

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

Detailed Summary of Survey Results

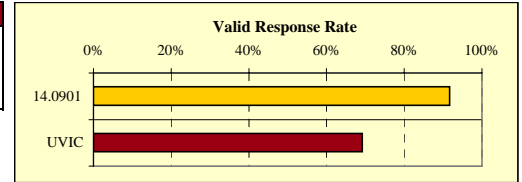
University of Victoria

6 Digit CIP: 14.0901: Computer Engineering

■ UVIC
■ 14.0901

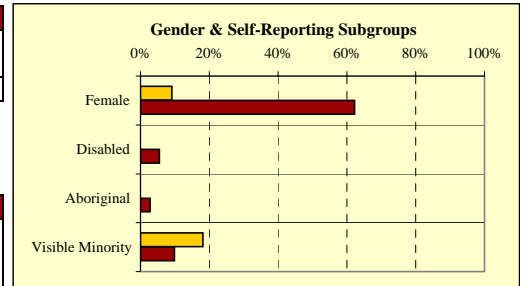
RESPONSE RATE

1. Survey Response Rate:	14.0901	UVIC	
Baccalaureate Graduates Survey Cohort	13	2,392	
Net Frame	12	2,199	
Survey Respondents and Valid Response Rate	11	92%	1,522 69%



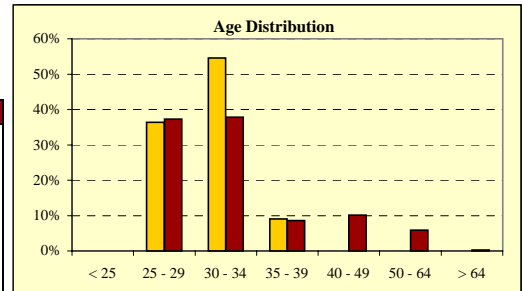
DEMOGRAPHIC INFORMATION

2. Gender:	14.0901	UVIC	
Male	10	91%	575 38%
Female	1	9%	947 62%
Total	11	100%	1,522 100%

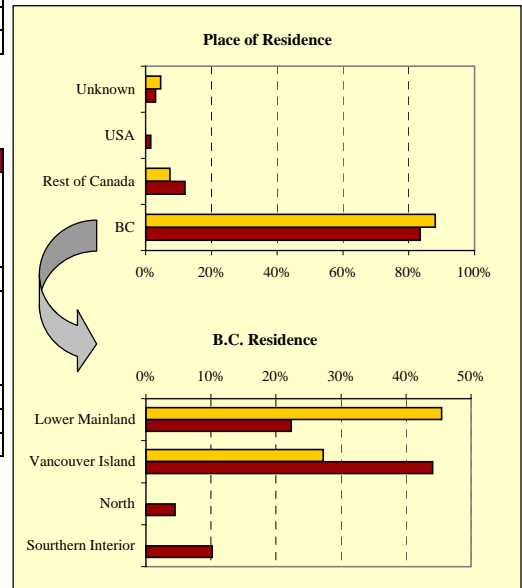


3. Self-Reporting Subgroups:	14.0901	UVIC	
Disabled	-	0%	84 6%
Aboriginal	-	0%	42 3%
Visible Minority	2	18%	150 10%

4. Age (at time of survey):	14.0901	UVIC	
< 25	-	0%	- 0%
25 to 29	4	36%	567 37%
30 to 34	6	55%	576 38%
35 to 39	1	9%	131 9%
40 to 49	-	0%	154 10%
50 to 64	-	0%	90 6%
> 64	-	0%	4 0%
Unknown	-	0%	- 0%
Total	11	100%	1,522 100%
Mean Age:	30.4	33.4	



5. Place of Residence (at time of survey):	14.0901	UVIC	
BC - Lower Mainland	5	45%	340 22%
BC - Vancouver Island	3	27%	671 44%
BC - North	-	0%	68 4%
BC - Southern Interior	-	0%	155 10%
B.C. Subtotal	8	73%	1,234 81%
Canada - Alberta	2	18%	94 6%
Canada - Ontario	-	0%	74 5%
Canada - Other	-	0%	38 2%
U.S.A.	1	9%	46 3%
Non-B.C. Subtotal	3	27%	252 17%
Unknown	-	0%	36 2%
Total	11	100%	1,522 100%



