

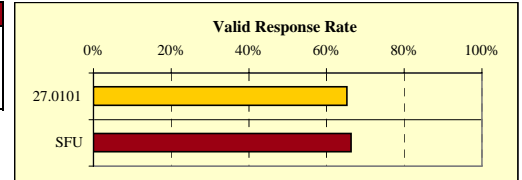
# B.C. University Student Outcomes 2001 Survey of 1996 Baccalaureate Graduates

Detailed Summary of Survey Results  
Simon Fraser University  
6 Digit CIP: 27.0101: Mathematics

■ SFU  
■ 27.0101

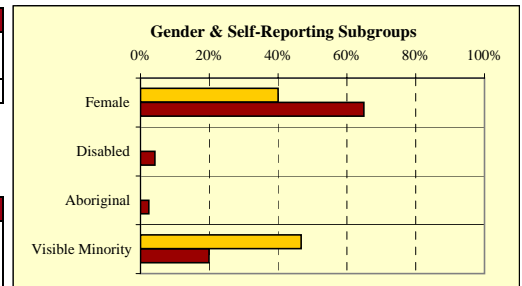
## RESPONSE RATE

1. Survey Response Rate:	27.0101	SFU
Baccalaureate Graduates Survey Cohort	30	2,373
Net Frame	23	2,219
Survey Respondents and Valid Response Rate	15	1,472
	65%	66%



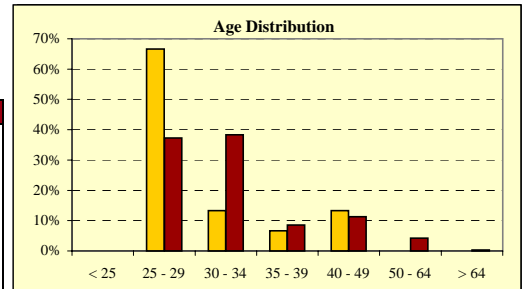
## DEMOGRAPHIC INFORMATION

2. Gender:	27.0101	SFU
Male	9	516
Female	6	956
Total	15	1,472
	100%	100%

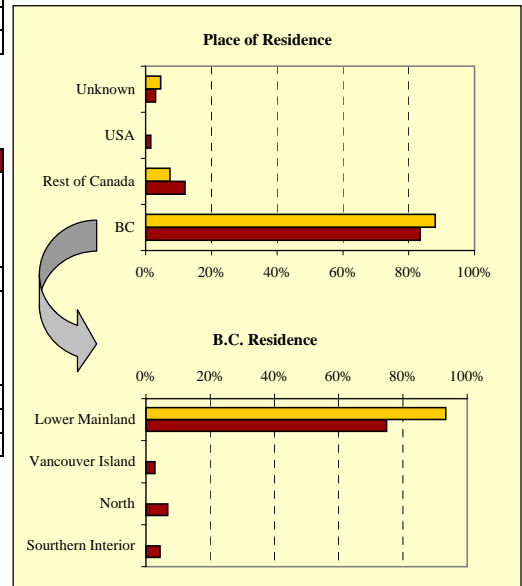


3. Self-Reporting Subgroups:	27.0101	SFU
Disabled	-	62
Aboriginal	-	35
Visible Minority	7	293
	0%	4%
	0%	2%
	47%	20%

4. Age (at time of survey):	27.0101	SFU
< 25	-	-
25 to 29	10	548
30 to 34	2	564
35 to 39	1	126
40 to 49	2	167
50 to 64	-	62
> 64	-	5
Unknown	-	-
Total	15	1,472
Mean Age:	30.9	33.2



5. Place of Residence (at time of survey):	27.0101	SFU
BC - Lower Mainland	14	1,103
BC - Vancouver Island	-	41
BC - North	-	100
BC - Southern Interior	-	65
B.C. Subtotal	14	1,309
Canada - Alberta	-	44
Canada - Ontario	-	38
Canada - Other	-	11
U.S.A.	1	36
Non-B.C. Subtotal	1	129
Unknown	-	34
Total	15	1,472

