

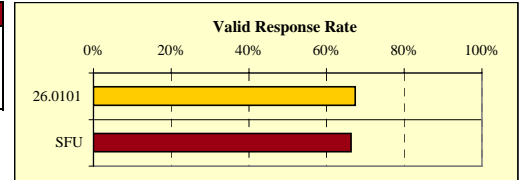
B.C. University Student Outcomes 2001 Survey of 1996 Baccalaureate Graduates

Detailed Summary of Survey Results
Simon Fraser University
6 Digit CIP: 26.0101: Biology, General



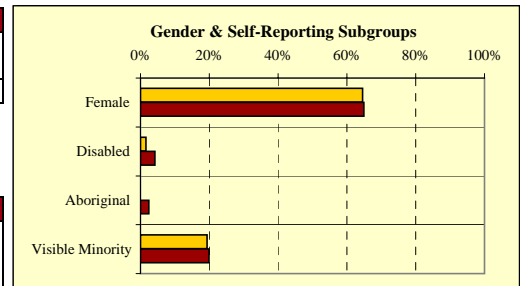
RESPONSE RATE

Survey Response Rate:	26.0101	SFU	
Baccalaureate Graduates Survey Cohort	94	2,373	
Net Frame	92	2,219	
Survey Respondents and Valid Response Rate	62	1,472	66%



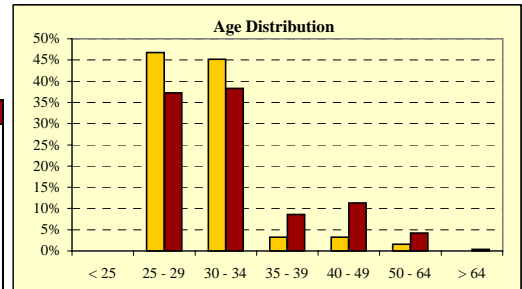
DEMOGRAPHIC INFORMATION

Gender:	26.0101	SFU		
Male	22	35%	516	35%
Female	40	65%	956	65%
Total	62	100%	1,472	100%

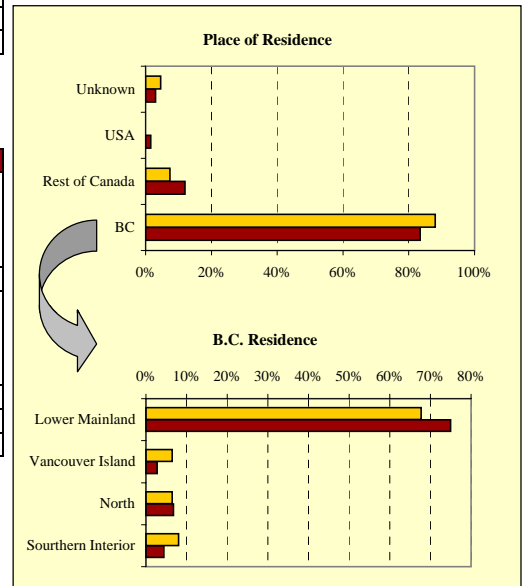


Self-Reporting Subgroups:	26.0101	SFU		
Disabled	1	2%	62	4%
Aboriginal	-	0%	35	2%
Visible Minority	12	19%	293	20%

Age (at time of survey):	26.0101	SFU		
< 25	-	0%	-	0%
25 to 29	29	47%	548	37%
30 to 34	28	45%	564	38%
35 to 39	2	3%	126	9%
40 to 49	2	3%	167	11%
50 to 64	1	2%	62	4%
> 64	-	0%	5	0%
Unknown	-	0%	-	0%
Total	62	100%	1,472	100%
Mean Age:	30.7	33.2		



