

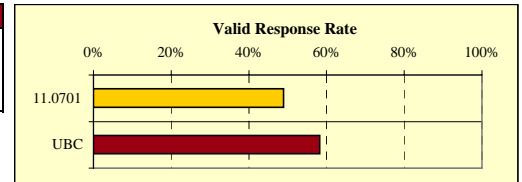
# B.C. University Student Outcomes 2001 Survey of 1996 Baccalaureate Graduates

Detailed Summary of Survey Results  
University of British Columbia  
6 Digit CIP: 11.0701: Computer Science

■ UBC  
■ 11.0701

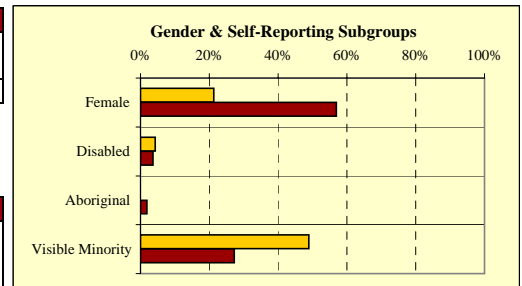
## RESPONSE RATE

1. Survey Response Rate:	11.0701	UBC	
Baccalaureate Graduates Survey Cohort	123	4,701	
Net Frame	96	4,135	
Survey Respondents and Valid Response Rate	47	49%	58%



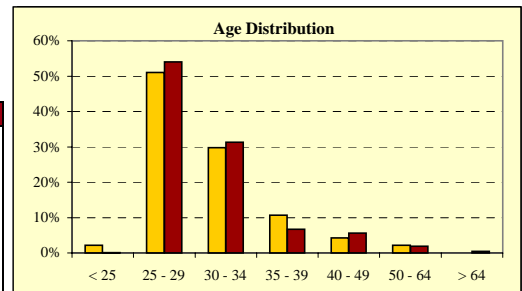
## DEMOGRAPHIC INFORMATION

2. Gender:	11.0701	UBC	
Male	37	79%	1,037 43%
Female	10	21%	1,372 57%
Total	47	100%	2,409 100%

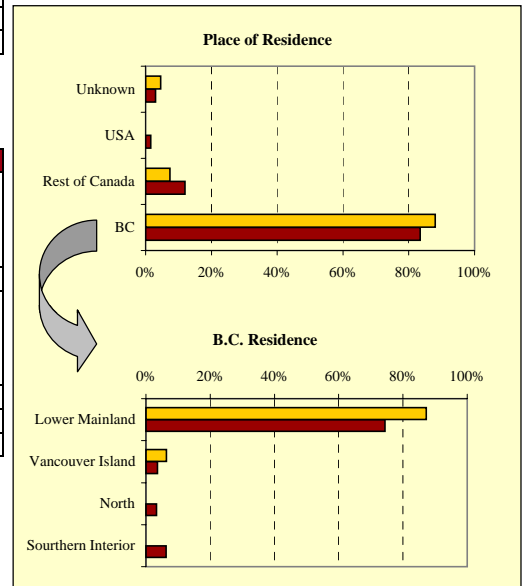


3. Self-Reporting Subgroups:	11.0701	UBC	
Disabled	2	4%	88 4%
Aboriginal	-	0%	45 2%
Visible Minority	23	49%	657 27%

4. Age (at time of survey):	11.0701	UBC	
< 25	1	2%	2 0%
25 to 29	24	51%	1,281 54%
30 to 34	14	30%	742 31%
35 to 39	5	11%	158 7%
40 to 49	2	4%	133 6%
50 to 64	1	2%	44 2%
> 64	-	0%	10 0%
Unknown	-	0%	39 2%
Total	47	100%	2,370 100%
Mean Age:	31.3	31.2	



