

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

Detailed Summary of Survey Results

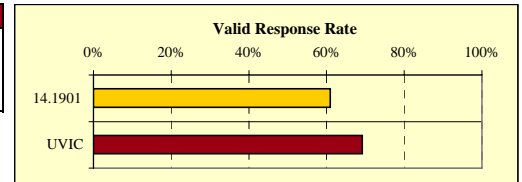
University of Victoria

6 Digit CIP: 14.1901: Mechanical Engineering

■ UVIC
■ 14.1901

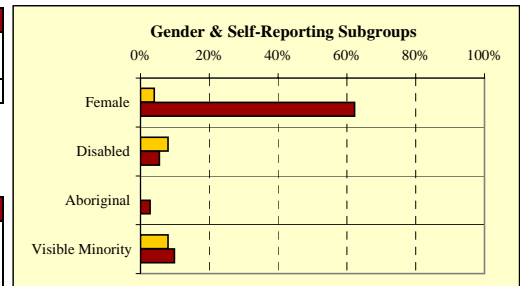
RESPONSE RATE

1. Survey Response Rate:	14.1901	UVIC	
Baccalaureate Graduates Survey Cohort	45	2,392	
Net Frame	41	2,199	
Survey Respondents and Valid Response Rate	25	61%	69%



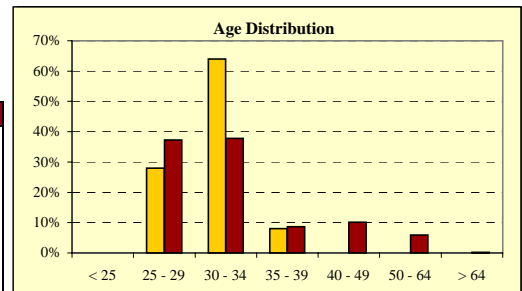
DEMOGRAPHIC INFORMATION

2. Gender:	14.1901	UVIC	
Male	24	96%	575 38%
Female	1	4%	947 62%
Total	25	100%	1,522 100%

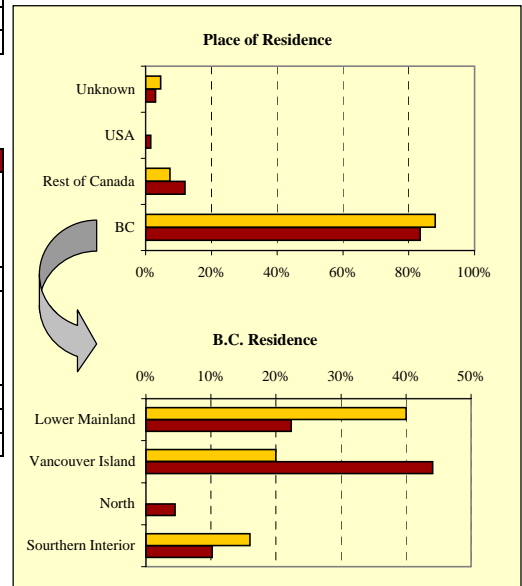


3. Self-Reporting Subgroups:	14.1901	UVIC	
Disabled	2	8%	84 6%
Aboriginal	-	0%	42 3%
Visible Minority	2	8%	150 10%

4. Age (at time of survey):	14.1901	UVIC	
< 25	-	0%	- 0%
25 to 29	7	28%	567 37%
30 to 34	16	64%	576 38%
35 to 39	2	8%	131 9%
40 to 49	-	0%	154 10%
50 to 64	-	0%	90 6%
> 64	-	0%	4 0%
Unknown	-	0%	- 0%
Total	25	100%	1,522 100%
Mean Age:	31.5	33.4	



5. Place of Residence (at time of survey):	14.1901	UVIC	
BC - Lower Mainland	10	40%	340 22%
BC - Vancouver Island	5	20%	671 44%
BC - North	-	0%	68 4%
BC - Southern Interior	4	16%	155 10%
B.C. Subtotal	19	76%	1,234 81%
Canada - Alberta	3	12%	94 6%
Canada - Ontario	2	8%	74 5%
Canada - Other	-	0%	38 2%
U.S.A.	1	4%	46 3%
Non-B.C. Subtotal	6	24%	252 17%
Unknown	-	0%	36 2%
Total	25	100%	1,522 100%