Place of Residence (at time of survey):	26.0101	SFU		
BC - Lower Mainland	42	68%	1,103	75%
BC - Vancouver Island	4	6%	41	3%
BC - North	4	6%	100	7%
BC - Southern Interior	5	8%	65	4%
B.C. Subtotal	55	89%	1,309	89%
Canada - Alberta	2	3%	44	3%
Canada - Ontario	3	5%	38	3%
Canada - Other	-	0%	11	1%
U.S.A.	1	2%	36	2%
Non-B.C. Subtotal	6	10%	129	9%
Unknown	1	2%	34	2%
Total	62	100%	1,472	100%

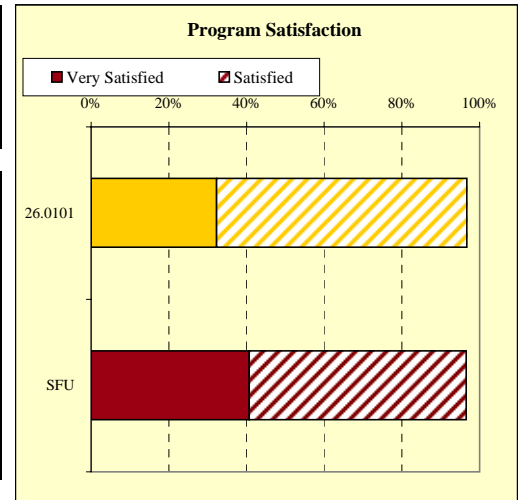


Detailed Summary of Survey Results
Simon Fraser University
6 Digit CIP: 26.0101: Biology, General

■ SFU
 ■ 26.0101

EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	26.0101	SFU
Very Satisfied	20 32%	597 41%
Satisfied	40 65%	822 56%
Dissatisfied	2 3%	43 3%
Very Dissatisfied	- 0%	6 0%
Total	62 100%	1,468 100%

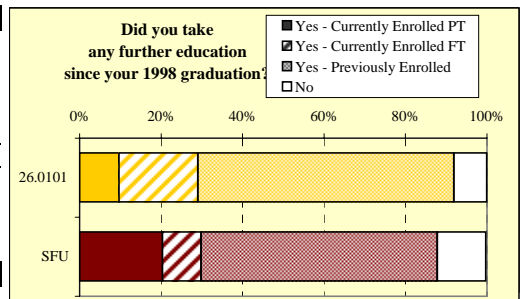


7. Would you select the same program again?	26.0101	SFU
Yes	35 58%	1,082 75%
No, because . . . (multiple response question)	25	353
. . . not enough course variety offered	- 0%*	10 2%*
. . . skills acquired were not very useful	1 3%*	48 10%*
. . . courses were poorly taught	- 0%*	3 1%*
. . . program was too general	3 9%*	52 11%*
. . . courses were not practical	6 18%*	52 11%*
. . . interests have changed	4 12%*	80 17%*
. . . little or no career opportunities	14 42%*	137 29%*
. . . disagree with grading system	- 0%*	- 0%*
. . . disliked institution	- 0%*	2 0%*
. . . other	5 15%*	92 19%*

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

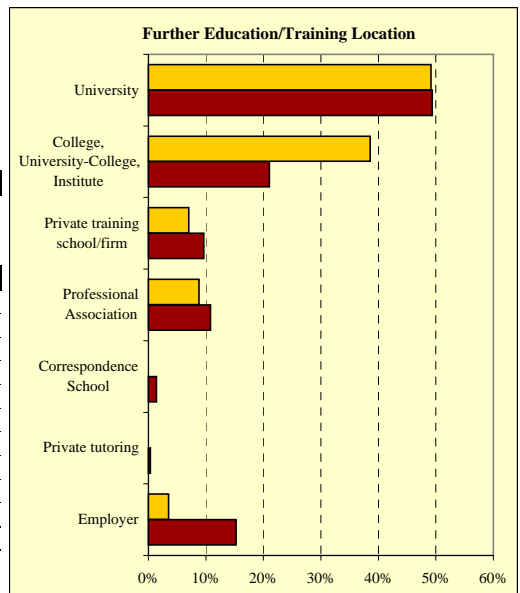
FURTHER EDUCATION

8. Took further education since 1996 graduation?	26.0101	SFU
Yes:	57 92%	1,296 88%
Not currently enrolled	39 63%	854 58%
Currently enrolled full-time	12 19%	140 10%
Currently enrolled part-time	6 10%	299 20%
No	5 8%	176 12%
Total	62 100%	1,472 100%



