SURREY'S

VitalSigns®

2014 SOURCES

September 12, 2014



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Demographics and Introduction (XI)

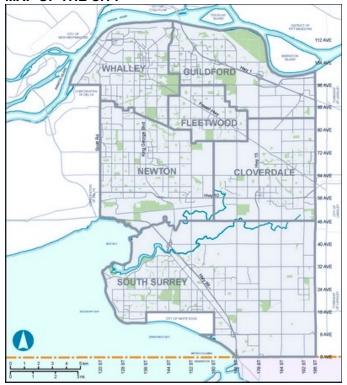
SURREY IS ONE OF THE FASTEST GROWING CITIES IN CANADA.

Population estimates (M = Male, F = Female)

Area	2001	2006	Growth rate 2001 to 2006 %	Surrey as % of BC	2011	Growth rate 2006 to 2011 %	Surrey as % of BC
Surrey	347,820	394,980	13.6		468,245	18.6	
		M = 194,715			M = 231,565		
		F = 200,265			F = 236,680		
ВС	3,907,738	4,113,487	5.3	9.6	4,400,057	7.0	10.6
Canada		31,612,897			33,476,688	5.9	

Source: Census 2001, Census 2006, NHS2011

MAP OF THE CITY



Source: City of Surrey (http://www.surrey.ca/business-economic-development/1417.aspx)

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CITY OF SURREY NEIGHBOURHOOD POPULATION ESTIMATES AND PROJECTIONS, GROWTH RATES, AND POPULATION ESTIMATES AS PERCENTAGES

Neighbourhood	2009 population (estimated)	2014 population (projected)	Growth rate over a 5 year period (from 2009 to 2014) (% change)	Percentage of Surrey's 2014 population (projected)
Surrey	465,800	509,610	9.4	
Cloverdale	60,540	69,310	14.5	13.6
Fleetwood	56,400	59,750	6.0	11.7
Guildford	59,760	62,380	4.4	12.2
Newton	119,730	132,550	11.0	26.0
South Surrey	74,980	84,040	12.0	16.5
Whalley, including City Centre	94,390	101,580	7.6	20.0

Source: City of Surrey

MEDIAN AGE OF POPULATION IN YEARS

Area	2001	2006	2011
Surrey	35.6	37	37.5
ВС	38.4	40.8	41.9
Canada	37.6	39.5	40.6

Source: Census 2001, Census 2006, NHS2011

PERSONS AGED 14 AND YOUNGER AS PERCENTAGE OF THE POPULATION

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Area	2001 % of total population	2006 % of total population	2011 % of total population	Percentage change 2006 to 2011			
Surrey	21.6	20.1	19.0	11.6			
ВС	18	16.5	15.4	-0.3			
Canada	19	18	16.7				

Source: Census 2001, Census 2006, NHS2011

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PERSONS AGED 65 AND OVER AS PERCENTAGE OF THE POPULATION

Area	2001 % of total population	2006 % of total population	2011 % of total population	Percentage change 2006 to 2011
Surrey	11	11.5	12.1	24.7
ВС	14	13.8	15.7	14.8
Canada	13	14	14.8	

Source: Census 2001, Census 2006, NHS2011

GENERATIONS IN CANADA, TOTAL POPULATION IN PRIVATE HOUSEHOLDS

Area	First generation (% of pop)	Second generation (% of pop)	Third generation or more (% of pop)
Surrey	193,730 (42%)	126,500 (27%)	143,110 (31%)
вс	1,272,685 (29%)	1,013,335 (23%)	2,038,435 (47%)
Canada	7,217,300 (22%)	5,702,725 (17%)	19,932,300 (61%)

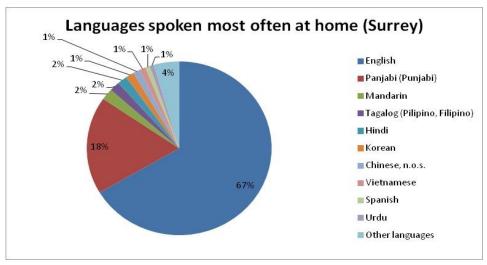
Source: NHS2011

VISIBLE MINORITIES AS A PERCENTAGE OF THE TOTAL POPULATION

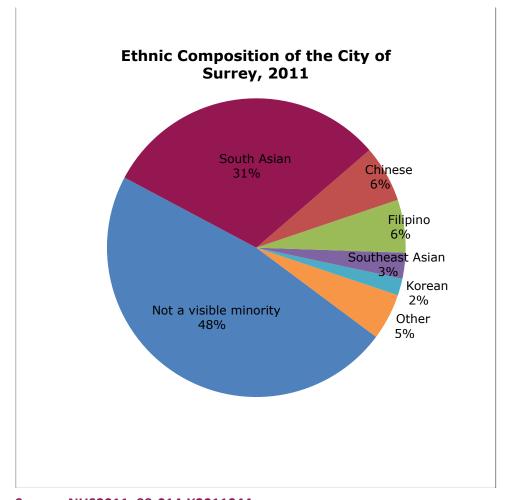
Area	2001	2006	2011
	% of total population	% of total population	% of total population
Surrey	36.5	45.8	52.6
ВС		24.5	27.3
Canada			19.1

Source: Census 2001, Census 2006, NHS2011

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Source: NHS2011, 99-014-X2011044



Source: NHS2011, 99-014-X2011044

Demographics: Works cited in this section

City of Surrey. Population Estimates & Projections.

http://www.surrey.ca/business-economic-development/1418.aspx

City of Surrey. Land Use Inventory Report.

http://www.surrey.ca/files/SurreyLUI2010Rprt.pdf

Statistics Canada. 2011 National Household Survey: Income and Housing, 99-014-X2011044 for Surrey (5915004) CY.