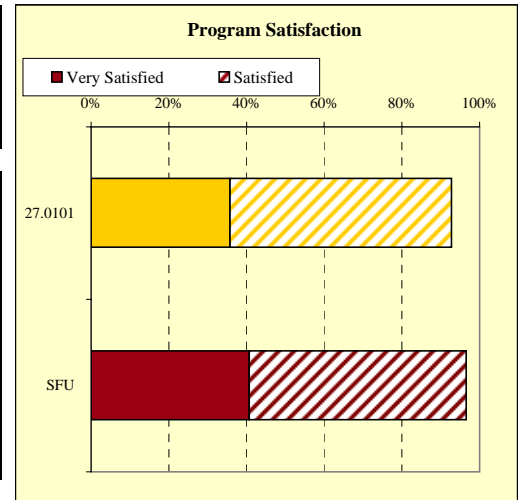


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**EDUCATION SATISFACTION & PROGRAM EVALUATION**

6. Program Satisfaction:	27.0101		SFU	
Very Satisfied	5	36%	597	41%
Satisfied	8	57%	822	56%
Dissatisfied	-	0%	43	3%
Very Dissatisfied	1	7%	6	0%
Total	14	100%	1,468	100%

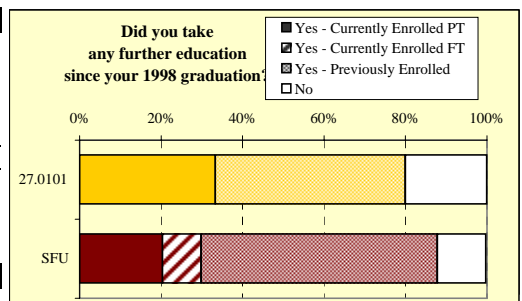


7. Would you select the same program again?	27.0101		SFU	
Yes	10	71%	1,082	75%
No, because . . . (multiple response question)	4		353	
. . . not enough course variety offered	-	0%*	10	2%*
. . . skills acquired were not very useful	-	0%*	48	10%*
. . . courses were poorly taught	-	0%*	3	1%*
. . . program was too general	-	0%*	52	11%*
. . . courses were not practical	1	17%*	52	11%*
. . . interests have changed	2	33%*	80	17%*
. . . little or no career opportunities	2	33%*	137	29%*
. . . disagree with grading system	-	0%*	-	0%*
. . . disliked institution	-	0%*	2	0%*
. . . other	1	17%*	92	19%*

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

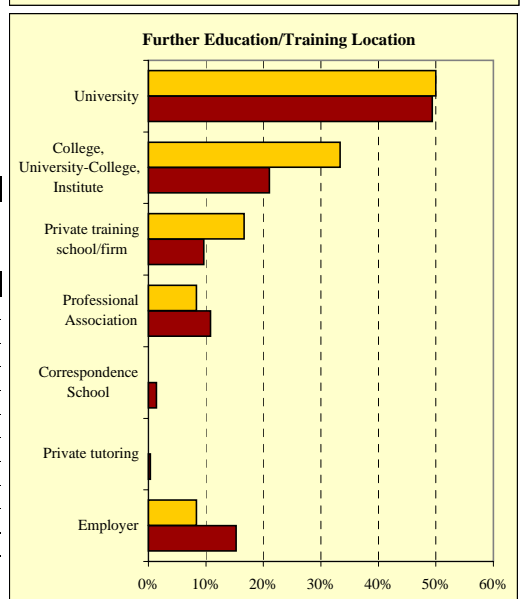
**FURTHER EDUCATION**

8. Took further education since 1996 graduation?	27.0101		SFU	
Yes:	12	80%	1,296	88%
Not currently enrolled	7	47%	854	58%
Currently enrolled full-time	-	0%	140	10%
Currently enrolled part-time	5	33%	299	20%
No	3	20%	176	12%
Total	15	100%	1,472	100%



9. Further education/training location (multiple resp.):*	27.0101		SFU	
University	6	50%*	640	49%*
College, University-College, Institute	4	33%*	273	21%*
Private training school/firm	2	17%*	125	10%*
Professional Association	1	8%*	140	11%*
Correspondence School	-	0%*	18	1%*
Private Tutoring	-	0%*	4	0%*
Employer	1	8%*	198	15%*
Other	-	0%*	40	3%*
Total Respondents	12		1,296	