9. Further education/training location (multiple resp.):*	26.0101	SFU
University	28 49%*	640 49%*
College, University-College, Institute	22 39%*	273 21%*
Private training school/firm	4 7%*	125 10%*
Professional Association	5 9%*	140 11%*
Correspondence School	- 0%*	18 1%*
Private Tutoring	- 0%*	4 0%*
Employer	2 4%*	198 15%*
Other	3 5%*	40 3%*
Total Respondents	57	1,296

* Percent of respondents



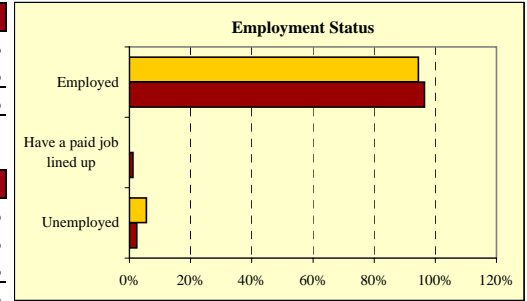
10. Main Reason for Further Education:	26.0101	SFU
Pursue another Bachelor degree	2 3%	75 5%
Pursue Masters studies	2 3%	128 9%
Pursue Doctoral studies	7 11%	29 2%
Career / job / employment related	42 68%	919 64%
Challenge myself intellectually	5 8%	133 9%
To please parents/family	- 0%	- 0%
Did not have a primary/main reason for enrolling	- 0%	3 0%
Required by employer	2 3%	45 3%
Other	2 3%	101 7%
Total	62 100%	1,433 100%

Detailed Summary of Survey Results
Simon Fraser University
6 Digit CIP: 26.0101: Biology, General

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■ 26.0101

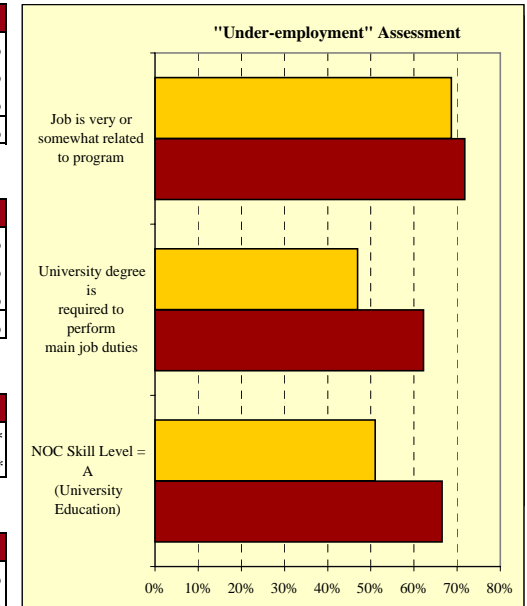
EMPLOYMENT

11. Labour Force Status:	26.0101		SFU	
In Labour Force (working or seeking work)	54	87%	1,347	92%
Not in Labour Force	8	13%	125	8%
Grand Total	62	100%	1,472	100%



12. Employment Status of those IN Labour Force:	26.0101		SFU	
Employed	51	94%	1,299	96%
Have a paid job lined up	-	0%	15	1%
Unemployed	3	6%	33	2%
Total Labour Force	54	100%	1,347	100%

13. Status of Graduates NOT in Labour Force:	26.0101		SFU	
Attending School FT	7	88%	46	37%
Attending School PT	-	0%	7	6%
Other	1	13%	72	58%
Total NOT in Labour Force	8	100%	125	100%