Statistics Canada. NHS Profile: Surrey, CY.

http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-csd-eng.cfm? LANG=Eng&GK=CSD&GC=5915004

Statistics Canada. 2006 Community Profiles: Surrey, CY.

http://www12.statcan.gc.ca/census-recensement/2006/dp-pd/prof/92-591/details/page.cfm?
B1=All&Code1=5915004&Code2=59&Custom=&Data=Count&Geo1=CSD&Geo2=PR&Lang=E&SearchPR=01&SearchText=Surrey&SearchType=Begins

Statistics Canada. Focus on Geography Series, 2011 Census, Province of British Columbia.

http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-pr-eng.cfm? Lang=Eng&GC=59

Statistics Canada. 2011 Census of Canada: Topic-based tabulations, Age (131) and Sex (3) for the Population of Canada, Provinces, Territories, Census Divisions, Census Subdivisions and Dissemination Areas, 2011 Census.

http://www12.statcan.gc.ca/census-recensement/2011/dp-pd/tbt-tt/Rp-eng.cfm?

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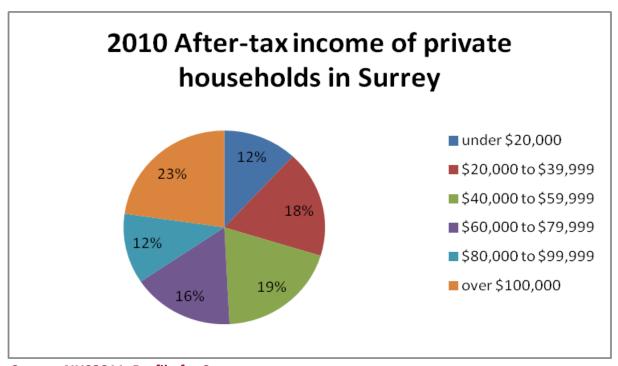
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Statistics Canada. 2001 Census of Canada. http://www12.statcan.ca/english/profil01/CP01/Details/Page.cfm?

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Poverty and Standard of Living (I)



Source: NHS2011, Profile for Surrey

MEDIAN AFTER-TAX INCOME

Area	2005 income of all private households, adjusted to 2010 (non-adjusted 2005 income in brackets) (\$)	2010 income of all private households (\$)
Cloverdale	68,199 (62,741)	73,376
South Surrey	65,274 (60,050)	67,866
Fleetwood	62,978 (57,938)	64,845
Newton	58,170 (53,514)	61,210
Guildford	50,846 (46,777)	55,089
Whalley	54,210 (49,871)	49,470
% difference between top and bottom neighbourhood	34%	48%
Surrey average	57,530 (52,926)	61,023
ВС	(46472) 50,515	54,379
Canada	(46584) 50,637	54,089

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Sources: City of Surrey Sustainability Dashboard, data from Census 2006 and NHS2011

MEDIAN AFTER-TAX INCOME OF SINGLE-PARENT FAMILIES

Area	Percentage of families headed by single parent in 2011	2005 income adjusted to 2010 (non-adjusted 2005 income in brackets) (\$)	2010 income (\$)	Percentage change (%) between 2005 adjusted income and 2010 income
Surrey	14.9	37,732 (34,712)	41,198	9%
ВС	15.3	36,340 (33,431)	40,646	12%
Canada	16.3	37,181 (34,205)	42,401	14%

Source: Census 2006, NHS 2011

PERCENTAGE OF HOUSEHOLDS UNDER THE LOW-INCOME MEASURE (M = MALE, F = FEMALE)

Area	After-tax LIM overall poverty rate %	After-tax LIM child poverty rate, age less than 18 years (%)	After-tax LIM poverty rate, age less than 6 years (%)	After-tax LIM elderly poverty rate, age 65 years and older (%)
Surrey	15.5	18.7	17.8	12.2
	M = 14.9, F = 16.1	M = 18.4, F = 19	M = 17.7, F = 17.9	M = 10.3, F = 13.9
ВС	16.4	19.1		13.9
Canada	14.9	17.3		13.4

Source: NHS 2011

PERCENTAGE OF HOUSEHOLDS BELOW THE LOW-INCOME MEASURE FOR SURREY

Year	Population	After-tax LIM overall poverty rate (%)	After-tax LIM child poverty rate, age less than 18 years (%)
2005	394,976	13.6 M = 13.1, F = 14.1	17.3 M = 17.3, F = 17.4
		IVI – 13.1, F – 14.1	IVI – 17.3, F – 17.4
2010	463,340	15.5	18.7
		M = 14.9, F = 16.1	M = 18.4, F = 19

Source: NHS 2011 and Census 2006

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FOOD BANK STATISTICS FROM 2013 HUNGER REPORT AND LOCAL ORGANIZATIONS

Area	Individuals	Population (%)	Families	Under 18 years (%)	First time (%)	Working income (%)	Disability (%)	Social assistance %
Surrey	13,855	(based on a population of 500,000) 2.6	5,083	18 to 41	10 to 51	0 to 17	24	20
ВС	94,002	2.03	44,750	29.5	6.6	10		
Canada	833,098	2.38	348,210	36.4	9.4	11.5		

Source: 2013 Hunger Report and local food banks

Poverty and standard of living: Works cited in this section

City of Surrey. Sustainability Dashboard.

http://dashboard.surrey.ca/#economy/householdincome

Food Bank Canada. 2013 Hunger Report. http://www.foodbankscanada.ca/FoodBanks/MediaLibrary/ HungerCount/HungerCount2013.pdf

Muslim Food Bank. Provided statistics.

Sources BC. Provided statistics.

Statistics Canada. NHS Profile: Surrey, CY.

http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-csd-eng.cfm?LANG = Eng&GK = CSD&GC = 5915004

Statistics Canada. 2006 Community Profiles: Surrey, CY.

http://www12.statcan.gc.ca/census-recensement/2006/dp-pd/prof/92-591/details/page.cfm?

