

B.C. University Student Outcomes 2001 Survey of 1996 Baccalaureate Graduates

Detailed Summary of Survey Results

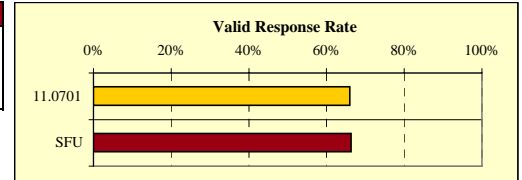
Simon Fraser University

6 Digit CIP: 11.0701: Computer Science

■ SFU
■ 11.0701

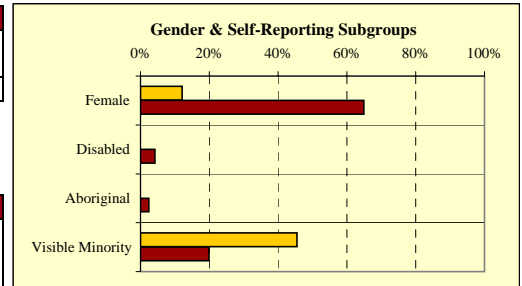
RESPONSE RATE

1. Survey Response Rate:	11.0701	SFU	
Baccalaureate Graduates Survey Cohort	52	2,373	
Net Frame	50	2,219	
Survey Respondents and Valid Response Rate	33	1,472	66%



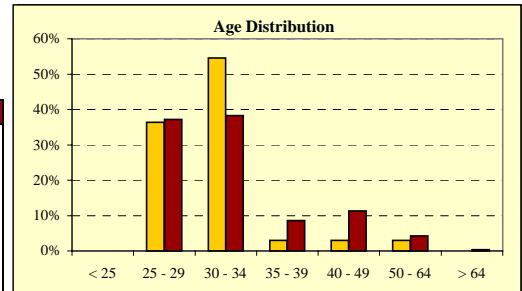
DEMOGRAPHIC INFORMATION

2. Gender:	11.0701	SFU	
Male	29	516	35%
Female	4	956	65%
Total	33	1,472	100%

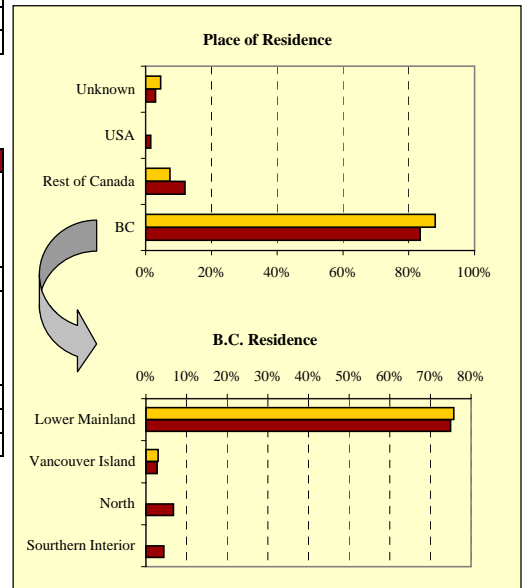


3. Self-Reporting Subgroups:	11.0701	SFU	
Disabled	-	62	4%
Aboriginal	-	35	2%
Visible Minority	15	293	20%

4. Age (at time of survey):	11.0701	SFU	
< 25	-	-	0%
25 to 29	12	548	37%
30 to 34	18	564	38%
35 to 39	1	126	9%
40 to 49	1	167	11%
50 to 64	1	62	4%
> 64	-	5	0%
Unknown	-	-	0%
Total	33	1,472	100%
Mean Age:	31.3	33.2	



5. Place of Residence (at time of survey):	11.0701	SFU	
BC - Lower Mainland	25	1,103	75%
BC - Vancouver Island	1	41	3%
BC - North	-	100	7%
BC - Southern Interior	-	65	4%
B.C. Subtotal	26	1,309	89%
Canada - Alberta	-	44	3%
Canada - Ontario	1	38	3%
Canada - Other	1	11	1%
U.S.A.	4	36	2%
Non-B.C. Subtotal	6	129	9%
Unknown	1	34	2%
Total	33	1,472	100%