5. Place of Residence (at time of survey):	11.0701	UBC	
BC - Lower Mainland	41	87%	1,793 74%
BC - Vancouver Island	3	6%	86 4%
BC - North	-	0%	78 3%
BC - Southern Interior	-	0%	150 6%
B.C. Subtotal	44	94%	2,107 87%
Canada - Alberta	2	4%	55 2%
Canada - Ontario	1	2%	99 4%
Canada - Other	-	0%	41 2%
U.S.A.	-	0%	64 3%
Non-B.C. Subtotal	3	6%	259 11%
Unknown	-	0%	43 2%
Total	47	100%	2,409 100%

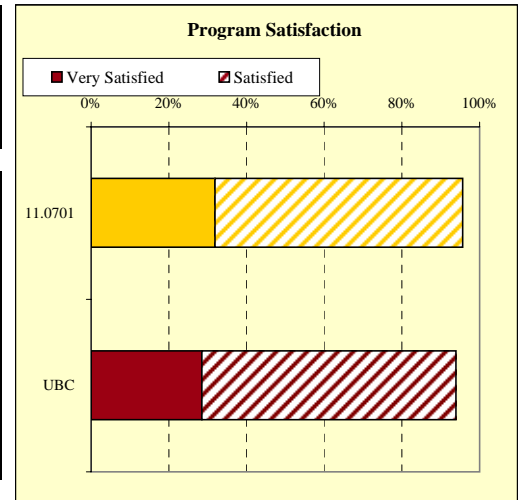


**Detailed Summary of Survey Results**  
**University of British Columbia**  
**6 Digit CIP: 11.0701: Computer Science**

■ UBC  
 ■ 11.0701

**EDUCATION SATISFACTION & PROGRAM EVALUATION**

6. Program Satisfaction:	11.0701		UBC	
Very Satisfied	15	32%	685	29%
Satisfied	30	64%	1,573	65%
Dissatisfied	2	4%	128	5%
Very Dissatisfied	-	0%	16	1%
Total	47	100%	2,402	100%

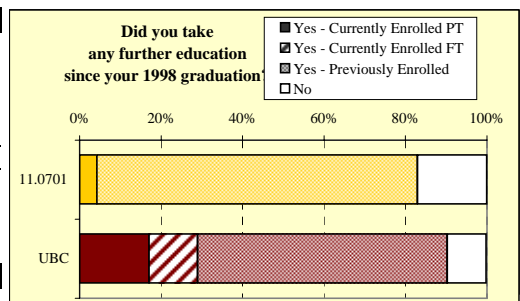


7. Would you select the same program again?	11.0701		UBC	
Yes	43	96%	1,660	71%
No, because . . . (multiple response question)	2		665	
. . . not enough course variety offered	-	0%*	8	1%*
. . . skills acquired were not very useful	1	50%*	58	7%*
. . . courses were poorly taught	-	0%*	20	2%*
. . . program was too general	-	0%*	49	6%*
. . . courses were not practical	-	0%*	117	14%*
. . . interests have changed	-	0%*	186	22%*
. . . little or no career opportunities	-	0%*	207	25%*
. . . disagree with grading system	-	0%*	2	0%*
. . . disliked institution	-	0%*	3	0%*
. . . other	1	50%*	185	22%*