B1 = All&Code1 = 5915004&Code2 = 59&Custom = &Data = Count&Geo1 = CSD&Geo2 =

PR&Lang = E&SearchPR = 01&SearchText = Surrey&SearchType = Begins

Statistics Canada. Focus on Geography Series, 2011 Census, Province of British Columbia. http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-pr-eng.cfm?Lang = Eng&GC = 59

Statistics Canada. 2011 Census of Canada: Topic-based tabulations, Age (131) and Sex (3) for the Population of Canada, Provinces, Territories, Census Divisions, Census Subdivisions and Dissemination Areas, 2011 Census.

http://www12.statcan.gc.ca/census-recensement/2011/dp-pd/tbt-tt/Rp-eng.cfm?LANG = E&APATH = 3&DETAIL = 0&DIM = 0&FL = A&FREE = 0&GC = 0&GID = 0&GK = 0&GRP = 1&PID = 101998&PRID = 0&PTYPE = 101955&S = 0&SHOWALL = 0&SUB = 0&Temporal = 2011&THEME = 88&VID = 0&VNAIMEE = &VNAMEF =

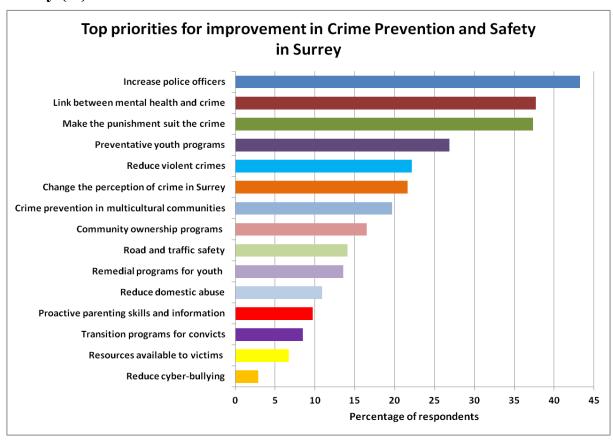
Statistics Canada. NHS Profile, Canada, 2011.

http://www12.statcan.gc.ca/nhs-enm/2011/dp-pd/prof/details/page.cfm?Lang = E&Geo1 = PR&Code1 = 01&Data = Count&SearchText = Canada&SearchType = Begins&SearchPR = 01&A1 = All&B1 = All&Custom = &TABID = 1

Surrey Food Bank. Provided statistics.

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Safety (II)



Source: Surrey's Vital Signs 2014 Survey

INCIDENCE OF CRIME RATE PER 100,000 POPULATION

Area	2009	2010	2011	2012	2013	Percentage difference 2009–2013
Surrey	10,784.7	10,139.5	9,907.6	9,701.4	9,603.5	-11.0
ВС	10,294.9	9,814.3	9,307.6	9,067.7	8,592.6	-16.5
Canada	n/a	n/a	n/a	n/a	5,968.0	n/a

Source: Uniform Crime Reporting Survey

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INCIDENCE OF VIOLENT CRIME RATE PER 100,000 POPULATION

Area	2009	2010	2011	2012	2013	Percentage change 2009– 2013
Surrey	1,872.8	1,774.9	1,588.2	1,476.7	1,174.7	-37.3
ВС	1,689.0	1,592.9	1,487.5	1,406.6	1,261.6	-25.3
Canada	1,318.0	1,287.0	1,231.0	1,190.0	1,092.0	-17.1

Source: Uniform Crime Reporting Survey

VIOLENT CRIME SEVERITY INDEX

Area	2009	2010	2011	2012	2013
Surrey	155.7	150.3	133.0	122.1	114.3
ВС	112.8	104.0	96.0	91.1	81.5
Canada					73.7

Source: Uniform Crime Reporting Survey

NON-VIOLENT CRIME SEVERITY INDEX

Area	2009	2010	2011	2012	2013
Surrey	124.7	114.5	115.3	113.4	114.2
ВС	111.5	104.2	96.8	96.3	91.8
Canada					66.8

Source: Uniform Crime Reporting Survey

PROPERTY CRIME RATE INCIDENCE PER 100,000 POPULATION

Area	2009	2010	2011	2012	2013	Percentage change 2009–2013
Surrey	5,998.0	5,539.1	5,628.8	5,760.6	5,847.6	-2.5
ВС	5,593.1	5,192.1	4,776.8	4,791.1	4,567.6	-18.4
Canada					3,146.0	

Source: Uniform Crime Reporting Survey

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INCIDENCE OF VEHICLE THEFT PER 100,000 POPULATION

Area	2009	2010	2011	2012	2013	Percentage change 2009– 2013
Surrey	839.6	658.4	581.0	622.6	594.9	-29
ВС	443.3	357.5	292.7	276.6	252.8	-42
Canada	320	271	239	225	207	-35

Source: Uniform Crime Reporting Survey

YOUTH CRIME RATE (YOUTH CHARGED PER 100,000 POPULATION, AGED 12 TO 17)

Area	2009	2010	2011	2012	2013	Percentage change 2009–2013
Surrey	1,495.2	1,530.7	1,304.5	888.2	936.7	-37
ВС	2,258.5	2,168.3	1,813.9	1,652.2	1,454.9	-36
Canada					2,447	

Source: Uniform Crime Reporting Survey

POLICE OFFICERS PER 100,000 POPULATION

Area	2009	2010	2011	2012 2013		2013 percentage difference
Surrey	131	138	134	137	136	n/a
ВС	196	198	199	196	193	-29.7
Canada	200	203	202	200	197	-31.1

Source: Statistics Canada, CANSIM Table 254-0004



OTHER 2013 CRIME RATES PER 100,000 POPULATION

	Surrey	ВС
Homicide	5.06	1.66
Break and Enter	823.11	621.09
Identity Fraud	58.33	50.04
Weapons Violations	65.82	75.16
Impaired Driving	254.59	303.91
Drug Violations	479.40	575.84
Youth Criminal Justice	6.28	27.48

Source: Uniform Crime Reporting Survey

Safety: Works cited in this section

Community Foundations of Canada. The Centre for the Study of Living Standards. Statistics Canada.

CANSIM Table 252-0051 for 1998-2013 CMA data. Data by police service are available by province (CANSIM Tables 252-0075 - 252-0082). Data are based on the Uniform Crime Reporting Survey.