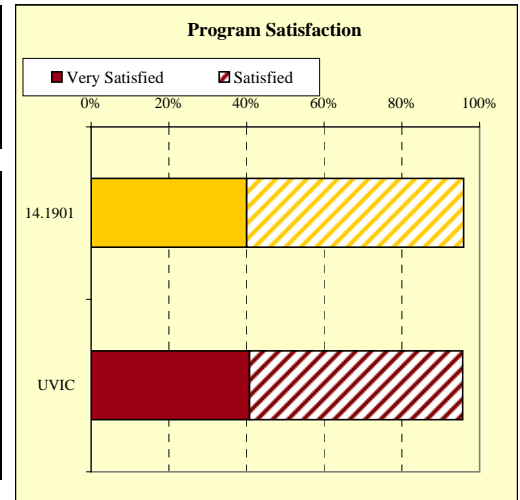


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 ■ 14.1901

EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	14.1901	UVIC
Very Satisfied	10 40%	620 41%
Satisfied	14 56%	835 55%
Dissatisfied	1 4%	57 4%
Very Dissatisfied	- 0%	8 1%
Total	25 100%	1,520 100%

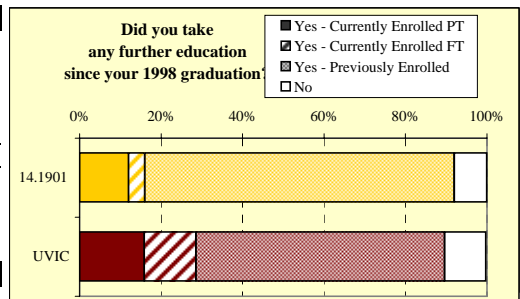


7. Would you select the same program again?	14.1901	UVIC
Yes	20 83%	1,086 73%
No, because . . . (multiple response question)	4	394
. . . not enough course variety offered	- 0%*	5 1%*
. . . skills acquired were not very useful	- 0%*	30 6%*
. . . courses were poorly taught	- 0%*	6 1%*
. . . program was too general	- 0%*	44 9%*
. . . courses were not practical	1 25%*	72 14%*
. . . interests have changed	- 0%*	90 18%*
. . . little or no career opportunities	1 25%*	166 33%*
. . . disagree with grading system	- 0%*	- 0%*
. . . disliked institution	- 0%*	1 0%*
. . . other	2 50%*	89 18%*

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

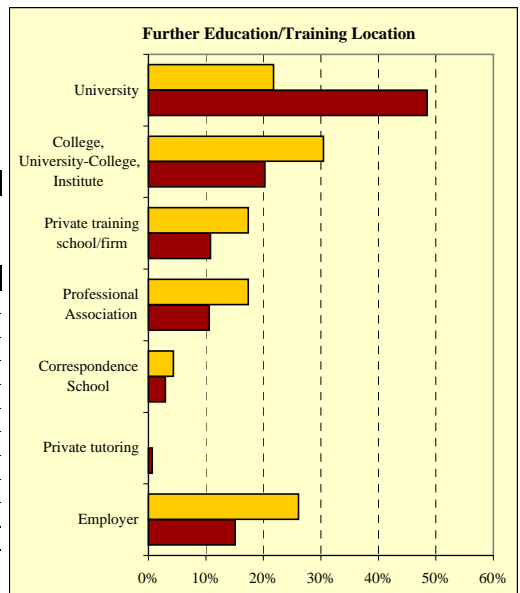
FURTHER EDUCATION

8. Took further education since 1996 graduation?	14.1901	UVIC
Yes:	23 92%	1,368 90%
Not currently enrolled	19 76%	929 61%
Currently enrolled full-time	1 4%	194 13%
Currently enrolled part-time	3 12%	241 16%
No	2 8%	154 10%
Total	25 100%	1,522 100%



9. Further education/training location (multiple resp.):*	14.1901	UVIC
University	5 22%*	663 48%*
College, University-College, Institute	7 30%*	277 20%*
Private training school/firm	4 17%*	148 11%*
Professional Association	4 17%*	145 11%*
Correspondence School	1 4%*	40 3%*
Private Tutoring	- 0%*	9 1%*
Employer	6 26%*	206 15%*
Other	1 4%*	53 4%*
Total Respondents	23	1,368

