

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

Detailed Summary of Survey Results

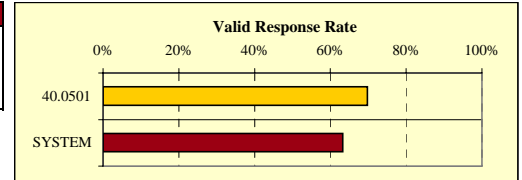
All Institutions

6 Digit CIP: 40.0501: Chemistry, General

■ SYSTEM
■ 40.0501

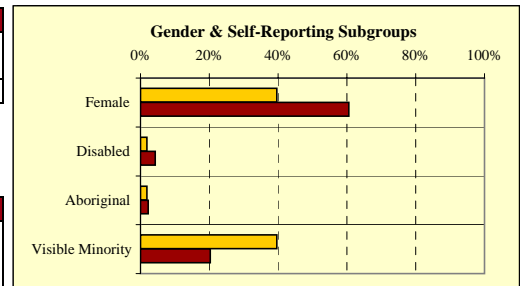
RESPONSE RATE

1. Survey Response Rate:	40.0501	SYSTEM
Baccalaureate Graduates Survey Cohort	83	9,531
Net Frame	76	8,613
Survey Respondents and Valid Response Rate	53	5,449
	70%	63%



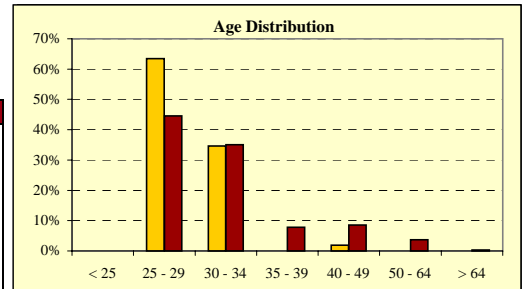
DEMOGRAPHIC INFORMATION

2. Gender:	40.0501	SYSTEM
Male	32	2,147
Female	21	3,302
Total	53	5,449
	100%	100%

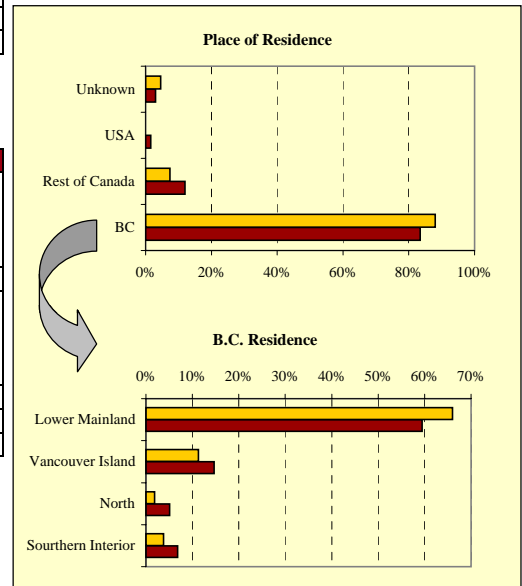


3. Self-Reporting Subgroups:	40.0501	SYSTEM
Disabled	1	234
Aboriginal	1	124
Visible Minority	21	1,104
	2%	20%

4. Age (at time of survey):	40.0501	SYSTEM
< 25	-	2
25 to 29	33	2,413
30 to 34	18	1,895
35 to 39	-	421
40 to 49	1	461
50 to 64	-	199
> 64	-	19
Unknown	1	39
Total	52	5,410
	100%	100%
Mean Age:	29.2	32.4



5. Place of Residence (at time of survey):	40.0501	SYSTEM
BC - Lower Mainland	35	3,241
BC - Vancouver Island	6	800
BC - North	1	276
BC - Southern Interior	2	372
B.C. Subtotal	44	4,689
Canada - Alberta	-	193
Canada - Ontario	3	212
Canada - Other	2	91
U.S.A.	2	146
Non-B.C. Subtotal	7	642
Unknown	2	118
Total	53	5,449
	100%	100%



