

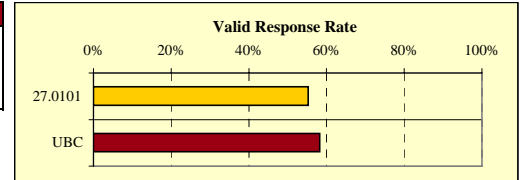
B.C. University Student Outcomes 2001 Survey of 1996 Baccalaureate Graduates

Detailed Summary of Survey Results
University of British Columbia
6 Digit CIP: 27.0101: Mathematics

■ UBC
■ 27.0101

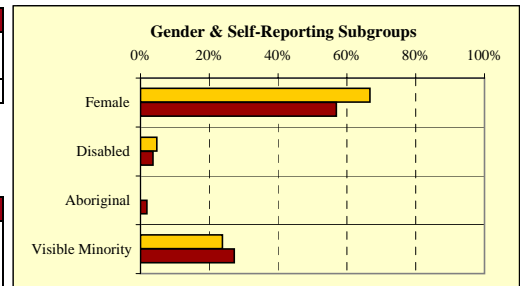
RESPONSE RATE

1. Survey Response Rate:	27.0101	UBC	
Baccalaureate Graduates Survey Cohort	46	4,701	
Net Frame	38	4,135	
Survey Respondents and Valid Response Rate	21	55%	2,409 58%



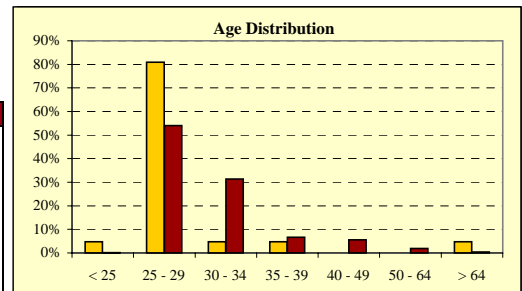
DEMOGRAPHIC INFORMATION

2. Gender:	27.0101	UBC	
Male	7	33%	1,037 43%
Female	14	67%	1,372 57%
Total	21	100%	2,409 100%

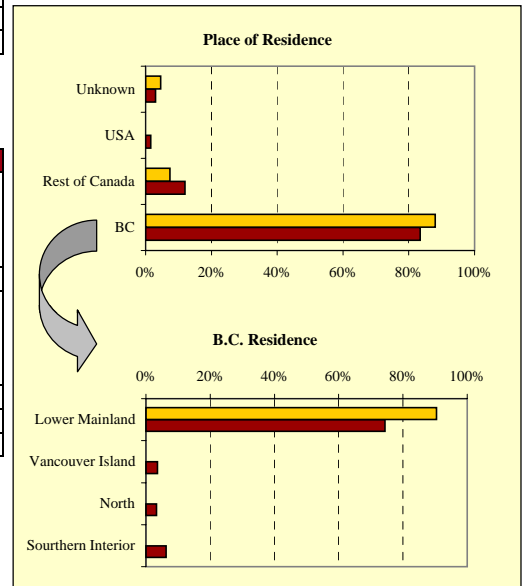


3. Self-Reporting Subgroups:	27.0101	UBC	
Disabled	1	5%	88 4%
Aboriginal	-	0%	45 2%
Visible Minority	5	24%	657 27%

4. Age (at time of survey):	27.0101	UBC	
< 25	1	5%	2 0%
25 to 29	17	81%	1,281 54%
30 to 34	1	5%	742 31%
35 to 39	1	5%	158 7%
40 to 49	-	0%	133 6%
50 to 64	-	0%	44 2%
> 64	1	5%	10 0%
Unknown	-	0%	39 2%
Total	21	100%	2,370 100%
Mean Age:	31.1	31.2	