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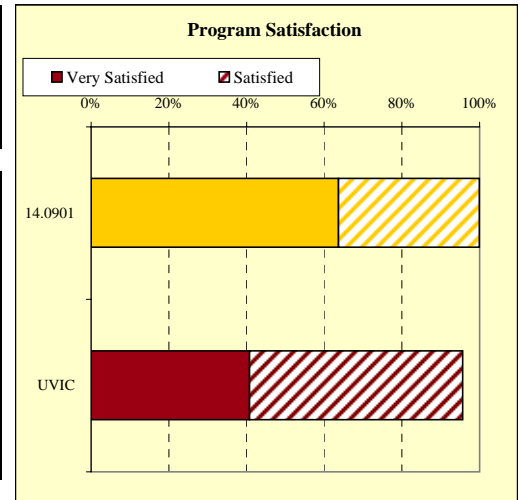
■ UVIC
 ■ 14.0901

EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	14.0901		UVIC	
Very Satisfied	7	64%	620	41%
Satisfied	4	36%	835	55%
Dissatisfied	-	0%	57	4%
Very Dissatisfied	-	0%	8	1%
Total	11	100%	1,520	100%

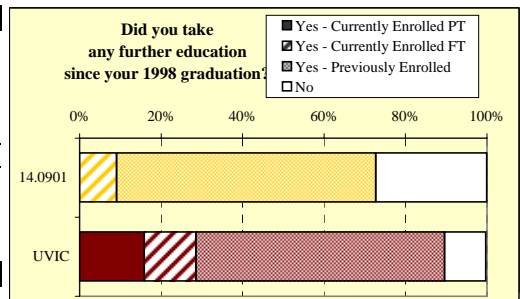
7. Would you select the same program again?	14.0901		UVIC	
Yes	9	90%	1,086	73%
No, because . . . (multiple response question)	1		394	
. . . not enough course variety offered	-	0%*	5	1%*
. . . skills acquired were not very useful	-	0%*	30	6%*
. . . courses were poorly taught	-	0%*	6	1%*
. . . program was too general	-	0%*	44	9%*
. . . courses were not practical	-	0%*	72	14%*
. . . interests have changed	1	100%*	90	18%*
. . . little or no career opportunities	-	0%*	166	33%*
. . . disagree with grading system	-	0%*	-	0%*
. . . disliked institution	-	0%*	1	0%*
. . . other	-	0%*	89	18%*

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



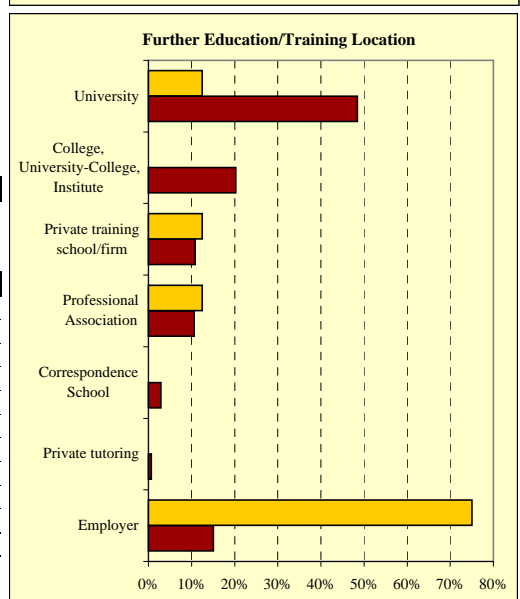
FURTHER EDUCATION

8. Took further education since 1996 graduation?	14.0901		UVIC	
Yes:	8	73%	1,368	90%
Not currently enrolled	7	64%	929	61%
Currently enrolled full-time	1	9%	194	13%
Currently enrolled part-time	-	0%	241	16%
No	3	27%	154	10%
Total	11	100%	1,522	100%



