

## 2013/14 School Year Proposed Calendar – Impact Analysis

This analysis hopes to provide a general understanding of the demographics and the financial earnings of families in the Saanich school district and the cost of living in Victoria, BC and thus provide some valuable information to assist the Saanich Board of Education in their decision regarding the proposed week of school closure added to Spring Break in proposed 2013/14 school calendar.

### **CONTEXT**

- Any analysis of budget savings for the district and the financial impact on families of the extra week closure in 2013 will not be able to be conducted prior to this decision deadline, so we will not know if it actually results in district savings, which was one of the original validations for the 2012/13 calendar adjustment and we also will not know what, if any, the financial impact will be to Saanich district families.
- SD63 is not proposing this calendar adjustment as a cost savings measure for the 2013/14 budget, so that financial analysis is not required this year.
- SD63 will be soliciting feedback from school community as part of the data collection process to be used in this decision, which is subjective in nature.
- COPACS thus sees the need for other information sources to provide objective data to be made available in this decision making process.
- Also, 2013 is an election year, so it is unlikely the government is going to drastically reduce funding to public education and even so, SD63 is not even using this week closure as a budget balancing strategy for 2013/14.
- The economic recession since 2008 has likely negatively impacted BC families as it has the world.

### **COST OF LIVING ANALYSIS FOR SAANICH SCHOOL DISTRICT FAMILIES**

This analysis included the statistics from **Census Canada 2011** for demographics and **Census Canada 2006** financial data (<http://www12.statcan.gc.ca/census-recensement/index-eng.cfm>) and the **Cost of Living Calculator** from BC Government's **Welcome BC** website: (<http://www.costofliving.welcomebc.ca/>) for Victoria in general (Saanich is not on the list). 2011 Census information was used for demographics only, as the financial data is not yet available.

2011 Census: demographic data**Total number of census families: 31 180**

Number of married couple families: 14 730

Number of common law families: 1 790

Number of lone parent families: 6 225

**Average: total # persons**

# of persons in married families: 2.9

# of persons in common law families: 2.5

# of persons in lone parent families: 2.4

2006 Census: 2005 Income data**Median Income Before-Tax Income**

\$79 913 (\$90917 private household)

\$67 402

\$41 271

**NOTES:**

- **Median income levels means that half of the population earns LESS than those values and the other have earns MORE.**
- **Assumed the lone parent lower income earners are renting and have 3 people in the family**
- **Assumed the married or common-law higher or mid-range income earners own a home and have 3 people in the family.**
- There is some disconnect of data when using 2005 income levels and 2011 Cost of Living calculator, but considering the triple zero government wage policy over the last few years and the recession, then wages probably have not risen significantly.
- Welcome BC website Cost of Living Calculator EXPENSES are broken down into the following categories:
  - Consumables : This expense accounts for day to day purchases, and includes the following: Meats, Dairy Products, Produce, Bakery Products, Misc. Grocery Products, Misc. Goods and Services
  - Transportation: This expense accounts for travel. It includes costs for: Fuel cost factors, Public transportation, Parking
  - Health: All residents of B.C. must enroll in B.C.'s healthcare program. This expense includes: Medical Services Plan (MSP), Prescription drugs, Non-standard medical
  - Housing: This expense accounts for your cost of housing and includes: Rent, Utilities, Renters Insurance, Homeowners Insurance, Mortgage, Property Taxes
  - Taxes: This expense includes income and payroll taxes.
- Cost of Living Calculator produced by Economic Research Institute (ERI) and its detailed methodology may be found by link on the Cost of Living website :  
<http://www.eri.com/help/RAMethodUS.pdf?CFID=12262463&CFTOKEN=1bcd18a17392e4c-4155F92C-F29F-C981-8396E78EA4AA358E>
- Supporting spreadsheets are found at the end of the document

**Please see below the screen prints of the following Cost of Living Calculator scenarios**

1. Married Family with highest median earnings and \$79 913 AND \$90917.
2. Common-Law Family with mid-range median earnings \$67 402 .
3. Lone Parent Family with lowest median earnings \$41 271 .

## COST OF LIVING - HIGHEST MEDIAN INCOME FAMILIES \$79,913

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### COST OF LIVING CALCULATOR

Watch videos on how to get started in B.C.