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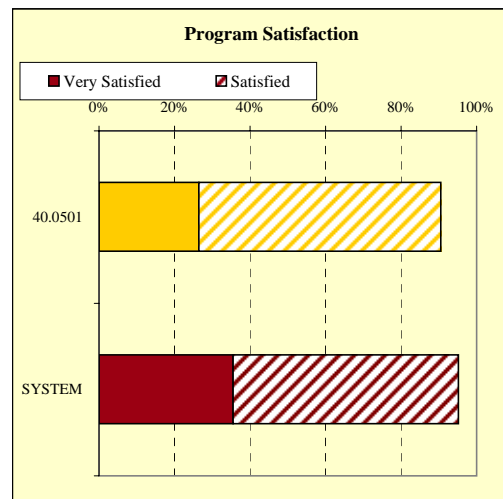
■ SYSTEM
 ■ 40.0501

EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	40.0501		SYSTEM	
Very Satisfied	14	26%	1,932	36%
Satisfied	34	64%	3,246	60%
Dissatisfied	3	6%	228	4%
Very Dissatisfied	2	4%	30	1%
Total	53	100%	5,436	100%

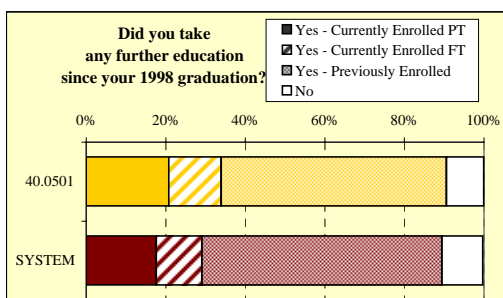
7. Would you select the same program again?	40.0501		SYSTEM	
Yes	28	55%	3,866	73%
No, because . . . (multiple response question)	23		1,420	
. . . not enough course variety offered	-	0%*	23	1%*
. . . skills acquired were not very useful	-	0%*	136	7%*
. . . courses were poorly taught	1	4%*	29	2%*
. . . program was too general	1	4%*	149	8%*
. . . courses were not practical	5	19%*	242	13%*
. . . interests have changed	5	19%*	356	20%*
. . . little or no career opportunities	13	48%*	511	28%*
. . . disagree with grading system	-	0%*	2	0%*
. . . disliked institution	-	0%*	6	0%*
. . . other	2	7%*	368	20%*

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



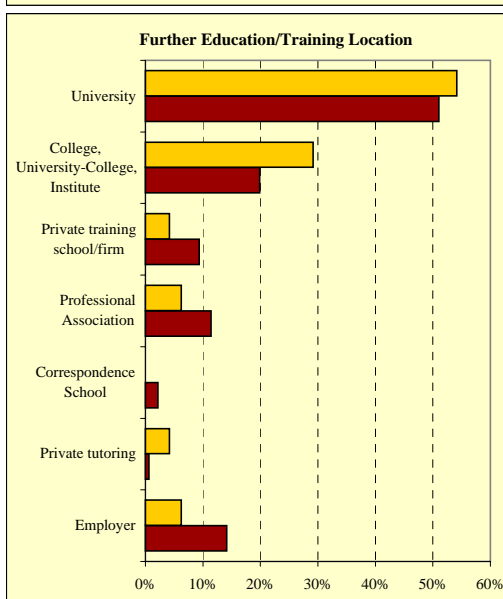
FURTHER EDUCATION

8. Took further education since 1996 graduation?	40.0501		SYSTEM	
Yes:	48	91%	4,885	90%
Not currently enrolled	30	57%	3,285	60%
Currently enrolled full-time	7	13%	628	12%
Currently enrolled part-time	11	21%	961	18%
No	5	9%	564	10%
Total	53	100%	5,449	100%



9. Further education/training location (multiple resp.):*	40.0501		SYSTEM	
University	26	54%*	2,494	51%*
College, University-College, Institute	14	29%*	972	20%*
Private training school/firm	2	4%*	457	9%*
Professional Association	3	6%*	557	11%*
Correspondence School	-	0%*	105	2%*
Private Tutoring	2	4%*	29	1%*
Employer	3	6%*	691	14%*
Other	-	0%*	163	3%*
Total Respondents	48		4,885	