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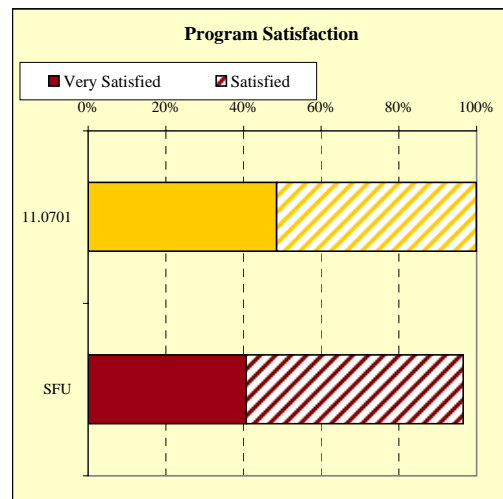
■ SFU
 ■ 11.0701

EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	11.0701		SFU	
Very Satisfied	16	48%	597	41%
Satisfied	17	52%	822	56%
Dissatisfied	-	0%	43	3%
Very Dissatisfied	-	0%	6	0%
Total	33	100%	1,468	100%

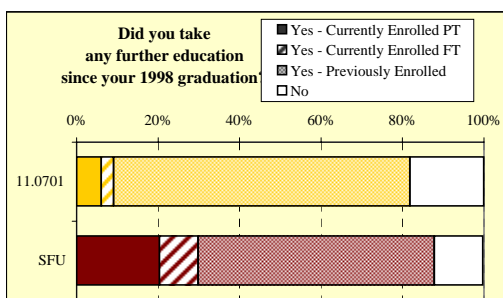
7. Would you select the same program again?	11.0701		SFU	
Yes	31	94%	1,082	75%
No, because . . . (multiple response question)	2		353	
. . . not enough course variety offered	-	0%*	10	2%*
. . . skills acquired were not very useful	-	0%*	48	10%*
. . . courses were poorly taught	-	0%*	3	1%*
. . . program was too general	1	33%*	52	11%*
. . . courses were not practical	-	0%*	52	11%*
. . . interests have changed	1	33%*	80	17%*
. . . little or no career opportunities	-	0%*	137	29%*
. . . disagree with grading system	-	0%*	-	0%*
. . . disliked institution	-	0%*	2	0%*
. . . other	1	33%*	92	19%*

* Percent of total responses, among those who would not take program again



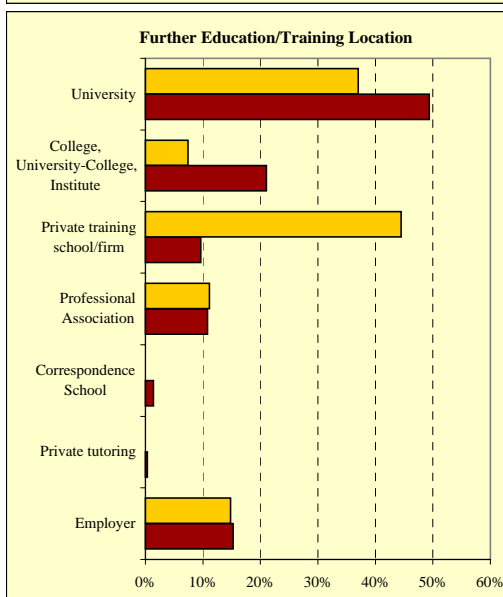
FURTHER EDUCATION

8. Took further education since 1996 graduation?	11.0701		SFU	
Yes:	27	82%	1,296	88%
Not currently enrolled	24	73%	854	58%
Currently enrolled full-time	1	3%	140	10%
Currently enrolled part-time	2	6%	299	20%
No	6	18%	176	12%
Total	33	100%	1,472	100%