**Step 1 Location**

Enter A Location

VICTORIA

**Step 2 Occupation**

Enter Occupation

Senior Government Managers and

Salary

\$ 79913 per year **Go**

Window Snip

**Step 3 Select what best suits you**

Rent or Own?  
Own

House Size  
House (2,500 square)

Family Size  
3

How Many Cars  
1 Car

Travel Km/Day  
30km a day

**Results** Canadian Dollar (CAD)

**Income VS Expenses**

Income: **\$ 79,913/yr CAD**

Expenses: **\$ 99,046/yr CAD**

Difference: **\$ -19,133 CAD**

Total Income: \$ 79,913/yr CAD

**Expenses**

- Consumables  
\$ 21,342 CAD
- Transportation  
\$ 1,424 CAD
- Health Care  
\$ 1,485 CAD
- Housing  
\$ 45,294 CAD
- Taxes  
\$ 26,808 CAD

## COSTS OF LIVING HIGHEST MEDIAN INCOMES \$90,917 IN PRIVATE HOUSEHOLDS

ADD-ONS ▾

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### COST OF LIVING CALCULATOR

Watch videos on how to get started in B.C.

**Step 1**  
**Location**

Enter A Location  
VICTORIA

**Step 2**  
**Occupation**

Enter Occupation  
Senior Government Managers and

Salary  
\$ 90917 per year  **Go**

Window Snip

**Step 3**  
**Select what best suits you**

Rent or Own?

Own

House Size

House (2,500 square )

Family Size

3

How Many Cars

1 Car

Travel Km/Day

30km a day

**Results**

**Income VS Expenses**

Income: **\$ 90,917/yr CAD**

Expenses: **\$ 106,724/yr CAD**

Difference: **\$ -15,807 CAD**

Total Income: \$ 90,917/yr CAD

**Expenses**

- Consumables **\$ 23,871 CAD**
- Transportation **\$ 1,823 CAD**
- Health Care **\$ 1,571 CAD**
- Housing **\$ 45,424 CAD**
- Taxes **\$ 30,832 CAD**

## COST OF LIVING MID RANGE MEDIAN INCOME FAMILIES \$67,402

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### COST OF LIVING CALCULATOR

Watch videos on how to get started in B.C.

**Step 1 Location**

Enter A Location

VICTORIA

**Step 2 Occupation**

Enter Occupation

Senior Government Managers and

Salary

\$ 67402 per year **Go**

**Step 3 Select what best suits you**

Rent or Own?
 House Size
 Family Size
 How Many Cars
 Travel Km/Day

Own | House (2,500 square) | 3 | 1 Car | 30km a day

**Results** Canadian Dollar (CAD)

**Income VS Expenses**

Income: **\$ 67,402/yr CAD**

Expenses: **\$ 88,082/yr CAD**

Difference: **\$ -20,680 CAD**

Total Income: \$ 67,402/yr CAD

**Expenses**

- Consumables: \$ 17,881 CAD
- Transportation: \$ 1,157 CAD
- Health Care: \$ 1,347 CAD
- Housing: \$ 45,283 CAD
- Taxes: \$ 21,302 CAD

## COST OF LIVING - LOWEST MEDIAN INCOME FAMILIES \$41,271

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### COST OF LIVING CALCULATOR

Watch videos on how to get started in B.C.

**Step 1**  
**Location** ⓘ

Enter A Location

**Step 2**  
**Occupation** ⓘ

Enter Occupation

Salary  
 per year Go

**Step 3**  
**Select what best suits you** ⓘ

Rent or Own?

House Size

Family Size

How Many Cars

Travel Km/Day

**Results**

**Income VS Expenses**

Income: **\$ 41,271/yr CAD**

Expenses: **\$ 42,847/yr CAD**

Difference: **\$ -1,576 CAD**

Total Income: \$ 41,271/yr CAD

**Expenses**

- Consumables  
\$ 13,293 CAD
- Transportation  
\$ 712 CAD
- Health Care  
\$ 1,084 CAD
- Housing  
\$ 18,384 CAD
- Taxes  
\$ 12,017 CAD

## In Conclusion:

- Times are tough for the majority of families in Saanich district when one observes that according to the 2009 BC tax return analysis (attached) that only slightly over 30% of the tax payers in our district earn more than \$50,000 per year in our district and according to the Cost of Living Calculator even families making almost 1.5 times that threshold amount are experiencing financial challenges; and
- There will be approximately 2453 students enrolled in Saanich elementary schools in 2013 (see Capacity and Projected Enrollment –Fact Page from 2012/13 budget package – attached) who would require supervision during that week.
- The extra cost of childcare or the loss of income during that extra week would indeed result in additional financial hardship to the majority of Saanich district families; and
- The minority of Saanich district families, who can afford to take the extra week off, will do so and will make their own arrangements to compensate for lost instruction time, which won't impact those families who cannot afford to take the extra week.
- Finally, the numbers don't seem to add up to benefit the majority of Saanich district families and when that occurs then according to the "Saanich Way", our Board, with its deeper understanding, compassion and prudence, will make the best decision possible.