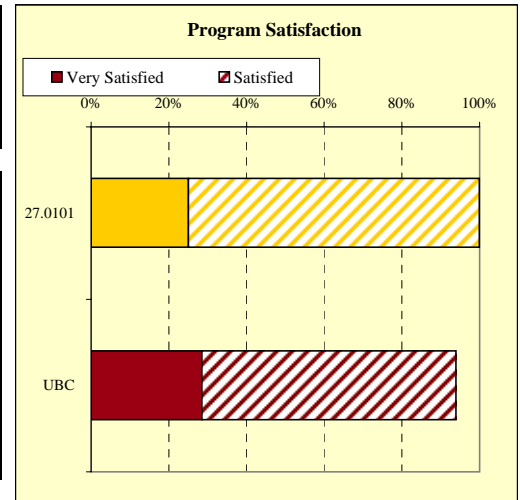


5. Place of Residence (at time of survey):	27.0101	UBC	
BC - Lower Mainland	19	90%	1,793 74%
BC - Vancouver Island	-	0%	86 4%
BC - North	-	0%	78 3%
BC - Southern Interior	-	0%	150 6%
B.C. Subtotal	19	90%	2,107 87%
Canada - Alberta	-	0%	55 2%
Canada - Ontario	1	5%	99 4%
Canada - Other	1	5%	41 2%
U.S.A.	-	0%	64 3%
Non-B.C. Subtotal	2	10%	259 11%
Unknown	-	0%	43 2%
Total	21	100%	2,409 100%



EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	27.0101		UBC	
Very Satisfied	5	25%	685	29%
Satisfied	15	75%	1,573	65%
Dissatisfied	-	0%	128	5%
Very Dissatisfied	-	0%	16	1%
Total	20	100%	2,402	100%

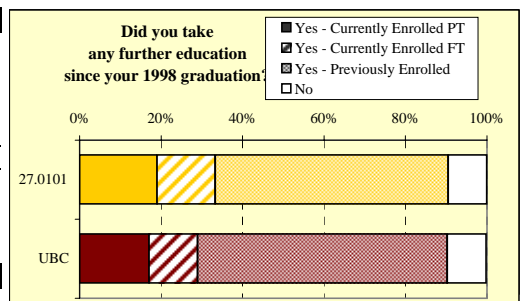


7. Would you select the same program again?	27.0101		UBC	
Yes	19	95%	1,660	71%*
No, because . . . (multiple response question)	1		665	
. . . not enough course variety offered	-	0%*	8	1%*
. . . skills acquired were not very useful	-	0%*	58	7%*
. . . courses were poorly taught	-	0%*	20	2%*
. . . program was too general	-	0%*	49	6%*
. . . courses were not practical	-	0%*	117	14%*
. . . interests have changed	-	0%*	186	22%*
. . . little or no career opportunities	1	100%*	207	25%*
. . . disagree with grading system	-	0%*	2	0%*
. . . disliked institution	-	0%*	3	0%*
. . . other	-	0%*	185	22%*

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

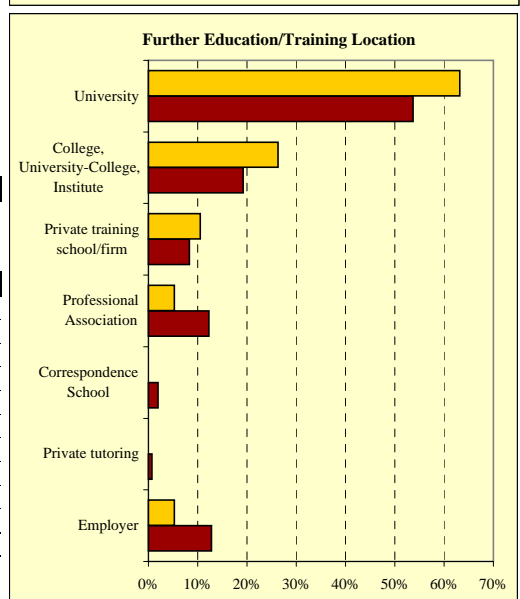
FURTHER EDUCATION

8. Took further education since 1996 graduation?	27.0101		UBC	
Yes:	19	90%	2,178	90%
Not currently enrolled	12	57%	1,476	61%
Currently enrolled full-time	3	14%	288	12%
Currently enrolled part-time	4	19%	411	17%
No	2	10%	231	10%
Total	21	100%	2,409	100%