9. Further education/training location (multiple resp.):*	11.0701		SFU	
University	10	37%*	640	49%*
College, University-College, Institute	2	7%*	273	21%*
Private training school/firm	12	44%*	125	10%*
Professional Association	3	11%*	140	11%*
Correspondence School	-	0%*	18	1%*
Private Tutoring	-	0%*	4	0%*
Employer	4	15%*	198	15%*
Other	1	4%*	40	3%*
Total Respondents	27		1,296	

* Percent of respondents



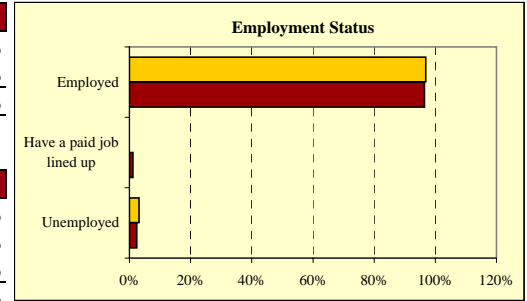
10. Main Reason for Further Education:	11.0701		SFU	
Pursue another Bachelor degree	-	0%	75	5%
Pursue Masters studies	4	13%	128	9%
Pursue Doctoral studies	-	0%	29	2%
Career / job / employment related	22	71%	919	64%
Challenge myself intellectually	2	6%	133	9%
To please parents/family	-	0%	-	0%
Did not have a primary/main reason for enrolling	-	0%	3	0%
Required by employer	1	3%	45	3%
Other	2	6%	101	7%
Total	31	100%	1,433	100%

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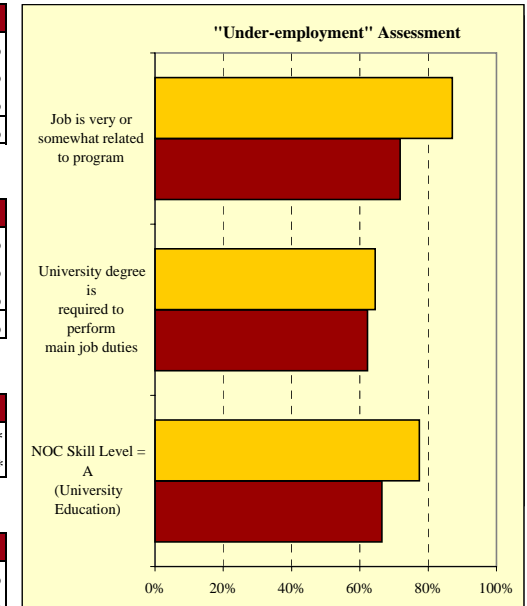
EMPLOYMENT

11. Labour Force Status:	11.0701		SFU	
In Labour Force (working or seeking work)	32	97%	1,347	92%
Not in Labour Force	1	3%	125	8%
Grand Total	33	100%	1,472	100%



12. Employment Status of those IN Labour Force:	11.0701		SFU	
Employed	31	97%	1,299	96%
Have a paid job lined up	-	0%	15	1%
Unemployed	1	3%	33	2%
Total Labour Force	32	100%	1,347	100%

13. Status of Graduates NOT in Labour Force:	11.0701		SFU	
Attending School FT	-	0%	46	37%
Attending School PT	-	0%	7	6%
Other	1	100%	72	58%
Total NOT in Labour Force	1	100%	125	100%



14. Employment Type:	11.0701		SFU	
Paid worker	30	97%	1,140	88%
Self-employed	1	3%	93	7%
Both a paid worker and self-employed	-	0%	66	5%
Total Employed	31	100%	1,299	100%

15. Job Characteristics:	11.0701		SFU	
I hold more than one job	1	3%*	181	14%*
My main job is full-time (>= 30 hours per week)	29	97%**	1,092	86%**

