Ministry of Health

BC Chronic Disease and Selected Procedure Case Definitions

Author: Chronic Disease Information Working Group
Date Created: June 29, 2015
Last Updated: April 4, 2019
Version: v2017
Email: hlth.cdrwg@gov.bc.ca
**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 – Depression - 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 Depression requires one hospitalization or two physician visits in one year with ICD code(s) specified below, followed by further condition-related codes in subsequent years. The case definition applies to persons aged 1 and older.

**Signed-off BC Case Definition:** Yes ☑ - V2017  No □

**Algorithm:** 1H or 2P in 1Y with ICD code(s) specified below. (Episodic – see “Case Definition” above.)

**Notes:** None

**Age Restriction:** Age 1 +

**Data Source(s):**

<table>
<thead>
<tr>
<th>Data Source</th>
<th>ICD Code/Procedure Code/Rx</th>
<th>ICD Code/Procedure Code Position</th>
<th>Diagnosis Type</th>
<th>Hospital Care Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospital ICD-10</td>
<td>F32, F33</td>
<td>First Position Only □ All Positions ☑ Others □ N/A □</td>
<td>M-Most Responsible Diagnosis ☑ 1-Pre-Admit Comorbidity ☑ 2-Post-Admit Comorbidity ☑ 3-Secondary Diagnosis ☑ 4-Morphology Code ☑ 5-Admitting Diagnosis ☑ 6-Proxy Most Responsible Diagnosis ☑ 9-External Cause of Injury Code ☑ 0-Newborn ☑ W,X,Y- Service Transfer Diagnosis ☑</td>
<td>Acute Care ☑ Rehabilitation ☑ Day Surgery ☑</td>
</tr>
</tbody>
</table>

<p>| Hospital ICD-9 | 296, 311 | First Position Only □ All Positions ☑ Others □ N/A □ | M-Most Responsible Diagnosis ☑ 1-Pre-Admit Comorbidity ☑ 2-Post-Admit Comorbidity ☑ 3-Secondary Diagnosis ☑ 4-Morphology Code ☑ 5-Admitting Diagnosis ☑ 6-Proxy Most Responsible Diagnosis ☑ 9-External Cause of Injury Code ☑ 0-Newborn ☑ W,X,Y- Service Transfer Diagnosis ☑ | Acute Care ☑ Rehabilitation ☑ Day Surgery ☑ |</p>
<table>
<thead>
<tr>
<th>Physician Claims ICD-9</th>
<th>296, 311, 50B (see note)</th>
<th>First Position Only □</th>
<th>All Positions ✗</th>
<th>N/A</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>PharmaNet Drug History</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Note: 50B is a BC Specific diagnostic code used by physician billings (MSP). It is used for both anxiety and depression.

Diagnostic Code:

<table>
<thead>
<tr>
<th>ICD-9/10</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F32</td>
<td>Depressive episode</td>
</tr>
<tr>
<td>F33</td>
<td>Recurrent depressive disorder</td>
</tr>
<tr>
<td>296</td>
<td>Affective psychoses</td>
</tr>
<tr>
<td>311</td>
<td>Depressive disorder, not elsewhere classified</td>
</tr>
<tr>
<td>MSP DX Code 50B</td>
<td>Anxiety/Depression</td>
</tr>
</tbody>
</table>

Procedure Code: N/A

Drug List: N/A