14. Employment Type:	26.0101		SFU	
Paid worker	43	84%	1,140	88%
Self-employed	7	14%	93	7%
Both a paid worker and self-employed	1	2%	66	5%
Total Employed	51	100%	1,299	100%

15. Job Characteristics:	26.0101		SFU	
I hold more than one job	5	10%*	181	14%*
My main job is full-time (>= 30 hours per week)	46	90%**	1,092	86%**

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

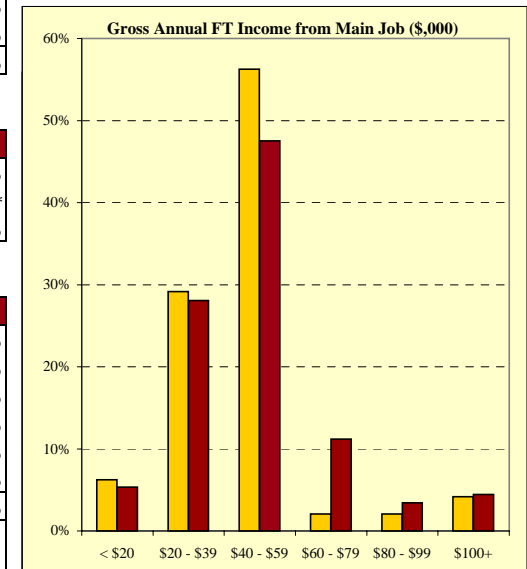
16. How related is your main job to your program?:	26.0101		SFU	
Very Related	13	25%	524	40%
Somewhat Related	22	43%	408	31%
Not Very Related	7	14%	178	14%
Not At All Related	9	18%	189	15%
Total	51	100%	1,299	100%

17. "Under-employment" Assessment:	26.0101		SFU	
Job is very or somewhat related to program	35	69%	932	72%
University degree is required to perform main job duties	23	47%*	773	62%*
NOC Skill Level = A (University Education)	26	51%	857	66%

* of total valid responses

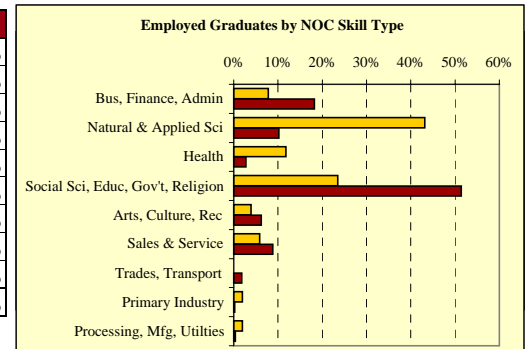
18. Gross Annual Income from Main Job:*	26.0101		SFU	
Less than \$20,000	3	6%	64	5%
\$20,000 to \$39,999	14	29%	336	28%
\$40,000 to \$59,999	27	56%	569	48%
\$60,000 to \$79,999	1	2%	134	11%
\$80,000 to \$99,999	1	2%	41	3%
\$100,000 and Above	2	4%	53	4%
Total	48	100%	1,197	100%
Median Annual Income (full-time)	\$45,000		\$45,000	
Average Annual Income (full-time)	\$47,019		\$52,038	

