



Hemisphere Centre for Health & Wellness Inc.

Financial Projections

Life Insurance Business Case

	Data	Calculation	Sources
Number of people aged 65-74	2,677,000	A	Statistics Canada, 2011
1991 data (incidence, not prevalence):			
Number with dementia (diagnosed)	15,000	B	CSHA (The Incidence and Progression of Dementia) Sternberg et al., 2000 (The Prevalence of Dementia - CSHA)
50% undiagnosed	15,000	C	CSHA, 1994 (The Prevalence of Dementia - CSHA)
Estimate dementia total	<u>30,000</u>	D = B + C	
Cognitive Impairment Not Dementia (CIND) factor	2	E	Graham, 1997; Eby, 1995 (Methodological Contributions - CSHA presentation)
CIND	<u>60,000</u>	F = D x E	
Total cognitively impaired in age group	<u>90,000</u>	G = D + F	
Total undiagnosed cognitively impaired in age group	<u>75,000</u>	H = C + F	
% cognitively impaired (new in year)	3.4%	I = G / A	
% undiagnosed (new in year)	2.8%	J = H / A	CIND plus undiagnosed dementia
# applications by individuals aged 65 or older	<u>40,150</u>	K	See calculation included in Insurance Underwriting revenue model
Undiagnosed applicants potentially successful in gaining insurance	<u>1,100</u>	L = J x K	