9. Further education/training location (multiple resp.):*	14.0901		UVIC	
University	1	13%*	663	48%*
College, University-College, Institute	-	0%*	277	20%*
Private training school/firm	1	13%*	148	11%*
Professional Association	1	13%*	145	11%*
Correspondence School	-	0%*	40	3%*
Private Tutoring	-	0%*	9	1%*
Employer	6	75%*	206	15%*
Other	-	0%*	53	4%*
Total Respondents	8		1,368	

* Percent of respondents



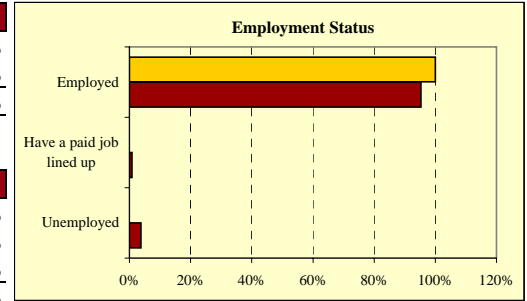
10. Main Reason for Further Education:	14.0901		UVIC	
Pursue another Bachelor degree	-	0%	74	5%
Pursue Masters studies	-	0%	166	11%
Pursue Doctoral studies	1	11%	35	2%
Career / job / employment related	8	89%	965	63%
Challenge myself intellectually	-	0%	115	7%
To please parents/family	-	0%	1	0%
Did not have a primary/main reason for enrolling	-	0%	4	0%
Required by employer	-	0%	63	4%
Other	-	0%	114	7%
Total	9	100%	1,537	100%

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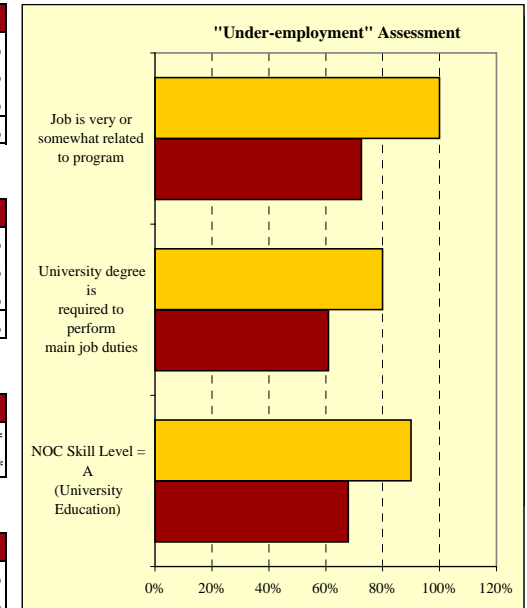
EMPLOYMENT

11. Labour Force Status:	14.0901	UVIC
In Labour Force (working or seeking work)	10 91%	1,362 89%
Not in Labour Force	1 9%	160 11%
Grand Total	11 100%	1,522 100%



12. Employment Status of those IN Labour Force:	14.0901	UVIC
Employed	10 100%	1,298 95%
Have a paid job lined up	- 0%	12 1%
Unemployed	- 0%	52 4%
Total Labour Force	10 100%	1,362 100%

13. Status of Graduates NOT in Labour Force:	14.0901	UVIC
Attending School FT	1 100%	73 46%
Attending School PT	- 0%	7 4%
Other	- 0%	80 50%
Total NOT in Labour Force	1 100%	160 100%



14. Employment Type:	14.0901	UVIC
Paid worker	10 100%	1,109 85%
Self-employed	- 0%	113 9%
Both a paid worker and self-employed	- 0%	76 6%
Total Employed	10 100%	1,298 100%

15. Job Characteristics:	14.0901	UVIC
I hold more than one job	- 0%*	221 17%*
My main job is full-time (>= 30 hours per week)	10 100%**	1,062 83%**