RCMP in Surrey. 2013 Crime Statistics Reports. http://surrey.rcmp-grc.gc.ca/ViewPage.action?siteNodeId = 103&languageId = 1&contentId = 30188

Statistics Canada. Uniform Crime Reporting Survey: Table 252-0089 Crime severity index and weighted clearance rates, by police service, British Columbia, annual (index unless otherwise noted).

http://www5.statcan.gc.ca/cansim/a05?searchTypeByValue = 1&lang = eng&id = 2520089&pattern = 2520089

Statistics Canada. Uniform Crime Reporting Survey: Table 252-0081 Incident-based crime statistics, by detailed violations and police services, British Columbia, annual (number unless otherwise noted). http://www5.statcan.gc.ca/cansim/a05?searchTypeByValue = 1&lang = eng&id = 2520081&pattern = 2520081

Statistics Canada. Table 254-0004. Police personnel and selected crime statistics, municipal police services, annual. http://www5.statcan.gc.ca/cansim/a26?lang = eng&retrLang = eng&id = 2540004&pattern = police&tabMode = dataTable&srchLan = -1&p1 = 1&p2 = 50



Health and Well-Being (III)

PERCEIVED VERY GOOD OR EXCELLENT HEALTH, AGE 12 AND OLDER (PERCENTAGE)

Area	2009	2010	2011	2012	2013
South Fraser	58.0	61.8	59.6	62.0	58.0
ВС	58.6	60.6	60.9	60.0	58.5
Canada	60.5	60.1	59.9	59.9	59.4

Source: Canadian Health Indicator Profile

SELF-REPORTED OVERWEIGHT OR OBESE, AGED 18 AND OLDER (PERCENTAGE)

Area	2009	2010	2011	2012	2013
South Fraser	51.8	44.3	49.1	48.9	44.5
ВС	45.1	44.4	46.6	46.5	46.9
Canada	51.6	52.3	52.1	52.5	53.6

Source: Canadian Health Indicator Profile

SELF-REPORTED MODERATE OR ACTIVE PHYSICAL ACTIVITY DURING LEISURE TIME, AGE 12 AND OLDER (PERCENTAGE)

	2009	2010	2011	2012	2013
South Fraser	53.6	54.7	55.8	55.9	64.4
ВС	60.3	58.3	59.6	61.3	64.0
Canada	52.5	52.1	53.8	53.9	55.2

Source: Canadian Health Indicator Profile

SELF-REPORTED CONSUMPTION OF 5 OR MORE FRUITS AND VEGETABLES PER DAY, AGE 12 AND OLDER (PERCENTAGE)

	2009	2010	2011	2012	2013
South Fraser	45.0	41.1	40.1	38.7	36.6
ВС	45.7	42.3	40.7	42.1	40.7
Canada	45.6	43.3	40.4	40.6	40.8

Source: Canadian Health Indicator Profile



SELF-REPORTED CURRENT SMOKER, AGED 12 AND OLDER (PERCENTAGE)

	2009	2010	2011	2012	2013
South Fraser	13.3	14.2	12.0	10.9	12.3
ВС	16.0	17.4	15.8	14.5	16.2
Canada	20.1	20.8	19.9	20.3	19.3

Source: Canadian Health Indicator Profile

SELF-REPORTED HEAVY DRINKERS (CONSUMED 5 OR MORE DRINKS ON ONE OCCASION AT LEAST ONCE A MONTH IN THE LAST YEAR) AGED 12 AND OLDER (PERCENTAGE)

*In 2013 the definition of heavy drinkers was changed to match the World Health Organization definition. The percentages for 2013 cannot be compared to other years.

	2008	2009	2010	2011	2012	2013*
South Fraser	12.9	14.8	14.5	13.8	13.4	17.5
ВС	15.5	16.1	15.7	16.6	16.1	17.4
Canada	16.7	17.2	17.3	19.0	17.4	18.9

Source: Canadian Health Indicator Profile

SELF-REPORTED VERY GOOD OR EXCELLENT MENTAL HEALTH, AGED 12 AND OLDER (PERCENTAGE)

	2009	2010	2011	2012	2013
South Fraser	73	70.3	65.6	66.3	67.9
ВС	70.4	71.6	69.7	67.8	67.1
Canada	73.9	73.9	72.6	71.7	71.1

Source: Canadian Health Indicator Profile

SELF-REPORTED STRESS LEVEL PERCEIVED AS "QUITE A LOT," AGED 15 AND OLDER (PERCENTAGE)

	2009	2010	2011	2012	2013
South Fraser	20.4	27.7	17.8	18.6	17.9
ВС	20	22.8	20.4	21.5	22.1
Canada	23.2	23.5	23.6	22.7	23.0

Source: Canadian Health Indicator Profile

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SUPPLY, DISTRIBUTION AND MIGRATION OF CANADIAN PHYSICIANS

Area	2008 number of family doctors	2012 number of family doctors	2012 number of family doctors per 100,000 population	2008 number of specialist doctors	2012 number of specialist doctors	number of specialist doctors per 100,000 population
Surrey (South Fraser HSDA)	520	613	83	333	371	50
ВС			122			99
Canada			109			106

Source: Canadian Institute for Health Information

NURSES IN 2011 PER 100,000 POPULATION

Area	Registered nurses	2011 licensed practical nurses	Psychiatric nurses
Surrey (South Fraser HDSA)	407	144	45
BC ("direct care" total)	534	180	45
Canada	671	237	43

Source: Canadian Institute for Health Information, Canadian Trends 2007 to 2011

Health and well-being: Works cited in this section

- Canadian Institute for Health Information. Supply, Distribution and Migration of Canadian Physicians 2012. https://secure.cihi.ca/estore/productFamily.htm?locale = en&pf = PFC2352
- Canadian Institute for Health Information. *Regulated Nurses: Canadian Trends, 2007 to 2011.* https://secure.cihi.ca/free_products/Regulated_Nurses_EN.pdf
- Statistics Canada. Canadian Health Indicator Profile: Table 105-0501. http://www5.statcan.gc.ca/cansim/a26?lang = eng&retrLang = eng&id = 1050501&tabMode = dataTable&srchLan = -1&p1 = -1&p2 = 9
- Surrey Memorial Foundation. Surrey Health Campus. https://www.smhfoundation.com/sites/smhfoundation.com/files/file_upload/acrobat/NEW_Fact_Sheets/
 Surrey Memorial Hospital Campus Fact Sheet -120612.pdf
- Surrey Memorial Foundation. *Number of Babies born at SMH*. https://www.smhfoundation.com/sites/smhfoundation.com/files/file_upload/acrobat/NEW_Fact_Sheets/
 https://www.smhfoundation.com/sites/smh