* Percent of respondents



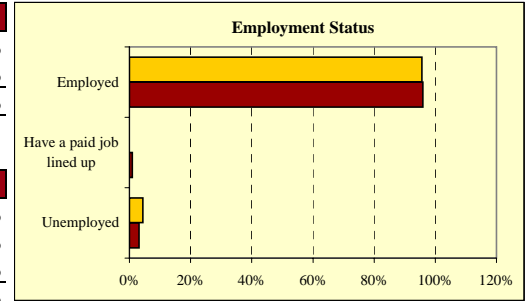
10. Main Reason for Further Education:	40.0501		SYSTEM	
Pursue another Bachelor degree	5	10%	315	6%
Pursue Masters studies	2	4%	566	10%
Pursue Doctoral studies	2	4%	138	3%
Career / job / employment related	35	70%	3,421	63%
Challenge myself intellectually	3	6%	446	8%
To please parents/family	-	0%	3	0%
Did not have a primary/main reason for enrolling	-	0%	13	0%
Required by employer	1	2%	173	3%
Other	2	4%	382	7%
Total	50	100%	5,457	100%

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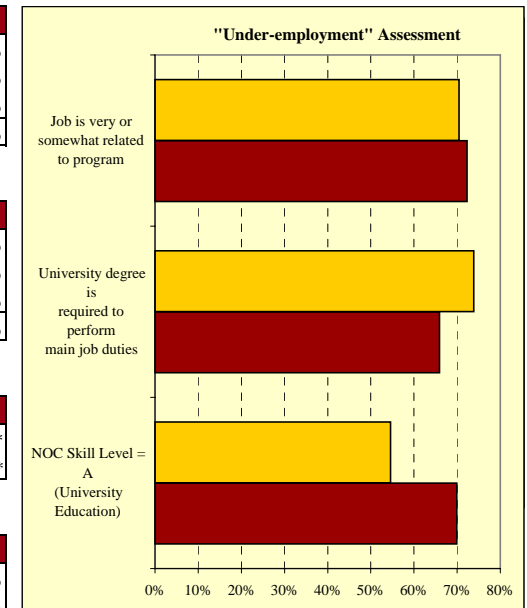
EMPLOYMENT

11. Labour Force Status:	40.0501		SYSTEM	
In Labour Force (working or seeking work)	46	87%	4,952	91%
Not in Labour Force	7	13%	497	9%
Grand Total	53	100%	5,449	100%



12. Employment Status of those IN Labour Force:	40.0501		SYSTEM	
Employed	44	96%	4,749	96%
Have a paid job lined up	-	0%	49	1%
Unemployed	2	4%	154	3%
Total Labour Force	46	100%	4,952	100%

13. Status of Graduates NOT in Labour Force:	40.0501		SYSTEM	
Attending School FT	3	43%	225	45%
Attending School PT	-	0%	27	5%
Other	4	57%	245	49%
Total NOT in Labour Force	7	100%	497	100%



14. Employment Type:	40.0501		SYSTEM	
Paid worker	40	91%	4,135	87%
Self-employed	4	9%	379	8%
Both a paid worker and self-employed	-	0%	235	5%
Total Employed	44	100%	4,749	100%

15. Job Characteristics:	40.0501		SYSTEM	
I hold more than one job	2	5%*	706	15%*
My main job is full-time (>= 30 hours per week)	43	98%**	4,014	86%**