\* Percent of respondents



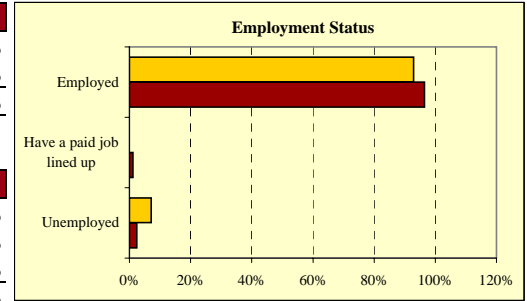
10. Main Reason for Further Education:	27.0101		SFU	
Pursue another Bachelor degree	-	0%	75	5%
Pursue Masters studies	2	14%	128	9%
Pursue Doctoral studies	-	0%	29	2%
Career / job / employment related	6	43%	919	64%
Challenge myself intellectually	2	14%	133	9%
To please parents/family	-	0%	-	0%
Did not have a primary/main reason for enrolling	-	0%	3	0%
Required by employer	2	14%	45	3%
Other	2	14%	101	7%
Total	14	100%	1,433	100%

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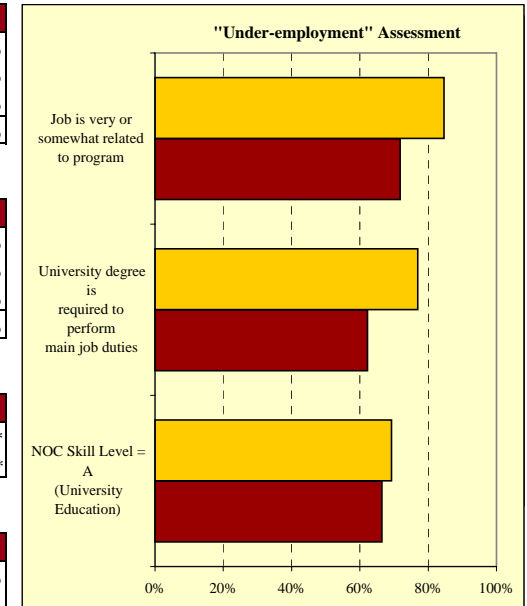
**EMPLOYMENT**

11. Labour Force Status:	27.0101		SFU	
In Labour Force (working or seeking work)	14	93%	1,347	92%
Not in Labour Force	1	7%	125	8%
Grand Total	15	100%	1,472	100%



12. Employment Status of those IN Labour Force:	27.0101		SFU	
Employed	13	93%	1,299	96%
Have a paid job lined up	-	0%	15	1%
Unemployed	1	7%	33	2%
Total Labour Force	14	100%	1,347	100%

13. Status of Graduates NOT in Labour Force:	27.0101		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:	27.0101		SFU	
Paid worker	12	92%	1,140	88%
Self-employed	-	0%	93	7%
Both a paid worker and self-employed	1	8%	66	5%
Total Employed	13	100%	1,299	100%

15. Job Characteristics:	27.0101		SFU	
I hold more than one job	1	8%*	181	14%*
My main job is full-time (>= 30 hours per week)	11	85%**	1,092	86%**

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

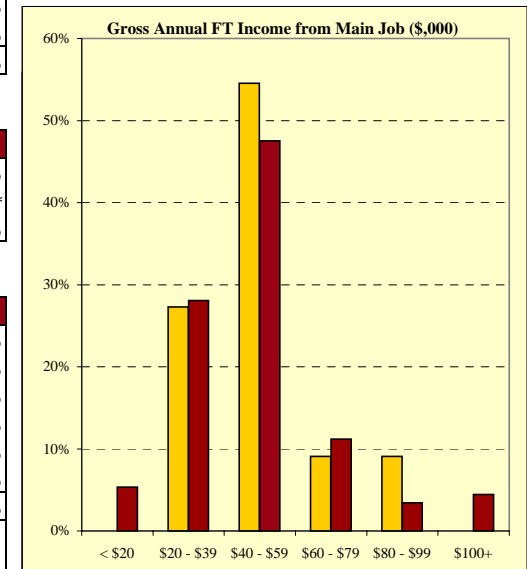
16. How related is your main job to your program?:	27.0101		SFU	
Very Related	5	38%	524	40%
Somewhat Related	6	46%	408	31%
Not Very Related	1	8%	178	14%
Not At All Related	1	8%	189	15%
Total	13	100%	1,299	100%

17. "Under-employment" Assessment:	27.0101		SFU	
Job is very or somewhat related to program	11	85%	932	72%
University degree is required to perform main job duties	10	77%*	773	62%*
NOC Skill Level = A (University Education)	9	69%	857	66%