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

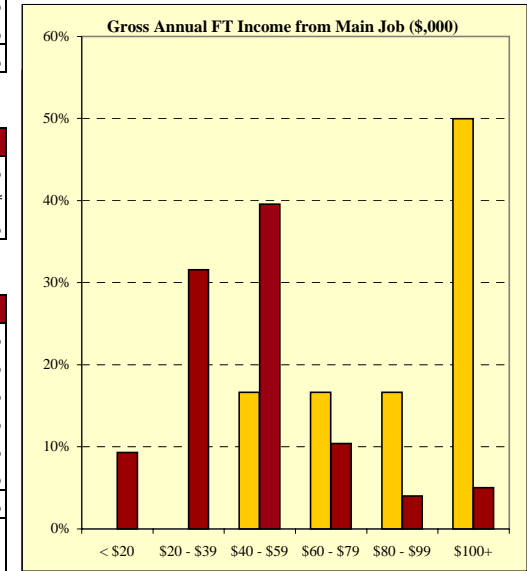
16. How related is your main job to your program?	14.0901	UVIC
Very Related	7 70%	495 38%
Somewhat Related	3 30%	447 34%
Not Very Related	- 0%	150 12%
Not At All Related	- 0%	204 16%
Total	10 100%	1,296 100%

17. "Under-employment" Assessment:	14.0901	UVIC
Job is very or somewhat related to program	10 100%	942 73%
University degree is required to perform main job duties	8 80%*	752 61%*
NOC Skill Level = A (University Education)	9 90%	877 68%

* of total valid responses

18. Gross Annual Income from Main Job:*	14.0901	UVIC
Less than \$20,000	- 0%	111 9%
\$20,000 to \$39,999	- 0%	376 32%
\$40,000 to \$59,999	1 17%	471 40%
\$60,000 to \$79,999	1 17%	124 10%
\$80,000 to \$99,999	1 17%	48 4%
\$100,000 and Above	3 50%	60 5%
Total	6 100%	1,190 100%
Median Annual Income (full-time)	\$93,500	\$45,000
Average Annual Income (full-time)	\$188,333	\$52,942

* where data provided

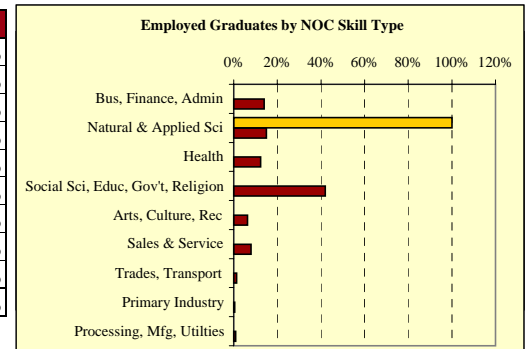


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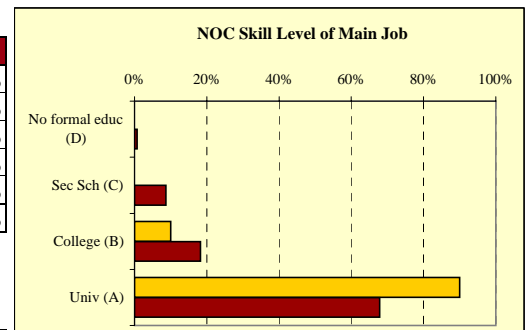
■ UVIC
■ 14.0901