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

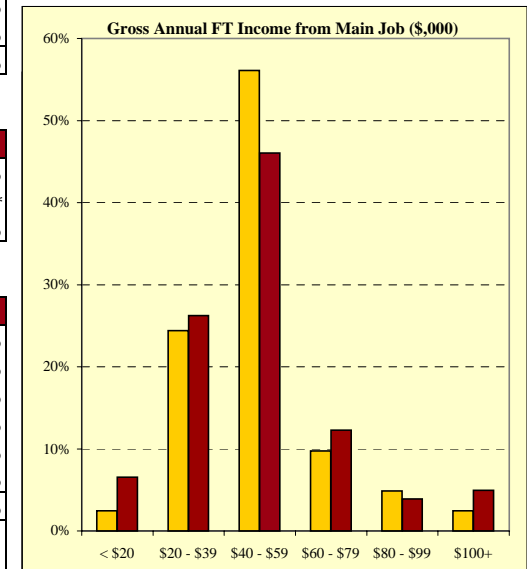
16. How related is your main job to your program?:	40.0501		SYSTEM	
Very Related	13	30%	1,940	41%
Somewhat Related	18	41%	1,492	31%
Not Very Related	6	14%	601	13%
Not At All Related	7	16%	712	15%
Total	44	100%	4,745	100%

17. "Under-employment" Assessment:	40.0501		SYSTEM	
Job is very or somewhat related to program	31	70%	3,432	72%
University degree is required to perform main job duties	31	74%*	3,000	66%*
NOC Skill Level = A (University Education)	24	55%	3,300	70%

* of total valid responses

18. Gross Annual Income from Main Job:*	40.0501		SYSTEM	
Less than \$20,000	1	2%	284	7%
\$20,000 to \$39,999	10	24%	1,138	26%
\$40,000 to \$59,999	23	56%	1,996	46%
\$60,000 to \$79,999	4	10%	533	12%
\$80,000 to \$99,999	2	5%	169	4%
\$100,000 and Above	1	2%	215	5%
Total	41	100%	4,335	100%
Median Annual Income (full-time)	\$45,000		\$45,680	
Average Annual Income (full-time)	\$49,712		\$54,596	

* where data provided

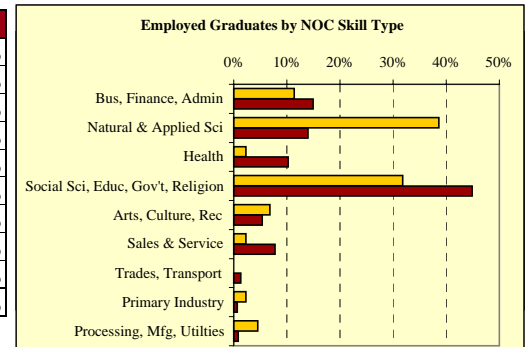


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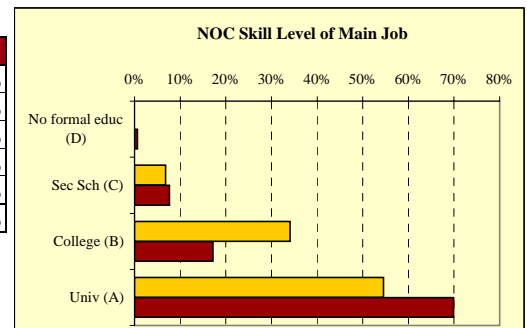
■ SYSTEM
■ 40.0501

EMPLOYMENT, continued

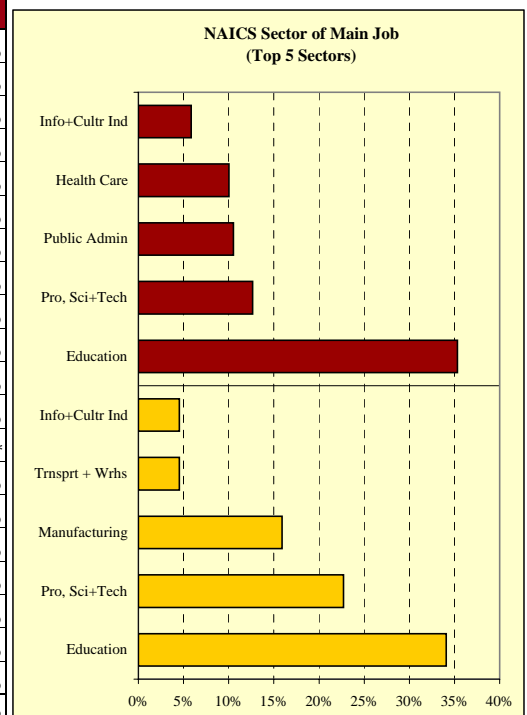
19. NOC Skill Type of Main Job:	40.0501	SYSTEM		
Business, Finance and Administration	5	11%	703	15%
Natural and Applied Sciences and Related	17	39%	659	14%
Health	1	2%	482	10%
Social Sciences, Educ., Gov't Services, Religion	14	32%	2,112	45%
Arts, Culture, Recreation and Sport	3	7%	252	5%
Sales and Service	1	2%	366	8%
Trades, Transport and Eqp. Operators and Related	-	0%	62	1%
Unique to the Primary Industry	1	2%	31	1%
Unique to Processing, Manufacturing and Utilities	2	5%	40	1%
Total	44	100%	4,707	100%



