

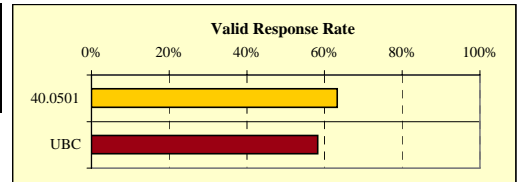
# B.C. University Student Outcomes 2001 Survey of 1996 Baccalaureate Graduates

Detailed Summary of Survey Results  
University of British Columbia  
6 Digit CIP: 40.0501: Chemistry, General

■ UBC  
■ 40.0501

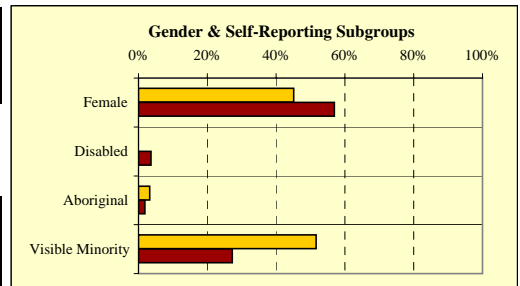
## RESPONSE RATE

1. Survey Response Rate:	40.0501	UBC
Baccalaureate Graduates Survey Cohort	56	4,701
Net Frame	49	4,135
Survey Respondents and Valid Response Rate	31	2,409
	63%	58%



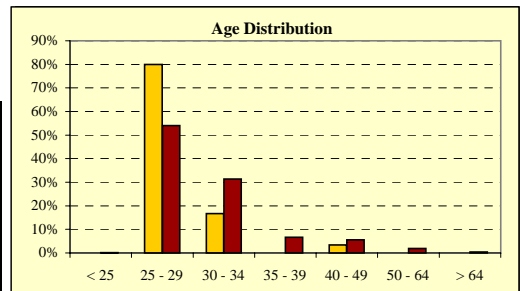
## DEMOGRAPHIC INFORMATION

2. Gender:	40.0501	UBC
Male	17	1,037
Female	14	1,372
Total	31	2,409
	100%	100%

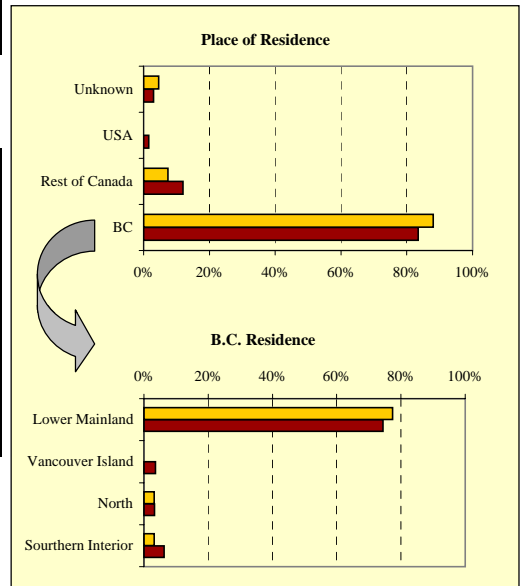


3. Self-Reporting Subgroups:	40.0501	UBC
Disabled	-	88
Aboriginal	1	45
Visible Minority	16	657
	0%	4%
	3%	2%
	52%	27%

4. Age (at time of survey):	40.0501	UBC
< 25	-	2
25 to 29	24	1,281
30 to 34	5	742
35 to 39	-	158
40 to 49	1	133
50 to 64	-	44
> 64	-	10
Unknown	1	39
Total	30	2,370
	100%	100%
Mean Age:	28.6	31.2

