Using Online Tools to Access BC Cancer Registry Data

1. Overview:

This guide provides some basic step-by-step instructions on how to access BC Cancer Registry data through online tools. At present the instructions are limited to data compiled within the Canadian Cancer Registry and made available through Statistics Canada's CANSIM tables. Although this guide is meant to facilitate access to BC Cancer Registry data, data from other Canadian jurisdictions can be accessed through these tools by making appropriate region selections.

2. Accessing CANSIM tables:

CANSIM is Statistics Canada's main online sociodemographic database and is available via the web at:

http://www5.statcan.gc.ca/cansim/a01?lang=eng

From this main nage	one can enter the number	of a specific CANSIM	table directly	into the search har.
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; releases		Statistics Canada encourages the downloading and reuse of its data. Full dataset downloads are available in CANSIM - see the download tab on any CANSIM table. Please note that the high volume harvesting of data using data scraping techniques or automated crawlers which do not conform to industry best practices cannot be supported. When such activity is detected, continued access to our online content will be denied. If you require assistance or for further information please <u>Contact us</u> .
	\langle	Search CANSIM Enter your search terms, CANSIM table or series number(s All of these words • Search
		Combine series Advanced Search

Some select CANSIM tables that contain summaries useful to those generating cancer information can be found in the table below; these include tables related to new case counts, cancer rates, cancer deaths and survival.

Table Number	Description
<u>103-0550</u>	<i>Crude Cancer Incidence Data</i> : can provide both counts of new cases and crude rates (by region, age group, sex and cancer type)
<u>103-0553</u>	<i>Age-Standardized Cancer Incidence</i> : can provide new case counts and age- standardized rates (by region, sex and cancer type)– 1991 Population Standard
<u>103-0554</u>	<i>Age-Standardized Cancer Incidence</i> : can provide new case counts and age- standardized rates (by region, sex and cancer type) – 2011 Population Standard
<u>102-0522</u>	<i>Number of Deaths – Neoplasms</i> : can provide annual number of cancer deaths for Canada by age, sex and cancer site
<u>102-0551</u>	<i>Deaths and Mortality Rates</i> : can provide annual deaths and crude mortality rates for Canada by age, sex, cause of death
<u>103-1571</u> <u>103-1572</u>	<i>Age-standardized 5-year Relative Survival</i> : provides survival estimates (observed and relative) by cancer, sex, year, province [different tables take different windows of years to include]
<u>103-1569</u>	5-year Relative Survival by Age: provides data by cancer site, age, sex for Canada
<u>051-0001</u>	Population Estimates : Population by province, age, year and sex – useful for generating ASMR's, expected cases by age, etc.

3. Obtaining Information on New Cancer Cases:

As an example, suppose we wanted to generate annual counts of new cancers cases for colorectal, prostate, and lung cancers for British Columbian men between 2008 and 2012. The following steps would produce a table of these statistics:

Step 1: enter table number 103-0550 into the search bar and hit search:

103-0550 All of these words	Sear

This will yield the following default table summary:

ew cases of printary cancer (r	based on the May 2015 CCR tabulation file), I	by cancer t	ype, age	group a	na sex, C	anada,
rovinces and territories						
nnual						
Data table Add/Remove data Manipulat	te Download Related information Help					
ne data below is a part of CANSIM table 10	3-0550. Use the <u>Add/Remove data</u> tab to customize your table					
Selected items [Add/Remove data]						
Age group = Total, all ages						
Sex = Both sexes						
Primary types of cancer (ICD-O-3) ^{2, 3, 9}	= Total, all primary sites of cancer					
Geography	Characteristics 17, 18, 19	2008	2009	2010	2011	2012
	Number of new cancer cases	166,155	170,535	171,940	176,660	175,310
Canada	Number of new cancer cases New cancer cases (rate per 100,000 population)	166,155 499.8	170,535 507.1	171,940 505.6	176,660 515.6	175,310 506.7
Canada	Number of new cancer cases New cancer cases (rate per 100,000 population) Number of new cancer cases	166,155 499.8 3,065	170,535 507.1 3,125	171,940 505.6 3,155	176,660 515.6 3,275	175,310 506.7 3,225
Canada Newfoundland and Labrador ^{3, 20}	Number of new cancer cases New cancer cases (rate per 100,000 population) Number of new cancer cases New cancer cases (rate per 100,000 population)	166,155 499.8 3,065 599.2	170,535 507.1 3,125 604.8	171,940 505.6 3,155 604.4	176,660 515.6 3,275 623.8	175,310 506.7 3,225 612.1
Canada Newfoundland and Labrador ^{5, 20}	Number of new cancer cases New cancer cases (rate per 100,000 population) Number of new cancer cases New cancer cases (rate per 100,000 population) Number of new cancer cases	166,155 499.8 3,065 599.2 820	170,535 507.1 3,125 604.8 830	171,940 505.6 3,155 604.4 810	176,660 515.6 3,275 623.8 865	175,310 506.7 3,225 612.1 880
Canada Newfoundland and Labrador ^{5, 20} Prince Edward Island	Number of new cancer cases New cancer cases (rate per 100,000 population) Number of new cancer cases New cancer cases (rate per 100,000 population) Number of new cancer cases	166,155 499.8 3,065 599.2 820 590.9	170,535 507.1 3,125 604.8 830 593.2	171,940 505.6 3,155 604.4 810 571.7	176,660 515.6 3,275 623.8 865 600.5	175,310 506.7 3,225 612.1 880 605.8
Canada Newfoundland and Labrador ^{5, 20} Prince Edward Island	Number of new cancer cases New cancer cases (rate per 100,000 population) Number of new cancer cases New cancer cases (rate per 100,000 population) Number of new cancer cases New cancer cases (rate per 100,000 population) New cancer cases (rate per 100,000 population) New cancer cases (rate per 100,000 population) Number of new cancer cases New cancer cases (rate per 100,000 population)	166,155 499.8 3,065 599.2 820 590.9 590.5	170,535 507.1 3,125 604.8 830 593.2 5,525	171,940 505.6 3,155 604.4 810 571.7 5,845	176,660 515.6 3,275 623.8 865 600.5 5,715	175,310 506.7 3,225 612.1 880 605.8 5,975

This is a good start, however we need to change some of the parameters in order to obtain the specific cancers, sex and region of interest. To make changes to the default table, click the "Add/Remove data" tab under the title:

Table 103-0550 <u>1</u> , <u>2</u> , <u>3</u> , <u>21</u>
New cases of primary cancer (based on the
provinces and territories
annual
Data table Add/Remove data Manipulate Download
The data below is a part of CANSIM table 103-0550. Use the
Selected items [Add/Remove data]

This will bring up several selection menus that one can make changes to in order to enter the specific criteria for a desired custom summary table.

Step 2: The first of these is "geography" which can be changed from the default to only "BC". You will have to uncheck "Canada" if you do not want this in the final summary:

Step (14 o	Step 1- Select: Geography (14 of 14 items selected)							
Use ti	ne following checkboxes to select/deselect items from the list below:							
	Canada							
	Newfoundland and Labrador 5, 20							
	Prince Edward Island							
	🗌 Nova Scotia							
	New Brunswick							
	Quebec ^{5, 20, 22}							
	Ontario ^{5, 20}							
	Manitoba							
	Saskatchewan							
	Alberta							
	British Columbia							
	Vukon							
	Northwest Territories ⁸							
	Nunavut ⁸							

Leave the age group selector alone as we do not wish to subset to specific age groups or see summaries by age group.

Step 3: From the "Select Sex" menu select only "Males":



Step 4: From the cancer menu, select the three cancers of interest. You will have to scroll through the list to identify them. The list is ordered by ICDO-3 site code and can be expanded using the "expand" feature. Select "Colon and rectum", "prostate" and "lung and bronchus" from the list:

Step 4- S (1 of 58 ite	elect: Primary types of cancer (ICD-O-3) ² , <u>3</u> , <u>9</u> ms selected)
Use the foll	owing checkboxes to select/deselect items from the list below:
П	otal, all primary sites of cancer
(Lip [C00.0-C00.9] 10
(Tongue [C01.9-C02.9] 10
(Salivary gland [C07.9-C08.9] 10
(Floor of mouth [C04.0-C04.9] 10
(Gum and other mouth [C03.0-C03.9, C05.0-C05.9, C06.0-C06.9] 10
(Nasopharynx [C11.0-C11.9] 10
(Oropharynx [C10.0-C10.9] 10
(Hypopharynx [C12.9, C13.0-C13.9] <u>10</u>
(Other oral cavity and pharynx [C09.0-C09.9, C14.0-C14.8] 10
(Esophagus [C15.0-C15.9] 10
(Stomach [C16.0-C16.9] 10
6	Small intestine [C17.0-C17.9] ¹⁰
6	Colon and rectum [C18.0-C18.9, C19.9, C20.9, C26.0] 10
	Colon excluding rectum [C18.0-C18.9, C26.0] 10
	Rectum and rectosigmoid [C19.9, C20.9] ¹⁰
(Anus, anal canal and anorectum [C21.0-C21.8] 10
(Liver [C22.0] 10
(Gallbladder [C23.9] 10
(Pancreas [C25.0-C25.9] 10
(Other digestive system [C22.1, C24.0-C24.9, C26.8-C26.9, C48.0-C48.8] 10
(Larynx [C32.0-C32.9] 10
	Lung and bronchus [C34.0-C34.9] 10
(Other respiratory system [C30.0-C30.1, C31.0-C31.9, C33.9, C38.1-C38.8, C39.0-C39.9] 10
6	Bones and joints [C40 0-C41 9] 10