9. Further education/training location (multiple resp.):*	27.0101		UBC	
University	12	63%*	1,170	54%*
College, University-College, Institute	5	26%*	418	19%*
Private training school/firm	2	11%*	181	8%*
Professional Association	1	5%*	268	12%*
Correspondence School	-	0%*	42	2%*
Private Tutoring	-	0%*	16	1%*
Employer	1	5%*	279	13%*
Other	-	0%*	69	3%*
Total Respondents	19		2,178	

* Percent of respondents



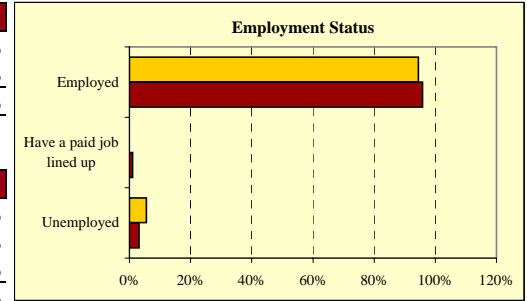
10. Main Reason for Further Education:	27.0101		UBC	
Pursue another Bachelor degree	3	14%	164	7%
Pursue Masters studies	1	5%	263	11%
Pursue Doctoral studies	-	0%	71	3%
Career / job / employment related	13	62%	1,515	62%
Challenge myself intellectually	3	14%	195	8%
To please parents/family	-	0%	2	0%
Did not have a primary/main reason for enrolling	1	5%	6	0%
Required by employer	-	0%	63	3%
Other	-	0%	162	7%
Total	21	100%	2,441	100%

Detailed Summary of Survey Results
University of British Columbia
6 Digit CIP: 27.0101: Mathematics

■ UBC
 ■ 27.0101

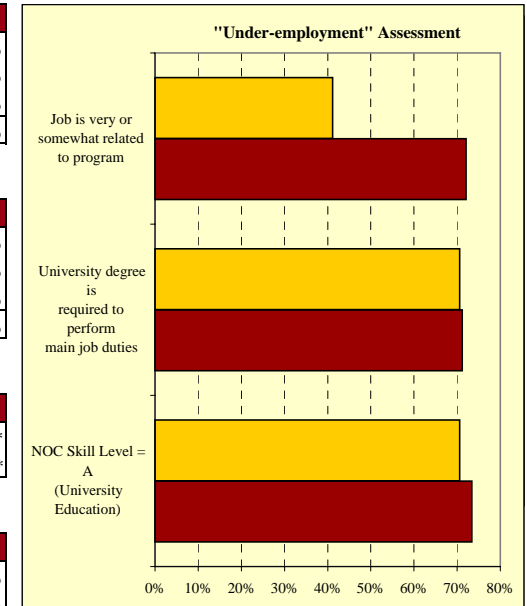
EMPLOYMENT

11. Labour Force Status:	27.0101	UBC
In Labour Force (working or seeking work)	18 86%	2,198 91%
Not in Labour Force	3 14%	211 9%
Grand Total	21 100%	2,409 100%



12. Employment Status of those IN Labour Force:	27.0101	UBC
Employed	17 94%	2,107 96%
Have a paid job lined up	- 0%	22 1%
Unemployed	1 6%	69 3%
Total Labour Force	18 100%	2,198 100%

13. Status of Graduates NOT in Labour Force:	27.0101	UBC
Attending School FT	1 33%	106 50%
Attending School PT	- 0%	13 6%
Other	2 67%	92 44%
Total NOT in Labour Force	3 100%	211 100%



14. Employment Type:	27.0101	UBC
Paid worker	14 82%	1,845 88%
Self-employed	1 6%	171 8%
Both a paid worker and self-employed	2 12%	91 4%
Total Employed	17 100%	2,107 100%