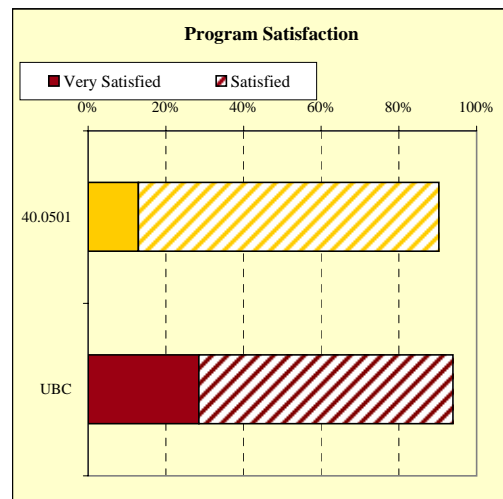


5. Place of Residence (at time of survey):	40.0501	UBC
BC - Lower Mainland	24	1,793
BC - Vancouver Island	-	86
BC - North	1	78
BC - Southern Interior	1	150
B.C. Subtotal	26	2,107
Canada - Alberta	-	55
Canada - Ontario	-	99
Canada - Other	2	41
U.S.A.	1	64
Non-B.C. Subtotal	3	259
Unknown	2	43
Total	31	2,409
	100%	100%



**EDUCATION SATISFACTION & PROGRAM EVALUATION**

6. Program Satisfaction:	40.0501		UBC	
Very Satisfied	4	13%	685	29%
Satisfied	24	77%	1,573	65%
Dissatisfied	2	6%	128	5%
Very Dissatisfied	1	3%	16	1%
Total	31	100%	2,402	100%

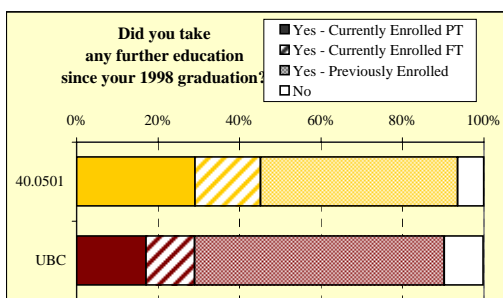


7. Would you select the same program again?	40.0501		UBC	
Yes	14	47%	1,660	71%
No, because . . . (multiple response question)	16		665	
. . . not enough course variety offered	-	0%*	8	1%*
. . . skills acquired were not very useful	-	0%*	58	7%*
. . . courses were poorly taught	-	0%*	20	2%*
. . . program was too general	1	6%*	49	6%*
. . . courses were not practical	3	17%*	117	14%*
. . . interests have changed	4	22%*	186	22%*
. . . little or no career opportunities	8	44%*	207	25%*
. . . disagree with grading system	-	0%*	2	0%*
. . . disliked institution	-	0%*	3	0%*
. . . other	2	11%*	185	22%*

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

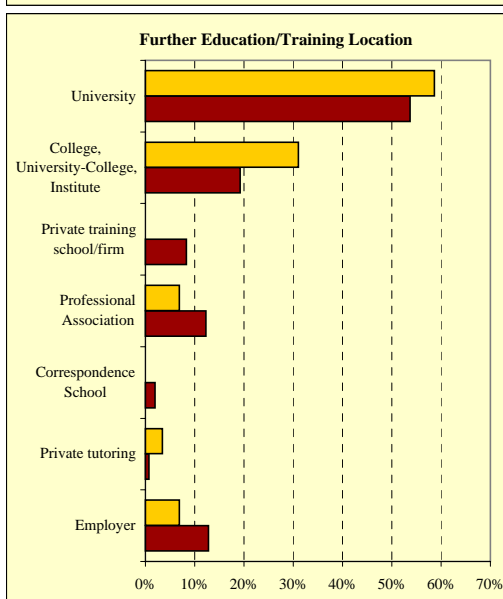
**FURTHER EDUCATION**

8. Took further education since 1996 graduation?	40.0501		UBC	
Yes:	29	94%	2,178	90%
Not currently enrolled	15	48%	1,476	61%
Currently enrolled full-time	5	16%	288	12%
Currently enrolled part-time	9	29%	411	17%
No	2	6%	231	10%
Total	31	100%	2,409	100%



9. Further education/training location (multiple resp.):*	40.0501		UBC	
University	17	59%*	1,170	54%*
College, University-College, Institute	9	31%*	418	19%*
Private training school/firm	-	0%*	181	8%*
Professional Association	2	7%*	268	12%*
Correspondence School	-	0%*	42	2%*
Private Tutoring	1	3%*	16	1%*
Employer	2	7%*	279	13%*
Other	-	0%*	69	3%*
Total Respondents	29		2,178	