* where data provided

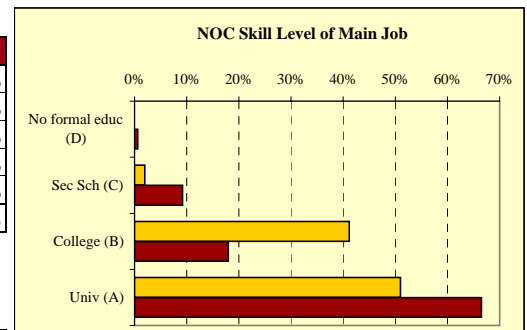


EMPLOYMENT, continued

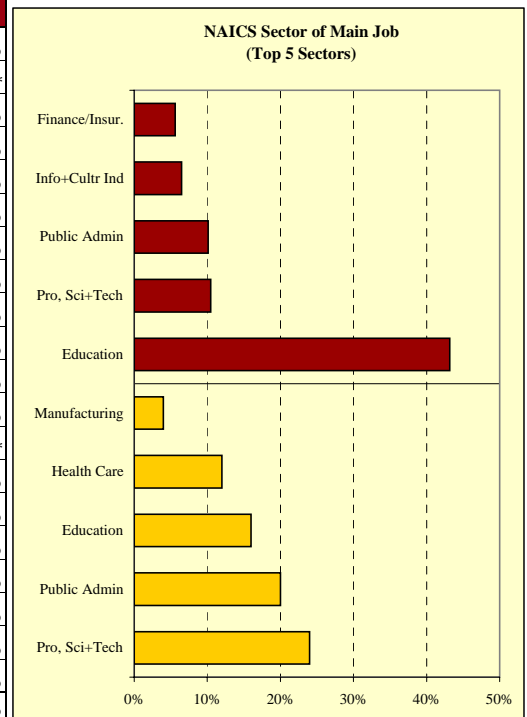
19. NOC Skill Type of Main Job:	26.0101		SFU	
Business, Finance and Administration	4	8%	234	18%
Natural and Applied Sciences and Related	22	43%	131	10%
Health	6	12%	35	3%
Social Sciences, Educ., Gov't Services, Religion	12	24%	659	51%
Arts, Culture, Recreation and Sport	2	4%	80	6%
Sales and Service	3	6%	113	9%
Trades, Transport and Eqp. Operators and Related	-	0%	23	2%
Unique to the Primary Industry	1	2%	3	0%
Unique to Processing, Manufacturing and Utilities	1	2%	5	0%
Total	51	100%	1,283	100%



20. NOC Skill Level of Main Job:	26.0101		SFU	
A. University education	26	51%	857	66%
B. College education/trade apprenticeship	21	41%	232	18%
C. Secondary school + job-specific training	1	2%	119	9%
D. No formal education	-	0%	8	1%
No Skill Level assigned (management)	3	6%	73	6%
Total	51	100%	1,289	100%



21. NAICS Sector of Main Job:	26.0101		SFU	
Agriculture, Forestry, Fishing and Hunting	*	*	5	0%
Mining and Oil and Gas Extraction	*	*	*	*
Utilities	*	*	7	1%
Construction	*	*	11	1%
Manufacturing	2	4%	50	4%
Wholesale Trade	*	*	17	1%
Retail Trade	2	4%	36	3%
Transportation and Warehousing	*	*	21	2%
Information and Cultural Industries	2	4%	83	6%
Finance and Insurance	2	4%	72	6%
Real Estate and Rental and Leasing	*	*	14	1%
Professional, Scientific and Technical Services	12	24%	134	10%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	2	4%	12	1%
Education Services	8	16%	554	43%
Health Care and Social Assistance	6	12%	60	5%
Arts, Entertainment and Recreation	*	*	24	2%
Accommodation and Food services	*	*	22	2%
Other Service (except Public Administration)	*	*	30	2%
Public Administration	10	20%	130	10%
Total	50	100%	1283	100%



*data not displayed where n < 2

Detailed Summary of Survey Results
Simon Fraser University
6 Digit CIP: 26.0101: Biology, General

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EMPLOYMENT, continued

22a. Top 10 Full-time Occupations of 26.0101 Graduates:				26.0101	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary	
4141	A	Secondary School Teachers	12%	\$40,500	
2121	A	Biologists & Related Scientists	10%	\$47,840	
4161	A	Natural/App Sci Policy Rsrchrs	6%	\$56,750	
2263	B	Inspectors in Public & Env Health	6%	\$50,544	
2221	B	Biological Technicians	6%	\$50,000	
2122	A	Forestry Professionals	4%	\$53,000	
2231	B	Civil Engineering Technicians	4%	\$44,500	
2211	B	Applied Chemical Technicians	4%	\$38,500	
*					
*					