Learning (IV)

FULL-TIME EQUIVALENT FUNDED ENROLLMENT

Area	2009/10	2010/11	2011/12	2012/13	2013/14	% growth 2009 to 2013
Surrey	67,851	69,254	70,081	69,239	69,372	2.24
ВС	555,706	555,072	555,377	546,832	543,034	-2.28

Source: Ministry of Education

COMPLETION RATES FOR HIGH SCHOOL (PERCENTAGE OF POPULATION OVER 24 YEARS OLD)

Area	2006	2011
Surrey	14.9	12.7
ВС	12.4	10.1
Canada	15.4	12.7

Source: Census 2006, NHS2011

HIGHEST EDUCATION OF THOSE AGED 25 TO 65 YEARS (PERCENTAGE OF POPULATION)

Area	Surrey 2006 (population: 214,870)	Surrey 2011 (population: 256,930)	BC 2011 (population: 2,451,615)
No certificate, diploma or degree	15	12.7	10
High school certificate or equivalent	n/a	29	25
Apprenticeship or trades certificate or diploma	11	9.2	11
College, CEGEP or other non-university certificate or diploma	18.6	18	19
University certificate or diploma below the bachelor level	7	7.7	6
University certificate, diploma or degree, bachelor level or above	19.6	23.7	27

Source: Census 2006, NHS2011

Learning: Works cited in this section

- Ministry of Education. School Information. http://www.bced.gov.bc.ca/apps/imcl/imclWeb/ SchoolContacts.do?distNo = 036&distName = Surrey
- Ministry of Education. Completion rates for BC in 2013 from Six-Year Completion and Grade 12

 Graduation Rates 2012/13. http://www.bced.gov.bc.ca/reports/pdfs/graduation/prov.pdf
- Ministry of Education. completion rates for Surrey in 2013 from Six-Year Completion and Grade 12 Graduation Rates 2012/13. http://www.bced.gov.bc.ca/reports/pdfs/graduation/036.pdf
- Ministry of Education. FTE information from British Columbia School District Revenue and Expenditure Report. Table 1 FTE Funded Enrollment. http://www.bced.gov.bc.ca/accountability/district/revenue/1415/pdf/table01.pdf
- Reynolds, Sheila. Number of portable classrooms in Surrey from *Surrey School District facing \$8.5M* budget shortfall. Surrey North Delta Leader May 22, 2014.
- http://www.surreyleader.com/news/260193691.html
- Statistics Canada. NHS Profile: Surrey, CY. http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-csd-eng.cfm?LANG = Eng&GK = CSD&GC = 5915004
- Statistics Canada. 2006 Community Profiles: Surrey, CY. <a href="http://www12.statcan.gc.ca/census-recensement/2006/dp-pd/prof/92-591/details/page.cfm?B1 = All&Code1 = 5915004&Code2 = 59&Custom = &Data = Count&Geo1 = CSD&Geo2 = PR&Lang = E&SearchPR = 01&SearchText = Surrey&SearchType = Begins
- Statistics Canada. Focus on Geography Series, 2011 Census, Province of British Columbia. http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-pr-eng.cfm?Lang = Eng&GC = 59
- Statistics Canada. NHS Profile, Canada, 2011. Found at http://www12.statcan.gc.ca/nhs-enm/2011/dp-pd/prof/details/page.cfm?Lang = E&Geo1 = PR&Code1 = 01&Data = Count&SearchText =

 Canada&SearchType = Begins&SearchPR = 01&A1 = All&B1 = All&Custom = &TABID = 1

Housing (V)

GROSS SHELTER-TO-INCOME RATIO 2010 (PERCENTAGE OF POPULATION

Area	Households spending 30% or more of their income on rent	Households spending 30% or more of their income on owner's payments
Surrey	37.7	27.3
ВС	45.3	23.8
Canada	40.1	18.5

Source: NHS2011

SURREY AREA MEDIAN PRICES (IN DOLLARS)

Neighbourhood	Apartment April 2013	Apartment April 2014	Townhouse April 2013	Townhouse April 2014	Detached April 2013	Detached April 2014
White Rock/ South Surrey	255,000	285,000	420,000	424,900	821,000	878,000
Central	200,000	200,000	319,450	319,450	568,000	570,000
Cloverdale	190,000	222,000	319,500	349,500	538,000	580,000
North	200,000	194,200	270,000	336,228	485,000	525,000

Source: Fraser Valley Real Estate Board, Monthly Statistics Package, April 2014, MLS Summary

SURREY RENTS (IN DOLLARS)

Туре	October 2012	October 2013	Unadjusted increase (%)
Bachelor	614	632	3
1 bedroom	723	751	4
2 bedroom	886	921	4
3+ bedroom	1105	1158	6

Source: Fall 2013 CMHC Rental Market Report - Vancouver and Abbotsford-Mission CMAs



SURREY RENTAL VACANCY RATE

Туре	October 2012	October 2013	Change (%)
Bachelor	3.5	1.4	- 60
1 bedroom	5.2	5.1	-2
2 bedroom	6.5	3.5	-46
3+ bedroom	7.2	5.4	-25

Source: Fall 2013 CMHC Rental Market Report - Vancouver and Abbotsford-Mission CMAs

SURREY SOCIAL HOUSING WAITLIST

	2009	2010	2011	2012	2013	Increase (%)
Family	498	589	652	664	631	27
Single Person	70	84	105	88	86	
Seniors	154	195	226	227	266	
Persons with disabilities	169	195	233	261	276	
Wheelchair accessible unit	14	39	52	65	62	
All	905	1,102	1,268	1,305	1,321	46

Source: Metro Vancouver Housing Data Book 2014, Section 3.5

Housing: Works cited in this section

Canadian Mortgage and Housing Corporation. Rental Market Report. Date released Fall 2013. http://www.cmhc-schl.gc.ca/odpub/esub/64467/64467 2013 A01.pdf

Fraser Valley Real Estate Board. Monthly Statistics Package. April 2014. http://www.fvreb.bc.ca/statistics/ Package%20201404.pdf

