

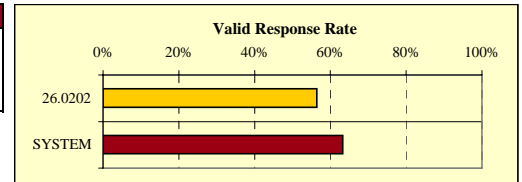
B.C. University Student Outcomes 2001 Survey of 1996 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 26.0202: Biochemistry

■ SYSTEM
■ 26.0202

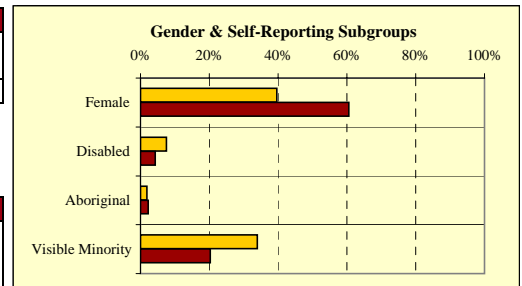
RESPONSE RATE

1. Survey Response Rate:	26.0202	SYSTEM
Baccalaureate Graduates Survey Cohort	102	9,531
Net Frame	94	8,613
Survey Respondents and Valid Response Rate	53	5,449
	56%	63%



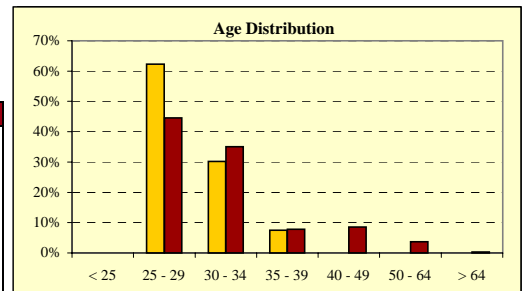
DEMOGRAPHIC INFORMATION

2. Gender:	26.0202	SYSTEM
Male	32	2,147
Female	21	3,302
Total	53	5,449
	100%	100%

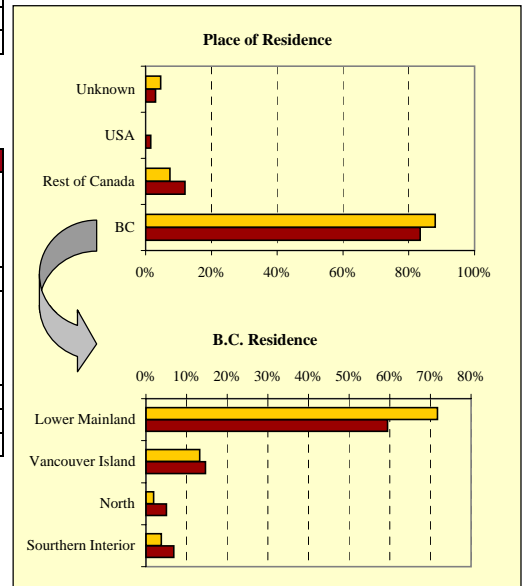


3. Self-Reporting Subgroups:	26.0202	SYSTEM
Disabled	4	234
Aboriginal	1	124
Visible Minority	18	1,104
	8%	20%

4. Age (at time of survey):	26.0202	SYSTEM
< 25	-	2
25 to 29	33	2,413
30 to 34	16	1,895
35 to 39	4	421
40 to 49	-	461
50 to 64	-	199
> 64	-	19
Unknown	-	39
Total	53	5,410
Mean Age:	29.3	32.4



5. Place of Residence (at time of survey):	26.0202	SYSTEM
BC - Lower Mainland	38	3,241
BC - Vancouver Island	7	800
BC - North	1	276
BC - Southern Interior	2	372
B.C. Subtotal	48	4,689
Canada - Alberta	2	193
Canada - Ontario	1	212
Canada - Other	1	91
U.S.A.	-	146
Non-B.C. Subtotal	4	642
Unknown	1	118
Total	53	5,449
	91%	86%