* Percent of respondents



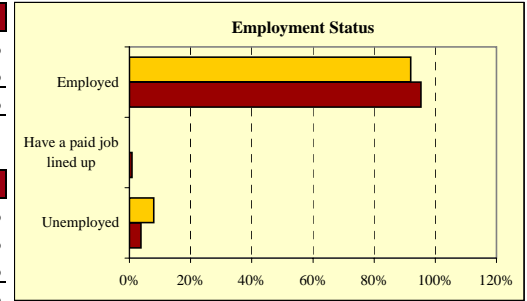
10. Main Reason for Further Education:	14.1901	UVIC
Pursue another Bachelor degree	- 0%	74 5%
Pursue Masters studies	4 14%	166 11%
Pursue Doctoral studies	- 0%	35 2%
Career / job / employment related	18 64%	965 63%
Challenge myself intellectually	2 7%	115 7%
To please parents/family	- 0%	1 0%
Did not have a primary/main reason for enrolling	- 0%	4 0%
Required by employer	2 7%	63 4%
Other	2 7%	114 7%
Total	28 100%	1,537 100%

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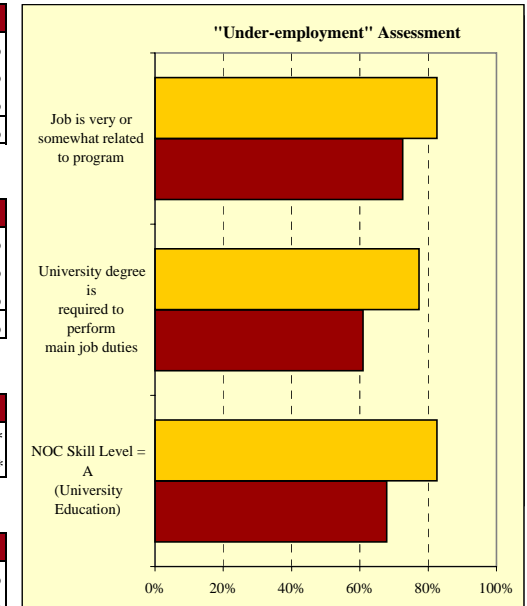
EMPLOYMENT

11. Labour Force Status:	14.1901		UVIC	
In Labour Force (working or seeking work)	25	100%	1,362	89%
Not in Labour Force	-	0%	160	11%
Grand Total	25	100%	1,522	100%



12. Employment Status of those IN Labour Force:	14.1901		UVIC	
Employed	23	92%	1,298	95%
Have a paid job lined up	-	0%	12	1%
Unemployed	2	8%	52	4%
Total Labour Force	25	100%	1,362	100%

13. Status of Graduates NOT in Labour Force:	14.1901		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:	14.1901		UVIC	
Paid worker	21	91%	1,109	85%
Self-employed	1	4%	113	9%
Both a paid worker and self-employed	1	4%	76	6%
Total Employed	23	100%	1,298	100%

15. Job Characteristics:	14.1901		UVIC	
I hold more than one job	-	0%*	221	17%*
My main job is full-time (>= 30 hours per week)	22	100%**	1,062	83%**

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

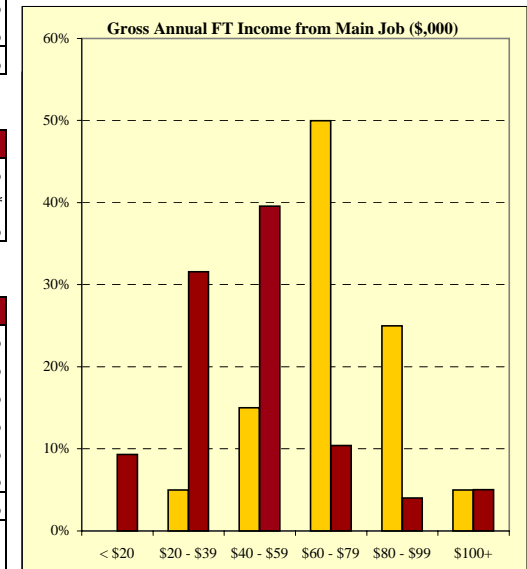
16. How related is your main job to your program?	14.1901		UVIC	
Very Related	11	48%	495	38%
Somewhat Related	8	35%	447	34%
Not Very Related	4	17%	150	12%
Not At All Related	-	0%	204	16%
Total	23	100%	1,296	100%