15. Job Characteristics:	27.0101	UBC
I hold more than one job	3 18%*	297 14%*
My main job is full-time (>= 30 hours per week)	13 76%**	1,822 88%**

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

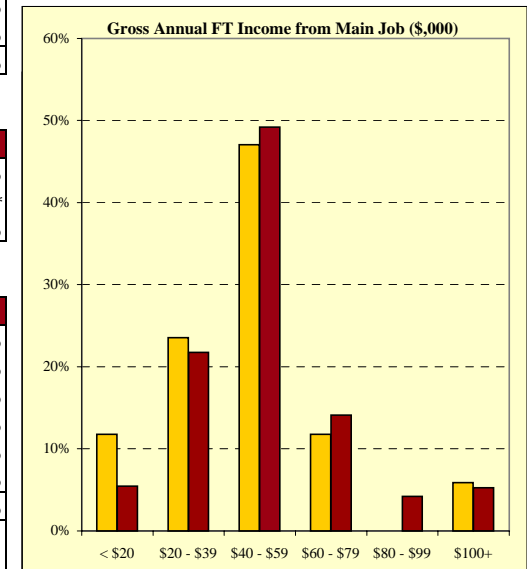
16. How related is your main job to your program?	27.0101	UBC
Very Related	5 31%	896 43%
Somewhat Related	2 13%	623 30%
Not Very Related	6 38%	270 13%
Not At All Related	3 19%	316 15%
Total	16 100%	2,105 100%

17. "Under-employment" Assessment:	27.0101	UBC
Job is very or somewhat related to program	7 41%	1,519 72%
University degree is required to perform main job duties	12 71%*	1,444 71%*
NOC Skill Level = A (University Education)	12 71%	1,536 73%

* of total valid responses

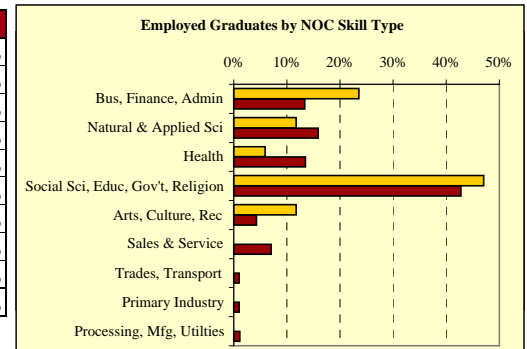
18. Gross Annual Income from Main Job:*	27.0101	UBC
Less than \$20,000	2 12%	104 5%
\$20,000 to \$39,999	4 24%	415 22%
\$40,000 to \$59,999	8 47%	938 49%
\$60,000 to \$79,999	2 12%	269 14%
\$80,000 to \$99,999	- 0%	80 4%
\$100,000 and Above	1 6%	100 5%
Total	17 100%	1,906 100%
Median Annual Income (full-time)	\$44,850	\$47,000
Average Annual Income (full-time)	\$52,495	\$57,205