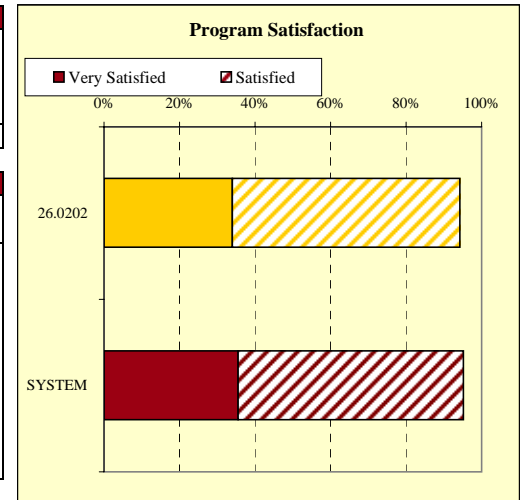


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EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	26.0202		SYSTEM	
Very Satisfied	18	34%	1,932	36%
Satisfied	32	60%	3,246	60%
Dissatisfied	1	2%	228	4%
Very Dissatisfied	2	4%	30	1%
Total	53	100%	5,436	100%

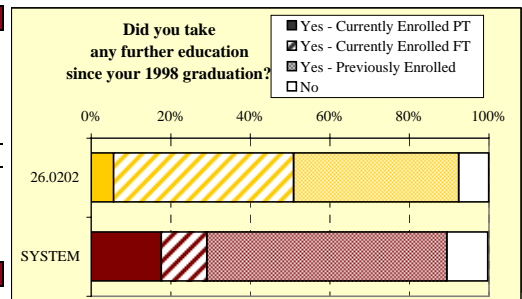


7. Would you select the same program again?	26.0202		SYSTEM	
Yes	30	60%	3,866	73%
No, because . . . (multiple response question)	20		1,420	
. . . not enough course variety offered	-	0%*	23	1%*
. . . skills acquired were not very useful	1	5%*	136	7%*
. . . courses were poorly taught	2	9%*	29	2%*
. . . program was too general	-	0%*	149	8%*
. . . courses were not practical	-	0%*	242	13%*
. . . interests have changed	8	36%*	356	20%*
. . . little or no career opportunities	6	27%*	511	28%*
. . . disagree with grading system	-	0%*	2	0%*
. . . disliked institution	-	0%*	6	0%*
. . . other	5	23%*	368	20%*

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

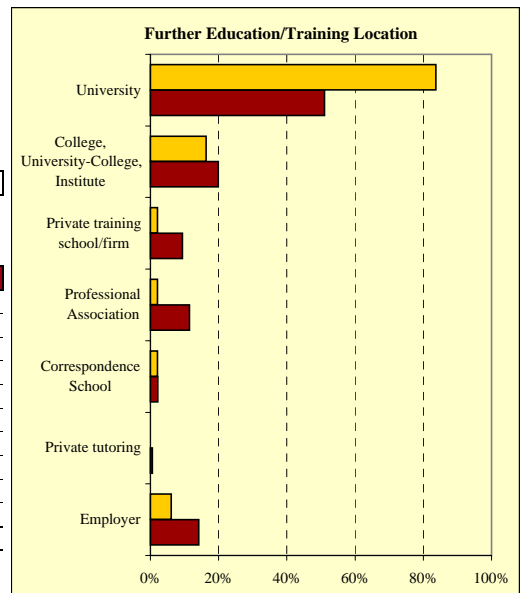
FURTHER EDUCATION

8. Took further education since 1996 graduation?	26.0202		SYSTEM	
Yes:	49	92%	4,885	90%
Not currently enrolled	22	42%	3,285	60%
Currently enrolled full-time	24	45%	628	12%
Currently enrolled part-time	3	6%	961	18%
No	4	8%	564	10%
Total	53	100%	5,449	100%



9. Further education/training location (multiple resp.):*	26.0202		SYSTEM	
University	41	84%*	2,494	51%*
College, University-College, Institute	8	16%*	972	20%*
Private training school/firm	1	2%*	457	9%*
Professional Association	1	2%*	557	11%*
Correspondence School	1	2%*	105	2%*
Private Tutoring	-	0%*	29	1%*
Employer	3	6%*	691	14%*
Other	-	0%*	163	3%*
Total Respondents	49		4,885	

* Percent of respondents



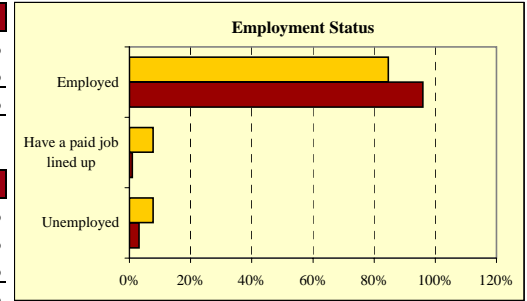
10. Main Reason for Further Education:	26.0202		SYSTEM	
Pursue another Bachelor degree	5	9%	315	6%
Pursue Masters studies	4	7%	566	10%
Pursue Doctoral studies	12	22%	138	3%
Career / job / employment related	24	44%	3,421	63%
Challenge myself intellectually	5	9%	446	8%
To please parents/family	-	0%	3	0%
Did not have a primary/main reason for enrolling	-	0%	13	0%
Required by employer	-	0%	173	3%
Other	5	9%	382	7%
Total	55	100%	5,457	100%