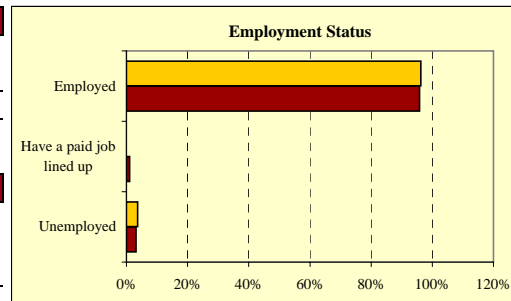
\* Percent of respondents



10. Main Reason for Further Education:	40.0501		UBC	
Pursue another Bachelor degree	4	13%	164	7%
Pursue Masters studies	1	3%	263	11%
Pursue Doctoral studies	1	3%	71	3%
Career / job / employment related	22	71%	1,515	62%
Challenge myself intellectually	2	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	-	0%	63	3%
Other	1	3%	162	7%
Total	31	100%	2,441	100%

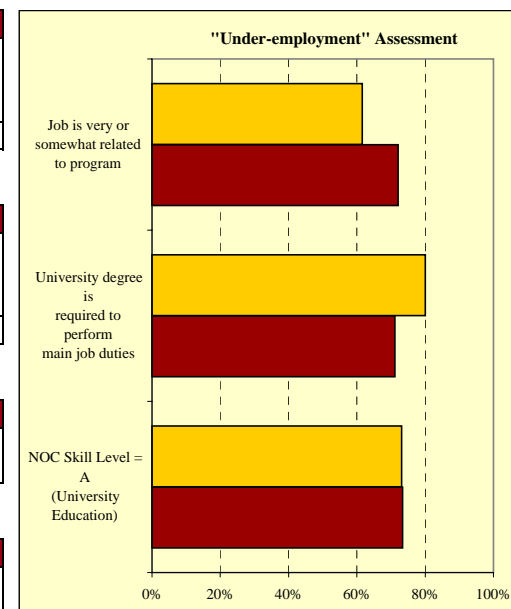
**EMPLOYMENT**

11. Labour Force Status:	40.0501		UBC	
In Labour Force (working or seeking work)	27	87%	2,198	91%
Not in Labour Force	4	13%	211	9%
Grand Total	31	100%	2,409	100%



12. Employment Status of those IN Labour Force:	40.0501		UBC	
Employed	26	96%	2,107	96%
Have a paid job lined up	-	0%	22	1%
Unemployed	1	4%	69	3%
Total Labour Force	27	100%	2,198	100%

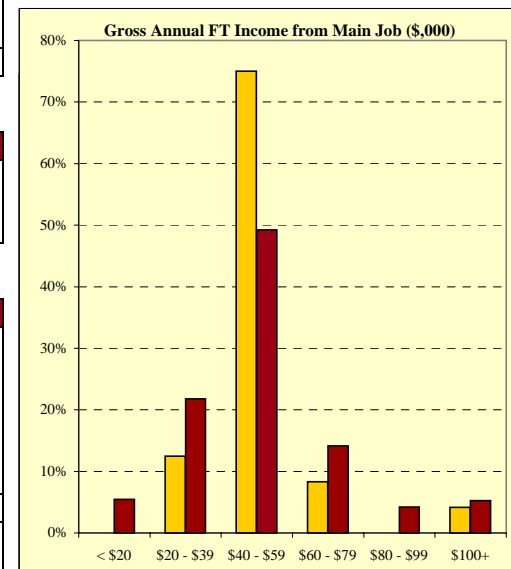
13. Status of Graduates NOT in Labour Force:	40.0501		UBC	
Attending School FT	3	75%	106	50%
Attending School PT	-	0%	13	6%
Other	1	25%	92	44%
Total NOT in Labour Force	4	100%	211	100%



14. Employment Type:	40.0501		UBC	
Paid worker	24	92%	1,845	88%
Self-employed	2	8%	171	8%
Both a paid worker and self-employed	-	0%	91	4%
Total Employed	26	100%	2,107	100%