\* of total valid responses

18. Gross Annual Income from Main Job:*	27.0101		SFU	
Less than \$20,000	-	0%	64	5%
\$20,000 to \$39,999	3	27%	336	28%
\$40,000 to \$59,999	6	55%	569	48%
\$60,000 to \$79,999	1	9%	134	11%
\$80,000 to \$99,999	1	9%	41	3%
\$100,000 and Above	-	0%	53	4%
Total	11	100%	1,197	100%
Median Annual Income (full-time)	\$45,000		\$45,000	
Average Annual Income (full-time)	\$50,456		\$52,038	

\* where data provided

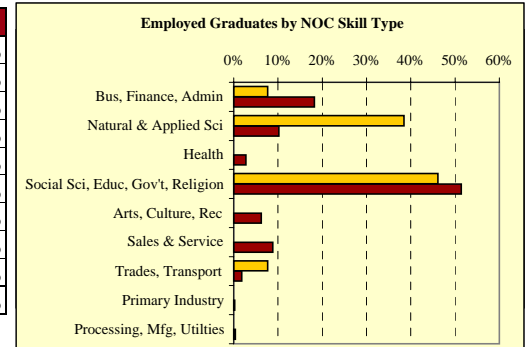


**Detailed Summary of Survey Results**  
**Simon Fraser University**  
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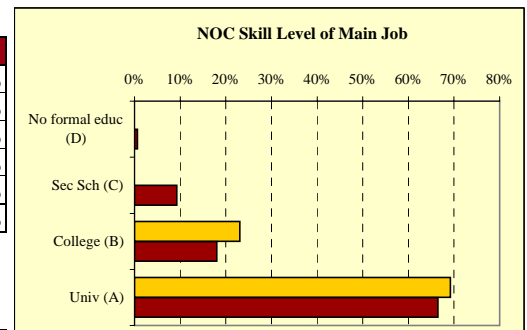
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**EMPLOYMENT, continued**

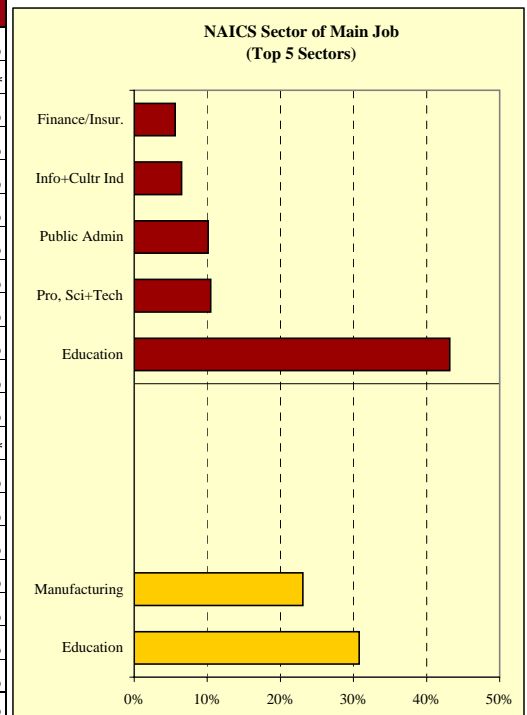
19. NOC Skill Type of Main Job:	27.0101		SFU	
Business, Finance and Administration	1	8%	234	18%
Natural and Applied Sciences and Related	5	38%	131	10%
Health	-	0%	35	3%
Social Sciences, Educ., Gov't Services, Religion	6	46%	659	51%
Arts, Culture, Recreation and Sport	-	0%	80	6%
Sales and Service	-	0%	113	9%
Trades, Transport and Eqp. Operators and Related	1	8%	23	2%
Unique to the Primary Industry	-	0%	3	0%
Unique to Processing, Manufacturing and Utilities	-	0%	5	0%
Total	13	100%	1,283	100%



20. NOC Skill Level of Main Job:	27.0101		SFU	
A. University education	9	69%	857	66%
B. College education/trade apprenticeship	3	23%	232	18%
C. Secondary school + job-specific training	-	0%	119	9%
D. No formal education	-	0%	8	1%
No Skill Level assigned (management)	1	8%	73	6%
Total	13	100%	1,289	100%