* where data provided

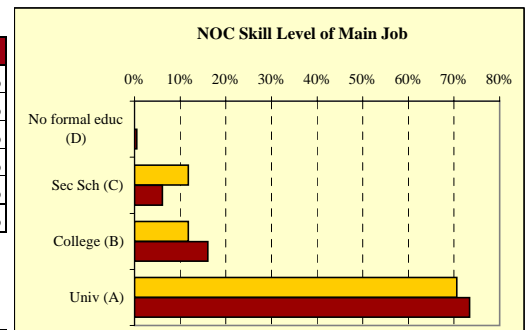


EMPLOYMENT, continued

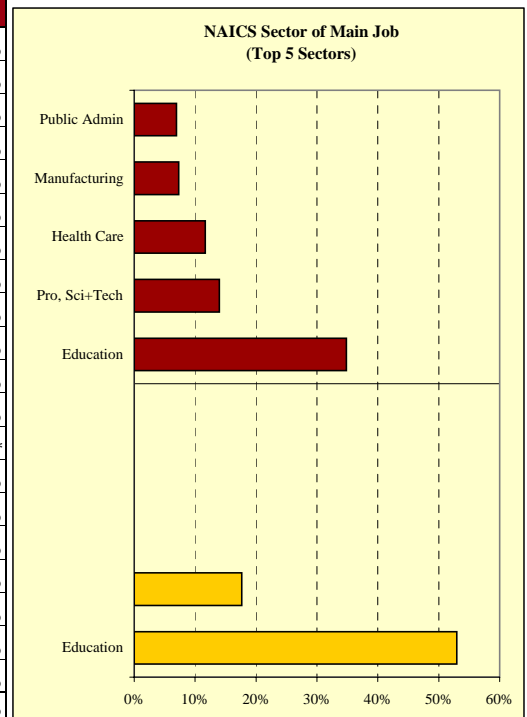
19. NOC Skill Type of Main Job:	27.0101	UBC		
Business, Finance and Administration	4	24%	280	13%
Natural and Applied Sciences and Related	2	12%	332	16%
Health	1	6%	282	13%
Social Sciences, Educ., Gov't Services, Religion	8	47%	894	43%
Arts, Culture, Recreation and Sport	2	12%	90	4%
Sales and Service	-	0%	147	7%
Trades, Transport and Eqp. Operators and Related	-	0%	21	1%
Unique to the Primary Industry	-	0%	21	1%
Unique to Processing, Manufacturing and Utilities	-	0%	24	1%
Total	17	100%	2,091	100%



20. NOC Skill Level of Main Job:	27.0101	UBC		
A. University education	12	71%	1,536	73%
B. College education/trade apprenticeship	2	12%	336	16%
C. Secondary school + job-specific training	2	12%	128	6%
D. No formal education	-	0%	10	0%
No Skill Level assigned (management)	1	6%	83	4%
Total	17	100%	2,093	100%



21. NAICS Sector of Main Job:	27.0101	UBC		
Agriculture, Forestry, Fishing and Hunting	*	*	32	2%
Mining and Oil and Gas Extraction	*	*	10	0%
Utilities	*	*	11	1%
Construction	*	*	18	1%
Manufacturing	*	*	152	7%
Wholesale Trade	*	*	16	1%
Retail Trade	*	*	84	4%
Transportation and Warehousing	*	*	36	2%
Information and Cultural Industries	*	*	109	5%
Finance and Insurance	*	*	97	5%
Real Estate and Rental and Leasing	*	*	12	1%
Professional, Scientific and Technical Services	*	*	292	14%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*	10	0%
Education Services	9	53%	727	35%
Health Care and Social Assistance	*	*	243	12%
Arts, Entertainment and Recreation	*	*	34	2%
Accommodation and Food services	*	*	21	1%
Other Service (except Public Administration)	*	*	38	2%
Public Administration	*	*	145	7%
Total	17	100%	2087	100%



*data not displayed where n < 5

EMPLOYMENT, continued

22a. Top 10 Full-time Occupations of 27.0101 Graduates:			27.0101	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
*				
*				
*				
*				
*				
*				
*				
*				
*				
*				

*data not displayed where n < 5

**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 University of British Columbia:			UBC	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
4141	A	Secondary School Teachers	13%	\$44,000
4142	A	Elem & Kindergarten Teacher	10%	\$42,000
4112	A	Lawyers & Quebec Notaries	4%	\$77,500
3152	A	Registered Nurses	3%	\$51,000
1111	A	Financial Auditors & Acnts	2%	\$62,000
3131	A	Pharmacists	2%	\$65,208
2173	A	Software Engineers	2%	\$60,500
1122	A	Occs in Bus Svcs to Mgmt	2%	\$60,500
4131	A	College & Other Voc Instructors	1%	\$40,000
6221	B	Tech Sales Specialists, Wholesale	1%	\$65,000