* of total employed ** of those who provided data on hours/week worked

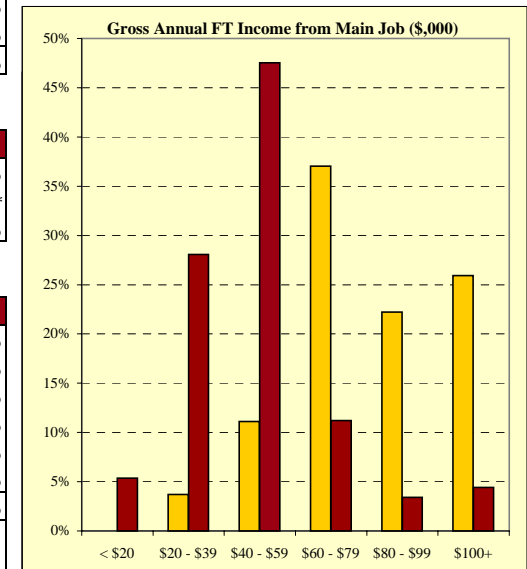
16. How related is your main job to your program?:	11.0701		SFU	
Very Related	17	55%	524	40%
Somewhat Related	10	32%	408	31%
Not Very Related	4	13%	178	14%
Not At All Related	-	0%	189	15%
Total	31	100%	1,299	100%

17. "Under-employment" Assessment:	11.0701		SFU	
Job is very or somewhat related to program	27	87%	932	72%
University degree is required to perform main job duties	20	65%*	773	62%*
NOC Skill Level = A (University Education)	24	77%	857	66%

* of total valid responses

18. Gross Annual Income from Main Job:*	11.0701		SFU	
Less than \$20,000	-	0%	64	5%
\$20,000 to \$39,999	1	4%	336	28%
\$40,000 to \$59,999	3	11%	569	48%
\$60,000 to \$79,999	10	37%	134	11%
\$80,000 to \$99,999	6	22%	41	3%
\$100,000 and Above	7	26%	53	4%
Total	27	100%	1,197	100%
Median Annual Income (full-time)	\$77,500		\$45,000	
Average Annual Income (full-time)	\$81,965		\$52,038	

* where data provided

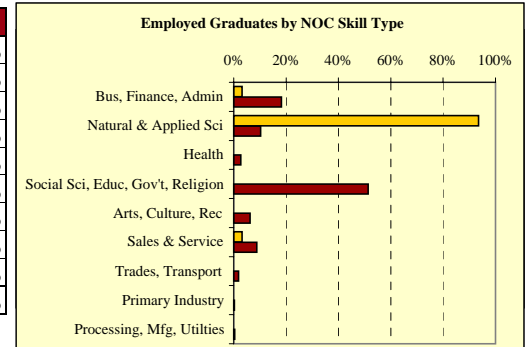


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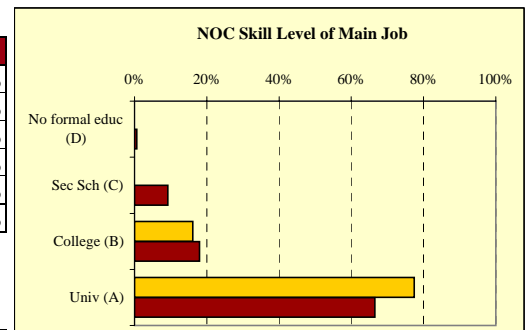
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EMPLOYMENT, continued