21. NAICS Sector of Main Job:	27.0101		SFU	
Agriculture, Forestry, Fishing and Hunting	*	*	5	0%
Mining and Oil and Gas Extraction	*	*	*	*
Utilities	*	*	7	1%
Construction	*	*	11	1%
Manufacturing	3	23%	50	4%
Wholesale Trade	*	*	17	1%
Retail Trade	*	*	36	3%
Transportation and Warehousing	*	*	21	2%
Information and Cultural Industries	*	*	83	6%
Finance and Insurance	*	*	72	6%
Real Estate and Rental and Leasing	*	*	14	1%
Professional, Scientific and Technical Services	*	*	134	10%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*	12	1%
Education Services	4	31%	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	13	100%	1283	100%



\*data not displayed where n < 2

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**EMPLOYMENT, continued**

**22a. Top 10 Full-time Occupations of 27.0101 Graduates:**

			27.0101	
NOC	Skill Level	Description	% Employed FT in this Occ.**	Median FT Salary
4141	A	Secondary School Teachers	15%	\$46,500
4131	A	College & Other Voc Instructors	15%	\$42,600
2173	A	Software Engineers	15%	*
*				
*				
*				
*				
*				
*				
*				

\*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	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 Srvc 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

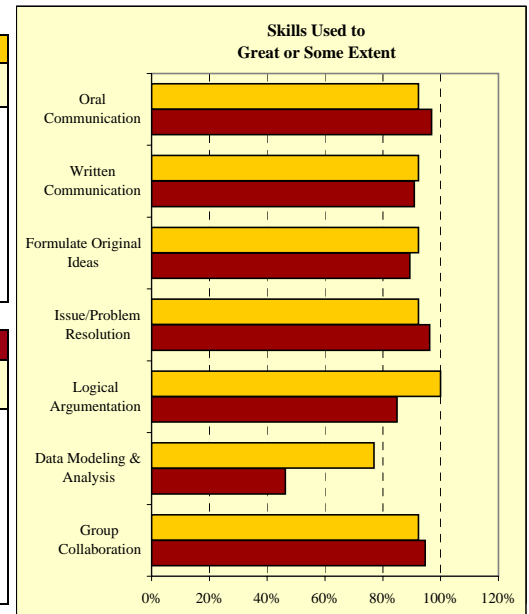
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\*\*percentages cited are of those for whom occupational data was provided, full-time and part-time

**SKILLS USED IN EMPLOYMENT**

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

	27.0101				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	62%	31%	8%	0%	13
Written Communication	69%	23%	8%	0%	13
Formulate Original Ideas	62%	31%	8%	0%	13
Issue/Problem Resolution	77%	15%	0%	8%	13
Logical Argumentation	58%	42%	0%	0%	12
Data Modeling & Analysis	46%	31%	23%	0%	13
Group Collaboration	54%	38%	8%	0%	13



**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

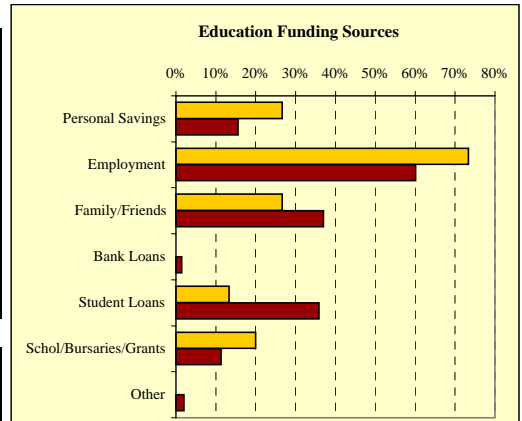
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**EDUCATION FINANCING**

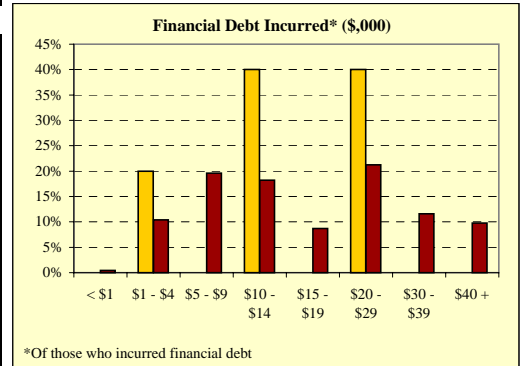
24. Education Funding Sources (2 sources per respondent):	27.0101		SFU	
Personal Savings	4	27%*	229	16%*
Employment	11	73%*	885	60%*
Family/Friends	4	27%*	545	37%*
Bank Loans	-	0%*	21	1%*
Student Loans	2	13%*	528	36%*
Scholarships/Bursaries/Grants	3	20%*	166	11%*
Other	-	0%*	30	2%*
<b>Total Respondents</b>	<b>15</b>		<b>1,472</b>	

