

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

Detailed Summary of Survey Results

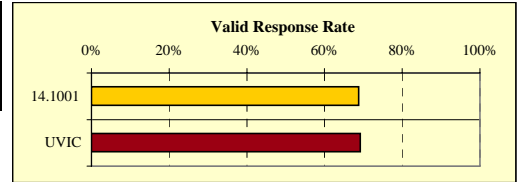
University of Victoria

6 Digit CIP: 14.1001: Electrical, Electronics & Communications Engineering

■ UVIC
■ 14.1001

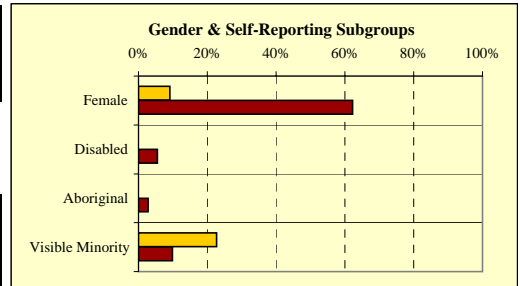
RESPONSE RATE

1. Survey Response Rate:	14.1001	UVIC	
Baccalaureate Graduates Survey Cohort	35	2,392	
Net Frame	32	2,199	
Survey Respondents and Valid Response Rate	22	1,522	69%



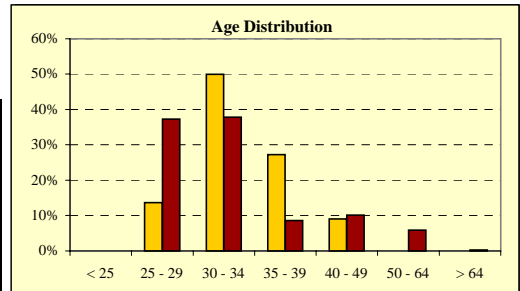
DEMOGRAPHIC INFORMATION

2. Gender:	14.1001	UVIC	
Male	20	575	38%
Female	2	947	62%
Total	22	1,522	100%

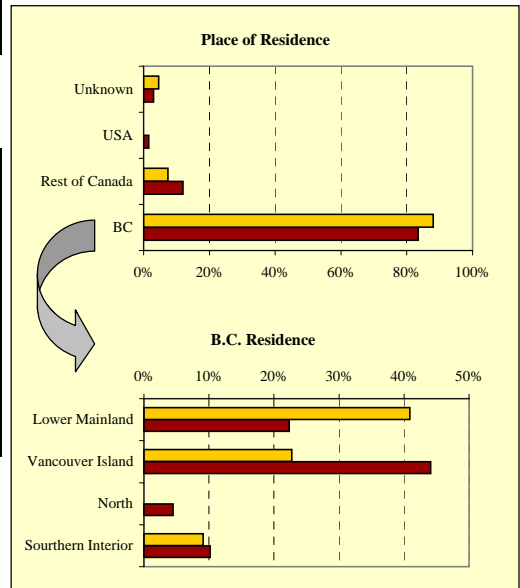


3. Self-Reporting Subgroups:	14.1001	UVIC	
Disabled	-	84	6%
Aboriginal	-	42	3%
Visible Minority	5	150	10%

4. Age (at time of survey):	14.1001	UVIC		
< 25	-	0%	-	0%
25 to 29	3	14%	567	37%
30 to 34	11	50%	576	38%
35 to 39	6	27%	131	9%
40 to 49	2	9%	154	10%
50 to 64	-	0%	90	6%
> 64	-	0%	4	0%
Unknown	-	0%	-	0%
Total	22	100%	1,522	100%
Mean Age:	33.8	33.4		