EMPLOYMENT, continued

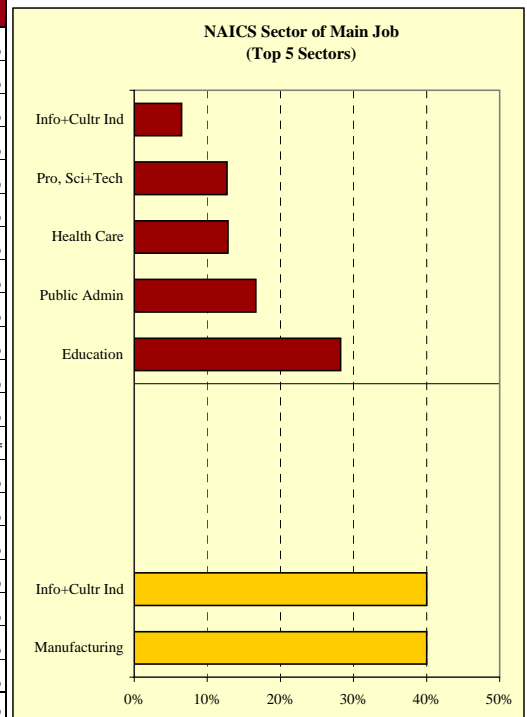
19. NOC Skill Type of Main Job:	14.0901	UVIC		
Business, Finance and Administration	-	0%	179	14%
Natural and Applied Sciences and Related	10	100%	192	15%
Health	-	0%	158	12%
Social Sciences, Educ., Gov't Services, Religion	-	0%	541	42%
Arts, Culture, Recreation and Sport	-	0%	82	6%
Sales and Service	-	0%	103	8%
Trades, Transport and Eqp. Operators and Related	-	0%	17	1%
Unique to the Primary Industry	-	0%	6	0%
Unique to Processing, Manufacturing and Utilities	-	0%	11	1%
Total	10	100%	1,289	100%



20. NOC Skill Level of Main Job:	14.0901	UVIC		
A. University education	9	90%	877	68%
B. College education/trade apprenticeship	1	10%	236	18%
C. Secondary school + job-specific training	-	0%	112	9%
D. No formal education	-	0%	9	1%
No Skill Level assigned (management)	-	0%	58	4%
Total	10	100%	1,292	100%



21. NAICS Sector of Main Job:	14.0901	UVIC		
Agriculture, Forestry, Fishing and Hunting	*	*	10	1%
Mining and Oil and Gas Extraction	*	*	6	0%
Utilities	*	*	2	0%
Construction	*	*	2	0%
Manufacturing	4	40%	67	5%
Wholesale Trade	*	*	13	1%
Retail Trade	*	*	36	3%
Transportation and Warehousing	*	*	19	1%
Information and Cultural Industries	4	40%	83	6%
Finance and Insurance	*	*	56	4%
Real Estate and Rental and Leasing	*	*	5	0%
Professional, Scientific and Technical Services	*	*	163	13%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*	6	0%
Education Services	*	*	363	28%
Health Care and Social Assistance	*	*	165	13%
Arts, Entertainment and Recreation	*	*	29	2%
Accommodation and Food services	*	*	18	1%
Other Service (except Public Administration)	*	*	28	2%
Public Administration	*	*	214	17%
Total	10	100%	1285	100%



*data not displayed where n < 2

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EMPLOYMENT, continued

22a. Top 10 Full-time Occupations of 14.0901 Graduates:

14.0901			% Employed FT in this Occ.**	Median FT Salary
NOC	Skill Level	Description		
2174	A	Computer Programmers/Interactive Media Developers	50%	\$70,000
2173	A	Software Engineers	30%	\$107,000
*				
*				
*				
*				
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*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 University of Victoria:

UVIC			% Employed FT in this Occ.**	Median FT Salary
NOC	Skill Level	Description		
4141	A	Secondary School Teachers	7%	\$40,000
4142	A	Elem & Kindergarten Teacher	7%	\$42,000
3152	A	Registered Nurses	5%	\$52,416
4112	A	Lawyers & Quebec Notaries	4%	\$70,000
4152	A	Social Workers	2%	\$50,000
4212	B	Community & Social Srvc Workers	2%	\$34,034
2173	A	Software Engineers	2%	\$80,000
4131	A	College & Other Voc Instructors	2%	\$43,477
1122	A	Occs in Bus Srvc to Mgmt	2%	\$65,000
2174	A	Computer Programmers/Interactive Media Developers	1%	\$52,000