15. Job Characteristics:	40.0501		UBC	
I hold more than one job	1	4%*	297	14%*
My main job is full-time (>= 30 hours per week)	26	100%**	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?	40.0501		UBC	
Very Related	5	19%	896	43%
Somewhat Related	11	42%	623	30%
Not Very Related	5	19%	270	13%
Not At All Related	5	19%	316	15%
Total	26	100%	2,105	100%

17. "Under-employment" Assessment:	40.0501		UBC	
Job is very or somewhat related to program	16	62%	1,519	72%
University degree is required to perform main job duties	20	80%*	1,444	71%*
NOC Skill Level = A (University Education)	19	73%	1,536	73%

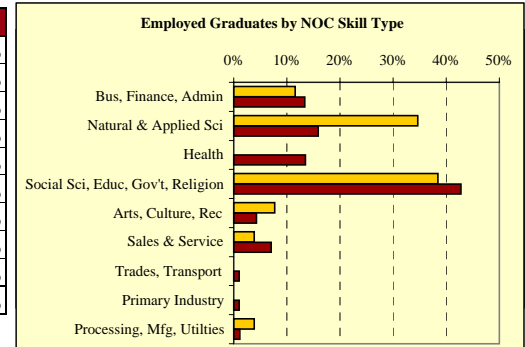
\* of total valid responses

18. Gross Annual Income from Main Job:*	40.0501		UBC	
Less than \$20,000	-	0%	104	5%
\$20,000 to \$39,999	3	13%	415	22%
\$40,000 to \$59,999	18	75%	938	49%
\$60,000 to \$79,999	2	8%	269	14%
\$80,000 to \$99,999	-	0%	80	4%
\$100,000 and Above	1	4%	100	5%
Total	24	100%	1,906	100%
Median Annual Income (full-time)	\$45,750		\$47,000	
Average Annual Income (full-time)	\$51,779		\$57,205	

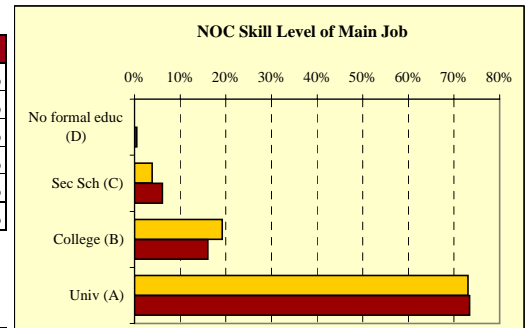
\* where data provided

**EMPLOYMENT, continued**

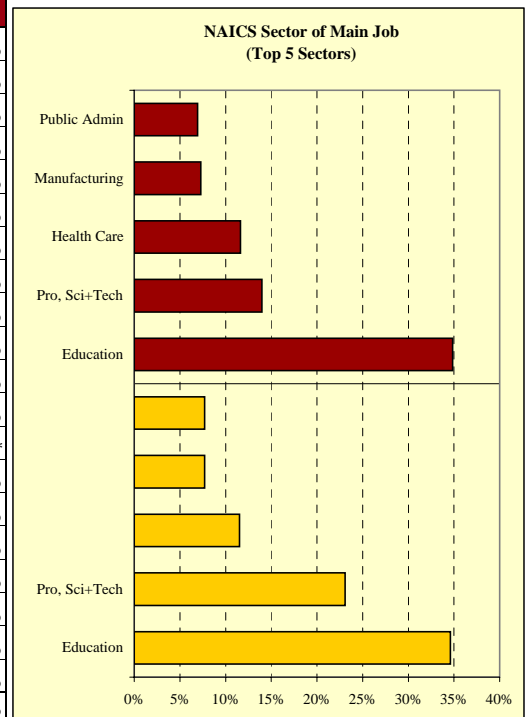
19. NOC Skill Type of Main Job:	40.0501	UBC		
Business, Finance and Administration	3	12%	280	13%
Natural and Applied Sciences and Related	9	35%	332	16%
Health	-	0%	282	13%
Social Sciences, Educ., Gov't Services, Religion	10	38%	894	43%
Arts, Culture, Recreation and Sport	2	8%	90	4%
Sales and Service	1	4%	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	1	4%	24	1%
<b>Total</b>	<b>26</b>	<b>100%</b>	<b>2,091</b>	<b>100%</b>