17. "Under-employment" Assessment:	14.1901		UVIC	
Job is very or somewhat related to program	19	83%	942	73%
University degree is required to perform main job duties	17	77%*	752	61%*
NOC Skill Level = A (University Education)	19	83%	877	68%

* of total valid responses

18. Gross Annual Income from Main Job:*	14.1901		UVIC	
Less than \$20,000	-	0%	111	9%
\$20,000 to \$39,999	1	5%	376	32%
\$40,000 to \$59,999	3	15%	471	40%
\$60,000 to \$79,999	10	50%	124	10%
\$80,000 to \$99,999	5	25%	48	4%
\$100,000 and Above	1	5%	60	5%
Total	20	100%	1,190	100%
Median Annual Income (full-time)	\$68,000		\$45,000	
Average Annual Income (full-time)	\$81,566		\$52,942	

* where data provided

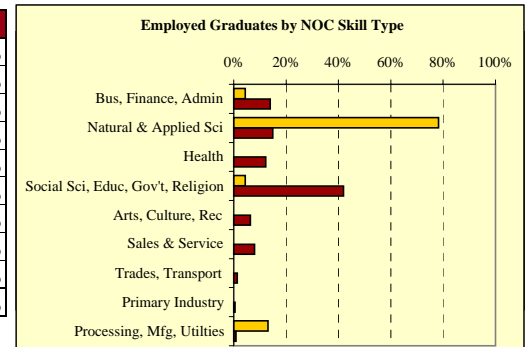


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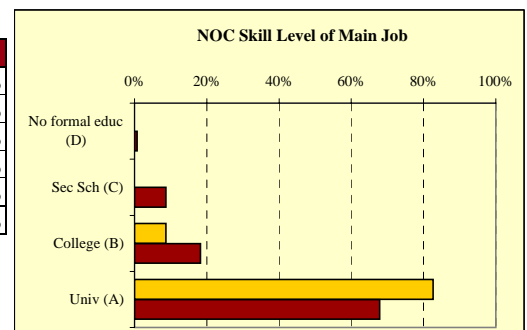
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EMPLOYMENT, continued

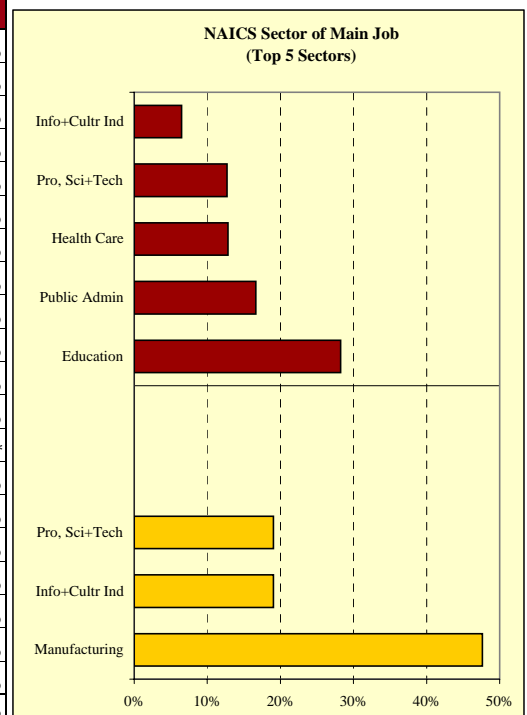
19. NOC Skill Type of Main Job:	14.1901	UVIC
Business, Finance and Administration	1 4%	179 14%
Natural and Applied Sciences and Related	18 78%	192 15%
Health	- 0%	158 12%
Social Sciences, Educ., Gov't Services, Religion	1 4%	541 42%
Arts, Culture, Recreation and Sport	- 0%	82 6%
Sales and Service	- 0%	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	3 13%	11 1%
Total	23 100%	1,289 100%