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

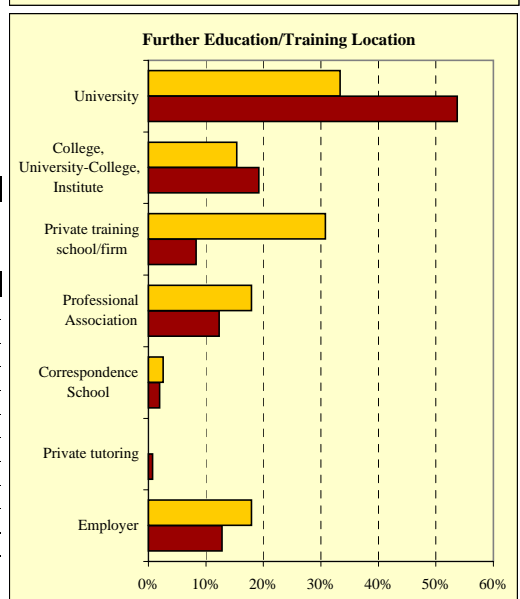
**FURTHER EDUCATION**

8. Took further education since 1996 graduation?	11.0701		UBC	
Yes:	39	83%	2,178	90%
Not currently enrolled	37	79%	1,476	61%
Currently enrolled full-time	-	0%	288	12%
Currently enrolled part-time	2	4%	411	17%
No	8	17%	231	10%
Total	47	100%	2,409	100%



9. Further education/training location (multiple resp.):*	11.0701		UBC	
University	13	33%*	1,170	54%*
College, University-College, Institute	6	15%*	418	19%*
Private training school/firm	12	31%*	181	8%*
Professional Association	7	18%*	268	12%*
Correspondence School	1	3%*	42	2%*
Private Tutoring	-	0%*	16	1%*
Employer	7	18%*	279	13%*
Other	3	8%*	69	3%*
Total Respondents	39		2,178	

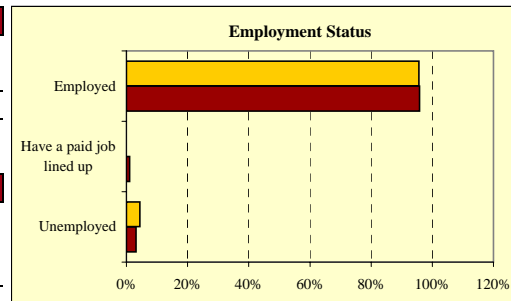
\* Percent of respondents



10. Main Reason for Further Education:	11.0701		UBC	
Pursue another Bachelor degree	-	0%	164	7%
Pursue Masters studies	2	4%	263	11%
Pursue Doctoral studies	-	0%	71	3%
Career / job / employment related	37	76%	1,515	62%
Challenge myself intellectually	3	6%	195	8%
To please parents/family	-	0%	2	0%
Did not have a primary/main reason for enrolling	-	0%	6	0%
Required by employer	3	6%	63	3%
Other	4	8%	162	7%
Total	49	100%	2,441	100%

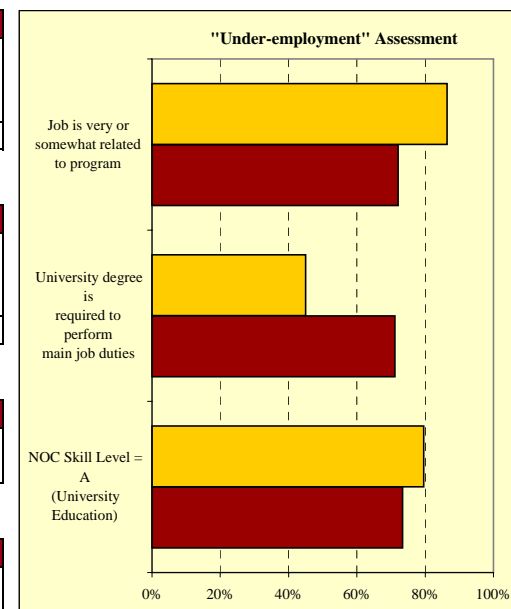
**EMPLOYMENT**

11. Labour Force Status:	11.0701		UBC	
In Labour Force (working or seeking work)	46	98%	2,198	91%
Not in Labour Force	1	2%	211	9%
Grand Total	47	100%	2,409	100%



12. Employment Status of those IN Labour Force:	11.0701		UBC	
Employed	44	96%	2,107	96%
Have a paid job lined up	-	0%	22	1%
Unemployed	2	4%	69	3%
Total Labour Force	46	100%	2,198	100%