*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	

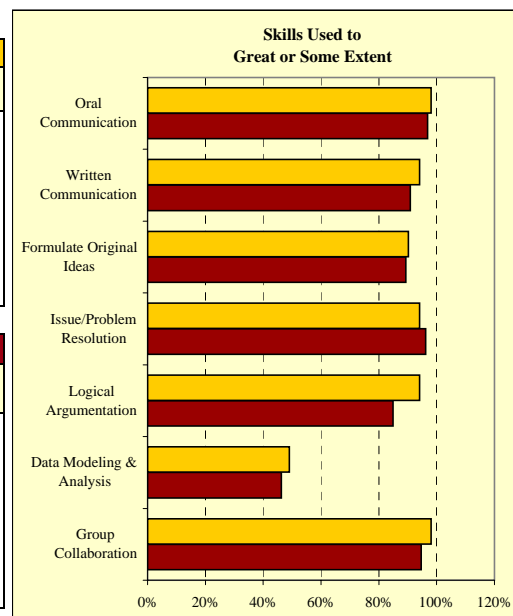
*data not displayed where n < 2

**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?	26.0101					# Resp.
	Great Extent	Some Extent	Small Extent	No Extent		
Oral Communication	76%	22%	2%	0%		51
Written Communication	67%	27%	4%	2%		51
Formulate Original Ideas	45%	45%	10%	0%		51
Issue/Problem Resolution	76%	18%	4%	2%		51
Logical Argumentation	51%	43%	4%	2%		51
Data Modeling & Analysis	24%	25%	37%	14%		51
Group Collaboration	78%	20%	2%	0%		51

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):	26.0101		SFU	
Personal Savings	10	16%*	229	16%*
Employment	40	65%*	885	60%*
Family/Friends	22	35%*	545	37%*
Bank Loans	1	2%*	21	1%*
Student Loans	18	29%*	528	36%*
Scholarships/Bursaries/Grants	12	19%*	166	11%*
Other	1	2%*	30	2%*
Total Respondents	62		1,472	

* Percentage of respondents who identified this source

25. Financial Debt Incurred to Finance Univ. Education:	26.0101		SFU	
Incurred any form of financial debt	30	48%*	654	46%*
Incurred government-sponsored student loan debt	24	39%*	541	38%*

* Percentage of respondents who provided data

26. Financial Debt Amount:*	26.0101		SFU	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	5	17%	68	10%
\$5,000 to \$9,999	6	20%	128	20%
\$10,000 to \$14,999	6	20%	119	18%
\$15,000 to \$19,999	3	10%	57	9%
\$20,000 to \$29,999	5	17%	139	21%
\$30,000 to \$39,999	3	10%	76	12%
\$40,000 or More	2	7%	64	10%
Total	30	100%	654	100%
Median Financial Debt	\$10,000		\$15,000	