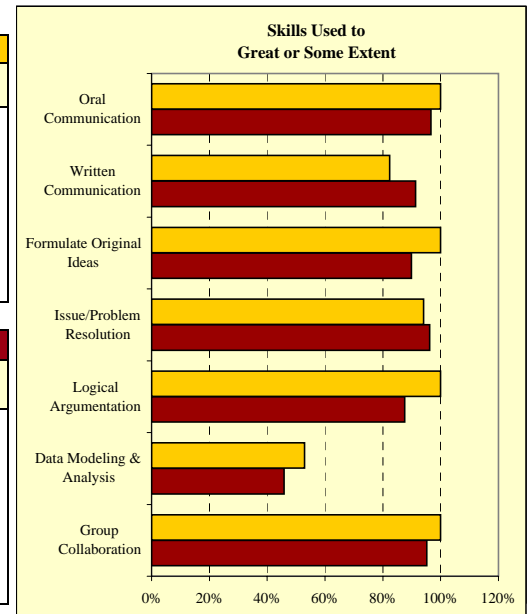
*data not displayed where n < 5

**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	94%	6%	0%	0%		17
Written Communication	71%	12%	18%	0%		17
Formulate Original Ideas	53%	47%	0%	0%		17
Issue/Problem Resolution	76%	18%	6%	0%		17
Logical Argumentation	65%	35%	0%	0%		17
Data Modeling & Analysis	35%	18%	24%	24%		17
Group Collaboration	82%	18%	0%	0%		17

23b. To what extent do you use [the following skills] in your main job?	UBC					# Resp.
	Great Extent	Some Extent	Small Extent	No Extent		
Oral Communication	81%	16%	3%	1%		2,103
Written Communication	69%	22%	6%	2%		2,102
Formulate Original Ideas	53%	37%	8%	2%		2,101
Issue/Problem Resolution	78%	18%	3%	1%		2,102
Logical Argumentation	53%	35%	10%	3%		2,097
Data Modeling & Analysis	20%	26%	31%	24%		2,093
Group Collaboration	77%	18%	4%	1%		2,103



EDUCATION FINANCING

24. Education Funding Sources (2 sources per respondent):	27.0101		UBC	
Personal Savings	2	10%*	409	17%*
Employment	11	52%*	1,450	60%*
Family/Friends	12	57%*	980	41%*
Bank Loans	1	5%*	32	1%*
Student Loans	4	19%*	845	35%*
Scholarships/Bursaries/Grants	4	19%*	336	14%*
Other	1	5%*	36	1%*
Total Respondents	21		2,409	

* Percentage of respondents who identified this source

25. Financial Debt Incurred to Finance Univ. Education:	27.0101		UBC	
Incurred any form of financial debt	7	35%*	996	43%*
Incurred government-sponsored student loan debt	5	25%*	856	37%*

* Percentage of respondents who provided data

26. Financial Debt Amount:*	27.0101		UBC	
< \$1,000	-	0%	5	1%
\$1,000 to \$4,999	1	14%	92	9%
\$5,000 to \$9,999	1	14%	188	19%
\$10,000 to \$14,999	2	29%	215	22%
\$15,000 to \$19,999	1	14%	124	12%
\$20,000 to \$29,999	2	29%	209	21%
\$30,000 to \$39,999	-	0%	115	12%
\$40,000 or More	-	0%	48	5%
Total	7	100%	996	100%
Median Financial Debt	\$12,000		\$14,000	