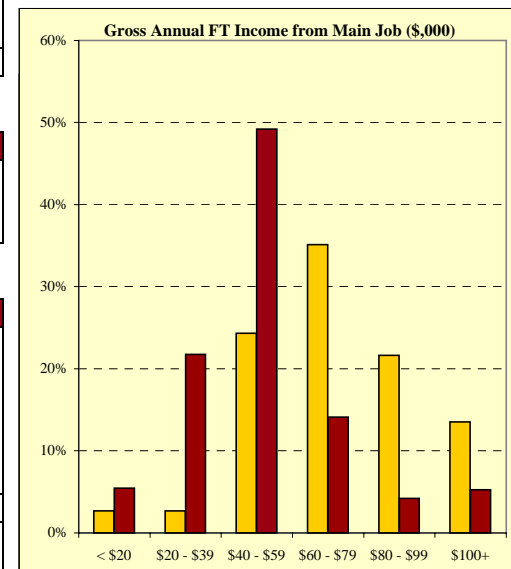
13. Status of Graduates NOT in Labour Force:	11.0701		UBC	
Attending School FT	-	0%	106	50%
Attending School PT	-	0%	13	6%
Other	1	100%	92	44%
Total NOT in Labour Force	1	100%	211	100%



14. Employment Type:	11.0701		UBC	
Paid worker	38	86%	1,845	88%
Self-employed	5	11%	171	8%
Both a paid worker and self-employed	1	2%	91	4%
Total Employed	44	100%	2,107	100%

15. Job Characteristics:	11.0701		UBC	
I hold more than one job	2	5%*	297	14%*
My main job is full-time (>= 30 hours per week)	42	95%**	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?	11.0701		UBC	
Very Related	25	57%	896	43%
Somewhat Related	13	30%	623	30%
Not Very Related	3	7%	270	13%
Not At All Related	3	7%	316	15%
Total	44	100%	2,105	100%

17. "Under-employment" Assessment:	11.0701		UBC	
Job is very or somewhat related to program	38	86%	1,519	72%
University degree is required to perform main job duties	18	45%*	1,444	71%*
NOC Skill Level = A (University Education)	35	80%*	1,536	73%*

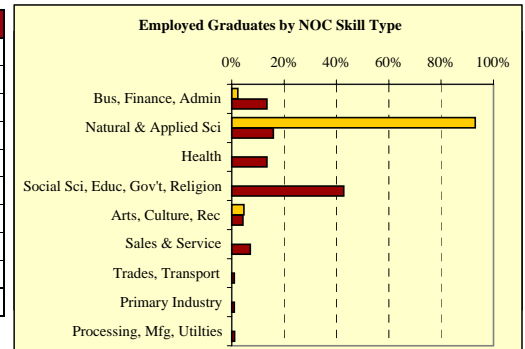
\* of total valid responses

18. Gross Annual Income from Main Job:*	11.0701		UBC	
Less than \$20,000	1	3%	104	5%
\$20,000 to \$39,999	1	3%	415	22%
\$40,000 to \$59,999	9	24%	938	49%
\$60,000 to \$79,999	13	35%	269	14%
\$80,000 to \$99,999	8	22%	80	4%
\$100,000 and Above	5	14%	100	5%
Total	37	100%	1,906	100%
Median Annual Income (full-time)	\$65,000		\$47,000	
Average Annual Income (full-time)	\$85,077		\$57,205	