Step 5: Since we do not want crude cancer rates we can uncheck the "New cancer cases (rate per 100,000)" option from "Characteristics".

The time frame is currently equal to our desired year range and can be left unchanged:

Step	6 - Sele	ect t	he tim	ne fram	е	
By defa	ult, only	data	for the	most red	ent j	periods available w
From :	2008	•	To :	2012	•	(Annual data)

Step 6: All selections have been made and we can now hit "apply" at the bottom of the page:



The following table will appear now on the Data Table tab with the custom data table requested.

rovinces and territories			5 .	· · · · ·	
nnual					
ata table Add/Remove data Manipulate Download Related information Help					
e data below is a part of CANSIM table 103-0550. Use the <u>Add/Remove data</u> tab to cust	tomize your table.				
Selected items [Add/Remove data]					
Selected items [Add/Remove data] Seography = British Columbia					
Selected items [Add/Remove data] Seography = British Columbia Gyg group = Total, all ages Law = Males					
Selected items [Add/Remove data] Seography = British Columbia Gyg group = Total, all ages siex = Males Characteristics ^{12, 18, 19} = Number of new cancer cases (number)					
Selected items [Add/Remove data] Seography = British Columbia Age group = Total, all ages siex = Males Characteristics 12, 18, 19 = Number of new cancer cases (number)					
Selected items [Add/Remove data] Geography = British Columbia Gyg group = Total, all ages Sex = Males Characteristics ^{12,} 18, 19 = Number of new cancer cases (number) Primary types of cancer (ICD-O-3) ^{2,} 3, 9	2008	2009	2010	2011	2012
Selected items [Add/Remove data] Geography = British Columbia Age group = Total, all ages sex = Males characteristics ^{12, 18, 19} = Number of new cancer cases (number) Primary types of cancer (ICD-O-3) ^{2, 3, 9} Colon and rectum [C18.0-C18.9, C19.9, C20.9, C26.0] ¹⁰	2008 1,450	2009 1,495	2010 1,465	2011 1,525	2012 1,600
Selected items [Add/Remove data] Geography = British Columbia type group = Total, all ages Siex = Males Characteristics ¹⁷ , ¹⁸ , ¹⁹ = Number of new cancer cases (number) Primary types of cancer (ICD-O-3) ² , ³ , ⁹ Colon and rectum [C18.0-C18.9, C19.9, C20.9, C26.0] ¹⁰ Lung and bronchus [C34.0-C34.9] ¹⁰	2008 1,450 1,470	2009 1,495 1,470	2010 1,465 1,440	2011 1,525 1,455	2012 1,600 1,475

The custom summary can be downloaded as a CSV file (which can be opened in Excel, R, SAS, etc) using the "*Download*" tab. It is worth noting that within the tab there are two options: 1) download data and 2) download entire table. The former will download the summary you have in the "Data Table" tab and the latter will download a massive table of all possible data. Generally we want to download with the former option.