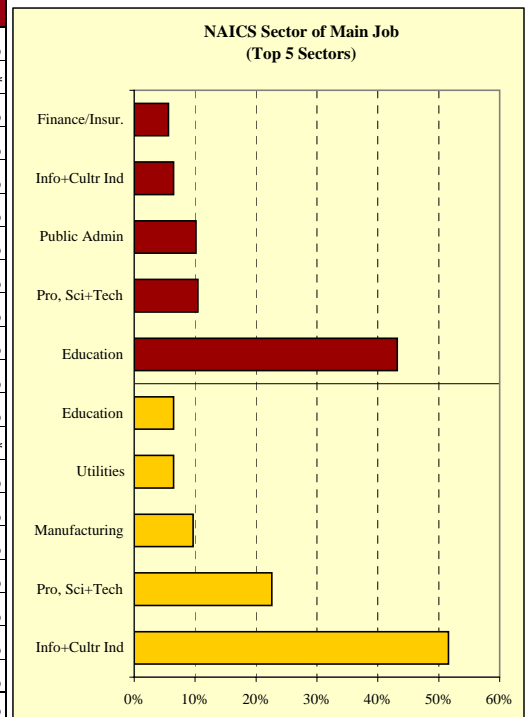
19. NOC Skill Type of Main Job:	11.0701	SFU		
Business, Finance and Administration	1	3%	234	18%
Natural and Applied Sciences and Related	29	94%	131	10%
Health	-	0%	35	3%
Social Sciences, Educ., Gov't Services, Religion	-	0%	659	51%
Arts, Culture, Recreation and Sport	-	0%	80	6%
Sales and Service	1	3%	113	9%
Trades, Transport and Eqp. Operators and Related	-	0%	23	2%
Unique to the Primary Industry	-	0%	3	0%
Unique to Processing, Manufacturing and Utilities	-	0%	5	0%
Total	31	100%	1,283	100%



20. NOC Skill Level of Main Job:	11.0701	SFU		
A. University education	24	77%	857	66%
B. College education/trade apprenticeship	5	16%	232	18%
C. Secondary school + job-specific training	-	0%	119	9%
D. No formal education	-	0%	8	1%
No Skill Level assigned (management)	2	6%	73	6%
Total	31	100%	1,289	100%



21. NAICS Sector of Main Job:	11.0701	SFU		
Agriculture, Forestry, Fishing and Hunting	*	*	5	0%
Mining and Oil and Gas Extraction	*	*	*	*
Utilities	2	6%	7	1%
Construction	*	*	11	1%
Manufacturing	3	10%	50	4%
Wholesale Trade	*	*	17	1%
Retail Trade	*	*	36	3%
Transportation and Warehousing	*	*	21	2%
Information and Cultural Industries	16	52%	83	6%
Finance and Insurance	*	*	72	6%
Real Estate and Rental and Leasing	*	*	14	1%
Professional, Scientific and Technical Services	7	23%	134	10%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*	12	1%
Education Services	2	6%	554	43%
Health Care and Social Assistance	*	*	60	5%
Arts, Entertainment and Recreation	*	*	24	2%
Accommodation and Food services	*	*	22	2%
Other Service (except Public Administration)	*	*	30	2%
Public Administration	*	*	130	10%
Total	31	100%	1283	100%



*data not displayed where n < 2

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EMPLOYMENT, continued

22a. Top 10 Full-time Occupations of 11.0701 Graduates:

			11.0701	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
2173	A	Software Engineers	52%	\$84,000
2174	A	Computer Programmers/Interactive Media Developers	10%	\$93,000
2281	B	Computer and Network Operators and Web Technicians	10%	\$48,000
0213	N/A	Info Systems & Data Processing Mgrs	6%	\$60,000
*				
*				
*				
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*data not displayed where n < 2

**percentages cited are of those for whom occupational data was provided, full-time and part-time

22b. Top 10 Full-time Occupations of Graduates from Simon Fraser University:

			SFU	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
4142	A	Elem & Kindergarten Teacher	17%	\$42,000
4141	A	Secondary School Teachers	13%	\$42,000
1111	A	Financial Auditors & Acnts	3%	\$58,250
2173	A	Software Engineers	2%	\$75,000
1122	A	Occs in Bus Svcs to Mgmt	2%	\$64,300
5124	A	Occs in Public Relations & Comm	2%	\$45,000
4112	A	Lawyers & Quebec Notaries	1%	\$70,000
4212	B	Community & Social Srvc Workers	1%	\$40,020
0611	N/A	Sales, Marketing & Advrt Managers	1%	\$67,500
1114	A	Other Financial Officers	1%	\$49,750