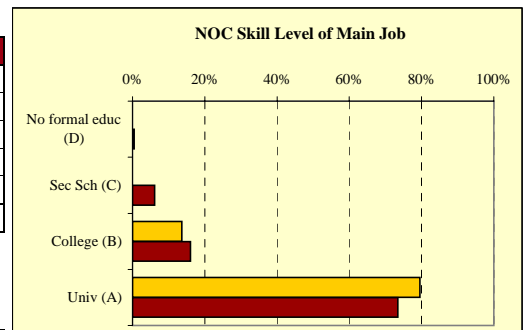
\* where data provided

**EMPLOYMENT, continued**

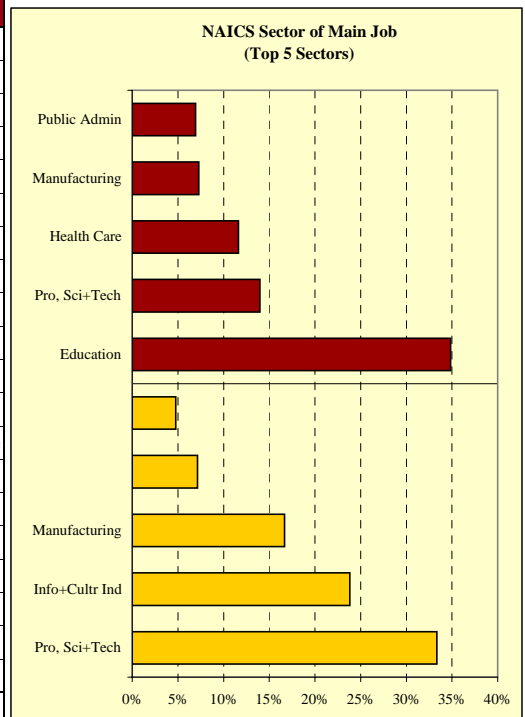
19. NOC Skill Type of Main Job:	11.0701	UBC		
Business, Finance and Administration	1	2%	280	13%
Natural and Applied Sciences and Related	40	93%	332	16%
Health	-	0%	282	13%
Social Sciences, Educ., Gov't Services, Religion	-	0%	894	43%
Arts, Culture, Recreation and Sport	2	5%	90	4%
Sales and Service	-	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%
<b>Total</b>	<b>43</b>	<b>100%</b>	<b>2,091</b>	<b>100%</b>



20. NOC Skill Level of Main Job:	11.0701	UBC		
A. University education	35	80%	1,536	73%
B. College education/trade apprenticeship	6	14%	336	16%
C. Secondary school + job-specific training	-	0%	128	6%
D. No formal education	-	0%	10	0%
No Skill Level assigned (management)	3	7%	83	4%
<b>Total</b>	<b>44</b>	<b>100%</b>	<b>2,093</b>	<b>100%</b>



21. NAICS Sector of Main Job:	11.0701	UBC		
Agriculture, Forestry, Fishing and Hunting	*	*	32	2%
Mining and Oil and Gas Extraction	*	*	10	0%
Utilities	*	*	11	1%
Construction	*	*	18	1%
Manufacturing	7	17%	152	7%
Wholesale Trade	*	*	16	1%
Retail Trade	*	*	84	4%
Transportation and Warehousing	*	*	36	2%
Information and Cultural Industries	10	24%	109	5%
Finance and Insurance	*	*	97	5%
Real Estate and Rental and Leasing	*	*	12	1%
Professional, Scientific and Technical Services	14	33%	292	14%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*	10	0%
Education Services	*	*	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%
<b>Total</b>	<b>42</b>	<b>100%</b>	<b>2087</b>	<b>100%</b>



\*data not displayed where n < 5

**Detailed Summary of Survey Results**  
**University of British Columbia**  
**6 Digit CIP: 11.0701: Computer Science**

■ UBC  
 ■ 11.0701

**EMPLOYMENT, continued**

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

			11.0701	
NOC	Skill Level Description		% Employed FT in this Occ.**	Median FT Salary
2173	A	Software Engineers	39%	\$74,000
2174	A	Computer Programmers/Interactive Media Developers	18%	\$62,000
2171	A	Information Systems Analysts and Consultants	11%	\$85,500
*				
*				
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\*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	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