20. NOC Skill Level of Main Job:	40.0501	UBC		
A. University education	19	73%	1,536	73%
B. College education/trade apprenticeship	5	19%	336	16%
C. Secondary school + job-specific training	1	4%	128	6%
D. No formal education	-	0%	10	0%
No Skill Level assigned (management)	1	4%	83	4%
<b>Total</b>	<b>26</b>	<b>100%</b>	<b>2,093</b>	<b>100%</b>



21. NAICS Sector of Main Job:	40.0501	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	6	23%	292	14%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*	10	0%
Education Services	9	35%	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>26</b>	<b>100%</b>	<b>2087</b>	<b>100%</b>



\*data not displayed where n < 5

**EMPLOYMENT, continued**

**22a. Top 10 Full-time Occupations of 40.0501 Graduates:**

40.0501			% Employed FT in this Occ.**	Median FT Salary
NOC	Skill Level	Description		
4141	A	Secondary School Teachers	19%	\$43,000
*				
*				
*				
*				
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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			% Employed FT in this Occ.**	Median FT Salary
NOC	Skill Level	Description		
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	Oecs in Bus Srvc 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

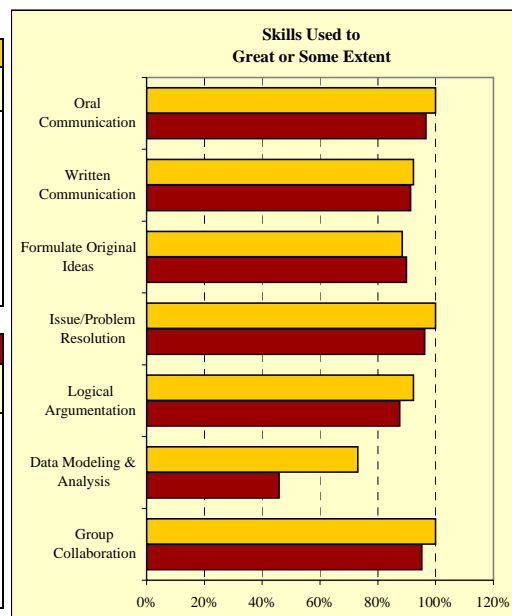
**SKILLS USED IN EMPLOYMENT**

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

	40.0501				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	77%	23%	0%	0%	26
Written Communication	77%	15%	8%	0%	26
Formulate Original Ideas	65%	23%	8%	4%	26
Issue/Problem Resolution	81%	19%	0%	0%	26
Logical Argumentation	50%	42%	8%	0%	26
Data Modeling & Analysis	38%	35%	27%	0%	26
Group Collaboration	88%	12%	0%	0%	26

**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):	40.0501		UBC	
Personal Savings	4	13%*	409	17%*
Employment	25	81%*	1,450	60%*
Family/Friends	15	48%*	980	41%*
Bank Loans	-	0%*	32	1%*
Student Loans	5	16%*	845	35%*
Scholarships/Bursaries/Grants	4	13%*	336	14%*
Other	-	0%*	36	1%*
<b>Total Respondents</b>	<b>31</b>		<b>2,409</b>	

\* Percentage of respondents who identified this source

25. Financial Debt Incurred to Finance Univ. Education:	40.0501		UBC	
Incurred any form of financial debt	6	19%*	996	43%*
Incurred government-sponsored student loan debt	5	16%*	856	37%*

\* Percentage of respondents who provided data

26. Financial Debt Amount:*	40.0501		UBC	
< \$1,000	-	0%	5	1%
\$1,000 to \$4,999	-	0%	92	9%
\$5,000 to \$9,999	1	17%	188	19%
\$10,000 to \$14,999	1	17%	215	22%
\$15,000 to \$19,999	3	50%	124	12%
\$20,000 to \$29,999	1	17%	209	21%
\$30,000 to \$39,999	-	0%	115	12%
\$40,000 or More	-	0%	48	5%
<b>Total</b>	<b>6</b>	<b>100%</b>	<b>996</b>	<b>100%</b>
<b>Median Financial Debt</b>	<b>\$17,500</b>		<b>\$14,000</b>	