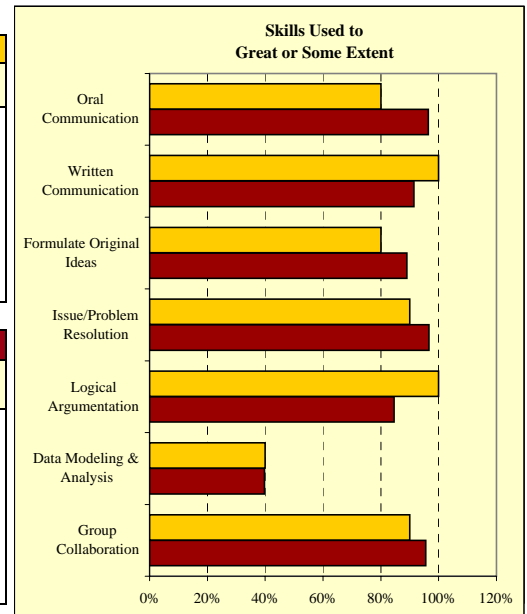
*data not displayed where n < 2

**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?

	14.0901				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	60%	20%	20%	0%	10
Written Communication	60%	40%	0%	0%	10
Formulate Original Ideas	20%	60%	20%	0%	10
Issue/Problem Resolution	70%	20%	10%	0%	10
Logical Argumentation	50%	50%	0%	0%	10
Data Modeling & Analysis	20%	20%	60%	0%	10
Group Collaboration	60%	30%	0%	10%	10



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

	UVIC				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	80%	17%	3%	1%	1,295
Written Communication	68%	24%	6%	3%	1,292
Formulate Original Ideas	55%	34%	8%	3%	1,294
Issue/Problem Resolution	76%	21%	3%	1%	1,296
Logical Argumentation	51%	33%	12%	3%	1,293
Data Modeling & Analysis	16%	24%	29%	31%	1,291
Group Collaboration	79%	17%	4%	1%	1,296

EDUCATION FINANCING

24. Education Funding Sources (2 sources per respondent):	14.0901		UVIC	
Personal Savings	1	9%*	248	16%*
Employment	6	55%*	958	63%*
Family/Friends	4	36%*	509	33%*
Bank Loans	-	0%*	20	1%*
Student Loans	3	27%*	667	44%*
Scholarships/Bursaries/Grants	3	27%*	157	10%*
Other	-	0%*	23	2%*
Total Respondents	11		1,522	

* Percentage of respondents who identified this source

25. Financial Debt Incurred to Finance Univ. Education:	14.0901		UVIC	
Incurred any form of financial debt	3	33%*	805	55%*
Incurred government-sponsored student loan debt	2	22%*	700	48%*

* Percentage of respondents who provided data

26. Financial Debt Amount:*	14.0901		UVIC	
< \$1,000	-	0%	4	0%
\$1,000 to \$4,999	-	0%	69	9%
\$5,000 to \$9,999	2	67%	130	16%
\$10,000 to \$14,999	-	0%	132	16%
\$15,000 to \$19,999	-	0%	109	14%
\$20,000 to \$29,999	1	33%	174	22%
\$30,000 to \$39,999	-	0%	104	13%
\$40,000 or More	-	0%	83	10%
Total	3	100%	805	100%
Median Financial Debt	\$8,000		\$17,000	