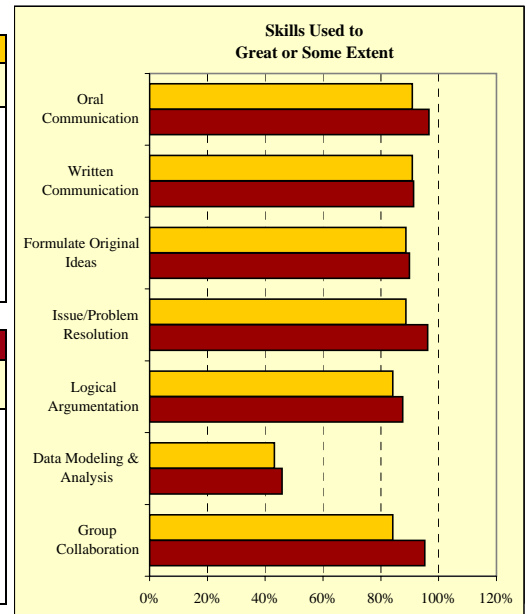
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**SKILLS USED IN EMPLOYMENT**

**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	55%	36%	9%	0%	44
Written Communication	50%	41%	9%	0%	44
Formulate Original Ideas	59%	30%	9%	2%	44
Issue/Problem Resolution	73%	16%	9%	2%	44
Logical Argumentation	52%	32%	9%	7%	44
Data Modeling & Analysis	14%	30%	32%	25%	44
Group Collaboration	61%	23%	9%	7%	44



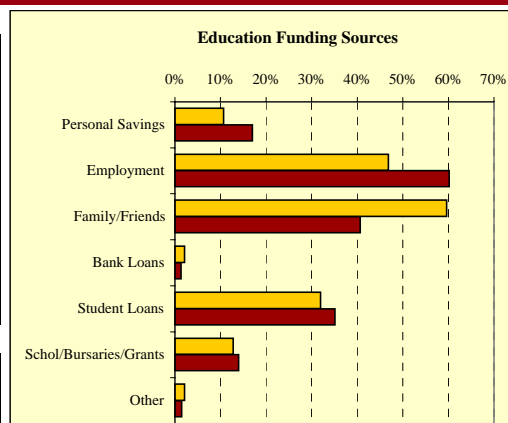
**23b. To what extent do you use [the following skills] in your main job?**

	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**

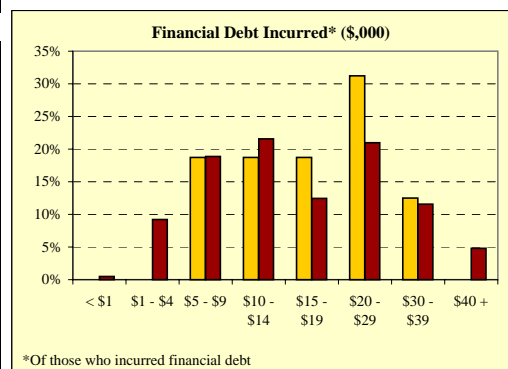
24. Education Funding Sources (2 sources per respondent):	11.0701		UBC	
Personal Savings	5	11%*	409	17%*
Employment	22	47%*	1,450	60%*
Family/Friends	28	60%*	980	41%*
Bank Loans	1	2%*	32	1%*
Student Loans	15	32%*	845	35%*
Scholarships/Bursaries/Grants	6	13%*	336	14%*
Other	1	2%*	36	1%*
<b>Total Respondents</b>	<b>47</b>		<b>2,409</b>	

\* Percentage of respondents who identified this source



25. Financial Debt Incurred to Finance Univ. Education:	11.0701		UBC	
Incurred any form of financial debt	16	35%*	996	43%*
Incurred government-sponsored student loan debt	16	35%*	856	37%*

