



## 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 – ALZHEIMER’S/DEMENTIA

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 Alzheimer’s/dementia requires one hospitalization with an Alzheimer’s/dementia diagnostic code, or three medical visits with an Alzheimer’s/dementia diagnostic code at least 30 days apart in 2 years, or one Alzheimer’s/dementia drug prescription. The case definition applies to persons aged 40 and older.

Signed-off BC Case Definition: Yes  - V2017 No

Algorithm: 3P at least 30D apart in 2Y or 1H or 1Rx (see ICD code(s) and drug code(s) as specified below).

Notes: None

Age Restriction: Age 40 +

Data Source(s):

Data Source	ICD Code/Procedure Code/Rx	ICD Code/Procedure Code Position	Diagnosis Type	Hospital Care Level
Hospital ICD-10	G30, F00, F01, F02, F03	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	046.1, 290, 294, 331.0, 331.1, 331.5	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"/>	Acute Care <input checked="" type="checkbox"/> Rehabilitation <input checked="" type="checkbox"/> Day Surgery <input checked="" type="checkbox"/>

			W,X,Y- Service Transfer Diagnosis <input checked="" type="checkbox"/>	
Physician Claims ICD-9	290, 294, 331	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	See drug list	N/A	N/A	N/A

Diagnostic Code(s):

ICD-9/10	Description
G30	Alzheimer's disease
F00	Dementia in Alzheimer's disease
F01	Vascular dementia
F02	Dementia in other diseases classified elsewhere
F03	Unspecified dementia
046.1	Jakob-Creutzfeldt disease
290	Senile and presenile organic psychotic conditions
294	Other organic psychotic conditions (chronic)
331	Other cerebral degenerations
331.0	Alzheimer's disease
331.1	Pick's disease
331.5	Jakob-Creutzfeldt disease

Procedure Code: N/A

Drug List:

DIN	DRUGNAME
2419866	ACCEL-DONEPEZIL
2419874	ACCEL-DONEPEZIL
2397595	ACT DONEPEZIL
2397609	ACT DONEPEZIL
2397617	ACT DONEPEZIL ODT
2397625	ACT DONEPEZIL ODT
2324059	ACT MEMANTINE
2324067	ACT MEMANTINE
2432684	AG-DONEPEZIL

2432692	AG-DONEPEZIL
2362260	APO-DONEPEZIL
2362279	APO-DONEPEZIL
2293021	APO-GALANTAMINE
2293048	APO-GALANTAMINE
2293056	APO-GALANTAMINE
2366487	APO-MEMANTINE
2336715	APO-RIVASTIGMINE
2336723	APO-RIVASTIGMINE
2336731	APO-RIVASTIGMINE
2336758	APO-RIVASTIGMINE
2232043	ARICEPT
2232044	ARICEPT
2269457	ARICEPT RDT
2269465	ARICEPT RDT
2400561	AURO-DONEPEZIL
2400588	AURO-DONEPEZIL
2425157	AURO-GALANTAMINE ER
2425165	AURO-GALANTAMINE ER
2425173	AURO-GALANTAMINE ER
2427567	AURO-RIVASTIGMINE
2427575	AURO-RIVASTIGMINE
2427583	AURO-RIVASTIGMINE
2427591	AURO-RIVASTIGMINE
2376334	AVA-MEMANTINE 10 MG TABLET
2412853	BIO-DONEPEZIL
2412861	BIO-DONEPEZIL
2295245	CO GALANTAMINE 12 MG TABLET
2295229	CO GALANTAMINE 4 MG TABLET
2295237	CO GALANTAMINE 8 MG TABLET
2447002	DOM-DONEPEZIL
2447010	DOM-DONEPEZIL
2307685	DOM-RIVASTIGMINE
2307693	DOM-RIVASTIGMINE

2307707	DOM-RIVASTIGMINE
2307715	DOM-RIVASTIGMINE
2416417	DONEPEZIL
2416425	DONEPEZIL
2420597	DONEPEZIL
2420600	DONEPEZIL
2421453	DONEPEZIL
2421461	DONEPEZIL
2395584	DONEPEZIL HYDROCHLORIDE
2395592	DONEPEZIL HYDROCHLORIDE
2402645	DONEPEZIL HYDROCHLORIDE TABLETS
2402653	DONEPEZIL HYDROCHLORIDE TABLETS
2413671	DONEPEZIL HYDROCHLORIDE TABLETS USP
2413698	DONEPEZIL HYDROCHLORIDE TABLETS USP
2260638	EBIXA
2425343	ECL-DONEPEZIL
2425351	ECL-DONEPEZIL
2242116	EXELON
2242117	EXELON
2242118	EXELON
2245240	EXELON
2242115	EXELON 1.5 MG
2302853	EXELON PATCH 10
2432803	EXELON PATCH 15
2302845	EXELON PATCH 5
2416573	GALANTAMINE ER
2416581	GALANTAMINE ER
2416603	GALANTAMINE ER
2443015	GALANTAMINE ER
2443023	GALANTAMINE ER
2443031	GALANTAMINE ER
2386011	GD-DONEPEZIL 10 MG TABLET
2386003	GD-DONEPEZIL 5 MG TABLET
2386046	GD-DONEPEZIL RDT 10 MG TABLET