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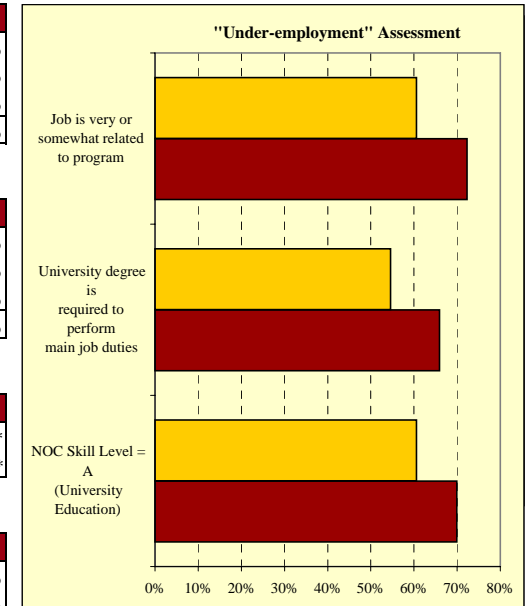
EMPLOYMENT

11. Labour Force Status:	26.0202	SYSTEM
In Labour Force (working or seeking work)	39 74%	4,952 91%
Not in Labour Force	14 26%	497 9%
Grand Total	53 100%	5,449 100%



12. Employment Status of those IN Labour Force:	26.0202	SYSTEM
Employed	33 85%	4,749 96%
Have a paid job lined up	3 8%	49 1%
Unemployed	3 8%	154 3%
Total Labour Force	39 100%	4,952 100%

13. Status of Graduates NOT in Labour Force:	26.0202	SYSTEM
Attending School FT	13 93%	225 45%
Attending School PT	- 0%	27 5%
Other	1 7%	245 49%
Total NOT in Labour Force	14 100%	497 100%



14. Employment Type:	26.0202	SYSTEM
Paid worker	30 91%	4,135 87%
Self-employed	2 6%	379 8%
Both a paid worker and self-employed	1 3%	235 5%
Total Employed	33 100%	4,749 100%

15. Job Characteristics:	26.0202	SYSTEM
I hold more than one job	5 15%*	706 15%*
My main job is full-time (>= 30 hours per week)	28 85%**	4,014 86%**

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

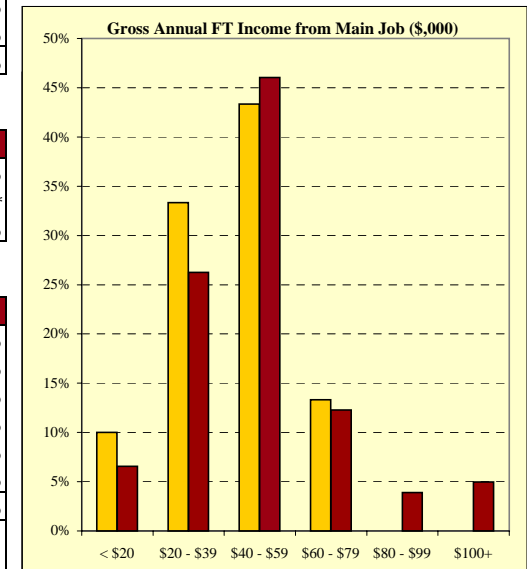
16. How related is your main job to your program?:	26.0202	SYSTEM
Very Related	6 18%	1,940 41%
Somewhat Related	14 42%	1,492 31%
Not Very Related	9 27%	601 13%
Not At All Related	4 12%	712 15%
Total	33 100%	4,745 100%

17. "Under-employment" Assessment:	26.0202	SYSTEM
Job is very or somewhat related to program	20 61%	3,432 72%
University degree is required to perform main job duties	18 55%*	3,000 66%*
NOC Skill Level = A (University Education)	20 61%	3,300 70%