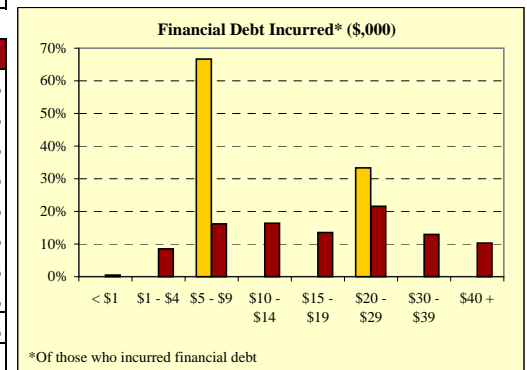
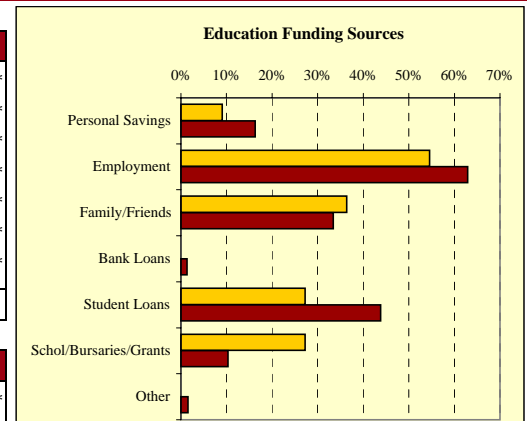
*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	14.0901		UVIC	
< \$1,000	-	0%	2	0%
\$1,000 to \$4,999	1	50%	58	8%
\$5,000 to \$9,999	1	50%	119	17%
\$10,000 to \$14,999	-	0%	114	16%
\$15,000 to \$19,999	-	0%	124	18%
\$20,000 to \$29,999	-	0%	187	27%
\$30,000 to \$39,999	-	0%	63	9%
\$40,000 or More	-	0%	33	5%
Total	2	100%	700	100%
Median Gov't-Sponsored Student Loan Debt	\$4,000		\$16,400	

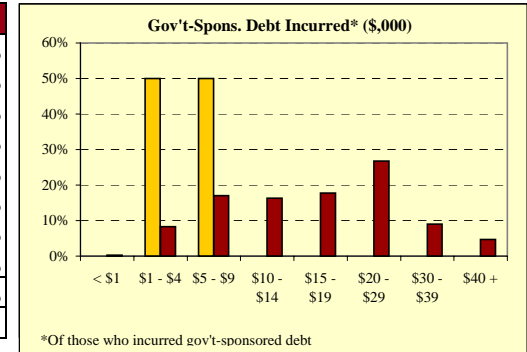
*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	14.0901		UVIC	
None - Loan repaid in full	1	50%	217	34%
< \$1,000	-	0%	16	2%
\$1,000 to \$4,999	1	50%	82	13%
\$5,000 to \$9,999	-	0%	92	14%
\$10,000 to \$14,999	-	0%	86	13%
\$15,000 to \$19,999	-	0%	47	7%
\$20,000 to \$29,999	-	0%	69	11%
\$30,000 to \$39,999	-	0%	15	2%
\$40,000 or More	-	0%	17	3%
Total	2	100%	641	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$1,500		\$5,000	

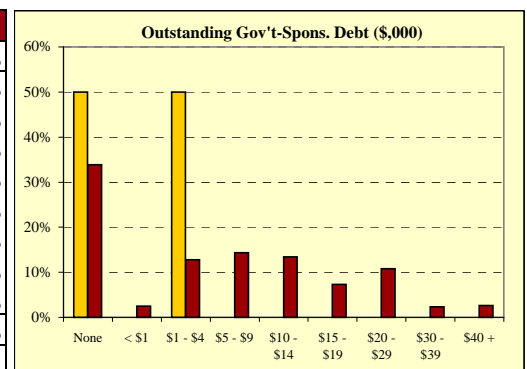
*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