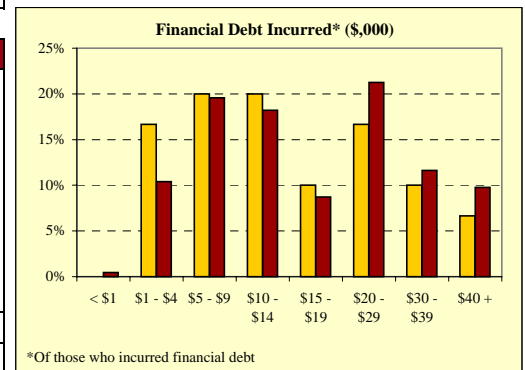
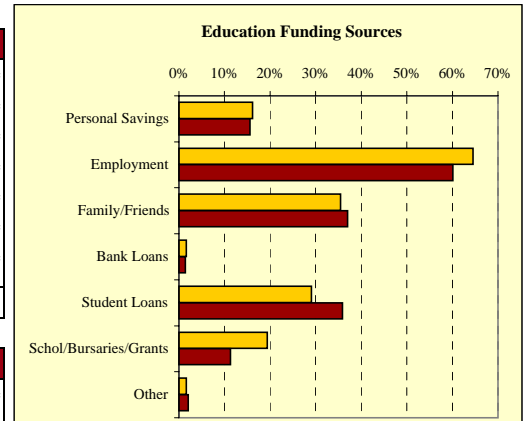
*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	26.0101		SFU	
< \$1,000	-	0%	2	0%
\$1,000 to \$4,999	3	13%	54	10%
\$5,000 to \$9,999	6	25%	108	20%
\$10,000 to \$14,999	6	25%	101	19%
\$15,000 to \$19,999	3	13%	68	13%
\$20,000 to \$29,999	4	17%	139	26%
\$30,000 to \$39,999	2	8%	53	10%
\$40,000 or More	-	0%	16	3%
Total	24	100%	541	100%
Median Gov't-Sponsored Student Loan Debt	\$11,000		\$15,000	

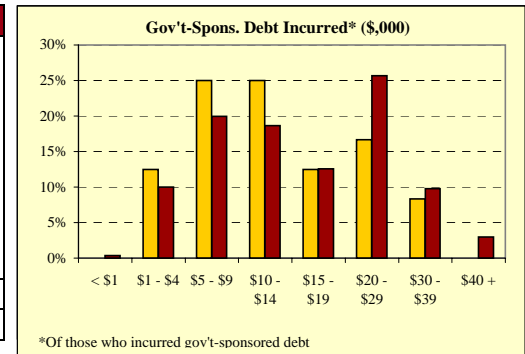
*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	26.0101		SFU	
None - Loan repaid in full	12	50%	179	36%
< \$1,000	-	0%	10	2%
\$1,000 to \$4,999	4	17%	61	12%
\$5,000 to \$9,999	3	13%	75	15%
\$10,000 to \$14,999	1	4%	73	15%
\$15,000 to \$19,999	2	8%	38	8%
\$20,000 to \$29,999	1	4%	51	10%
\$30,000 to \$39,999	1	4%	12	2%
\$40,000 or More	-	0%	3	1%
Total	24	100%	502	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$600		\$5,000	

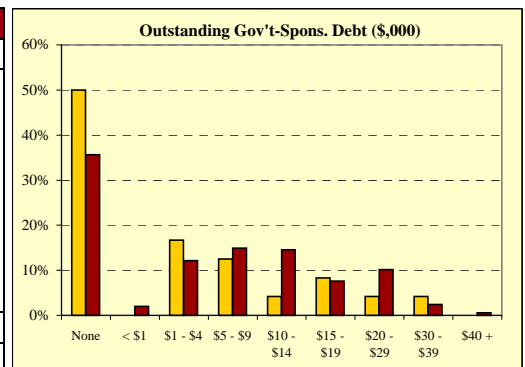
*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



*Of those who incurred financial debt



*Of those who incurred gov't-sponsored debt



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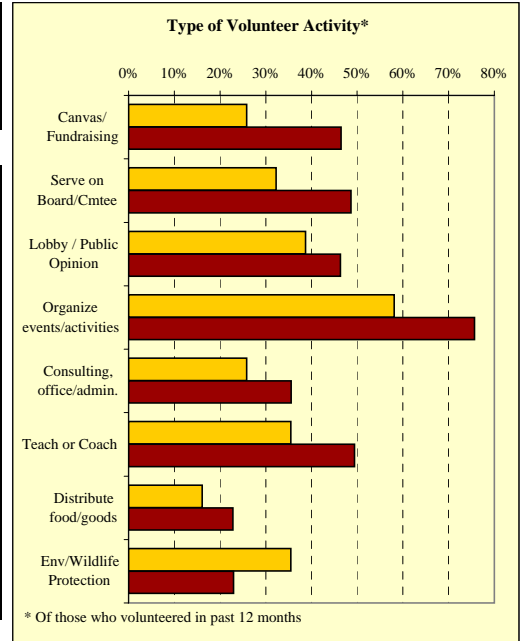
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SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