\*Percentage of respondents who identified this source



25. Financial Debt Incurred to Finance Univ. Education:	27.0101		SFU	
Incurred any form of financial debt	5	33%*	654	46%*
Incurred government-sponsored student loan debt	3	20%*	541	38%*

\*Percentage of respondents who provided data



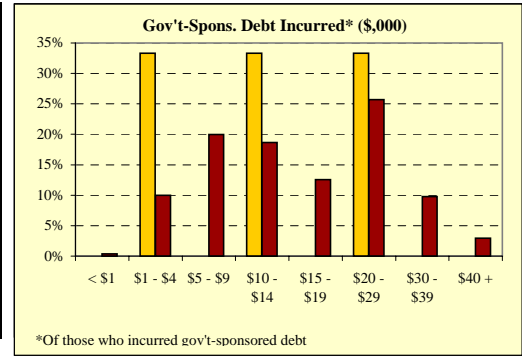
\*Of those who incurred financial debt

26. Financial Debt Amount:*	27.0101		SFU	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	1	20%	68	10%
\$5,000 to \$9,999	-	0%	128	20%
\$10,000 to \$14,999	2	40%	119	18%
\$15,000 to \$19,999	-	0%	57	9%
\$20,000 to \$29,999	2	40%	139	21%
\$30,000 to \$39,999	-	0%	76	12%
\$40,000 or More	-	0%	64	10%
<b>Total</b>	<b>5</b>	<b>100%</b>	<b>654</b>	<b>100%</b>
<b>Median Financial Debt</b>	<b>\$12,000</b>		<b>\$15,000</b>	

\*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	27.0101		SFU	
< \$1,000	-	0%	2	0%
\$1,000 to \$4,999	1	33%	54	10%
\$5,000 to \$9,999	-	0%	108	20%
\$10,000 to \$14,999	1	33%	101	19%
\$15,000 to \$19,999	-	0%	68	13%
\$20,000 to \$29,999	1	33%	139	26%
\$30,000 to \$39,999	-	0%	53	10%
\$40,000 or More	-	0%	16	3%
<b>Total</b>	<b>3</b>	<b>100%</b>	<b>541</b>	<b>100%</b>
<b>Median Gov't-Sponsored Student Loan Debt</b>	<b>\$12,000</b>		<b>\$15,000</b>	

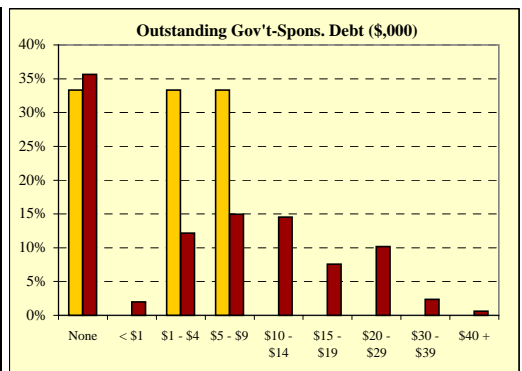
\*includes only cases where government-sponsored debt was incurred



\*Of those who incurred gov't-sponsored debt

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	27.0101		SFU	
None - Loan repaid in full	1	33%	179	36%
< \$1,000	-	0%	10	2%
\$1,000 to \$4,999	1	33%	61	12%
\$5,000 to \$9,999	1	33%	75	15%
\$10,000 to \$14,999	-	0%	73	15%
\$15,000 to \$19,999	-	0%	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%
<b>Total</b>	<b>3</b>	<b>100%</b>	<b>502</b>	<b>100%</b>
<b>Median Gov't-Sponsored Loan Debt Outstanding</b>	<b>\$3,000</b>		<b>\$5,000</b>	