When exported into a CSV file this final product should look like this:

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	Cipboard		FUIL	19	Alignment	181	Number	-	~			Styles	
	A	в	C		D		E	F	G	н	1	J	ĸ
1	Table 103-0550 N	ew cases of prim	ary cancer (k	based on the May	2015 CCR tabulation file)	, by cancer typ	e, age group	and sex, O	Canada, pr	ovinces an	d territorie	s, annual(1,2,3,21)
2	Survey or progra	m details:											
3	Canadian Cancer	Registry - 3207											
4	Geography	Age group	Sex	Primary types of	cancer (ICD-O-3) (2,3,9)		Characteri	2008	2009	2010	2011	2012	
5	British Columbia	Total, all ages	Males	Colon and rectur	n [C18.0-C18.9 C19.9 C20.	9 C26.0] (10)	Number o	1450	1495	1465	1525	1600	
5	British Columbia	Total, all ages	Males	Lung and bronch	us [C34.0-C34.9] (10)		Number o	1470	1470	1440	1455	1475	
7	British Columbia	Total, all ages	Males	Prostate [C61.9]	(10)		Number o	3215	3230	3105	3475	3165	
3	Footnotes:												
9	1	Data sources inc	lude Statisti	cs Canada's Canad	lian Cancer Registry (CCR) Database (so	urce: http://	www23.st	atcan.gc.ca	a/imdb/p2	SV.pl?Fund	tion=getS	urvey&SDDS
.0	2	World Health Or	ganization, I	International Clas	sification of Diseases for	Oncology, Thi	rd Edition (IC	CD-O-3) an	d the Inter	rnational A	gency for F	Research o	n Cancer (IA
.1	3	Cancer incidence	e refers to n	ew primary sites o	of malignant neoplasms.	The Canadian	Cancer Regis	try (CCR) i	s a dynam	ic database	e that can b	e updated	with new re
2		The table was as	and a second	a de la Crossa il la seco	Control and a low second Const.	Desults (CCCD)	Consume from F				and Classif	and an all	D:

4. Generating Age-Specific Rates for a Specific Cancer

Suppose we wanted to generate the age-specific rates (per 100,000 of population) for female thyroid cancer in BC. We can start with the same Step 1 above by using CANSIM table 103-0550 however we need to amend the selection criteria.

Step 2: Since we have selected BC as the region above, leave the geography set to only "BC". Next amend the age group selection by selecting all age groups – this can be facilitated by clicking the third box along the top of the age groups:



Step 3: Edit the "Sex" selection to say "Females".

Step 4: Edit the cancer type to "Thyroid C73.9".

Step 5: Edit the "Characteristics" to "New cancer cases (rate per 100,000)".

Step 6: Hit "Apply" at the bottom of the page.

This should yield the following summary data in the "Data Table" tab:

Age group	2008	2009	2010	2011	2012
0 to 4 years	0.0	0.0	0.0	0.0	0.0
5 to 9 years	0.0	0.0	0.0	0.0	0.0
10 to 14 years	4.1	0.0	0.0	0.0	0.0
15 to 19 years	0.0	0.0	3.7	0.0	3.7
20 to 24 years	3.4	6.8	6.6	6.7	3.3
25 to 29 years	6.8	13.0	12.6	6.3	12.6
30 to 34 years	14.2	10.4	6.8	16.8	19.5
35 to 39 years	16.2	16.4	13.2	20.1	20.2
40 to 44 years	12.0	15.3	12.3	12.2	24.5
45 to 49 years	22.0	16.3	19.2	16.9	23.0
50 to 54 years	20.5	28.8	17.1	16.8	19.5
55 to 59 years	10.0	9.8	19.2	12.5	18.3
60 to 64 years	19.9	15.2	14.5	24.5	20.8
65 to 69 years	15.9	15.2	14.6	18.7	13.0
70 to 74 years	13.2	12.9	12.6	12.1	23.3
75 to 79 years	15.3	15.3	15.3	15.1	14.8
80 to 84 years	9.5	9.5	18.9	0.0	18.4
85 years and over	0.0	9.0	8.7	0.0	8.1
Age group, not stated					

This table can be exported as above using the "Download" tab and imported into other statistical packages for further use as required.

5. Generating Data to Examine Trends in Age-Standardized Rates

Suppose one wanted to again look at rates of a specific cancer (melanoma) but age-standardized to the 1991 Canadian Population and produce a trend series from 1992 to 2011. Suppose again that we are looking only at BC data and would like to plot the series for both males and females separately. As of data year 2013, Statistics Canada have made the official population standard for their health statistics the 2011 Canadian population; to use this standard in place of the 1991 one shown in this example, replace the CANSIM table number by 103-0554.