Metro Vancouver. Metro Vancouver Housing Data Book. Revised March 2014. http://www.metrovancouver.org/about/publications/Publications/MV Housing Data Book.pdf

Statistics Canada. NHS Profile: Surrey, CY. http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-csd-eng.cfm?LANG = Eng&GK = CSD&GC = 5915004



Getting Started (VI)

ORIGIN OF THOSE WHO MIGRATED TO SURREY 2011

Area	Lived outside of Surrey in the previous year	Lived outside of Surrey in the previous 5 years
Surrey	Within the province: 16,195 Within Canada: 2,925 Outside of Canada: 6,015	Within the province: 44,655 Within Canada: 9,520 Outside of Canada: 29,905
ВС	Within Canada: 45,105 Outside of Canada: 56,425	Within Canada: 166,450 Outside of Canada: 213,050

Source: NHS2011

TOP 10 COUNTRIES OF BIRTH IN 2011 (EXCLUDING CANADA)

Country	In household (%)
India	15
Philippines	4
China	2
United Kingdom	2
Fiji	2
Korea	1
Taiwan	1
Vietnam	1
Pakistan	1
United States	1

Source: NHS2011

SURREY UNEMPLOYMENT RATES

Group	2006 (%)	2011 (%)
Immigrants who have been in Canada for less than 5 years	9.7	13
Immigrants who have been in Canada for more than 5 years	5.6	8
Total population	5.7	7.9

Source: City of City Sustainability Dashboard

Getting started: Works cited in this section

City of Surrey. Sustainability Dashboard. Found at http://dashboard.surrey.ca/#economy/ householdincome

Kwantlen Polytechnic University. Statistics provided.

Ministry of Advanced Education. Education costs. From http://www.aved.gov.bc.ca/tuition/welcome.htm

Simon Fraser University. Statistics provided.

Simon Fraser University. Enrollment Statistics from Enrollment Dashboard. http://www.sfu.ca/irp/enrollmentS/EnrollmentDashboard.html

Statistics Canada. 2011 National Household Survey: Income and Housing, 99-014-X2011044 for Surrey (5915004) CY.

Surrey Board of Trade. Can the Future Learn in Surrey and in the South Fraser? http://www.businessinsurrey.com/storage/advocacy_docs/Post%20Secondary%20Education %20Paper-1.pdf

Welcoming Communities Project. Refugee newcomers in Surrey: Changing Faces and Neighbourhoods 2010-2012. http://www.wicsurrey.org/sites/wicsurrey.org/files/file_upload/
Refugee Newcomers in Surrey-Changing Faces and Neighbourhoods.pdf



Arts and Culture (VII)

CANADIAN PUBLIC LIBRARY STATISTICS 2012

Area	Registered users (% of population)	Visits per capita	Circulation per capita	Expenditure per capita	Population per library
Surrey	33.9	5.2	8.8	34.8	52,594
ВС	37.6	6.8	9.1	55.0	18,622
Canada	42.9 (mean)	5.9 (median)	11.4 (median)	44.7 (median)	30,171 (mean)

October 7, 2014

Source: Canadian Urban Libraries Council

SURREY LIBRARIES STATISTICS 2007–2012

Year	Population	Registered users (% of population)	Annual in- person visits	Visits per capita	Circulation per capita	Expenditure per capita (unadjusted) (\$)
2007	402,281	59.3	2,399,787	5.96	9.77	29.71
2008	424,044	61.0	2,636,764	6.22	10.37	29.39
2009	434,033	65.0*	2,505,555	5.77	9.44	30.49
2010	446,670	33.8	2,437,539	5.46	9.02	28.05
2011	462,454	34.6	2,354,105	5.09	8.90	33.30
2012	473,347	33.9	2,451,807	5.18	8.77	34.80

Source: Data BC

EMPLOYMENT IN CULTURAL INDUSTRIES 2011

Area	Professional occupations in arts and culture	Technical occupations in arts, culture, recreation and sport	Arts, entertainment and recreation (NAICS)*	Arts, culture, recreation, and sport (% of total employment)
Surrey	1,695	3,450	4,265	2.09
ВС	n/a	n/a	n/a	3.41
Canada	n/a	n/a	n/a	2.86

^{*}North American Industry Classification System

Source: Centre for the Study of Living Standards



APPROXIMATE ATTENDANCE AT CULTURAL EVENTS

Event	Attendance	Location	Date
Canada Day Celebrations	100,000	Cloverdale Millennium Amphitheatre	July 1
Fusion Festival	90,000	Holland Park	Third weekend of July
Party for the Planet	20,000	Plaza at City Hall	Earth Day (April 22) weekend
Tree Lighting Festival	15,000	Central City Plaza	Fourth Saturday of November
Doors Open		Multiple locations	Third Saturday of June
Surrey International Children's Festival			Third weekend of May
Surrey Fest Downtown		Central City Plaza and North Surrey Recreation Centre	Second Saturday of June
Surrey Greek Food Festival		132 Street and 96th	Second week of June
Newton Community Festival		Newton Recreation Centre	Third Saturday of June
Vaisakhi Parade	200,000	Starts at Gurdwara Dashmesh Darbar Temple (12885 85th	Vaisakhi Day
Surrey Festival of Dance		Surrey Arts Centre	March through April
Cloverdale Rodeo	86,000	Cloverdale Rodeo and Fairgrounds	Long weekend of May
Fleetwood Festival		Fleetwood Community Centre	Second Saturday of September

Source: Tourism Surrey and City of Surrey

Arts and culture: Works cited in this section

Canadian Urban Libraries Council. *Canadian Public Library Statistics*. http://www.culc.ca/cms_lib/2012%20Canadian%20Public%20Library%20Statistics.pdf

Centre for the Study of Living Standards. Data provided.

City of Surrey. Provided information.

Data BC. *BC Public Library Statistics*. http://www.data.gov.bc.ca/dbc/catalogue/detail.page?config dbc&P110 = recorduid:178444&recorduid = 178444&title = BC%20Public%20Libraries w20Statistics,%202002-2012

Surrey Libraries. Annual Report 2013. http://www.surreylibraries.ca/files/AnnualReport2013.pdf

Tourism Surrey. Information on festivals. http://www.tourismsurrey.com/festivals/

Environment (VIII)

Environment: Works cited in this section

City of Surrey. Provided information.