Thank you very much,

COPACS

Jan 16, 2013

Referenced census and tax spreadsheets – downloaded data from identified websites.

<b>2006 Census - Saanich District</b>		<b>Saanich - District municipality</b>
<b>Topic</b>	<b>Characteristics</b>	<b>Total</b>
Selected family characteristics	Total number of census families	31180
Selected family characteristics	Number of married-couple families	22985
Selected family characteristics	Number of common-law-couple families	3405
Selected family characteristics	Number of lone-parent families	4790
Selected family characteristics	Number of female lone-parent families	3850
Selected family characteristics	Number of male lone-parent families	940
<b>Selected family characteristics</b>	<b>Average number of persons in all census families</b>	<b>2.8</b>
<b>Selected family characteristics</b>	<b>Average number of persons in married-couple families</b>	<b>2.9</b>
<b>Selected family characteristics</b>	<b>Average number of persons in common-law-couple families</b>	<b>2.5</b>
<b>Selected family characteristics</b>	<b>Average number of persons in lone-parent families</b>	<b>2.4</b>
<b>Selected family characteristics</b>	<b>Average number of persons in female lone-parent families</b>	<b>2.4</b>
<b>Selected family characteristics</b>	<b>Average number of persons in male lone-parent families</b>	<b>2.4</b>
<b>Selected family characteristics</b>	<b>Median income in 2005 - All census families (\$)</b>	<b>72304</b>
<b>Selected family characteristics</b>	<b>Median income in 2005 - Married-couple families (\$)</b>	<b>79913</b>
<b>Selected family characteristics</b>	<b>Median income in 2005 - Common-law-couple families (\$)</b>	<b>67402</b>
<b>Selected family characteristics</b>	<b>Median income in 2005 - Lone-parent families (\$)</b>	<b>41271</b>
<b>Selected family characteristics</b>	<b>Median income in 2005 - Female lone-parent families (\$)</b>	<b>39282</b>
<b>Selected family characteristics</b>	<b>Median income in 2005 - Male lone-parent families (\$)</b>	<b>54192</b>
Selected family characteristics	Median after-tax income in 2005 - All census families (\$)	62354
Selected family characteristics	Median after-tax income in 2005 - Married-couple families (\$)	67900
Selected family characteristics	Median after-tax income in 2005 - Common-law-couple families (\$)	58946
Selected family characteristics	Median after-tax income in 2005 - Lone-parent families (\$)	37777
Selected family characteristics	Median after-tax income in 2005 - Female lone-parent families (\$)	36388
Selected family characteristics	Median after-tax income in 2005 - Male lone-parent families (\$)	47889
Selected household characteristics	Total private households	44575
Selected household characteristics	Households containing a couple (married or common-law) with children	11195
Selected household characteristics	Households containing a couple (married or common-law) without children	14165
Selected household characteristics	One-person households	12015
Selected household characteristics	Other household types	7200



Selected household characteristics	Average household size	2.4
Selected household characteristics	Median income in 2005 - All private households (\$)	59729
Selected household characteristics	Median income in 2005 - Couple households with children (\$)	90917
Selected household characteristics	Median income in 2005 - Couple households without children (\$)	73198
Selected household characteristics	Median income in 2005 - One-person households (\$)	31344
Selected household characteristics	Median income in 2005 - Other household types (\$)	48178
Selected household characteristics	Median after-tax income in 2005 - All private households (\$)	51904
Selected household characteristics	Median after-tax income in 2005 - Couple households with children (\$)	77845
Selected household characteristics	Median after-tax income in 2005 - Couple households without children (\$)	62537
Selected household characteristics	Median after-tax income in 2005 - One-person households (\$)	28079
Selected household characteristics	Median after-tax income in 2005 - Other household types (\$)	44965
Selected household characteristics	Median monthly payments for rented dwellings (\$)	801
Selected household characteristics	Median monthly payments for owner-occupied dwellings (\$)	796
<b>Source: Statistics Canada; 2006 Census of Population.</b>		
<b>How to cite: Statistics Canada. 2007. 2006 Community Profiles. 2006 Census.</b>		
<b>Statistics Canada Catalogue no. 92-591-XWE. Ottawa. Released March 13 2007.</b>		
<a href="http://www12.statcan.ca/census-recensement/2006/dp-pd/prof/92-591/index.cfm?Lang=E">http://www12.statcan.ca/census-recensement/2006/dp-pd/prof/92-591/index.cfm?Lang=E</a>		