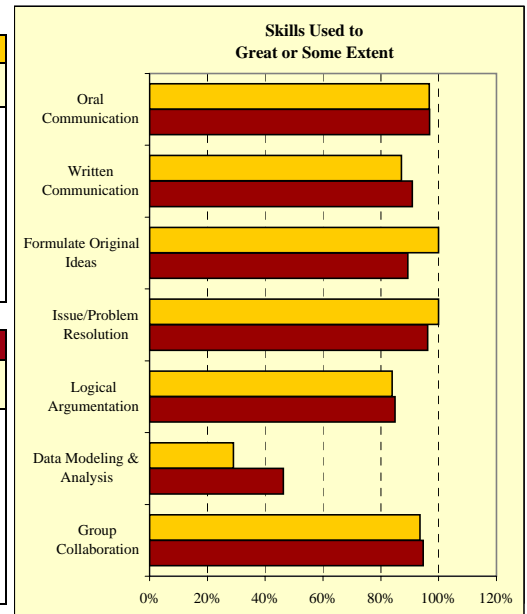
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**percentages cited are of those for whom occupational data was provided, full-time and part-time

SKILLS USED IN EMPLOYMENT

23a. To what extent do you use [the following skills] in your main job?

	11.0701				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	65%	32%	3%	0%	31
Written Communication	55%	32%	13%	0%	31
Formulate Original Ideas	55%	45%	0%	0%	31
Issue/Problem Resolution	84%	16%	0%	0%	31
Logical Argumentation	58%	26%	16%	0%	31
Data Modeling & Analysis	6%	23%	39%	32%	31
Group Collaboration	71%	23%	6%	0%	31



23b. To what extent do you use [the following skills] in your main job?

	SFU				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	82%	15%	2%	1%	1,298
Written Communication	69%	21%	6%	3%	1,298
Formulate Original Ideas	54%	35%	8%	3%	1,297
Issue/Problem Resolution	77%	19%	3%	1%	1,298
Logical Argumentation	52%	33%	12%	3%	1,296
Data Modeling & Analysis	20%	26%	27%	27%	1,294
Group Collaboration	77%	18%	4%	1%	1,297

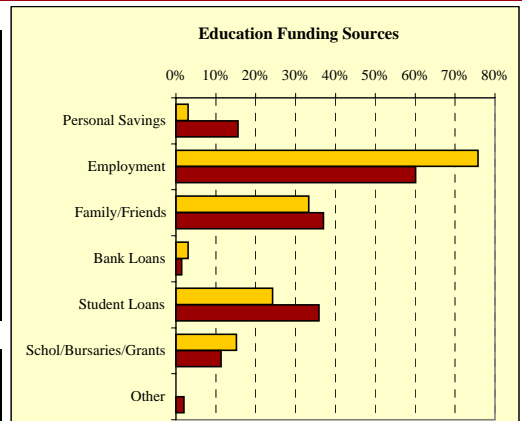
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EDUCATION FINANCING

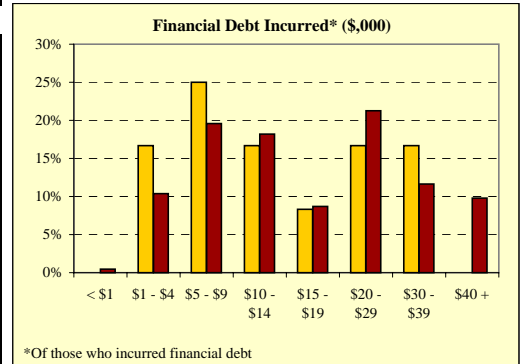
24. Education Funding Sources (2 sources per respondent):	11.0701		SFU	
Personal Savings	1	3%*	229	16%*
Employment	25	76%*	885	60%*
Family/Friends	11	33%*	545	37%*
Bank Loans	1	3%*	21	1%*
Student Loans	8	24%*	528	36%*
Scholarships/Bursaries/Grants	5	15%*	166	11%*
Other	-	0%*	30	2%*
Total Respondents	33		1,472	