City of Surrey. Sustainability Dashboard. Found at http://dashboard.surrey.ca/#water and waste

City of Surrey. Information on individual parks at *Parks in Surrey*. http://www.surrey.ca/culture-recreation/2015.aspx

Metro Vancouver. Tynehead Regional Park at http://www.metrovancouver.org/services/parks_lscr/ regionalparks/Pages/Tynehead.aspx

Metro Vancouver (Greater Vancouver Regional District). *Tynehead Regional Park Management Plan.*2004. http://www.metrovancouver.org/about/publications/Publications/
TyneheadManagementPlan.pdf

Ministry of Agriculture. *Land Use Inventory Report: City of Surrey, Summer 2010*. Ref. No. 800.510-36.2013. http://www.al.gov.bc.ca/resmgmt/sf/gis/lui_reports/Surrey2010 ALUIReport complete.pdf



Economy and Work (IX)

2011 UNEMPLOYMENT AND PARTICIPATION RATES (M = MALE, F = FEMALE)

Area	Unemployment	Participation
Surrey	7.9 (M = 7.4, F = 8.6)	65.6 (M = 71, F = 60)
ВС	7.8 (M = 8.1, F = 7.4)	64.6 (M = 68, F = 60)
Canada	7.8 (M = 8.0, F = 7.4)	66.0 (M = 71, F = 62)

Source: NHS2011

MEDIAN AND AVERAGE EMPLOYMENT INCOME 2010 (\$)

Area	Median	Average
Surrey	45,642	53,208
ВС	49,143	58,016
Canada	47,868	58,129

Source: NHS2011

WORKING POOR (FULL-TIME EMPLOYEES NOT MAKING A LIVING WAGE) 2011 (% OF FULL-TIME **WORKERS)**

Area	Earning less than \$20,000 for full-time work	Earning less than \$30,000 for full-time work
Surrey	40.1	53.9
ВС	37.9	51.4
Canada	36.0	50.1

Source: Centre for Study of Living Standards.

PRE-TAX FAMILY INCOME 2010 (\$)

Area	Median	Average		
Surrey	92,446	78,283		
ВС	91,967	75,797		
Canada	94,125	76,511		

Source: NHS2011

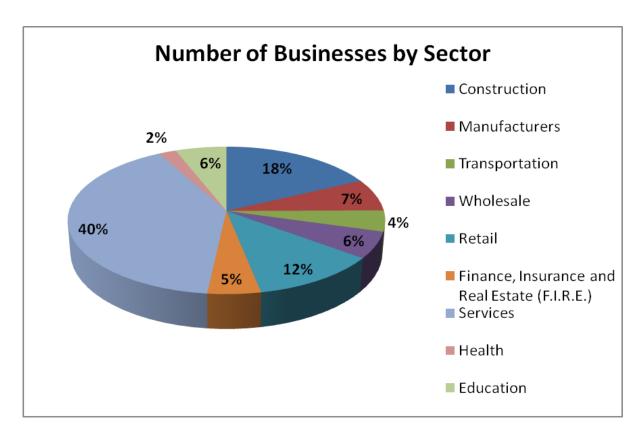
SURREY EMPLOYMENT INDUSTRY TYPES AND POPULATIONS

Industry type*	Population over age 15 in industry	Percentage of population in industry
44-45 Retail trade	28,050	11.71
62 Health care and social assistance	23,500	9.81
31-33 Manufacturing	22,260	9.30
23 Construction	21,685	9.06
48-49 Transportation and warehousing	19,950	8.33
72 Accommodation and food services	16,130	6.74
54 Professional, scientific, and technical services	14,535	6.07
61 Educational services	13,860	5.79
41 Wholesale trade	12,295	5.13
81 Other services (except public administration)	12,295	5.13
56 Administrative and support, waste management		
and remediation services	12,275	5.13
91 Public administration	11,615	4.85
52 Finance and insurance	9,550	3.99
11 Agriculture, forestry, fishing, and hunting	5,240	2.19
51 Information and cultural industries	5,065	2.12
Total	228,305	100

^{*}North American Industry Classification System

Source: NHS2011

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Source: City of Surrey, Sustainability Dashboard

Economy and work: Works cited in this section

Centre for the Study of Living Standards. Data provided.

City of Surrey. Sustainability Dashboard. http://dashboard.surrey.ca/#economy/business

City of Surrey. Largest employers. Found in 2013 Annual Report Highlight. http://www.surrey.ca/files/2013 COS Annual Report HIGHLIGHTS web(1).pdf

Statistics Canada. NHS Profile: Surrey, CY. http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-csd-eng.cfm?LANG = Eng&GK = CSD&GC = 5915004

Statistics Canada. Focus on Geography Series, 2011 Census, Province of British Columbia. http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-pr-eng.cfm?Lang=Eng&GC=59

Statistics Canada. 2001 Census of Canada. http://www12.statcan.ca/english/profil01/CP01/Details/
Page.cfm?Lang = E&Geo1 = CSD&Code1 = 5915004&Geo2 = PR&Code2 = 01&Data = Count&SearchText = surrey&SearchType = Begins&SearchPR = 01&B1 = All



Belonging and Leadership (X)

SELF-IDENTIFIED "STRONG" OR "SOMEWHAT STRONG" SENSE OF COMMUNITY BELONGING (%)

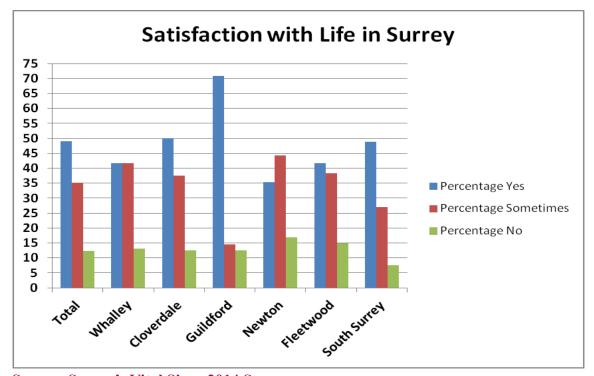
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Area	2009	2010	2011	2012	2013
Surrey (Fraser South HSDA)	65.3	71.9	62.1	66.7	72.6
ВС	68.9	69.7	69	67.6	70.4
Canada	65.4	65.4	64.8	66.1	65.9