20. NOC Skill Level of Main Job:	14.1901	UVIC
A. University education	19 83%	877 68%
B. College education/trade apprenticeship	2 9%	236 18%
C. Secondary school + job-specific training	- 0%	112 9%
D. No formal education	- 0%	9 1%
No Skill Level assigned (management)	2 9%	58 4%
Total	23 100%	1,292 100%



21. NAICS Sector of Main Job:	14.1901	UVIC
Agriculture, Forestry, Fishing and Hunting	* *	10 1%
Mining and Oil and Gas Extraction	* *	6 0%
Utilities	* *	2 0%
Construction	* *	2 0%
Manufacturing	10 48%	67 5%
Wholesale Trade	* *	13 1%
Retail Trade	* *	36 3%
Transportation and Warehousing	* *	19 1%
Information and Cultural Industries	4 19%	83 6%
Finance and Insurance	* *	56 4%
Real Estate and Rental and Leasing	* *	5 0%
Professional, Scientific and Technical Services	4 19%	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	21 100%	1285 100%



*data not displayed where n < 2

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EMPLOYMENT, continued

22a. Top 10 Full-time Occupations of 14.1901 Graduates:

14.1901			% Employed FT in this Occ.**	Median FT Salary
NOC	Skill Level	Description		
2132	A	Mechanical Engineers	52%	\$65,500
*				
*				
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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

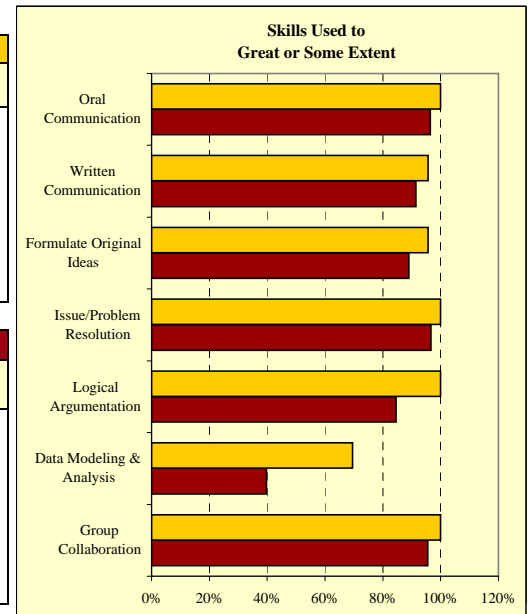
*data not displayed where n < 2

**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?

	14.1901				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	74%	26%	0%	0%	23
Written Communication	65%	30%	0%	4%	23
Formulate Original Ideas	57%	39%	4%	0%	23
Issue/Problem Resolution	78%	22%	0%	0%	23
Logical Argumentation	65%	35%	0%	0%	23
Data Modeling & Analysis	26%	43%	22%	9%	23
Group Collaboration	83%	17%	0%	0%	23



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

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EDUCATION FINANCING

24. Education Funding Sources (2 sources per respondent):	14.1901		UVIC	
Personal Savings	2	8%*	248	16%*
Employment	22	88%*	958	63%*
Family/Friends	4	16%*	509	33%*
Bank Loans	-	0%*	20	1%*
Student Loans	13	52%*	667	44%*
Scholarships/Bursaries/Grants	2	8%*	157	10%*
Other	-	0%*	23	2%*
Total Respondents	25		1,522	

* Percentage of respondents who identified this source

25. Financial Debt Incurred to Finance Univ. Education:	14.1901		UVIC	
Incurred any form of financial debt	13	59%*	805	55%*
Incurred government-sponsored student loan debt	8	36%*	700	48%*

* Percentage of respondents who provided data

26. Financial Debt Amount:*	14.1901		UVIC	
< \$1,000	-	0%	4	0%
\$1,000 to \$4,999	-	0%	69	9%
\$5,000 to \$9,999	4	31%	130	16%
\$10,000 to \$14,999	6	46%	132	16%
\$15,000 to \$19,999	1	8%	109	14%
\$20,000 to \$29,999	1	8%	174	22%
\$30,000 to \$39,999	1	8%	104	13%
\$40,000 or More	-	0%	83	10%
Total	13	100%	805	100%
Median Financial Debt	\$10,000		\$17,000	

