British Columbia Chronic Disease Registries (BCCDR) Case Definitions

(Last Update: March 2023)

Population Health Surveillance and Epidemiology Branch
Office of the Provincial Health Officer
British Columbia (BC) Ministry of Health

(Contact: hlth.cdrwg@gov.bc.ca)
# Acute Myocardial Infarction (AMI), Hospitalized

**Case Definition Type:** Health Service Contact Prevalence ☑ Incidence Rate ☑ Lifetime Prevalence ☑

**Case Definition:**
One or more hospitalization with an Acute Myocardial Infarction diagnostic code.

**Signed-off BC Case Definition:** Yes ☑ - V2021  No ☐

**Notes:** None

**Age Restriction:** 20+ years

**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>
</table>
| Hospital ICD-10 | I21  
I22 | 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 ☑ |
| Hospital ICD-9 | 410 | 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 ☑ | Acute Care ☑  
Rehabilitation ☑  
Day Surgery ☑ |
<table>
<thead>
<tr>
<th>Practitioner Claims ICD-9</th>
<th>N/A</th>
<th>First Position Only ☐</th>
<th>N/A</th>
<th>N/A</th>
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<tbody>
<tr>
<td>Practitioner Claims ICD-10</td>
<td>N/A</td>
<td>First Position Only ☐</td>
<td>N/A</td>
<td>N/A</td>
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<td>PharmaNet Drug History</td>
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**Diagnostic Code:**

<table>
<thead>
<tr>
<th>ICD-9/10</th>
<th>Description</th>
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<tbody>
<tr>
<td>I21</td>
<td>Acute Myocardial Infarction</td>
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<tr>
<td>I22</td>
<td>Subsequent myocardial infarction</td>
</tr>
<tr>
<td>410</td>
<td>Acute Myocardial Infarction</td>
</tr>
</tbody>
</table>

**Procedure Code:** N/A

**Drug List:** N/A