* of total valid responses

18. Gross Annual Income from Main Job:*	26.0202	SYSTEM
Less than \$20,000	3 10%	284 7%
\$20,000 to \$39,999	10 33%	1,138 26%
\$40,000 to \$59,999	13 43%	1,996 46%
\$60,000 to \$79,999	4 13%	533 12%
\$80,000 to \$99,999	- 0%	169 4%
\$100,000 and Above	- 0%	215 5%
Total	30 100%	4,335 100%
Median Annual Income (full-time)	\$41,132	\$45,680
Average Annual Income (full-time)	\$45,394	\$54,596

* where data provided

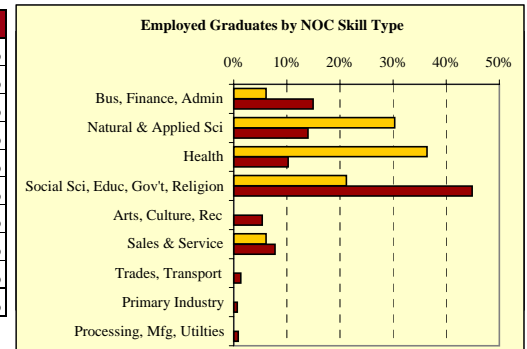


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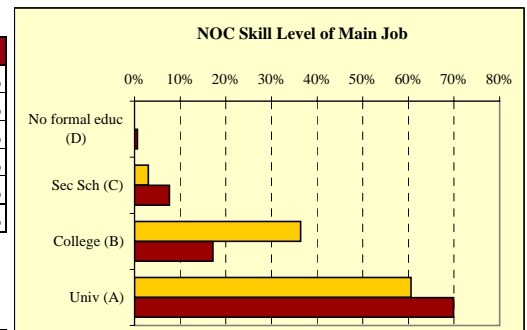
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EMPLOYMENT, continued

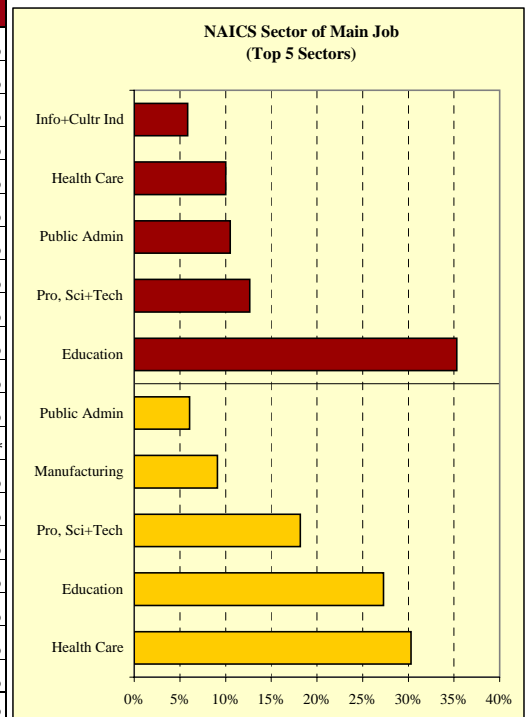
19. NOC Skill Type of Main Job:	26.0202	SYSTEM		
Business, Finance and Administration	2	6%	703	15%
Natural and Applied Sciences and Related	10	30%	659	14%
Health	12	36%	482	10%
Social Sciences, Educ., Gov't Services, Religion	7	21%	2,112	45%
Arts, Culture, Recreation and Sport	-	0%	252	5%
Sales and Service	2	6%	366	8%
Trades, Transport and Eqp. Operators and Related	-	0%	62	1%
Unique to the Primary Industry	-	0%	31	1%
Unique to Processing, Manufacturing and Utilities	-	0%	40	1%
Total	33	100%	4,707	100%



20. NOC Skill Level of Main Job:	26.0202	SYSTEM		
A. University education	20	61%	3,300	70%
B. College education/trade apprenticeship	12	36%	811	17%
C. Secondary school + job-specific training	1	3%	361	8%
D. No formal education	-	0%	29	1%
No Skill Level assigned (management)	-	0%	218	5%
Total	33	100%	4,719	100%



21. NAICS Sector of Main Job:	26.0202	SYSTEM		
Agriculture, Forestry, Fishing and Hunting	*	*	48	1%
Mining and Oil and Gas Extraction	*	*	17	0%
Utilities	*	*	20	0%
Construction	*	*	33	1%
Manufacturing	3	9%	271	6%
Wholesale Trade	*	*	46	1%
Retail Trade	*	*	157	3%
Transportation and Warehousing	*	*	76	2%
Information and Cultural Industries	*	*	275	6%
Finance and Insurance	*	*	231	5%
Real Estate and Rental and Leasing	*	*	31	1%
Professional, Scientific and Technical Services	6	18%	594	13%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*	28	1%
Education Services	9	27%	1659	35%
Health Care and Social Assistance	10	30%	471	10%
Arts, Entertainment and Recreation	*	*	89	2%
Accommodation and Food services	*	*	61	1%
Other Service (except Public Administration)	*	*	97	2%
Public Administration	2	6%	494	11%
Total	33	100%	4698	100%