\* Percentage of respondents who provided data



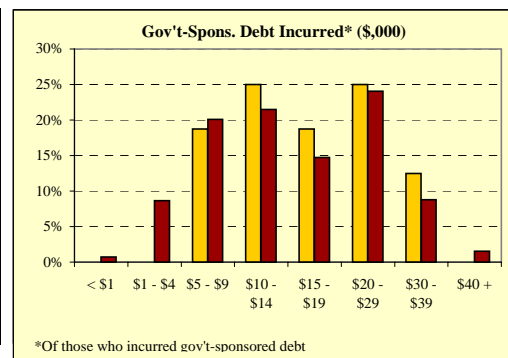
\*Of those who incurred financial debt

26. Financial Debt Amount:*	11.0701		UBC	
< \$1,000	-	0%	5	1%
\$1,000 to \$4,999	-	0%	92	9%
\$5,000 to \$9,999	3	19%	188	19%
\$10,000 to \$14,999	3	19%	215	22%
\$15,000 to \$19,999	3	19%	124	12%
\$20,000 to \$29,999	5	31%	209	21%
\$30,000 to \$39,999	2	13%	115	12%
\$40,000 or More	-	0%	48	5%
<b>Total</b>	<b>16</b>	<b>100%</b>	<b>996</b>	<b>100%</b>
<b>Median Financial Debt</b>	<b>\$15,500</b>		<b>\$14,000</b>	

\*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	11.0701		UBC	
< \$1,000	-	0%	6	1%
\$1,000 to \$4,999	-	0%	74	9%
\$5,000 to \$9,999	3	19%	172	20%
\$10,000 to \$14,999	4	25%	184	21%
\$15,000 to \$19,999	3	19%	126	15%
\$20,000 to \$29,999	4	25%	206	24%
\$30,000 to \$39,999	2	13%	75	9%
\$40,000 or More	-	0%	13	2%
<b>Total</b>	<b>16</b>	<b>100%</b>	<b>856</b>	<b>100%</b>
<b>Median Gov't-Sponsored Student Loan Debt</b>	<b>\$15,000</b>		<b>\$14,000</b>	

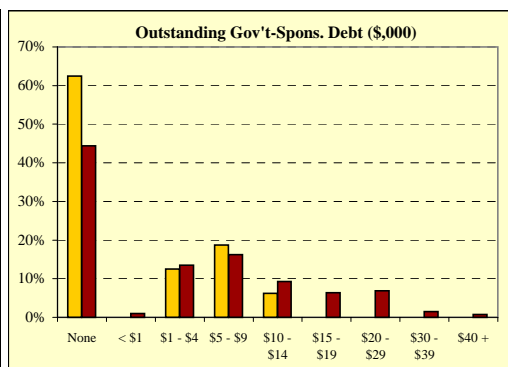
\*includes only cases where government-sponsored debt was incurred



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

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	11.0701		UBC	
None - Loan repaid in full	10	63%	348	44%
< \$1,000	-	0%	8	1%
\$1,000 to \$4,999	2	13%	106	14%
\$5,000 to \$9,999	3	19%	127	16%
\$10,000 to \$14,999	1	6%	73	9%
\$15,000 to \$19,999	-	0%	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%
<b>Total</b>	<b>16</b>	<b>100%</b>	<b>784</b>	<b>100%</b>
<b>Median Gov't-Sponsored Loan Debt Outstanding</b>	<b>\$0</b>		<b>\$2,000</b>	