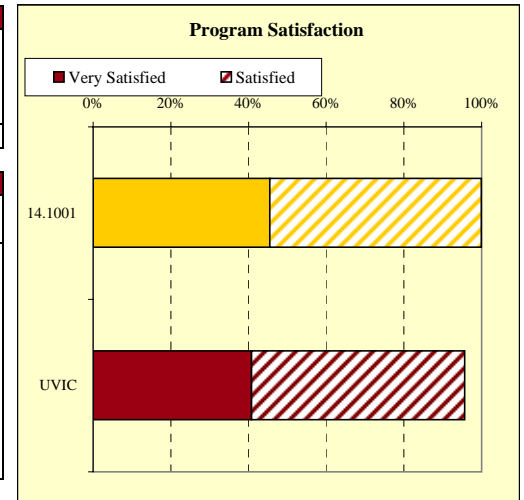


5. Place of Residence (at time of survey):	14.1001	UVIC		
BC - Lower Mainland	9	41%	340	22%
BC - Vancouver Island	5	23%	671	44%
BC - North	-	0%	68	4%
BC - Southern Interior	2	9%	155	10%
B.C. Subtotal	16	73%	1,234	81%
Canada - Alberta	1	5%	94	6%
Canada - Ontario	3	14%	74	5%
Canada - Other	-	0%	38	2%
U.S.A.	2	9%	46	3%
Non-B.C. Subtotal	6	27%	252	17%
Unknown	-	0%	36	2%
Total	22	100%	1,522	100%



EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	14.1001		UVIC	
Very Satisfied	10	45%	620	41%
Satisfied	12	55%	835	55%
Dissatisfied	-	0%	57	4%
Very Dissatisfied	-	0%	8	1%
Total	22	100%	1,520	100%

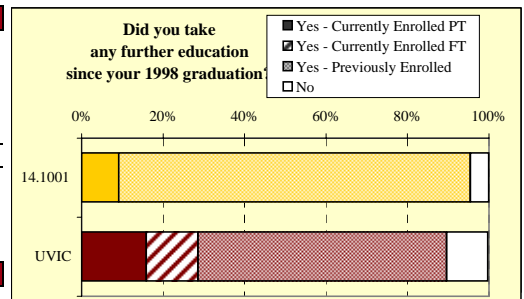


7. Would you select the same program again?	14.1001		UVIC	
Yes	20	95%	1,086	73%
No, because . . . (multiple response question)	1		394	
. . . not enough course variety offered	-	0%*	5	1%*
. . . skills acquired were not very useful	-	0%*	30	6%*
. . . courses were poorly taught	-	0%*	6	1%*
. . . program 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

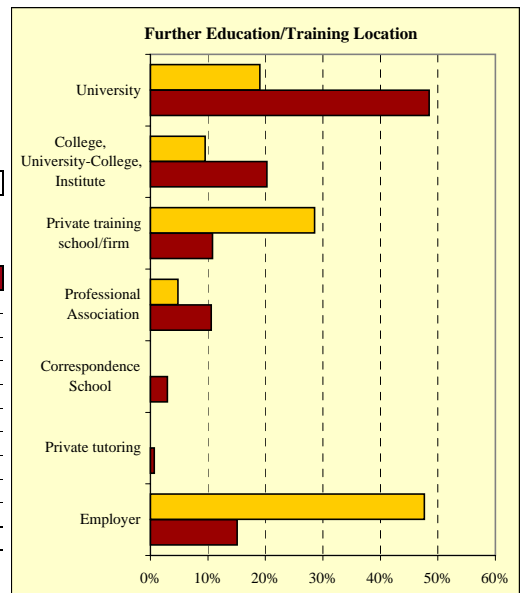
FURTHER EDUCATION

8. Took further education since 1996 graduation?	14.1001		UVIC	
Yes:	21	95%	1,368	90%
Not currently enrolled	19	86%	929	61%
Currently enrolled full-time	-	0%	194	13%
Currently enrolled part-time	2	9%	241	16%
No	1	5%	154	10%
Total	22	100%	1,522	100%



9. Further education/training location (multiple resp.):*	14.1001		UVIC	
University	4	19%*	663	48%*
College, University-College, Institute	2	10%*	277	20%*
Private training school/firm	6	29%*	148	11%*
Professional Association	1	5%*	145	11%*
Correspondence School	-	0%*	40	3%*
Private Tutoring	-	0%*	9	1%*
Employer	10	48%*	206	15%*
Other	1	5%*	53	4%*
Total Respondents	21		1,368	