20. NOC Skill Level of Main Job:	40.0501	SYSTEM		
A. University education	24	55%	3,300	70%
B. College education/trade apprenticeship	15	34%	811	17%
C. Secondary school + job-specific training	3	7%	361	8%
D. No formal education	-	0%	29	1%
No Skill Level assigned (management)	2	5%	218	5%
Total	44	100%	4,719	100%



21. NAICS Sector of Main Job:	40.0501	SYSTEM		
Agriculture, Forestry, Fishing and Hunting	*	*	48	1%
Mining and Oil and Gas Extraction	*	*	17	0%
Utilities	*	*	20	0%
Construction	*	*	33	1%
Manufacturing	7	16%	271	6%
Wholesale Trade	*	*	46	1%
Retail Trade	*	*	157	3%
Transportation and Warehousing	2	5%	76	2%
Information and Cultural Industries	2	5%	275	6%
Finance and Insurance	*	*	231	5%
Real Estate and Rental and Leasing	*	*	31	1%
Professional, Scientific and Technical Services	10	23%	594	13%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*	28	1%
Education Services	15	34%	1659	35%
Health Care and Social Assistance	2	5%	471	10%
Arts, Entertainment and Recreation	*	*	89	2%
Accommodation and Food services	*	*	61	1%
Other Service (except Public Administration)	*	*	97	2%
Public Administration	2	5%	494	11%
Total	44	100%	4698	100%



*data not displayed where n < 2

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EMPLOYMENT, continued

22a. Top 10 Full-time Occupations of 40.0501 Graduates:				40.0501	
NOC	NOC	Skill Level Description		% Employed FT in this Occ.**	Median FT Salary
4141	A	Secondary School Teachers		16%	\$45,000
2211	B	Applied Chemical Technicians		16%	\$39,000
4161	A	Natural/App Sci Policy Rsrchrs		7%	\$45,000
2112	A	Chemists		7%	\$40,800
9432	C	Pulp Mill Machine Operators		5%	\$52,700
2173	A	Software Engineers		5%	\$50,000
*					
*					
*					
*					

*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 All Institutions:				SYSTEM	
NOC	NOC	Skill Level Description		% Employed FT in this Occ.**	Median FT Salary
4141	A	Secondary School Teachers		11%	\$43,000
4142	A	Elem & Kindergarten Teacher		11%	\$42,000
4112	A	Lawyers & Quebec Notaries		3%	\$75,000
3152	A	Registered Nurses		3%	\$51,474
1111	A	Financial Auditors & Acnts		2%	\$58,250
2173	A	Software Engineers		2%	\$72,000
1122	A	Occs in Bus Srvc to Mgmt		2%	\$65,000
4212	B	Community & Social Srvc Workers		1%	\$36,000
4131	A	College & Other Voc Instructors		1%	\$41,600
1114	A	Other Financial Officers		1%	\$56,000