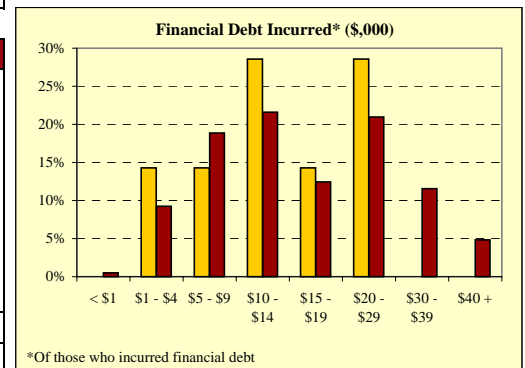
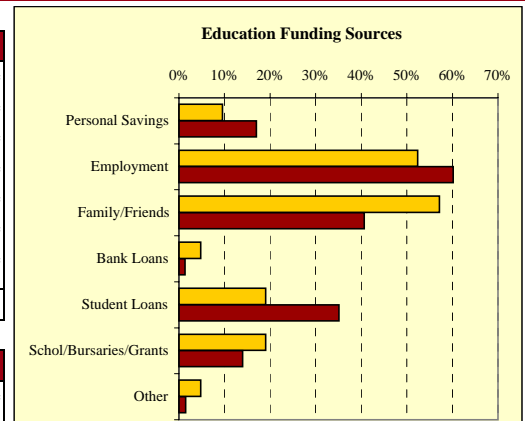
*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	27.0101		UBC	
< \$1,000	-	0%	6	1%
\$1,000 to \$4,999	1	20%	74	9%
\$5,000 to \$9,999	-	0%	172	20%
\$10,000 to \$14,999	2	40%	184	21%
\$15,000 to \$19,999	1	20%	126	15%
\$20,000 to \$29,999	1	20%	206	24%
\$30,000 to \$39,999	-	0%	75	9%
\$40,000 or More	-	0%	13	2%
Total	5	100%	856	100%
Median Gov't-Sponsored Student Loan Debt	\$10,000		\$14,000	

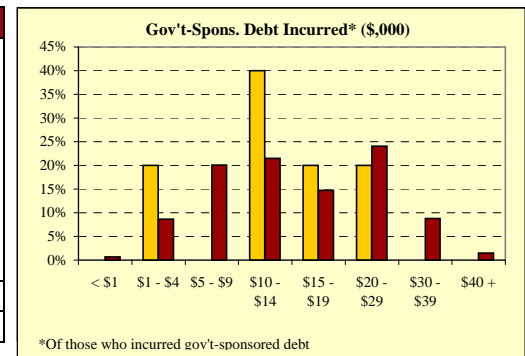
*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	27.0101		UBC	
None - Loan repaid in full	3	60%	348	44%
< \$1,000	-	0%	8	1%
\$1,000 to \$4,999	-	0%	106	14%
\$5,000 to \$9,999	-	0%	127	16%
\$10,000 to \$14,999	1	20%	73	9%
\$15,000 to \$19,999	1	20%	50	6%
\$20,000 to \$29,999	-	0%	54	7%
\$30,000 to \$39,999	-	0%	12	2%
\$40,000 or More	-	0%	6	1%
Total	5	100%	784	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$0		\$2,000	

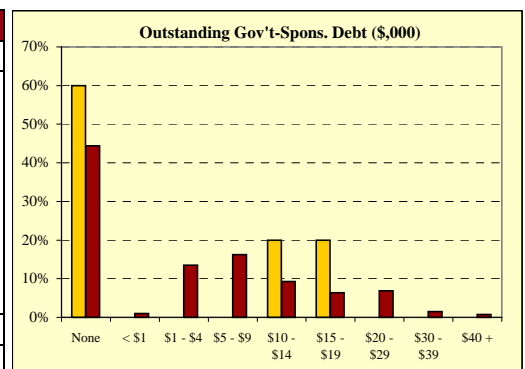
*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