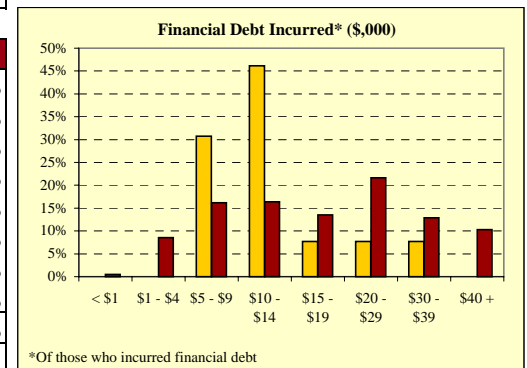
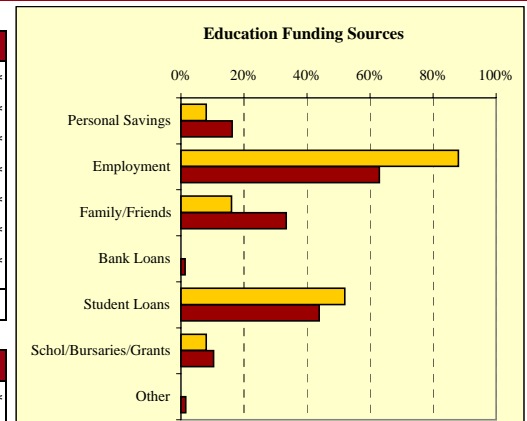
*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	14.1901		UVIC	
< \$1,000	-	0%	2	0%
\$1,000 to \$4,999	-	0%	58	8%
\$5,000 to \$9,999	3	38%	119	17%
\$10,000 to \$14,999	4	50%	114	16%
\$15,000 to \$19,999	-	0%	124	18%
\$20,000 to \$29,999	1	13%	187	27%
\$30,000 to \$39,999	-	0%	63	9%
\$40,000 or More	-	0%	33	5%
Total	8	100%	700	100%
Median Gov't-Sponsored Student Loan Debt	\$10,750		\$16,400	

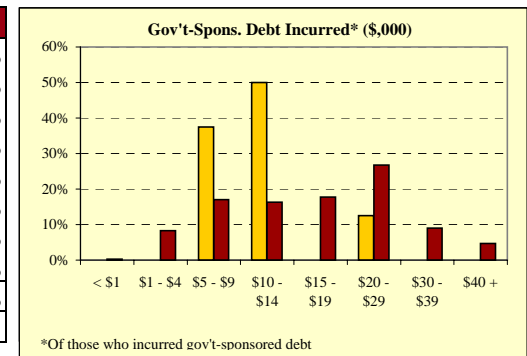
*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	14.1901		UVIC	
None - Loan repaid in full	5	71%	217	34%
< \$1,000	-	0%	16	2%
\$1,000 to \$4,999	2	29%	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	7	100%	641	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$0		\$5,000	

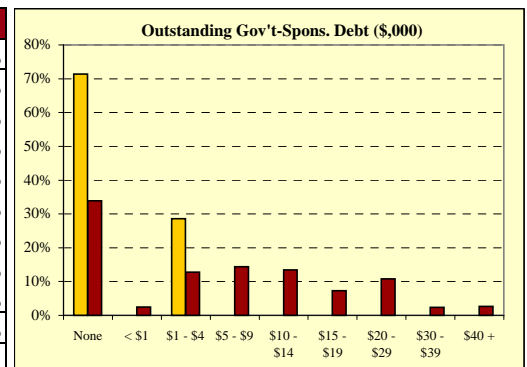
*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