2386038	GD-DONEPEZIL RDT 5 MG TABLET
2398885	IPG-DONEPEZIL
2398893	IPG-DONEPEZIL
2419238	IPG-GALANTAMINE ER
2419246	IPG-GALANTAMINE ER
2419254	IPG-GALANTAMINE ER
2404419	JAMP-DONEPEZIL
2404427	JAMP-DONEPEZIL
2416948	JAMP-DONEPEZIL TABLETS
2416956	JAMP-DONEPEZIL TABLETS
2402092	MAR-DONEPEZIL
2402106	MAR-DONEPEZIL
2420821	MAR-GALANTAMINE ER
2420848	MAR-GALANTAMINE ER
2420856	MAR-GALANTAMINE ER
2409887	MED-MEMANTINE
2409895	MED-MEMANTINE
2401614	MED-RIVASTIGMINE
2401622	MED-RIVASTIGMINE
2401630	MED-RIVASTIGMINE
2401649	MED-RIVASTIGMINE
2349116	MEMANTINE
2443082	MEMANTINE
2446049	MEMANTINE
2425742	MEMANTINE HYDROCHLORIDE TABLETS
2408600	MINT-DONEPEZIL
2408619	MINT-DONEPEZIL
2406985	MINT-RIVASTIGMINE
2406993	MINT-RIVASTIGMINE
2407000	MINT-RIVASTIGMINE
2407019	MINT-RIVASTIGMINE
2359472	MYLAN-DONEPEZIL
2359480	MYLAN-DONEPEZIL
2339439	MYLAN-GALANTAMINE ER

2339447	MYLAN-GALANTAMINE ER
2339455	MYLAN-GALANTAMINE ER
2430371	MYLAN-MEMANTINE
2332809	MYLAN-RIVASTIGMINE
2332817	MYLAN-RIVASTIGMINE
2332825	MYLAN-RIVASTIGMINE
2332833	MYLAN-RIVASTIGMINE
2439557	NAT-DONEPEZIL
2439565	NAT-DONEPEZIL
2321602	NOVO-MEMANTINE 10 MG TABLET
2321599	NOVO-MEMANTINE 5 MG TABLET
2305984	NOVO-RIVASTIGMINE
2305992	NOVO-RIVASTIGMINE
2306018	NOVO-RIVASTIGMINE
2306026	NOVO-RIVASTIGMINE
2316943	PAT-GALANTAMINE ER
2316951	PAT-GALANTAMINE ER
2316978	PAT-GALANTAMINE ER
2427273	PENDO-GALANTAMINE ER
2308169	PHL-RIVASTIGMINE
2308177	PHL-RIVASTIGMINE
2308185	PHL-RIVASTIGMINE
2308193	PHL-RIVASTIGMINE
2322331	PMS-DONEPEZIL
2322358	PMS-DONEPEZIL
2333376	PMS-GALANTAMINE
2333384	PMS-GALANTAMINE
2333392	PMS-GALANTAMINE
2398370	PMS-GALANTAMINE ER
2398389	PMS-GALANTAMINE ER
2398397	PMS-GALANTAMINE ER
2321130	PMS-MEMANTINE
2382830	PMS-MEMANTINE
2306034	PMS-RIVASTIGMINE



2306042	PMS-RIVASTIGMINE
2306050	PMS-RIVASTIGMINE
2306069	PMS-RIVASTIGMINE
2446669	PRIVA-DONEPEZIL
2446677	PRIVA-DONEPEZIL
2381508	RAN-DONEPEZIL
2381516	RAN-DONEPEZIL
2421364	RAN-MEMANTINE
2320908	RATIO-MEMANTINE
2311283	RATIO-RIVASTIGMINE
2311291	RATIO-RIVASTIGMINE
2311305	RATIO-RIVASTIGMINE
2311313	RATIO-RIVASTIGMINE
2244300	REMINYL -(12MG)
2244298	REMINYL -(4MG)
2244299	REMINYL -(8MG)
2244302	REMINYL 4MG/ML SOLUTION
2266717	REMINYL ER
2266725	REMINYL ER
2266733	REMINYL ER
2412918	RIVA-DONEPEZIL
2412934	RIVA-DONEPEZIL
2348950	RIVA-MEMANTINE
2416999	RIVASTIGMINE
2417006	RIVASTIGMINE
2417014	RIVASTIGMINE
2417022	RIVASTIGMINE
2312492	RIVASTIGMINE 1.5 MG CAPSULE
2312506	RIVASTIGMINE 3 MG CAPSULE
2312514	RIVASTIGMINE 4.5 MG CAPSULE
2423413	RIVASTIGMINE 4.6 MG/24HR PATCH
2312522	RIVASTIGMINE 6 MG CAPSULE
2423421	RIVASTIGMINE 9.5 MG/24HR PATCH
2375729	RIVASTIGMINE TARTRATE CAPSULES

2375737	RIVASTIGMINE TARTRATE CAPSULES
2375745	RIVASTIGMINE TARTRATE CAPSULES
2375753	RIVASTIGMINE TARTRATE CAPSULES
2328666	SANDOZ DONEPEZIL
2328682	SANDOZ DONEPEZIL
2367688	SANDOZ DONEPEZIL ODT
2367696	SANDOZ DONEPEZIL ODT
2392283	SANDOZ GALANTAMINE ER
2392291	SANDOZ GALANTAMINE ER
2392305	SANDOZ GALANTAMINE ER
2344807	SANDOZ MEMANTINE
2375532	SANDOZ MEMANTINE FCT
2324563	SANDOZ RIVASTIGMINE
2324571	SANDOZ RIVASTIGMINE
2324598	SANDOZ RIVASTIGMINE
2324601	SANDOZ RIVASTIGMINE
2426307	SANDOZ RIVASTIGMINE PATCH 10
2426293	SANDOZ RIVASTIGMINE PATCH 5
2428482	SEPTA DONEPEZIL
2428490	SEPTA DONEPEZIL
2340607	TEVA-DONEPEZIL
2340615	TEVA-DONEPEZIL
2377950	TEVA-GALANTAMINE ER
2377969	TEVA-GALANTAMINE ER
2377977	TEVA-GALANTAMINE ER
2426943	VAN-DONEPEZIL
2426951	VAN-DONEPEZIL