Step 1: Enter table 103-0553 into the CANSIM search tab from Section 3 above. This will result in the following default summary table being generated:

Table 103-0553 1, 2, 3, 26						
New cases and age-standar	dized rate for primary cancer (based on the May 2015 C	CR tabu	lation f	ïle), by	cancer	type an
sex, Canada, provinces and	territories					
annual						
Data table Add/Remove data Mani	pulate Download Related information Help					
The data below is a part of CANSIM table	e 103-0553. Use the <u>Add/Remove data</u> tab to customize your table.					
Selected items [Add/Remove data]					
Census population structure = 1991	Census population structure ¹⁸	2000	2000	2010	2011	2012
Geography	Characteristics 20, 22, 23	2008	2009	2010	2011	2012
Canada	Number of new cancer cases	166,155	170,535	171,940	176,660	175,310
Cuntuu	New cancer cases (age-standardized rate per 100,000 population) $\frac{24}{24}$	402.3	402.6	396.3	397.6	384.4
Newfoundland and Labrador ⁵ / ²⁵	Number of new cancer cases	3,065	3,125	3,155	3,275	3,225
	New cancer cases (age-standardized rate per 100,000 population) $^{\underline{24}}$	449.7	441.7	436.7	439.4	424.7
Drinco Edward Island	Number of new cancer cases	820	830	810	865	880
FINCE Edward Island	New cancer cases (age-standardized rate per 100,000 population) $^{\underline{24}}$	438.0	423.8	412.8	419.7	424.9
Nous Costin	Number of new cancer cases	5,565	5,525	5,845	5,715	5,975
NOVA SCOLLA	New cancer cases (age-standardized rate per 100,000 population) $\frac{24}{24}$	434.3	422.0	438.4	423.4	430.2
	Number of new cancer cases	4.545	4.520	4,480	4.515	4.505

Step 2: From the "Add/Remove data" tab, de-select "both sexes" from the "Sex" selector and instead select "Males" and "Females":

Step 2- Select: Sex (1 of 3 items selected)
Use the following checkboxes to select/deselect items fro
 AII Both sexes ✓ Males ✓ Females

Step 3: From the type of cancer selector choose "Melanomas of the skin".

Step 4: From the "Characteristics" selector choose "New cancer cases (age-standardized rate per 100,000)" from the choices. De-select any other choices that are selected by default.

Step 5: From the time frame change both years to "1992" and "2011" respectively and then hit "Apply" at the bottom of the screen.

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The following data summary will appear in the "Data table" tab:

ew case	s and	age-	standa	ardize	d rate	tor p	rimar	y can	cer (b	ased	on the	e may	2015	CCR	tabula	ition t	ile), b	y can	cer ty	pe a
ex, Cana	ada, p	rovino	ces ar	ıd teri	ritorie	S														
nnual																				
ata table	Add/Re	emove d	ata Ma	anipulate	e Dow	nload	Related	informa	tion H	lelp										
e data belo	w is a pa	art of CA	ANSIM ta	able 103	3-0553.	Use the	Add/Re	emove d	<u>ata</u> tab	to custo	mize yo	ur table								
Selected i	tems [<u>A</u>	dd/Rer	nove da	ita]																
Selected i	tems [A = British	dd/Rer	<u>nove da</u> pia	<u>ita]</u>																
Selected i eography rimary typ	tems [A = British es of ca	udd/Ren 1 Columb ncer (I	<u>nove da</u> bia CD-O-3)	<u>1ta]</u>) ^{2, 3, 10}	= Melar	10mas of	[;] the ski	n [C44.0)-C44.9,	M-8720	-M-8790]								
Selected if eography rimary typ ensus pop	tems [A = British es of ca ulation	dd/Ren 1 Columb Incer (I structu	nove da bia CD-O-3) re = 199	1ta]) 2, 3, 10)1 Censu	= Melar 15 popula	10mas of ation str	f the ski ucture ¹¹	n [C44.0)-C44.9,	M-8720	-M-8790]								
Selected if eography rimary typ ensus pop haracteris	tems [<u>A</u> = British bes of ca pulation tics ^{20, 2}	n Columb ncer (I structu 22, 23 =	move da bia CD-O-3) re = 199 New car	1ta]) 2, 3, <u>10</u> 91 Censu Icer case	' = Melar .is popula es (age-	10mas of ation str standard	f the ski ucture ¹¹ ized rate	n [C44.0 8 e per 10)-C44.9, 0,000 pc	M-8720 opulation	-M-8790 1) ²⁴]								
Selected i eography rimary typ ensus pop haracteris Sex	tems [A = British bes of ca bulation stics ^{20, 2}	Add/Rer 1 Columb 1 Colum	nove da bia CD-O-3 re = 199 New car 1994	ata]) 2, 3, <u>10</u> 91 Censu ncer case 1995	= Melar .is popul es (age- 1996	nomas of ation str standard 1997	f the ski ucture ¹¹ lized rati 1998	n [C44.0 8 e per 10 1999)-C44.9, 0,000 pc 2000	M-8720 opulation 2001	-M-8790 1) ²⁴ 2002	2003	2004	2005	2006	2007	2008	2009	2010	201
Selected if eography rimary typ ensus pop haracteris Sex Males	tems [A = British pes of ca pulation ;tics ^{20, 2} 1992 13.6	1 Columb Incer (I structu 22, 23 = 1993 13.6	nove da bia CD-O-3 re = 199 New can 1994 13.5	13.5	= Melar us popul es (age- 1996 14.3	nomas of ation str standard 1997 15.2	f the ski ucture <u>1</u> lized rate 1998 13.3	n [C44.0 8 e per 100 1999 13.2)-C44.9, 0,000 pc 2000 13.2	M-8720 opulation 2001 16.8	-M-8790 1) ²⁴ 2002 15.0] 2003 15.8	2004 15.5	2005 14.3	2006 15.2	2007 17.2	2008 16.8	2009 18.0	2010 15.9	201 17