**2011 CENSUS PROFILE - SAANICH SCHOOL DISTRICT MUNICIPALITIES (demographics only available)**

<b>Geography</b>	<b>Capital (5917)</b>	<b>North Saanich</b>	<b>Sidney</b>	<b>Central Saanich</b>	<b>Saanich</b>
<b>Population, 2011</b>	359991	11089	11178	15936	109752
Population, 2006	345164	10823	11315	15745	108265
Population percentage change, 2006 to 2011	4.3	2.5	-1.2	1.2	1.4
Total private dwellings	177977	4847	5776	6934	49670
<b>Married couples</b>	68975	3070	2425	3765	22765
Without children at home	38290	1940	1700	2090	11565
<b>With children at home</b>	<b>30685</b>	<b>1130</b>	<b>730</b>	<b>1675</b>	<b>11195</b>
1 child	13235	470	325	645	4650
2 children	13370	510	305	770	5010
3 or more children	4080	150	95	255	1540
<b>Common-law couples</b>	15865	355	330	500	3720
Without children at home	11180	260	225	340	2590
<b>With children at home</b>	<b>4685</b>	<b>100</b>	<b>100</b>	<b>160</b>	<b>1130</b>
1 child	2535	45	60	70	600
2 children	1545	35	30	65	390
3 or more children	605	15	10	25	145
<b>Total lone-parent families by sex of parent and number of children</b>	15205	330	475	595	4820
<b>Female parent</b>	<b>11965</b>	<b>245</b>	<b>375</b>	<b>440</b>	<b>3875</b>
1 child	7915	155	245	275	2480
2 children	3210	70	100	135	1115
3 or more children	840	20	35	30	280
<b>Male parent</b>	<b>3240</b>	<b>80</b>	<b>100</b>	<b>160</b>	<b>950</b>
1 child	2260	60	60	110	640
2 children	810	15	25	40	260
3 or more children	175	5	15	10	45

Total children in census families in private households	82455	2630	2115	4170	28460
<b>Under six years of age</b>	<b>18135</b>	<b>395</b>	<b>420</b>	<b>670</b>	<b>5450</b>
<b>6 to 14 years</b>	<b>28195</b>	<b>860</b>	<b>725</b>	<b>1430</b>	<b>9425</b>
15 to 17 years	10780	370	275	675	3920
18 to 24 years	16715	685	415	1015	6390
25 years and over	8630	320	275	380	3280
Average number of children at home per census family	0.8	0.7	0.7	0.9	0.9

DATA SOURCE: 2011 CENSUS PROFILE website:

<http://www12.statcan.ca/census-recensement/2011/dp-pd/prof/index.cfm?Lang=E>

### British Columbia Taxation Statistics, 2009

	All	Average											Taxable	Average
Community, Regional District and Development Region	Returns	Income	Less than	1,000	5,000	10,000	15,000	20,000	25,000	30,000	40,000	50,000	Returns	Income
	(#)	(\$)	1,000	to 5,000	to 10,000	to 15, 000	to 20,000	to 25,000	to 30,000	to 40,000	to 50,000	and over	(#)	(\$)
North Saanich & Sidney	19,340	51,291	460	700	990	1,420	1,530	1,570	1,250	2,540	2,390	6,530	14,090	65,427
<b>percentage</b>	<b>100%</b>		<b>2.3%</b>	<b>3.6%</b>	<b>5.1%</b>	<b>7.3%</b>	<b>7.9%</b>	<b>8.1%</b>	<b>6.5%</b>	<b>13.1%</b>	<b>12.3%</b>	<b>33.8%</b>		
Central Saanich	12,560	44,896	410	570	740	950	1,050	950	820	1,580	1,580	3,920	8,880	58,635
<b>percentage</b>	<b>100%</b>		<b>3.3%</b>	<b>4.5%</b>	<b>5.9%</b>	<b>7.6%</b>	<b>8.3%</b>	<b>7.6%</b>	<b>6.5%</b>	<b>12.55%</b>	<b>12.55%</b>	<b>31.2%</b>		
Salt Spring Island	8,170	40,945	240	410	640	930	800	710	590	1,050	810	1,990	5,240	56,573
Other Gulf Islands	3,780	37,218	110	170	310	440	440	370	270	510	340	830	2,380	51,939
Victoria*	229,030	44,239	7,490	10,140	13,770	20,590	18,840	16,550	14,730	28,990	26,710	71,230	161,260	57,889
<b>percentage</b>	<b>100%</b>		<b>3.3%</b>	<b>4.4%</b>	<b>6.0%</b>	<b>9.0%</b>	<b>8.2%</b>	<b>7.2%</b>	<b>6.4%</b>	<b>12.7%</b>	<b>11.7%</b>	<b>31.1%</b>		
Sooke	11,370	37,704	420	600	810	1,110	1,030	900	740	1,420	1,250	3,100	7,720	50,476
Capital Rural	490	31,939	30	50	40	10	40	30	30	50	50	80	270	51,770
Capital RD	284,740	44,277	9,160	12,640	17,300	25,450	23,730	21,080	18,430	36,140	33,130	87,680	199,840	58,053
*incl. Victoria, Saanich, Oak Bay, Esquimalt, Colwood, Metchosin, Highlands, Langford, View Royal														
<i>Percentages were added for ease of quick review</i>														
<b>Source: Canada Revenue Agency, prepared by BC Stats March 2012      <a href="http://www.cra-arc.gc.ca/gncy/stts/lcsts-eng.html">http://www.cra-arc.gc.ca/gncy/stts/lcsts-eng.html</a></b>														