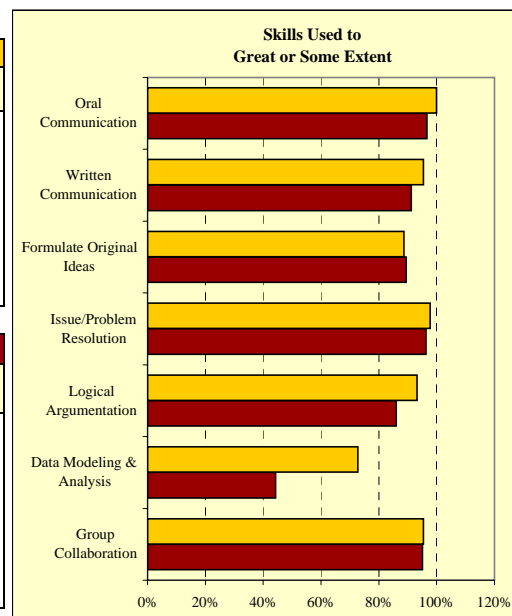
*data not displayed where n < 2

**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?	40.0501					# Resp.
	Great Extent	Some Extent	Small Extent	No Extent		
Oral Communication	77%	23%	0%	0%		44
Written Communication	77%	18%	5%	0%		44
Formulate Original Ideas	57%	32%	7%	5%		44
Issue/Problem Resolution	68%	30%	2%	0%		44
Logical Argumentation	52%	41%	7%	0%		44
Data Modeling & Analysis	32%	41%	23%	5%		44
Group Collaboration	84%	11%	2%	2%		44

23b. To what extent do you use [the following skills] in your main job?	SYSTEM					# Resp.
	Great Extent	Some Extent	Small Extent	No Extent		
Oral Communication	81%	16%	3%	1%		4,741
Written Communication	69%	22%	6%	3%		4,737
Formulate Original Ideas	54%	36%	8%	2%		4,737
Issue/Problem Resolution	77%	19%	3%	1%		4,741
Logical Argumentation	52%	34%	11%	3%		4,731
Data Modeling & Analysis	19%	25%	29%	27%		4,723
Group Collaboration	77%	18%	4%	1%		4,741



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EDUCATION FINANCING

24. Education Funding Sources (2 sources per respondent):	40.0501		SYSTEM	
Personal Savings	7	13%*	898	16%*
Employment	40	75%*	3,323	61%*
Family/Friends	21	40%*	2,048	38%*
Bank Loans	1	2%*	75	1%*
Student Loans	14	26%*	2,051	38%*
Scholarships/Bursaries/Grants	9	17%*	661	12%*
Other	-	0%*	90	2%*
Total Respondents	53		5,449	

* Percentage of respondents who identified this source

25. Financial Debt Incurred to Finance Univ. Education:	40.0501		SYSTEM	
Incurred any form of financial debt	16	31%*	2,471	47%*
Incurred government-sponsored student loan debt	13	25%*	2,106	40%*

* Percentage of respondents who provided data

26. Financial Debt Amount:*	40.0501		SYSTEM	
< \$1,000	-	0%	12	0%
\$1,000 to \$4,999	2	13%	231	9%
\$5,000 to \$9,999	3	19%	448	18%
\$10,000 to \$14,999	3	19%	469	19%
\$15,000 to \$19,999	3	19%	291	12%
\$20,000 to \$29,999	3	19%	527	21%
\$30,000 to \$39,999	1	6%	298	12%
\$40,000 or More	1	6%	195	8%
Total	16	100%	2,471	100%
Median Financial Debt	\$15,500		\$15,000	