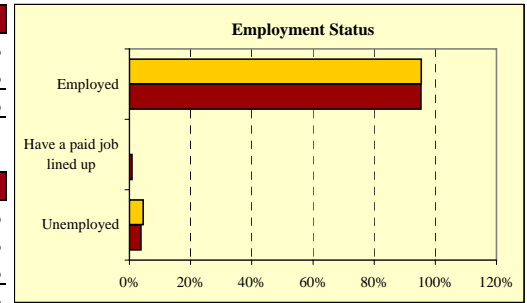
* Percent of respondents



10. Main Reason for Further Education:	14.1001		UVIC	
Pursue another Bachelor degree	-	0%	74	5%
Pursue Masters studies	-	0%	166	11%
Pursue Doctoral studies	-	0%	35	2%
Career / job / employment related	20	83%	965	63%
Challenge myself intellectually	1	4%	115	7%
To please parents/family	-	0%	1	0%
Did not have a primary/main reason for enrolling	1	4%	4	0%
Required by employer	2	8%	63	4%
Other	-	0%	114	7%
Total	24	100%	1,537	100%

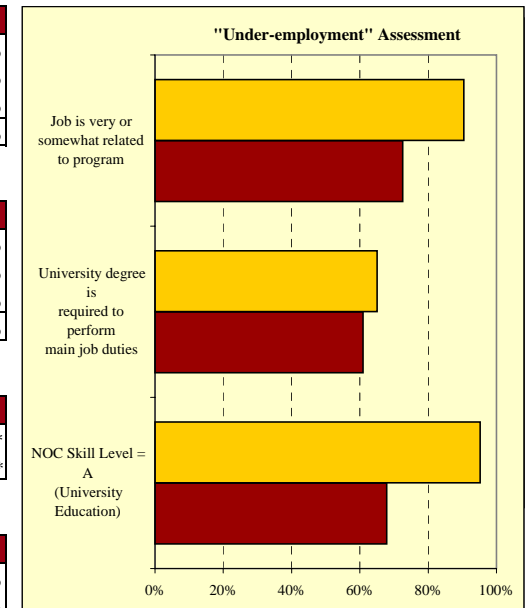
EMPLOYMENT

11. Labour Force Status:	14.1001		UVIC	
In Labour Force (working or seeking work)	22	100%	1,362	89%
Not in Labour Force	-	0%	160	11%
Grand Total	22	100%	1,522	100%



12. Employment Status of those IN Labour Force:	14.1001		UVIC	
Employed	21	95%	1,298	95%
Have a paid job lined up	-	0%	12	1%
Unemployed	1	5%	52	4%
Total Labour Force	22	100%	1,362	100%

13. Status of Graduates NOT in Labour Force:	14.1001		UVIC	
Attending School FT	N/A		73	46%
Attending School PT	N/A		7	4%
Other	N/A		80	50%
Total NOT in Labour Force	-		160	100%



14. Employment Type:	14.1001		UVIC	
Paid worker	20	95%	1,109	85%
Self-employed	1	5%	113	9%
Both a paid worker and self-employed	-	0%	76	6%
Total Employed	21	100%	1,298	100%

15. Job Characteristics:	14.1001		UVIC	
I hold more than one job	-	0%*	221	17%*
My main job is full-time (>= 30 hours per week)	21	100%**	1,062	83%**

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

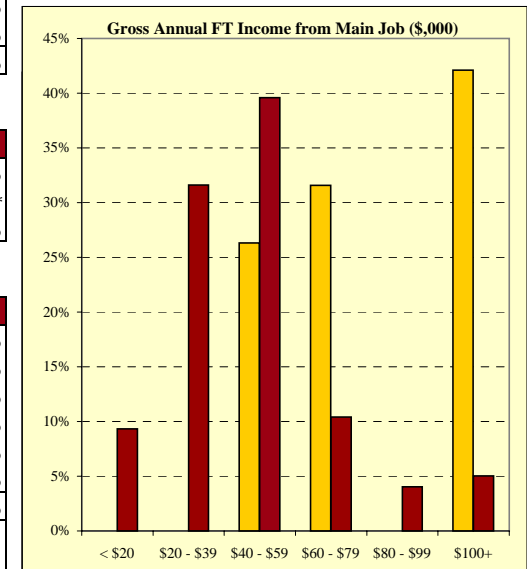
16. How related is your main job to your program?	14.1001		UVIC	
Very Related	9	43%	495	38%
Somewhat Related	10	48%	447	34%
Not Very Related	1	5%	150	12%
Not At All Related	1	5%	204	16%
Total	21	100%	1,296	100%