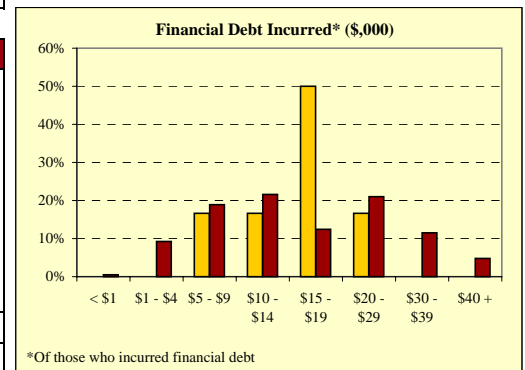
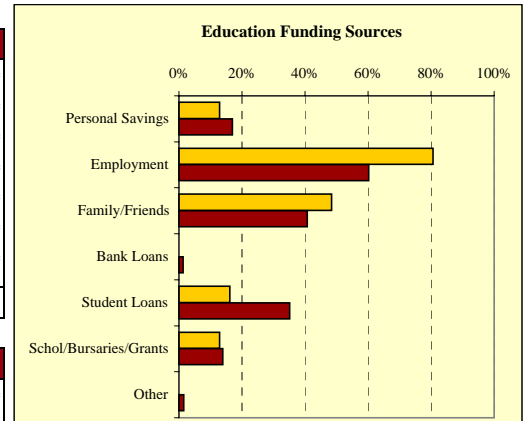
\*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	40.0501		UBC	
< \$1,000	-	0%	6	1%
\$1,000 to \$4,999	-	0%	74	9%
\$5,000 to \$9,999	-	0%	172	20%
\$10,000 to \$14,999	1	20%	184	21%
\$15,000 to \$19,999	3	60%	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%
<b>Total</b>	<b>5</b>	<b>100%</b>	<b>856</b>	<b>100%</b>
<b>Median Gov't-Sponsored Student Loan Debt</b>	<b>\$18,000</b>		<b>\$14,000</b>	

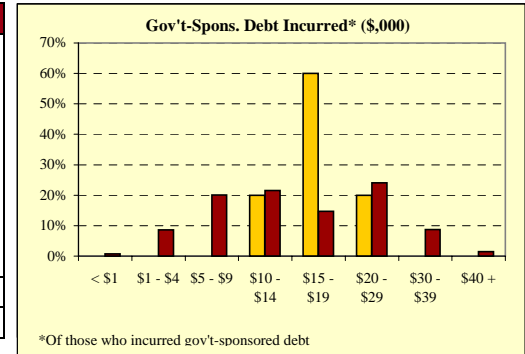
\*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	40.0501		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	1	20%	127	16%
\$10,000 to \$14,999	1	20%	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>5</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>	

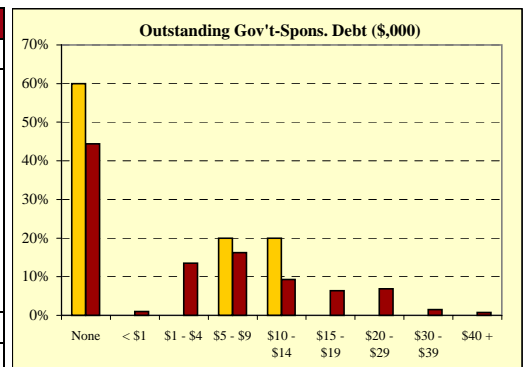
\*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