*data not displayed where n < 2

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EMPLOYMENT, continued

22a. Top 10 Full-time Occupations of 26.0202 Graduates:

			26.0202	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
3112	A	General Practitioners	15%	\$40,000
2221	B	Biological Technicians	9%	\$34,000
2173	A	Software Engineers	6%	\$53,120
2241	B	Electrical Engineering Technicians	6%	\$40,430
4122	A	Post-Sec Teaching & Research Asstnts	6%	\$33,200
*				
*				
*				
*				
*				

*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

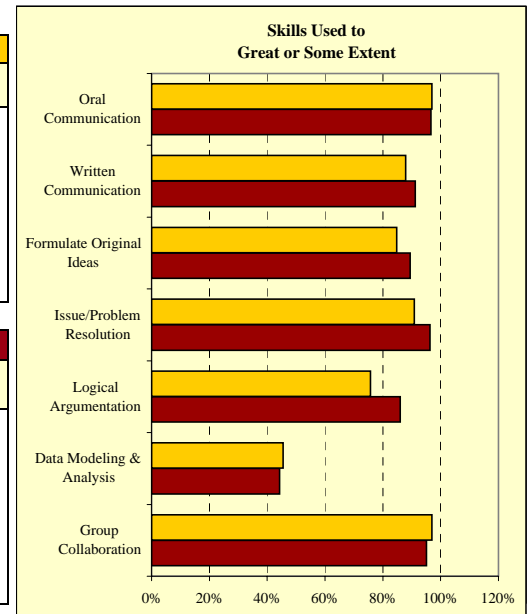
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**percentages cited are of those for whom occupational data was provided, full-time and part-time

SKILLS USED IN EMPLOYMENT

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

	26.0202				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	76%	21%	3%	0%	33
Written Communication	67%	21%	6%	6%	33
Formulate Original Ideas	39%	45%	9%	6%	33
Issue/Problem Resolution	64%	27%	9%	0%	33
Logical Argumentation	45%	30%	15%	9%	33
Data Modeling & Analysis	9%	36%	39%	15%	33
Group Collaboration	79%	18%	0%	3%	33



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):	26.0202		SYSTEM	
Personal Savings	4	8%*	898	16%*
Employment	32	60%*	3,323	61%*
Family/Friends	29	55%*	2,048	38%*
Bank Loans	3	6%*	75	1%*
Student Loans	14	26%*	2,051	38%*
Scholarships/Bursaries/Grants	12	23%*	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:	26.0202		SYSTEM	
Incurred any form of financial debt	20	39%*	2,471	47%*
Incurred government-sponsored student loan debt	17	33%*	2,106	40%*

* Percentage of respondents who provided data

26. Financial Debt Amount:*	26.0202		SYSTEM	
< \$1,000	1	5%	12	0%
\$1,000 to \$4,999	1	5%	231	9%
\$5,000 to \$9,999	2	10%	448	18%
\$10,000 to \$14,999	5	25%	469	19%
\$15,000 to \$19,999	4	20%	291	12%
\$20,000 to \$29,999	3	15%	527	21%
\$30,000 to \$39,999	3	15%	298	12%
\$40,000 or More	1	5%	195	8%
Total	20	100%	2,471	100%
Median Financial Debt	\$15,000		\$15,000	

