

Dementia in BC

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Case Definition



One Hospitalization

OR

Two Medical Visits in 365 days



Registry Methods



ICD-9

- 290 Senile and pre-senile organic psychotic conditions
- 294 Other organic psychotic conditions
- 331 Other cerebral degenerations

Registry Methods

ICD-10

- F00 Dementia in Alzheimer's disease
- F01 Vascular Dementia
- F02 Dementia in other diseases classified elsewhere
- F03 Unspecified Dementia



Limitations



- Not validated
- Variations in coding by provider
- ‘Probabilistic registry’- What is the probability that a patient has dementia?

Limitations

- Dementia not often coded as reason for GP visit
- Mild cognitive impairment not often diagnosed or coded
- Doesn't include data for sessional and salaried doctors
- Likely competing chronic conditions coded

Table 1. Dementia Prevalence by Gender and Age in BC, 2003/2004

Age Group	Female Prevalence	Male Prevalence	Female Cases	Male Cases
45-49	0.3%	0.3%	592	558
50-54	0.4%	0.4%	548	567
55-59	0.5%	0.5%	612	658
60-64	0.7%	0.8%	640	756
65-69	1.1%	1.2%	861	958
70-74	2.4%	2.3%	1,712	1,631
75-79	5.2%	4.8%	3,332	2,546
80-84	10.2%	9.1%	5,501	3,366
85+	21.1%	16.5%	11,211	4,437
Total	1.3%	0.8%	27,051	17,568
65+	7.00%	4.90%	22,617	12,938

Figure 1: Dementia Prevalence by Gender and Age Group (2003/2004)

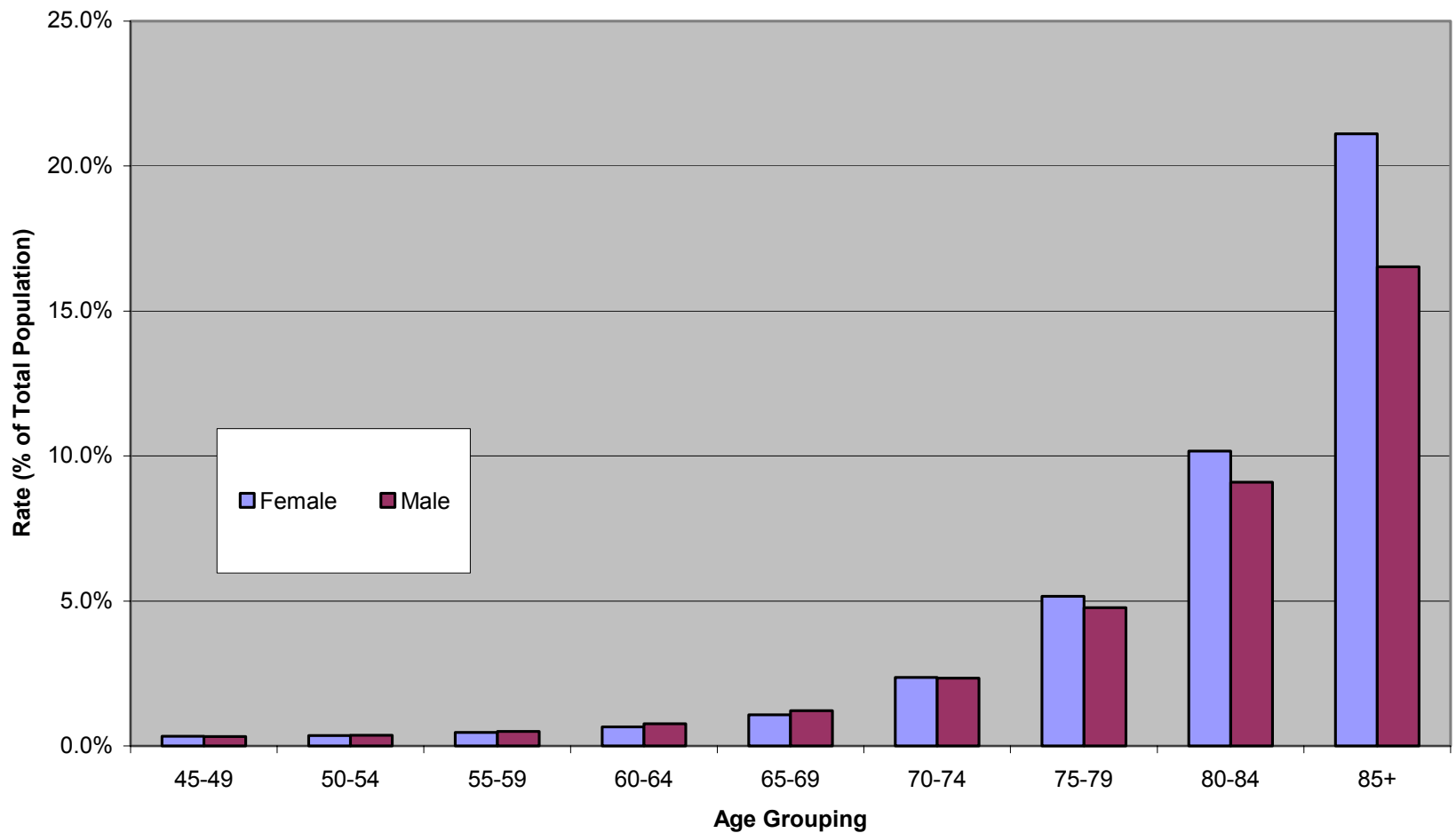


Figure 2: Dementia Incidence by Gender and Age Group 2003/2004