17. "Under-employment" Assessment:	14.1001		UVIC	
Job is very or somewhat related to program	19	90%	942	73%
University degree is required to perform main job duties	13	65%*	752	61%*
NOC Skill Level = A (University Education)	20	95%	877	68%

* of total valid responses

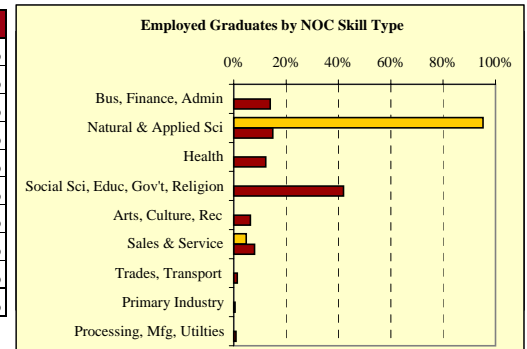
18. Gross Annual Income from Main Job:*	14.1001		UVIC	
Less than \$20,000	-	0%	111	9%
\$20,000 to \$39,999	-	0%	376	32%
\$40,000 to \$59,999	5	26%	471	40%
\$60,000 to \$79,999	6	32%	124	10%
\$80,000 to \$99,999	-	0%	48	4%
\$100,000 and Above	8	42%	60	5%
Total	19	100%	1,190	100%
Median Annual Income (full-time)	\$70,000		\$45,000	
Average Annual Income (full-time)	\$89,338		\$52,942	

* where data provided

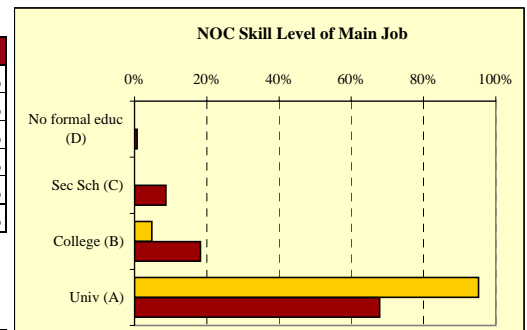


EMPLOYMENT, continued

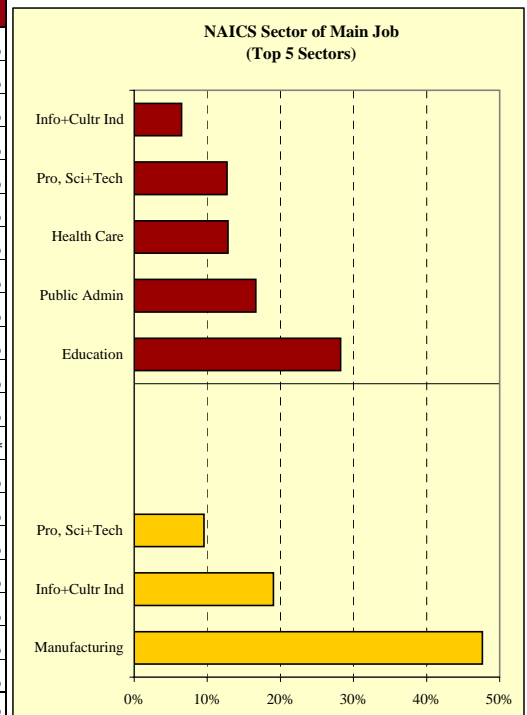
19. NOC Skill Type of Main Job:	14.1001	UVIC
Business, Finance and Administration	-	0%
Natural and Applied Sciences and Related	20	95%
Health	-	0%
Social Sciences, Educ., Gov't Services, Religion	-	0%
Arts, Culture, Recreation and Sport	-	0%
Sales and Service	1	5%
Trades, Transport and Eqp. Operators and Related	-	0%
Unique to the Primary Industry	-	0%
Unique to Processing, Manufacturing and Utilities	-	0%
Total	21	100%



20. NOC Skill Level of Main Job:	14.1001	UVIC
A. University education	20	95%
B. College education/trade apprenticeship	1	5%
C. Secondary school + job-specific training	-	0%
D. No formal education	-	0%
No Skill Level assigned (management)	-	0%
Total	21	100%