\*Of those who incurred financial debt



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

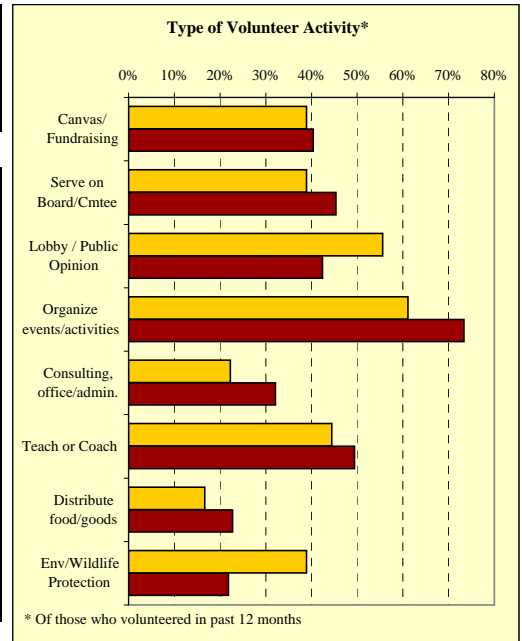


**SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY**

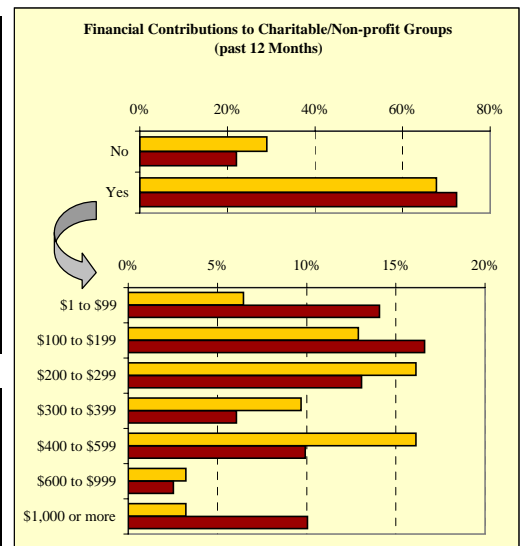
29. In the past 12 months, have you acted as an unpaid volunteer?	40.0501		UBC	
No	12	40%	1,046	44%
Yes	18	60%	1,339	56%
Volunteer Hours/Week (Median)	1		1	

30. In the past 12 months, as an unpaid volunteer for an organization did you...	40.0501		UBC	
do any canvassing, campaigning or fundraising?	7	39%*	541	40%*
serve as an unpaid member of a board or committee?	7	39%*	607	45%*
provide information or help to educate, influence public opinion, or lobby others?	10	56%*	568	42%*
help to organize/supervise activities/events for an organization?	11	61%*	982	73%*
do any consulting, executive, office or administrative work?	4	22%*	430	32%*
teach or coach for an organization?	8	44%*	662	49%*
collect, serve or deliver food or other goods?	3	17%*	305	23%*
engage in any activities aimed at protecting the environment or wildlife?	7	39%*	292	22%*

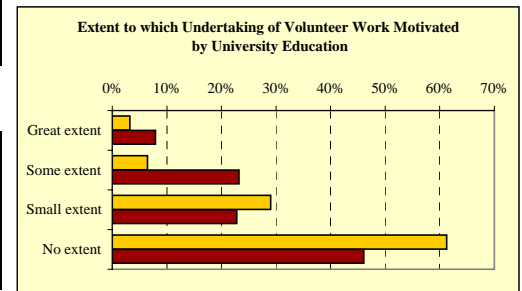
\*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	40.0501		UBC	
\$0 (None)	9	29%	531	22%
\$1 to \$99	2	6%	339	14%
\$100 to \$199	4	13%	400	17%
\$200 to \$299	5	16%	315	13%
\$300 to \$399	3	10%	146	6%
\$400 to \$599	5	16%	239	10%
\$600 to \$999	1	3%	61	3%
\$1,000 or more	1	3%	242	10%
Median Annual Contribution	\$250		\$200	



32. Member or Participant in...	40.0501		UBC	
Union/Professional Association (work-related)	21	68%	1,655	69%
Political organization	2	6%	108	4%
Cultural, educational or hobby organization	9	29%	772	32%
Sports or recreation organization	16	52%	1,074	45%
Religious-affiliated group	4	13%	492	20%
School group, civic, or community association	6	19%	612	25%
Other	4	13%	195	8%



33. To what extent did your university education motivate you to undertake volunteer work?	40.0501		UBC	
Great extent	1	3%*	186	8%*
Some extent	2	6%*	544	23%*
Small extent	9	29%*	535	23%*
No extent	19	61%*	1,081	46%*

\*percentages are of those who thought question was applicable