Source: Canadian Health Indicator Profile

SELF-IDENTIFIED AS "SATISFIED" OR "VERY SATISFIED" WITH LIFE (%)

Area	2009	2010	2011	2012	2013
Surrey (Fraser South HSDA)	89.0	91.0	93.7	89.2	94.2
ВС	90.9	91.5	91.9	92.4	91.2
Canada	92.1	92.1	92.3	92.4	91.7

Source: Canadian Health Indicator Profile



Source: Surrey's Vital Signs 2014 Survey



FEDERAL ELECTION VOTER TURNOUT (%)

Area	2008	2011	
Surrey	59.9	58.7	
ВС	60	60.4	
Canada	58.8	61.1	

Source: Elections Canada

PROVINCIAL ELECTION VOTER TURNOUT (%)

Area	2013
BC overall	57.10
Surrey overall	54.85
Cloverdale	57.40
Fleetwood	55.40
Green Timbers	51.70
Newton	52.00
Panorama	57.30
Tynehead	51.60
Whalley	45.60
South Surrey/White Rock	64.60

Source: Elections BC

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Belonging and leadership: Works cited in this section

Elections BC. Data from 40th General Election. http://www.elections.bc.ca/docs/rpt/2013GE/SRC.pdf

Elections Canada. Data from 41st General Election – Poll-by-Poll Results – Raw Data. http://www.elections.ca/scripts/resval/ovr 41ge.asp?ddlEDRes prov = 59&lang = e

Elections Canada. Data from 40th General Election – Poll-by-Poll Results – Raw Data. http://www.elections.ca/scripts/resval/ovr 40ge.asp?prov = &lang = e

CivicInfoBC. BC Municipal Voter Turnout Calculations - November 19, 2011. http://www.civicinfo.bc.ca/ Library/Elections/BC Voter Turnout%20--%20Elections%20BC%20--2011.pdf

Statistics Canada. Canadian Health Indicator Profile: Table 105-0501. http://www5.statcan.gc.ca/cansim/a26?lang = eng&retrLang = eng&id = 1050501&tabMode = dataTable&srchLan = -1&p1 = -1&p2 = 9



Getting Around (XII)

SURREY COMMUTING STATISTICS

Area	Median time for commute (in minutes)	Percentage difference Surrey to area
Surrey	30.2	
ВС	20.4	48.0%
Canada	20.5	47.3%

Source: Centre for the Study of Living Standards

SURREY WORKING POPULATION'S "LEAVING FOR WORK" TIMES 2011

Time	Population travelling to work	Percentage of working population*
5.00 to 6.59 am	61,530	29.0
7.00 to 9.00 am	100,900	47.6
After 9.00 am	49,290	23.3

^{*}Surrey's working population is 211,720 and is defined as being over 15 years of age

Source: NHS2011

MODES OF TRANSPORTATION FOR SURREY'S WORKING POPULATION

Mode	2006 Number travelling to work	2006 As a percentage of the working population (184,360)	2011 Number travelling to work	2011 As a percentage of the working population (211,720)
Car, truck or van (as a driver)	140,295	76.1	162,090	76.6
Car, truck or van (as a passenger)	16,315	8.8	13,985	6.6
Public transit	20,040	10.8	27,040	12.8
Walking or cycling, or both	5,595	3.0	6,195	2.9
Other modes	2,115	1.1	2,410	1.1

^{*}Surrey's working population is defined as being over 15 years of age.

Source: Census 2006, NHS2011

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SURREY'S TOP-TEN ACCIDENT HOT SPOTS

Rank	Location
1	88th Avenue and King George
2	128th Street and King George
3	72nd Avenue and King George
4	64th Avenue and King George
5	152nd Street and 56th Avenue
6	128th Street and 88th Avenue
7	120th and 72nd Avenue
8	56th Avenue and 58th Avenue and King George and turning lane (Highway 10 and King George)
9	64th Avenue and Fraser Highway and turning lane
10	96th Avenue and Fraser Highway and turning lane

ICBC. Lower Mainland Crash Map

CRIMINAL CODE TRAFFIC OFFENSES (NUMBER PER 100,000 PERSONS)

Area	2009	2010	2011	2012	2013
Surrey	401.7	406.6	447.2	376.1	453.3
ВС	489.6	458.1	500.3	396.0	382.0
Canada	n/a	n/a	n/a	n/a	388.0

Source: Uniform Crime Reporting Survey

Getting there: Works cited in this section

Centre for the Study of Living Standards. Data provided.

- ICBC. Lower Mainland Crash Map. http://www.icbc.com/about-icbc/newsroom/Pages/Lower-Mainland-Crash-Map.aspx
- Statistics Canada. NHS Profile: Surrey, CY. http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-csd-eng.cfm?LANG = Eng&GK = CSD&GC = 5915004
- Statistics Canada. Focus on Geography Series, 2011 Census, Province of British Columbia. http://www12.statcan.gc.ca/census-recensement/2011/as-sa/fogs-spg/Facts-pr-eng.cfm?Lang = Eng&GC = 59
- Statistics Canada. 2001 Census of Canada. http://www12.statcan.ca/english/profil01/CP01/Details/
 Page.cfm?Lang = E&Geo1 = CSD&Code1 = 5915004&Geo2 = PR&Code2 = 01&Data = Count&SearchText = surrey&SearchType = Begins&SearchPR = 01&B1 = All
- Statistics Canada. 2011 National Household Survey: Income and Housing, 99-014-X2011044 for Surrey (5915004) CY.
- Statistics Canada. Table 427-0002 Number of vehicles travelling between Canada and the United States, monthly (number). http://www5.statcan.gc.ca/cansim/a33?RT = TABLE&sortby = id&themeID = 4021&spMode = tables&lang = eng&pageNum = 3