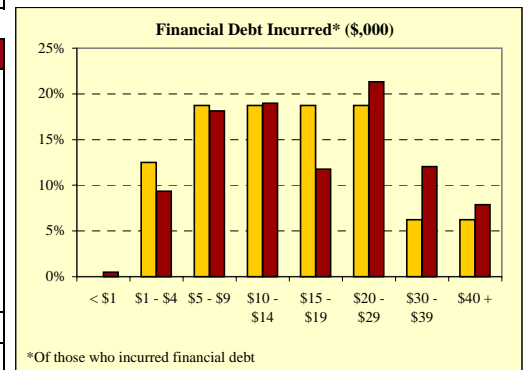
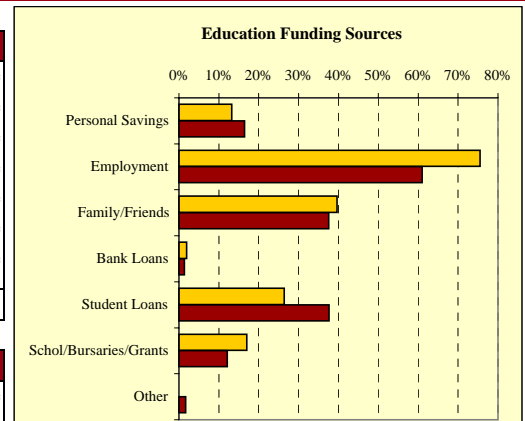
*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	40.0501		SYSTEM	
< \$1,000	-	0%	10	0%
\$1,000 to \$4,999	-	0%	187	9%
\$5,000 to \$9,999	2	15%	399	19%
\$10,000 to \$14,999	3	23%	402	19%
\$15,000 to \$19,999	4	31%	321	15%
\$20,000 to \$29,999	4	31%	533	25%
\$30,000 to \$39,999	-	0%	192	9%
\$40,000 or More	-	0%	62	3%
Total	13	100%	2,106	100%
Median Gov't-Sponsored Student Loan Debt	\$17,000		\$15,000	

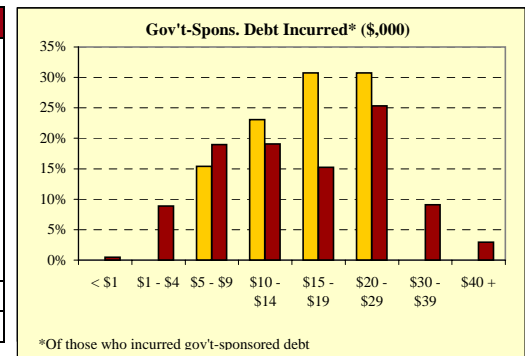
*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	40.0501		SYSTEM	
None - Loan repaid in full	5	42%	747	39%
< \$1,000	-	0%	34	2%
\$1,000 to \$4,999	2	17%	249	13%
\$5,000 to \$9,999	1	8%	296	15%
\$10,000 to \$14,999	2	17%	234	12%
\$15,000 to \$19,999	2	17%	136	7%
\$20,000 to \$29,999	-	0%	174	9%
\$30,000 to \$39,999	-	0%	39	2%
\$40,000 or More	-	0%	26	1%
Total	12	100%	1,935	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$2,500		\$3,600	

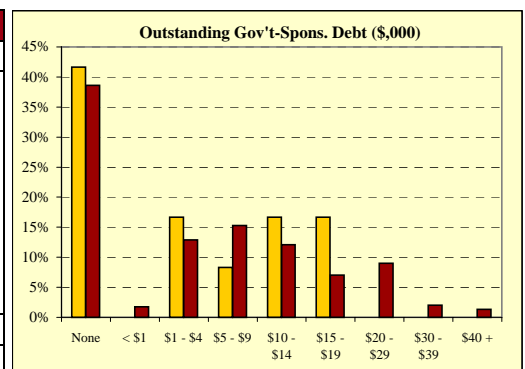
*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



*Of those who incurred financial debt



*Of those who incurred gov't-sponsored debt



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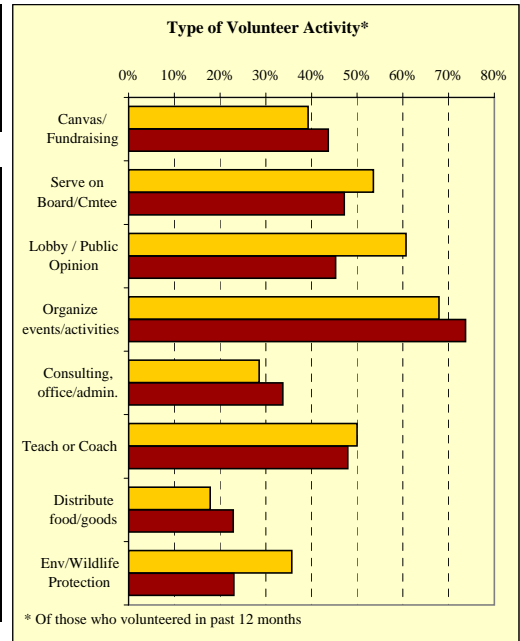
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SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

