



Office of the
Provincial Health Officer

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)

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HYPERTENSION

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

Case Definition:

One or more hospitalization with a hypertension diagnostic code, OR
Two or more physician visits with a hypertension diagnostic code within two years.

Signed-off BC Case Definition: Yes - V2021 No

Notes: Cases of suspected gestational hypertension in women aged 10-54 are not included by excluding hospitalizations and practitioner claims within the time period 120 days preceding or 180 days after hospital records containing birth-related diagnostic codes (see gestational hypertension exclusion codes below).

Age Restriction: 20+ years

Data Source(s):

| Data Source | ICD Code/Procedure Code/Rx | ICD Code/Procedure Code Position | Diagnosis Type | Hospital Care Level |
|-----------------|---------------------------------|--|---|---|
| Hospital ICD-10 | I10 I11 I12 I13 I15 | 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 | 401 402 403 404 405 | 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"/> |

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| | | | | |
|-------------------------------|---------------------------------|--|---|-----|
| | | | 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"/> | |
| Practitioner Claims ICD-9 | 401 402 403 404 405 | 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 |
| Practitioner Claims ICD-10 | I10 I11 I12 I13 I15 | 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 |
|---|--|
| I10 | Essential (primary) hypertension |
| I11 | Hypertensive heart disease |
| I12 | Hypertensive renal disease |
| I13 | Hypertensive heart and renal disease |
| I15 | Secondary hypertension |
| 401 | Essential hypertension |
| 402 | Hypertensive heart disease |
| 403 | Hypertensive renal disease |
| 404 | Hypertensive heart and renal disease |
| 405 | Secondary hypertension |
| Gestational Hypertension Exclusion Codes | |
| 641 | Antepartum haemorrhage, abruptio placentae, and placenta praevia |

Procedure Code: N/A

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Drug List: N/A