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

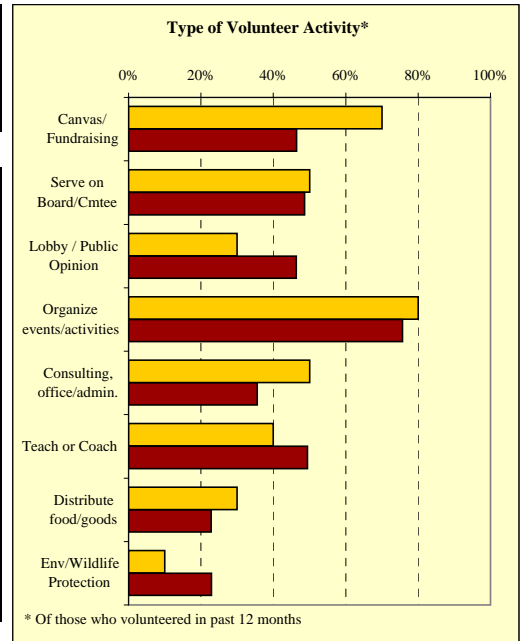


**SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY**

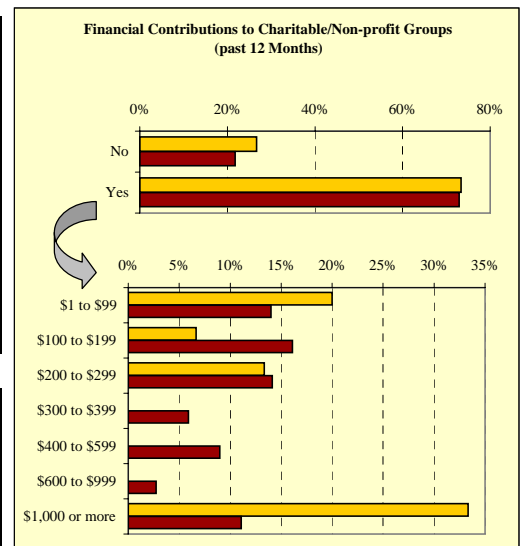
29. In the past 12 months, have you acted as an unpaid volunteer?	27.0101		SFU	
No	5	33%	585	40%
Yes	10	67%	872	60%
Volunteer Hours/Week (Median)	1		1	

30. In the past 12 months, as an unpaid volunteer for an organization did you...	27.0101		SFU	
do any canvassing, campaigning or fundraising?	7	70%*	405	46%*
serve as an unpaid member of a board or committee?	5	50%*	424	49%*
provide information or help to educate, influence public opinion, or lobby others?	3	30%*	404	46%*
help to organize/supervise activities/events for an organization?	8	80%*	660	76%*
do any consulting, executive, office or administrative work?	5	50%*	310	36%*
teach or coach for an organization?	4	40%*	431	49%*
collect, serve or deliver food or other goods?	3	30%*	199	23%*
engage in any activities aimed at protecting the environment or wildlife?	1	10%*	200	23%*

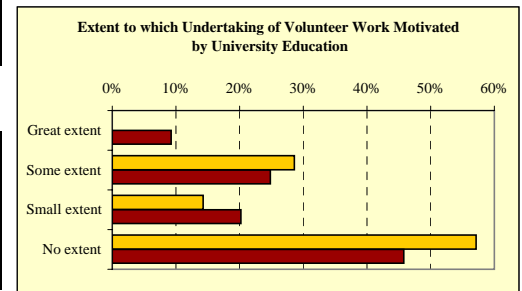
\*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	27.0101		SFU	
\$0 (None)	4	27%	320	22%
\$1 to \$99	3	20%	206	14%
\$100 to \$199	1	7%	237	16%
\$200 to \$299	2	13%	208	14%
\$300 to \$399	-	0%	87	6%
\$400 to \$599	-	0%	132	9%
\$600 to \$999	-	0%	40	3%
\$1,000 or more	5	33%	163	11%
Median Annual Contribution	\$200		\$200	



32. Member or Participant in...	27.0101		SFU	
Union/Professional Association (work-related)	8	53%	970	66%
Political organization	-	0%	76	5%
Cultural, educational or hobby organization	4	27%	493	33%
Sports or recreation organization	5	33%	627	43%
Religious-affiliated group	4	27%	282	19%
School group, civic, or community association	2	13%	418	28%
Other	2	13%	108	7%



33. To what extent did your university education motivate you to undertake volunteer work?	27.0101		SFU	
Great extent	-	0%*	132	9%*
Some extent	4	29%*	355	25%*
Small extent	2	14%*	289	20%*
No extent	8	57%*	655	46%*

\*percentages are of those who thought question was applicable