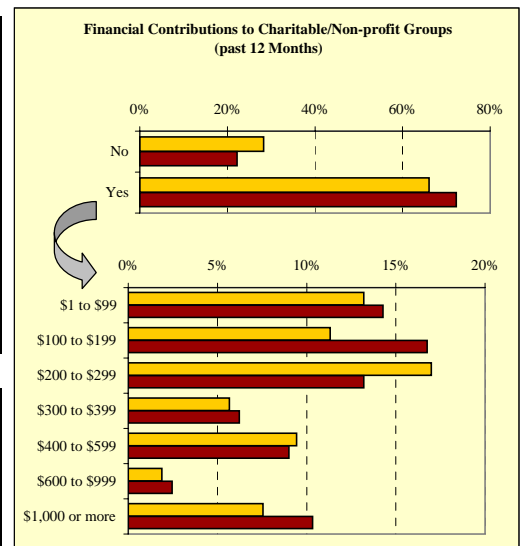
29. In the past 12 months, have you acted as an unpaid volunteer?	40.0501		SYSTEM	
No	22	44%	2,237	41%
Yes	28	56%	3,162	59%
Volunteer Hours/Week (Median)	1		1	

30. In the past 12 months, as an unpaid volunteer for an organization did you...	40.0501		SYSTEM	
do any canvassing, campaigning or fundraising?	11	39%*	1,382	44%*
serve as an unpaid member of a board or committee?	15	54%*	1,492	47%*
provide information or help to educate, influence public opinion, or lobby others?	17	61%*	1,431	45%*
help to organize/supervise activities/events for an organization?	19	68%*	2,331	74%*
do any consulting, executive, office or administrative work?	8	29%*	1,067	34%*
teach or coach for an organization?	14	50%*	1,517	48%*
collect, serve or deliver food or other goods?	5	18%*	723	23%*
engage in any activities aimed at protecting the environment or wildlife?	10	36%*	728	23%*

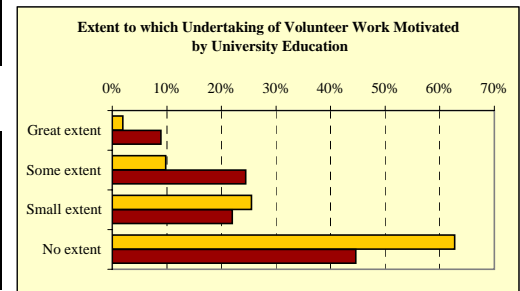
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	40.0501		SYSTEM	
\$0 (None)	15	28%	1,212	22%
\$1 to \$99	7	13%	778	14%
\$100 to \$199	6	11%	913	17%
\$200 to \$299	9	17%	719	13%
\$300 to \$399	3	6%	339	6%
\$400 to \$599	5	9%	491	9%
\$600 to \$999	1	2%	134	2%
\$1,000 or more	4	8%	563	10%
Median Annual Contribution	\$200		\$200	



32. Member or Participant in...	40.0501		SYSTEM	
Union/Professional Association (work-related)	31	58%	3,621	66%
Political organization	2	4%	283	5%
Cultural, educational or hobby organization	13	25%	1,776	33%
Sports or recreation organization	27	51%	2,369	43%
Religious-affiliated group	6	11%	1,020	19%
School group, civic, or community association	11	21%	1,449	27%
Other	4	8%	470	9%



33. To what extent did your university education motivate you to undertake volunteer work?	40.0501		SYSTEM	
Great extent	1	2%*	474	9%*
Some extent	5	10%*	1,298	24%*
Small extent	13	25%*	1,168	22%*
No extent	32	63%*	2,367	45%*

*percentages are of those who thought question was applicable