*Of those who incurred financial debt



*Of those who incurred gov't-sponsored debt

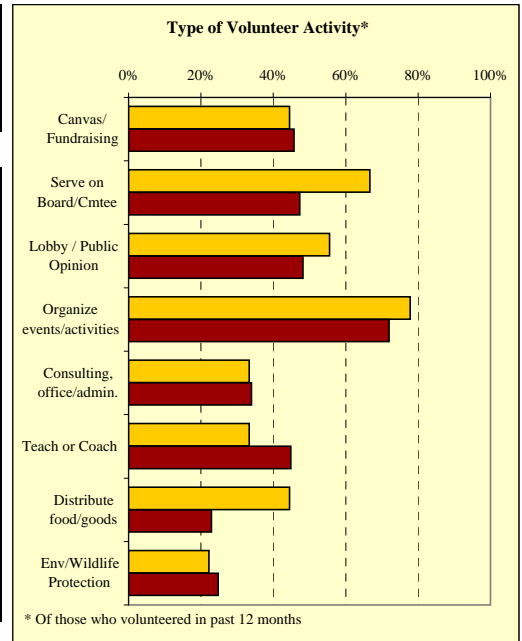


SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

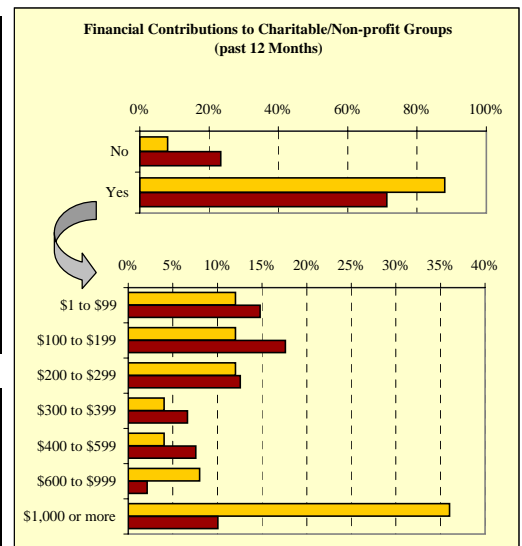
29. In the past 12 months, have you acted as an unpaid volunteer?	14.1901		UVIC	
No	16	64%	590	39%
Yes	9	36%	921	61%
Volunteer Hours/Week (Median)	2		1	

30. In the past 12 months, as an unpaid volunteer for an organization did you...	14.1901		UVIC	
do any canvassing, campaigning or fundraising?	4	44%*	421	46%*
serve as an unpaid member of a board or committee?	6	67%*	436	47%*
provide information or help to educate, influence public opinion, or lobby others?	5	56%*	444	48%*
help to organize/supervise activities/events for an organization?	7	78%*	663	72%*
do any consulting, executive, office or administrative work?	3	33%*	313	34%*
teach or coach for an organization?	3	33%*	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?	2	22%*	228	25%*

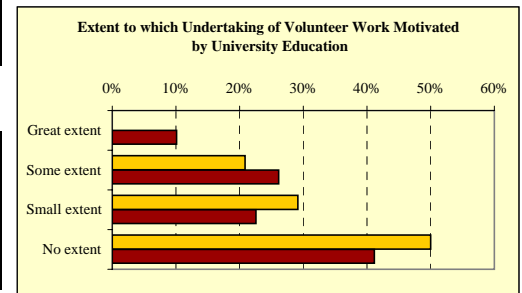
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	14.1901		UVIC	
\$0 (None)	2	8%	356	23%
\$1 to \$99	3	12%	225	15%
\$100 to \$199	3	12%	268	18%
\$200 to \$299	3	12%	191	13%
\$300 to \$399	1	4%	101	7%
\$400 to \$599	1	4%	115	8%
\$600 to \$999	2	8%	32	2%
\$1,000 or more	9	36%	153	10%
Median Annual Contribution	\$550		\$200	



32. Member or Participant in...	14.1901		UVIC	
Union/Professional Association (work-related)	18	72%	963	63%
Political organization	1	4%	93	6%
Cultural, educational or hobby organization	4	16%	496	33%
Sports or recreation organization	11	44%	647	43%
Religious-affiliated group	8	32%	238	16%
School group, civic, or community association	4	16%	406	27%
Other	1	4%	162	11%



33. To what extent did your university education motivate you to undertake volunteer work?	14.1901		UVIC	
Great extent	-	0%*	150	10%*
Some extent	5	21%*	388	26%*
Small extent	7	29%*	335	23%*
No extent	12	50%*	611	41%*

*percentages are of those who thought question was applicable