Facts Package  
2012/2013 Annual Budget

**School District No. 63 (Saanich)  
Capacities and Projected Enrollments**

<b>SEPTEMBER</b>	<b>Official Capacity</b>	<b>Actual</b>		<b>Projected Enrollment</b>									
		<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>Regular Enrolment</b>													
Brentwood Elementary	390	336	347	351	352	362	352	370	371	373	374	376	375
Cordova Bay Elementary	270	272	266	251	250	253	252	256	267	277	286	289	289
Deep Cove Elementary	395	324	345	346	344	339	346	354	355	356	356	360	360
Keating Elementary	365	381	408	397	402	408	422	433	441	447	451	455	451
Kelset Elementary	470	335	356	357	369	368	369	371	368	378	382	389	390
Lochside Elementary	490	350	347	340	340	340	368	362	352	352	345	345	345
Prospect Lake Elementary	200	172	169	156	142	126	124	127	134	143	151	161	169
Sidney Elementary	415	289	274	265	254	246	248	248	247	254	253	250	248
Bayside Middle School	800	645	577	557	552	553	552	541	541	528	548	544	565
North Saanich Middle School	550	397	380	370	319	320	326	329	318	310	310	304	315
Royal Oak Middle School	600	559	560	555	577	580	594	579	571	548	532	528	556
Claremont Secondary	1075	1053	1033	950	980	950	1015	1019	1022	1033	1037	1012	983
Parkland Secondary	750	639	597	550	527	599	592	572	553	541	528	533	509
Stellys Secondary	1025	1045	945	900	829	772	831	796	791	797	781	787	785
<b>Total Regular Enrolment</b>	<b>7,795</b>	<b>6,797</b>	<b>6,604</b>	<b>6,345</b>	<b>6,237</b>	<b>6,216</b>	<b>6,391</b>	<b>6,357</b>	<b>6,331</b>	<b>6,337</b>	<b>6,334</b>	<b>6,333</b>	<b>6,340</b>
Continuing Education		0	12	10	10	10							
Alternate Programs		132	130	125	125	125							
Distributed Learning		384	358	380	360	345							
<b>Total for Enrolment Based Funding</b>		<b>7,313</b>	<b>7,104</b>	<b>6,860</b>	<b>6,732</b>	<b>6,696</b>	<b>6,391</b>	<b>6,357</b>	<b>6,331</b>	<b>6,337</b>	<b>6,334</b>	<b>6,333</b>	<b>6,340</b>
<b>Other Enrolment</b>													
Special Needs - Level 1		8	14	10	10	10							
Special Needs - Level 2		277	279	241	241	241							
Special Needs - Level 3		122	129	137	137	137							
English as a Second Language		226	219	202	202	202							
Aboriginal Education		373	277	275	275	275							
Adult - Non-Graduated		60	59	59	54	50							
Adult - Graduated			70	?	?	?							

**Note:** The 2010 and 2011 columns are from our September 30th counts.  
We engage a firm (Barager) to project regular enrolments for 2012 - 2026.  
The 2012 column provided by Barager has been adjusted based on district knowledge.  
The 2013 - 2021 columns have not been changed from the figures Barager has provided.  
Enrolment for the Other Enrolment students has been projected based on district knowledge.