*Of those who incurred financial debt



*Of those who incurred gov't-sponsored debt

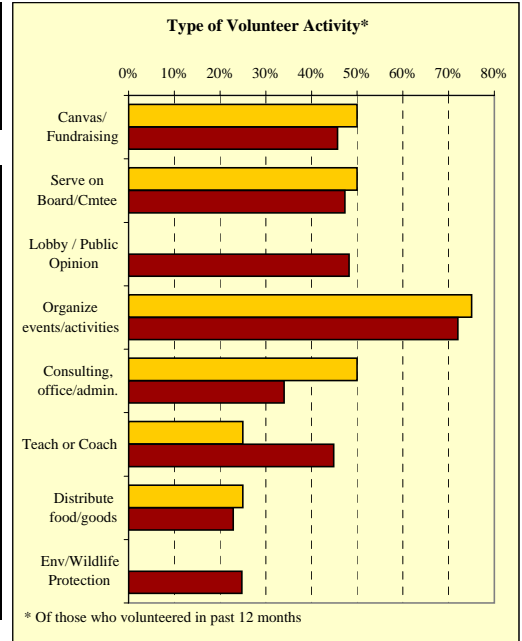


SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

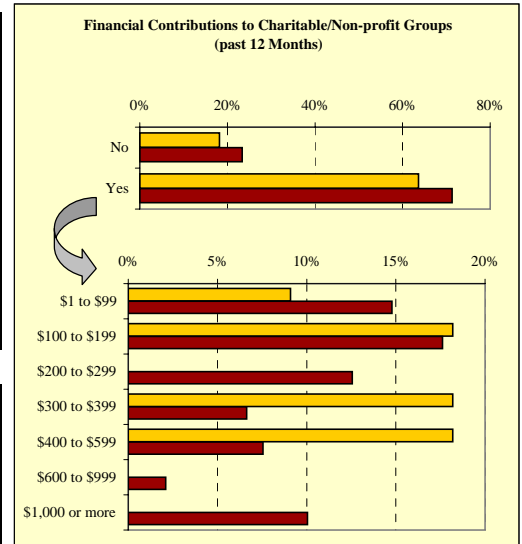
29. In the past 12 months, have you acted as an unpaid volunteer?	14.0901		UVIC	
No	7	64%	590	39%
Yes	4	36%	921	61%
Volunteer Hours/Week (Median)	-		1	

30. In the past 12 months, as an unpaid volunteer for an organization did you...	14.0901		UVIC	
do any canvassing, campaigning or fundraising?	2	50%*	421	46%*
serve as an unpaid member of a board or committee?	2	50%*	436	47%*
provide information or help to educate, influence public opinion, or lobby others?	-	0%*	444	48%*
help to organize/supervise activities/events for an organization?	3	75%*	663	72%*
do any consulting, executive, office or administrative work?	2	50%*	313	34%*
teach or coach for an organization?	1	25%*	413	45%*
collect, serve or deliver food or other goods?	1	25%*	211	23%*
engage in any activities aimed at protecting the environment or wildlife?	-	0%*	228	25%*

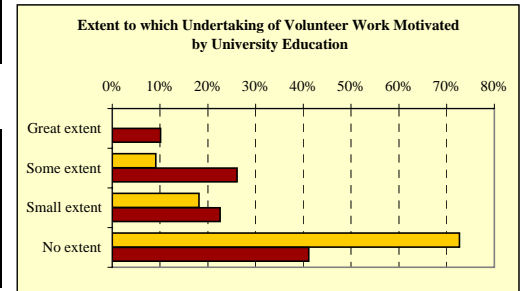
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	14.0901		UVIC	
\$0 (None)	2	18%	356	23%
\$1 to \$99	1	9%	225	15%
\$100 to \$199	2	18%	268	18%
\$200 to \$299	-	0%	191	13%
\$300 to \$399	2	18%	101	7%
\$400 to \$599	2	18%	115	8%
\$600 to \$999	-	0%	32	2%
\$1,000 or more	-	0%	153	10%
Median Annual Contribution	\$300		\$200	



32. Member or Participant in...	14.0901		UVIC	
Union/Professional Association (work-related)	4	36%	963	63%
Political organization	-	0%	93	6%
Cultural, educational or hobby organization	2	18%	496	33%
Sports or recreation organization	2	18%	647	43%
Religious-affiliated group	1	9%	238	16%
School group, civic, or community association	-	0%	406	27%
Other	-	0%	162	11%



33. To what extent did your university education motivate you to undertake volunteer work?	14.0901		UVIC	
Great extent	-	0%*	150	10%*
Some extent	1	9%*	388	26%*
Small extent	2	18%*	335	23%*
No extent	8	73%*	611	41%*

*percentages are of those who thought question was applicable