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

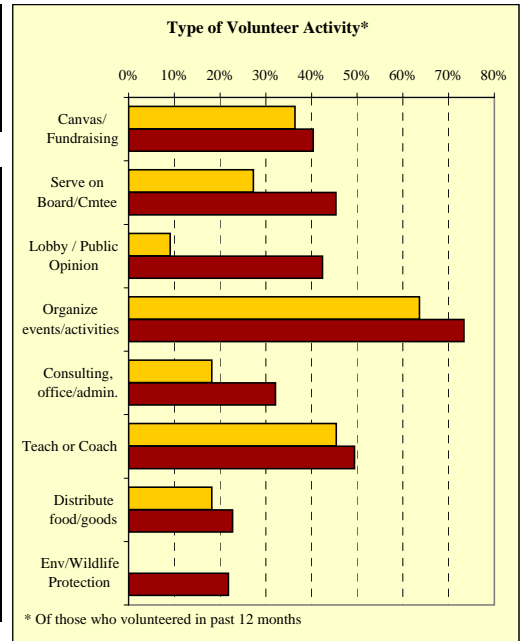


**SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY**

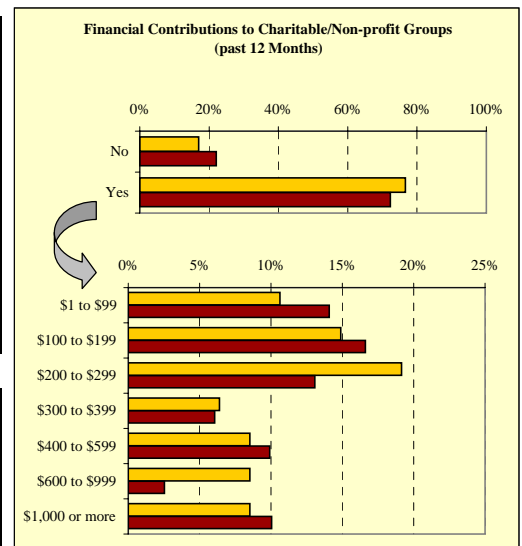
29.	In the past 12 months, have you acted as an unpaid volunteer?	11.0701		UBC	
	No	36	77%	1,046	44%
	Yes	11	23%	1,339	56%
	Volunteer Hours/Week (Median)	1		1	

30.	In the past 12 months, as an unpaid volunteer for an organization did you...	11.0701		UBC	
	do any canvassing, campaigning or fundraising?	4	36%*	541	40%*
	serve as an unpaid member of a board or committee?	3	27%*	607	45%*
	provide information or help to educate, influence public opinion, or lobby others?	1	9%*	568	42%*
	help to organize/supervise activities/events for an organization?	7	64%*	982	73%*
	do any consulting, executive, office or administrative work?	2	18%*	430	32%*
	teach or coach for an organization?	5	45%*	662	49%*
	collect, serve or deliver food or other goods?	2	18%*	305	23%*
	engage in any activities aimed at protecting the environment or wildlife?	-	0%*	292	22%*

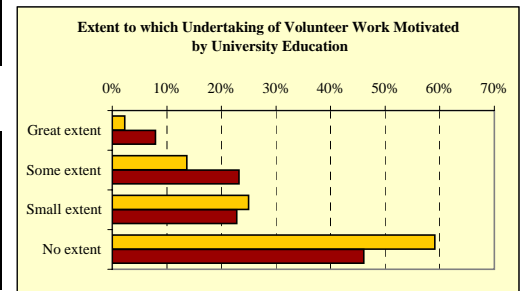
\*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31.	Financial contributions to charitable or non-profit groups in past 12 months	11.0701		UBC	
	\$0 (None)	8	17%	531	22%
	\$1 to \$99	5	11%	339	14%
	\$100 to \$199	7	15%	400	17%
	\$200 to \$299	9	19%	315	13%
	\$300 to \$399	3	6%	146	6%
	\$400 to \$599	4	9%	239	10%
	\$600 to \$999	4	9%	61	3%
	\$1,000 or more	4	9%	242	10%
	Median Annual Contribution	\$200		\$200	



32.	Member or Participant in...	11.0701		UBC	
	Union/Professional Association (work-related)	7	15%	1,655	69%
	Political organization	-	0%	108	4%
	Cultural, educational or hobby organization	8	17%	772	32%
	Sports or recreation organization	13	28%	1,074	45%
	Religious-affiliated group	6	13%	492	20%
	School group, civic, or community association	4	9%	612	25%
	Other	-	0%	195	8%



33.	To what extent did your university education motivate you to undertake volunteer work?	11.0701		UBC	
	Great extent	1	2%*	186	8%*
	Some extent	6	14%*	544	23%*
	Small extent	11	25%*	535	23%*
	No extent	26	59%*	1,081	46%*

\*percentages are of those who thought question was applicable