* Percentage of respondents who identified this source



25. Financial Debt Incurred to Finance Univ. Education:	11.0701		SFU	
Incurred any form of financial debt	12	36%*	654	46%*
Incurred government-sponsored student loan debt	8	25%*	541	38%*

* Percentage of respondents who provided data



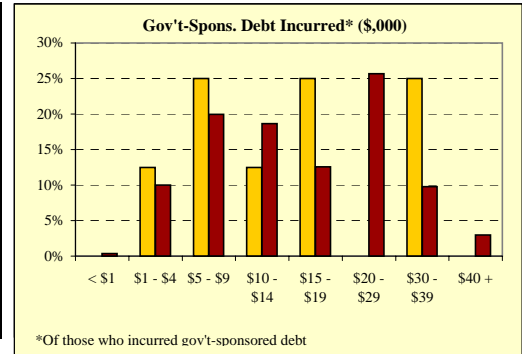
*Of those who incurred financial debt

26. Financial Debt Amount:*	11.0701		SFU	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	2	17%	68	10%
\$5,000 to \$9,999	3	25%	128	20%
\$10,000 to \$14,999	2	17%	119	18%
\$15,000 to \$19,999	1	8%	57	9%
\$20,000 to \$29,999	2	17%	139	21%
\$30,000 to \$39,999	2	17%	76	12%
\$40,000 or More	-	0%	64	10%
Total	12	100%	654	100%
Median Financial Debt	\$10,000		\$15,000	

*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	11.0701		SFU	
< \$1,000	-	0%	2	0%
\$1,000 to \$4,999	1	13%	54	10%
\$5,000 to \$9,999	2	25%	108	20%
\$10,000 to \$14,999	1	13%	101	19%
\$15,000 to \$19,999	2	25%	68	13%
\$20,000 to \$29,999	-	0%	139	26%
\$30,000 to \$39,999	2	25%	53	10%
\$40,000 or More	-	0%	16	3%
Total	8	100%	541	100%
Median Gov't-Sponsored Student Loan Debt	\$14,500		\$15,000	

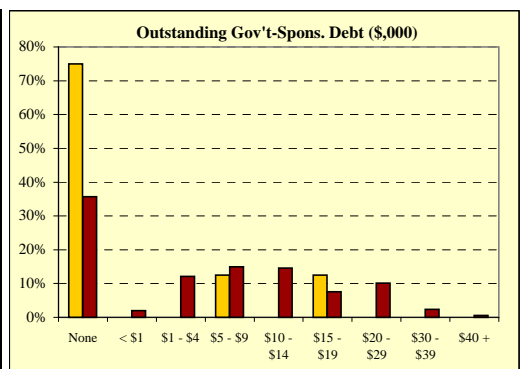
*includes only cases where government-sponsored debt was incurred



*Of those who incurred gov't-sponsored debt

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	11.0701		SFU	
None - Loan repaid in full	6	75%	179	36%
< \$1,000	-	0%	10	2%
\$1,000 to \$4,999	-	0%	61	12%
\$5,000 to \$9,999	1	13%	75	15%
\$10,000 to \$14,999	-	0%	73	15%
\$15,000 to \$19,999	1	13%	38	8%
\$20,000 to \$29,999	-	0%	51	10%
\$30,000 to \$39,999	-	0%	12	2%
\$40,000 or More	-	0%	3	1%
Total	8	100%	502	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$0		\$5,000	

*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



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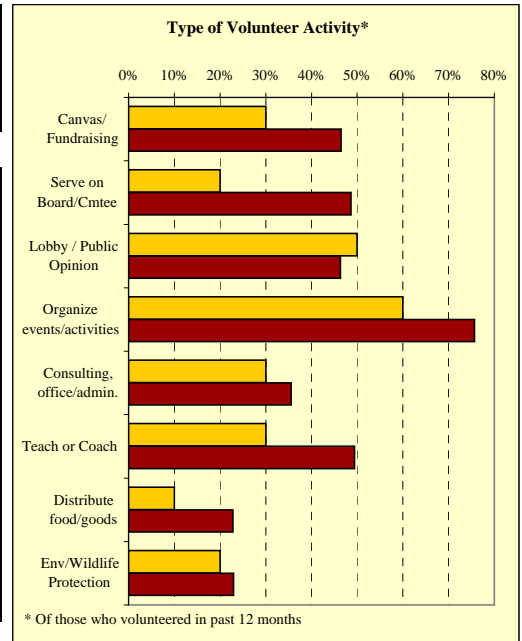
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SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