21. NAICS Sector of Main Job:	14.1001	UVIC
Agriculture, Forestry, Fishing and Hunting	*	*
Mining and Oil and Gas Extraction	*	*
Utilities	*	*
Construction	*	*
Manufacturing	10	48%
Wholesale Trade	*	*
Retail Trade	*	*
Transportation and Warehousing	*	*
Information and Cultural Industries	4	19%
Finance and Insurance	*	*
Real Estate and Rental and Leasing	*	*
Professional, Scientific and Technical Services	2	10%
Management of Companies and Enterprises	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*
Education Services	*	*
Health Care and Social Assistance	*	*
Arts, Entertainment and Recreation	*	*
Accommodation and Food services	*	*
Other Service (except Public Administration)	*	*
Public Administration	*	*
Total	21	100%



*data not displayed where n < 2

Detailed Summary of Survey Results

University of Victoria

6 Digit CIP: 14.1001: Electrical, Electronics & Communications Engineering

■ UVIC
■ 14.1001

EMPLOYMENT, continued

22a. **Top 10 Full-time Occupations of 14.1001 Graduates:**

			14.1001	
NOC	Skill Level Description		% Employed FT in this Occ.**	Median FT Salary
2133	A	Electrical & Electronics Engineers	38%	\$66,690
2173	A	Software Engineers	24%	\$100,000
2147	A	Computer Engineers	19%	\$130,000
*				
*				
*				
*				
*				
*				
*				

*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	
NOC	Skill Level Description		% Employed FT in this Occ.**	Median FT Salary
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

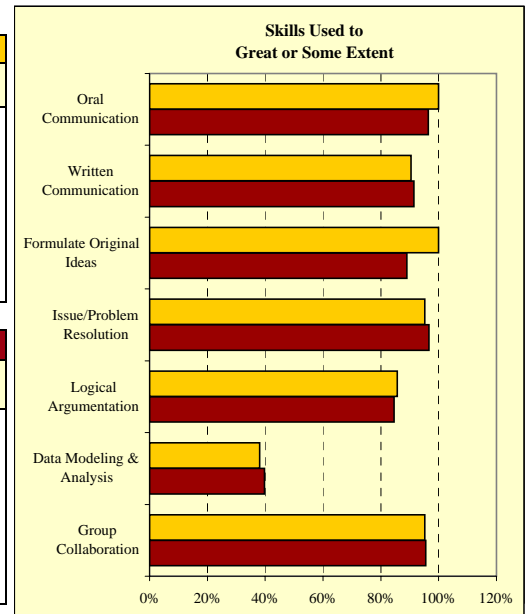
*data not displayed where n < 2

**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?**

	14.1001				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	81%	19%	0%	0%	21
Written Communication	62%	29%	10%	0%	21
Formulate Original Ideas	29%	71%	0%	0%	21
Issue/Problem Resolution	76%	19%	5%	0%	21
Logical Argumentation	52%	33%	14%	0%	21
Data Modeling & Analysis	10%	29%	48%	14%	21
Group Collaboration	86%	10%	0%	5%	21



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):	14.1001		UVIC	
Personal Savings	5	23%*	248	16%*
Employment	14	64%*	958	63%*
Family/Friends	7	32%*	509	33%*
Bank Loans	1	5%*	20	1%*
Student Loans	10	45%*	667	44%*
Scholarships/Bursaries/Grants	2	9%*	157	10%*
Other	1	5%*	23	2%*
Total Respondents	22		1,522	

* Percentage of respondents who identified this source

25. Financial Debt Incurred to Finance Univ. Education:	14.1001		UVIC	
Incurred any form of financial debt	15	71%*	805	55%*
Incurred government-sponsored student loan debt	13	65%*	700	48%*

* Percentage of respondents who provided data

26. Financial Debt Amount:*	14.1001		UVIC	
< \$1,000	-	0%	4	0%
\$1,000 to \$4,999	1	7%	69	9%
\$5,000 to \$9,999	5	33%	130	16%
\$10,000 to \$14,999	1	7%	132	16%
\$15,000 to \$19,999	2	13%	109	14%
\$20,000 to \$29,999	2	13%	174	22%
\$30,000 to \$39,999	2	13%	104	13%
\$40,000 or More	2	13%	83	10%
Total	15	100%	805	100%
Median Financial Debt	\$15,000		\$17,000	