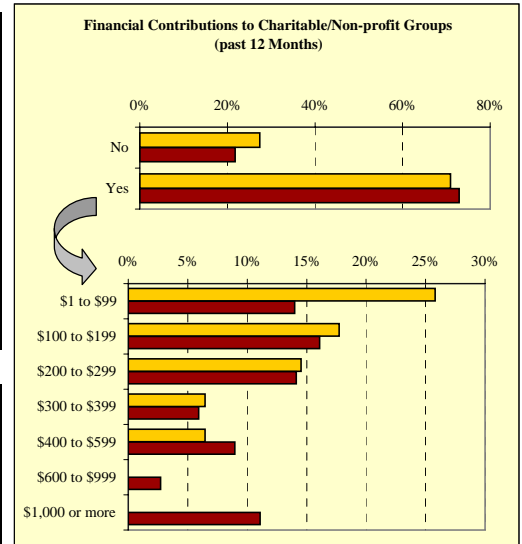
29. In the past 12 months, have you acted as an unpaid volunteer?	26.0101		SFU	
No	30	49%	585	40%
Yes	31	51%	872	60%
Volunteer Hours/Week (Median)	1		1	

30. In the past 12 months, as an unpaid volunteer for an organization did you...	26.0101		SFU	
do any canvassing, campaigning or fundraising?	8	26%*	405	46%*
serve as an unpaid member of a board or committee?	10	32%*	424	49%*
provide information or help to educate, influence public opinion, or lobby others?	12	39%*	404	46%*
help to organize/supervise activities/events for an organization?	18	58%*	660	76%*
do any consulting, executive, office or administrative work?	8	26%*	310	36%*
teach or coach for an organization?	11	35%*	431	49%*
collect, serve or deliver food or other goods?	5	16%*	199	23%*
engage in any activities aimed at protecting the environment or wildlife?	11	35%*	200	23%*

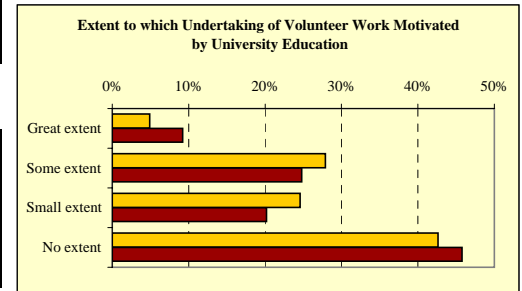
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	26.0101		SFU	
\$0 (None)	17	27%	320	22%
\$1 to \$99	16	26%	206	14%
\$100 to \$199	11	18%	237	16%
\$200 to \$299	9	15%	208	14%
\$300 to \$399	4	6%	87	6%
\$400 to \$599	4	6%	132	9%
\$600 to \$999	-	0%	40	3%
\$1,000 or more	-	0%	163	11%
Median Annual Contribution	\$110		\$200	



32. Member or Participant in...	26.0101		SFU	
Union/Professional Association (work-related)	40	65%	970	66%
Political organization	4	6%	76	5%
Cultural, educational or hobby organization	17	27%	493	33%
Sports or recreation organization	26	42%	627	43%
Religious-affiliated group	6	10%	282	19%
School group, civic, or community association	12	19%	418	28%
Other	3	5%	108	7%



33. To what extent did your university education motivate you to undertake volunteer work?	26.0101		SFU	
Great extent	3	5%*	132	9%*
Some extent	17	28%*	355	25%*
Small extent	15	25%*	289	20%*
No extent	26	43%*	655	46%*

*percentages are of those who thought question was applicable