When downloading trend data, there are options as to how the data by year are exported. The default is "time as columns" which will produce a CSV file that has rows for males/females and the rates for each year are provided in columns with a column title for each year selected:

	Clipboard	5	Font 5	Alignme	ent G	Numb	er G				Styles					Cells		
	Α	В	C	D	E	F	G	н	Ι	J	К	L	M	N	0	Ρ	Q	F
1	Table 103-0553 Ne	w cases and a	ge-standardized rate for	primary cancer (base	d on the May 2015 CCF	R tabulation	n file), by c	ancer type	and sex, C	anada, pro	vinces and	l territorie	s, annual(1	,2,3,26)				
2	Survey or program	n details:																
з	Canadian Cancer	Registry - 3207																
4	Geography	Sex	Primary types of cancer	Census population st	Characteristics (20,22,	, 1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	1
5	British Columbia	Males	Melanomas of the skin	1991 Census populat	New cancer cases (ag	e 13.6	13.6	13.5	13.5	14.3	15.2	13.3	13.2	13.2	16.8	15	15.8	1
6	British Columbia	Females	Melanomas of the skin	1991 Census populat	New cancer cases (ag	e 12.4	12.6	11.9	11.4	11.4	12	10.4	9.6	10.9	12.7	12.5	12.5	1
7	Footnotes:																	
8	1	Data sources i	include Statistics Canada	a's Canadian Cancer Re	egistry (CCR) Database	(source: h	ttp://www	23.statcan	.gc.ca/imdl	p/p2SV.pli	Function=	getSurvey	SDDS=32	07&Item Id	=1633&lan	g=en), and	Demogra	aphy C

For certain applications, it might be preferable to have the rates for each year appear in the rows of the table with columns for males and females. To produce such a table, one can toggle the dropdown on the download tab that defaults to "time as columns" to "time as rows":



which will yield the following final summary in the CSV file:

	Clipboard	Fail Font	Ea	1
	Α	В	С	D
1	Table 103-0553 Ne	v cases and age-standa	ardized rate for pr	imary cancer
2	Survey or program	details:		
3	Canadian Cancer R	egistry - 3207		
4	Geography	British Columbia	British Columbia	
5	Sex	Males	Females	
6	Primary types of ca	Melanomas of the skin	Melanomas of th	e skin [C44.0
7	Census population	1991 Census population	1991 Census pop	ulation struct
8	Characteristics	New cancer cases (age	New cancer cases	s (age-standa
9	1992	13.6	12.4	
10	1993	13.6	12.6	
11	1994	13.5	11.9	
12	1995	13.5	11.4	
13	1996	14.3	11.4	
14	1997	15.2	12	
15	1998	13.3	10.4	
16	1999	13.2	9.6	
17	2000	13.2	10.9	
18	2001	16.8	12.7	
19	2002	15	12.5	
20	2003	15.8	12.5	
21	2004	15.5	12.2	
22	2005	14.3	12.7	
23	2006	15.2	12.1	
24	2007	17.2	13.4	
25	2008	16.8	14.8	
26	2009	18	13	
27	2010	15.9	14.5	
28	2011	17.3	15.9	
29	Footnotes:			