

Estimated Number of Canadian Risky Gene Carriers

Nov-18

			Risky Gene Carriers		
Description	Statistic	Total	Cancer	No Cancer	Source
Population of Canada		37,067,011			Link
Women	50.4%	18,681,774			Link
Men	49.6%	18,385,237			Link
Breast Cancer					
All diagnoses - women	1 in 8	2,335,222			Link
All diagnoses - men	1.0%	183,852			Link
Hereditary portion - women	10.0%		233,522		Link
Hereditary portion - men	40.0%		73,541		Link
Subtotal		2,519,074	307,063		
Ovarian Cancer					
All diagnoses	1 in 78	239,510			Link
Hereditary portion	20%		47,902		Link
Subtotal			47,902		
Prostate Cancer					
All diagnoses	1 in 7	2,626,462			Link
Hereditary portion	12%		315,175		Link
Subtotal			315,175		
No cancer - women	50.0%			233,522	Link
No cancer - men	83.0%			294,164	Link
Have been or will be diagnosed with hereditary breast, ovarian or prostate cancer			670,141		*
Won't be diagnosed with hereditary breast, ovarian or prostate cancer in their lifetime				670,141	**
TOTAL				1,340,281	***

* There is no way to determine which risky gene carriers will be diagnosed with cancer

** At least half of all risky gene carriers will not be diagnosed with cancer

*** Does not include the additional types of cancer risky gene carriers are susceptible to