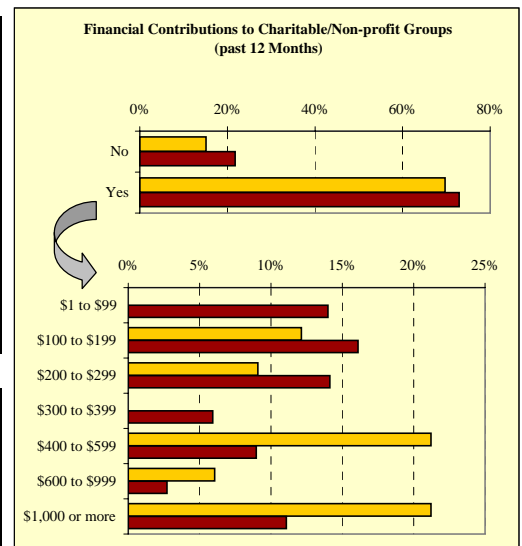
29. In the past 12 months, have you acted as an unpaid volunteer?	11.0701		SFU	
No	23	70%	585	40%
Yes	10	30%	872	60%
Volunteer Hours/Week (Median)	2		1	

30. In the past 12 months, as an unpaid volunteer for an organization did you...	11.0701		SFU	
do any canvassing, campaigning or fundraising?	3	30%*	405	46%*
serve as an unpaid member of a board or committee?	2	20%*	424	49%*
provide information or help to educate, influence public opinion, or lobby others?	5	50%*	404	46%*
help to organize/supervise activities/events for an organization?	6	60%*	660	76%*
do any consulting, executive, office or administrative work?	3	30%*	310	36%*
teach or coach for an organization?	3	30%*	431	49%*
collect, serve or deliver food or other goods?	1	10%*	199	23%*
engage in any activities aimed at protecting the environment or wildlife?	2	20%*	200	23%*

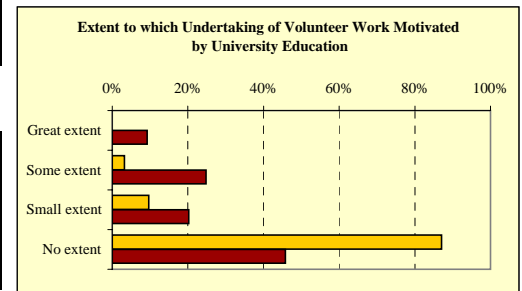
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	11.0701		SFU	
\$0 (None)	5	15%	320	22%
\$1 to \$99	-	0%	206	14%
\$100 to \$199	4	12%	237	16%
\$200 to \$299	3	9%	208	14%
\$300 to \$399	-	0%	87	6%
\$400 to \$599	7	21%	132	9%
\$600 to \$999	2	6%	40	3%
\$1,000 or more	7	21%	163	11%
Median Annual Contribution	\$500		\$200	



32. Member or Participant in...	11.0701		SFU	
Union/Professional Association (work-related)	5	15%	970	66%
Political organization	1	3%	76	5%
Cultural, educational or hobby organization	6	18%	493	33%
Sports or recreation organization	14	42%	627	43%
Religious-affiliated group	7	21%	282	19%
School group, civic, or community association	1	3%	418	28%
Other	2	6%	108	7%



33. To what extent did your university education motivate you to undertake volunteer work?	11.0701		SFU	
Great extent	-	0%*	132	9%*
Some extent	1	3%*	355	25%*
Small extent	3	10%*	289	20%*
No extent	27	87%*	655	46%*

*percentages are of those who thought question was applicable