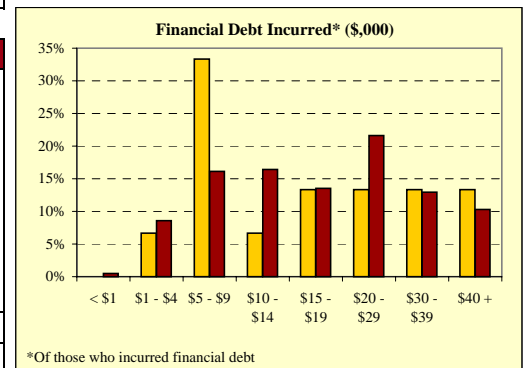
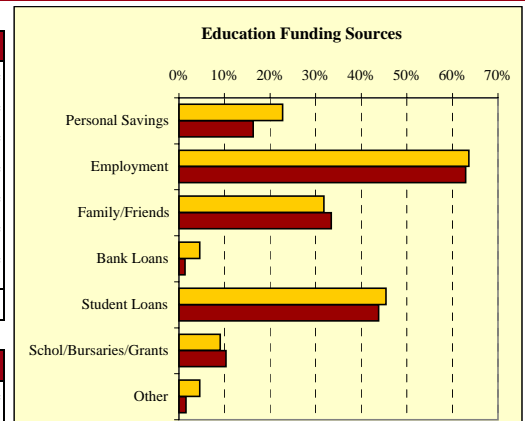
*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	14.1001		UVIC	
< \$1,000	-	0%	2	0%
\$1,000 to \$4,999	1	8%	58	8%
\$5,000 to \$9,999	4	31%	119	17%
\$10,000 to \$14,999	2	15%	114	16%
\$15,000 to \$19,999	1	8%	124	18%
\$20,000 to \$29,999	3	23%	187	27%
\$30,000 to \$39,999	2	15%	63	9%
\$40,000 or More	-	0%	33	5%
Total	13	100%	700	100%
Median Gov't-Sponsored Student Loan Debt	\$13,000		\$16,400	

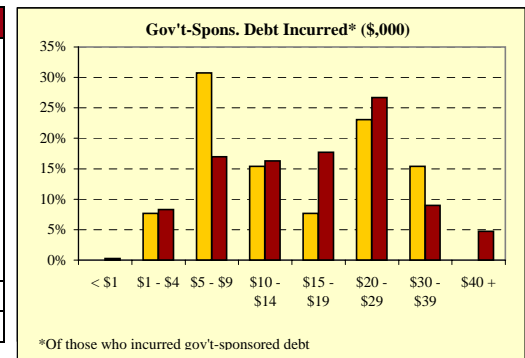
*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	14.1001		UVIC	
None - Loan repaid in full	7	54%	217	34%
< \$1,000	-	0%	16	2%
\$1,000 to \$4,999	1	8%	82	13%
\$5,000 to \$9,999	-	0%	92	14%
\$10,000 to \$14,999	3	23%	86	13%
\$15,000 to \$19,999	2	15%	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	13	100%	641	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$0		\$5,000	

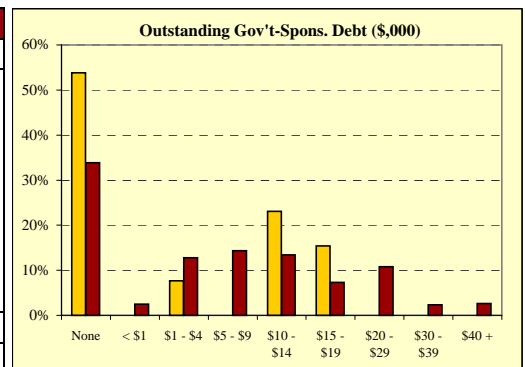
*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



