/Rx	ICD Code/Procedure Code Position	Diagnosis Type	Hospital Care Level
Hospital ICD-10	F30, F31, F32, F33, F34, F38, F39, F40, F41, F42, F43, F44, F45, F48, F68	First Position Only <input type="checkbox"/> All Positions <input checked="" type="checkbox"/> Others <input type="checkbox"/> N/A <input type="checkbox"/>	M-Most Responsible Diagnosis <input checked="" type="checkbox"/> 1-Pre-Admit Comorbidity <input checked="" type="checkbox"/> 2-Post-Admit Comorbidity <input checked="" type="checkbox"/> 3-Secondary Diagnosis <input checked="" type="checkbox"/> 4-Morphology Code <input checked="" type="checkbox"/> 5-Admitting Diagnosis <input checked="" type="checkbox"/> 6-Proxy Most Responsible Diagnosis <input checked="" type="checkbox"/> 9-External Cause of Injury Code <input checked="" type="checkbox"/> 0-Newborn <input checked="" type="checkbox"/> W,X,Y- Service Transfer Diagnosis <input checked="" type="checkbox"/>	Acute Care <input checked="" type="checkbox"/> Rehabilitation <input checked="" type="checkbox"/> Day Surgery <input checked="" type="checkbox"/>
Hospital ICD-9	296, 300, 311	First Position Only <input type="checkbox"/> All Positions <input checked="" type="checkbox"/> Others <input type="checkbox"/> N/A <input type="checkbox"/>	M-Most Responsible Diagnosis <input checked="" type="checkbox"/> 1-Pre-Admit Comorbidity <input checked="" type="checkbox"/> 2-Post-Admit Comorbidity <input checked="" type="checkbox"/> 3-Secondary Diagnosis <input checked="" type="checkbox"/> 4-Morphology Code <input checked="" type="checkbox"/> 5-Admitting Diagnosis <input checked="" type="checkbox"/>	Acute Care <input checked="" type="checkbox"/> Rehabilitation <input checked="" type="checkbox"/> Day Surgery <input checked="" type="checkbox"/>

			6-Proxy Most Responsible Diagnosis <input checked="" type="checkbox"/> 9-External Cause of Injury Code <input checked="" type="checkbox"/> 0-Newborn <input checked="" type="checkbox"/> W,X,Y- Service Transfer Diagnosis <input checked="" type="checkbox"/>	
Physician Claims ICD-9	296, 300, 311, 50B	First Position Only <input type="checkbox"/> All Positions <input checked="" type="checkbox"/> Others <input type="checkbox"/> N/A <input type="checkbox"/>	N/A	N/A
PharmaNet Drug History	N/A	N/A	N/A	N/A

Diagnostic Code:

ICD-9/10	Description
F30	Manic episode
F31	Bipolar affective disorder
F32	Depressive episode
F33	Recurrent depressive disorder
F34	Persistent mood [affective] disorders
F38	Other mood [affective] disorders
F39	Unspecified mood [affective] disorder
F40	Phobic anxiety disorders
F41	Other anxiety disorders
F42	Obsessive-compulsive disorder
F43	Reaction to severe stress, and adjustment disorders
F44	Dissociative (conversion) disorders
F45	Somatoform disorders
F48	Other neurotic disorders
F68	Other disorders of adult personality & behavior
296	Affective psychoses
300	Neurotic disorders
311	Depressive disorder, not elsewhere classified
MSP DX Code 50B	Anxiety/Depression

Procedure Code: N/A

Drug List: N/A