*Of those who incurred financial debt



*Of those who incurred gov't-sponsored debt

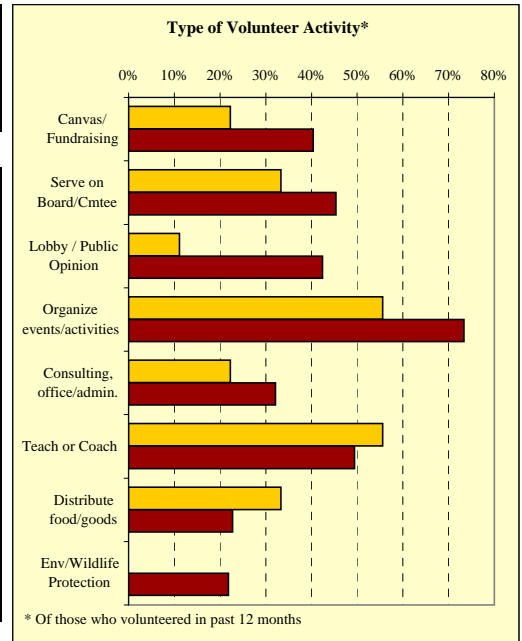


SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

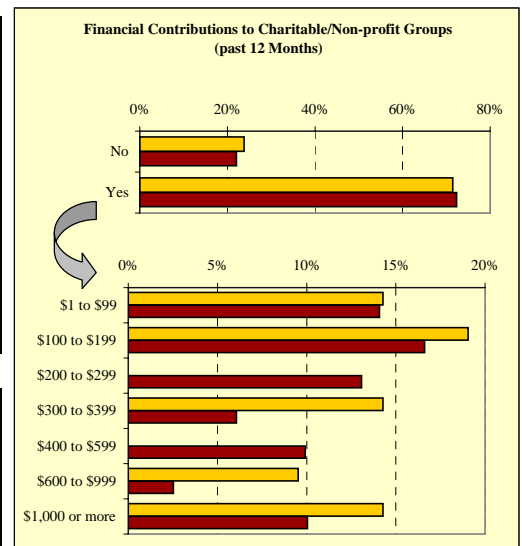
29.	In the past 12 months, have you acted as an unpaid volunteer?	27.0101		UBC	
	No	12	57%	1,046	44%
	Yes	9	43%	1,339	56%
	Volunteer Hours/Week (Median)	1		1	

30.	In the past 12 months, as an unpaid volunteer for an organization did you...	27.0101		UBC	
	do any canvassing, campaigning or fundraising?	2	22%*	541	40%*
	serve as an unpaid member of a board or committee?	3	33%*	607	45%*
	provide information or help to educate, influence public opinion, or lobby others?	1	11%*	568	42%*
	help to organize/supervise activities/events for an organization?	5	56%*	982	73%*
	do any consulting, executive, office or administrative work?	2	22%*	430	32%*
	teach or coach for an organization?	5	56%*	662	49%*
	collect, serve or deliver food or other goods?	3	33%*	305	23%*
	engage in any activities aimed at protecting the environment or wildlife?	-	0%*	292	22%*

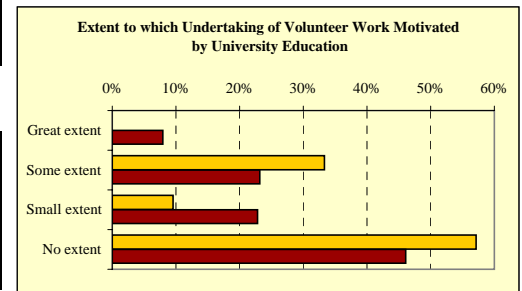
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31.	Financial contributions to charitable or non-profit groups in past 12 months	27.0101		UBC	
	\$0 (None)	5	24%	531	22%
	\$1 to \$99	3	14%	339	14%
	\$100 to \$199	4	19%	400	17%
	\$200 to \$299	-	0%	315	13%
	\$300 to \$399	3	14%	146	6%
	\$400 to \$599	-	0%	239	10%
	\$600 to \$999	2	10%	61	3%
	\$1,000 or more	3	14%	242	10%
	Median Annual Contribution	\$300		\$200	



32.	Member or Participant in...	27.0101		UBC	
	Union/Professional Association (work-related)	12	57%	1,655	69%
	Political organization	-	0%	108	4%
	Cultural, educational or hobby organization	5	24%	772	32%
	Sports or recreation organization	9	43%	1,074	45%
	Religious-affiliated group	5	24%	492	20%
	School group, civic, or community association	3	14%	612	25%
	Other	1	5%	195	8%



33.	To what extent did your university education motivate you to undertake volunteer work?	27.0101		UBC	
	Great extent	-	0%*	186	8%*
	Some extent	7	33%*	544	23%*
	Small extent	2	10%*	535	23%*
	No extent	12	57%*	1,081	46%*

*percentages are of those who thought question was applicable