*Of those who incurred financial debt



*Of those who incurred gov't-sponsored debt

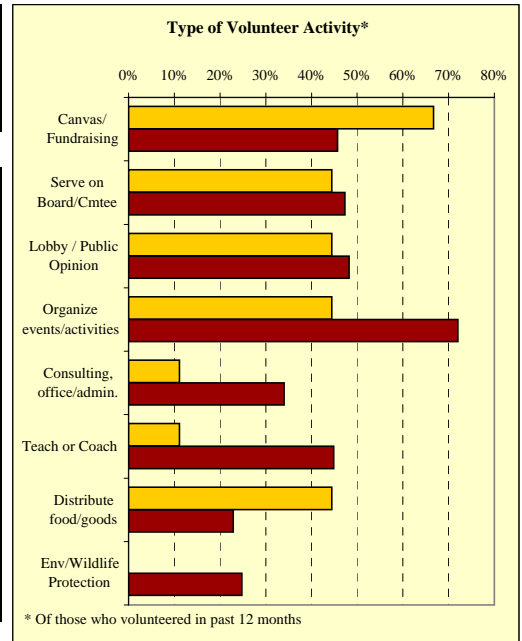


SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

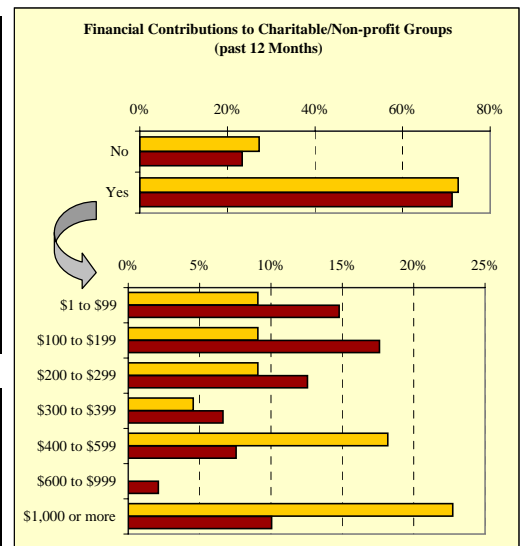
29.	In the past 12 months, have you acted as an unpaid volunteer?	14.1001		UVIC	
	No	13	59%	590	39%
	Yes	9	41%	921	61%
	Volunteer Hours/Week (Median)	1		1	

30.	In the past 12 months, as an unpaid volunteer for an organization did you...	14.1001		UVIC	
	do any canvassing, campaigning or fundraising?	6	67%*	421	46%*
	serve as an unpaid member of a board or committee?	4	44%*	436	47%*
	provide information or help to educate, influence public opinion, or lobby others?	4	44%*	444	48%*
	help to organize/supervise activities/events for an organization?	4	44%*	663	72%*
	do any consulting, executive, office or administrative work?	1	11%*	313	34%*
	teach or coach for an organization?	1	11%*	413	45%*
	collect, serve or deliver food or other goods?	4	44%*	211	23%*
	engage in any activities aimed at protecting the environment or wildlife?	-	0%*	228	25%*

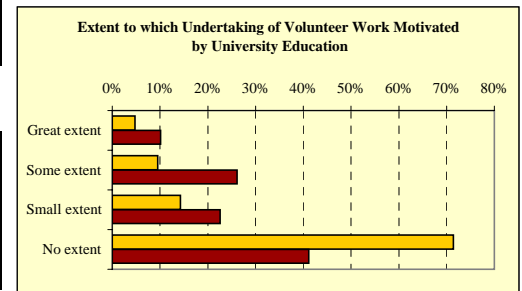
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31.	Financial contributions to charitable or non-profit groups in past 12 months	14.1001		UVIC	
	\$0 (None)	6	27%	356	23%
	\$1 to \$99	2	9%	225	15%
	\$100 to \$199	2	9%	268	18%
	\$200 to \$299	2	9%	191	13%
	\$300 to \$399	1	5%	101	7%
	\$400 to \$599	4	18%	115	8%
	\$600 to \$999	-	0%	32	2%
	\$1,000 or more	5	23%	153	10%
	Median Annual Contribution	\$450		\$200	



32.	Member or Participant in...	14.1001		UVIC	
	Union/Professional Association (work-related)	10	45%	963	63%
	Political organization	-	0%	93	6%
	Cultural, educational or hobby organization	3	14%	496	33%
	Sports or recreation organization	13	59%	647	43%
	Religious-affiliated group	1	5%	238	16%
	School group, civic, or community association	4	18%	406	27%
	Other	2	9%	162	11%



33.	To what extent did your university education motivate you to undertake volunteer work?	14.1001		UVIC	
	Great extent	1	5%*	150	10%*
	Some extent	2	10%*	388	26%*
	Small extent	3	14%*	335	23%*
	No extent	15	71%*	611	41%*

*percentages are of those who thought question was applicable