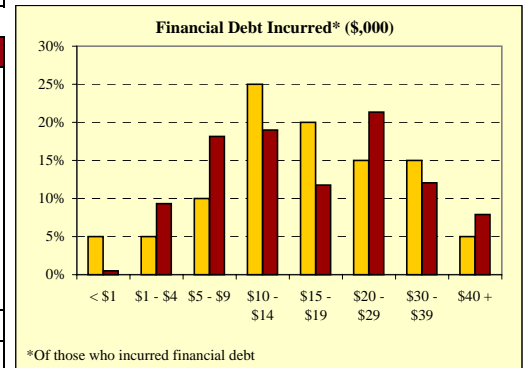
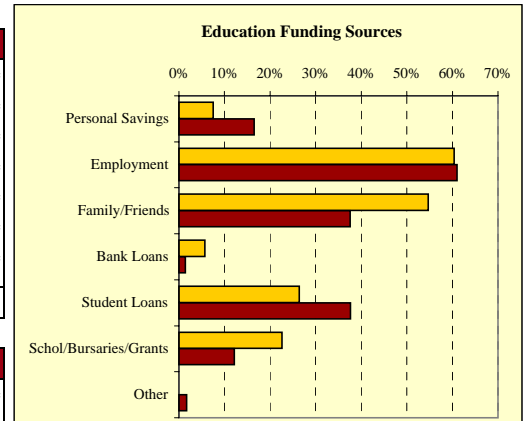
*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	26.0202		SYSTEM	
< \$1,000	1	6%	10	0%
\$1,000 to \$4,999	1	6%	187	9%
\$5,000 to \$9,999	4	24%	399	19%
\$10,000 to \$14,999	3	18%	402	19%
\$15,000 to \$19,999	2	12%	321	15%
\$20,000 to \$29,999	4	24%	533	25%
\$30,000 to \$39,999	1	6%	192	9%
\$40,000 or More	1	6%	62	3%
Total	17	100%	2,106	100%
Median Gov't-Sponsored Student Loan Debt	\$14,000		\$15,000	

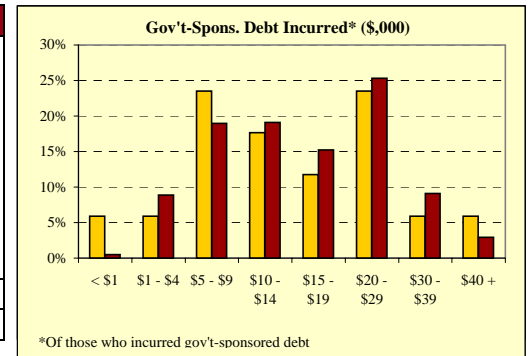
*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	26.0202		SYSTEM	
None - Loan repaid in full	4	25%	747	39%
< \$1,000	-	0%	34	2%
\$1,000 to \$4,999	2	13%	249	13%
\$5,000 to \$9,999	4	25%	296	15%
\$10,000 to \$14,999	1	6%	234	12%
\$15,000 to \$19,999	1	6%	136	7%
\$20,000 to \$29,999	2	13%	174	9%
\$30,000 to \$39,999	1	6%	39	2%
\$40,000 or More	1	6%	26	1%
Total	16	100%	1,935	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$6,000		\$3,600	

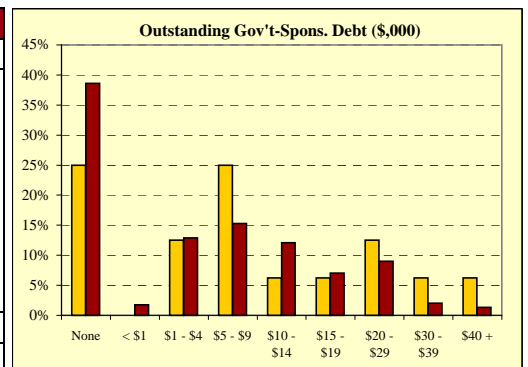
*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



*Of those who incurred financial debt



*Of those who incurred gov't-sponsored debt



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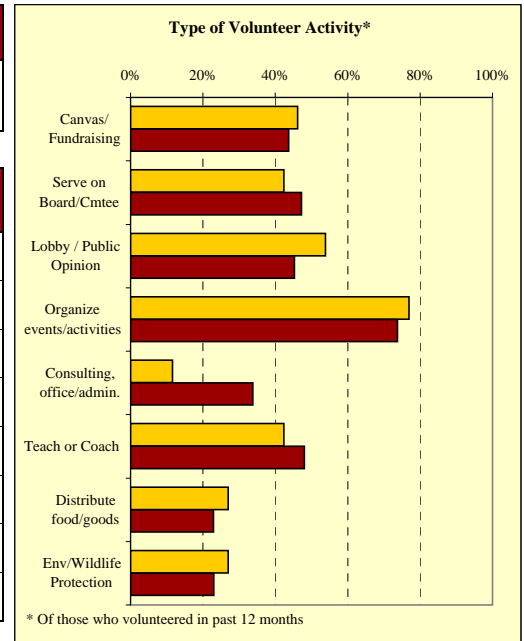
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SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

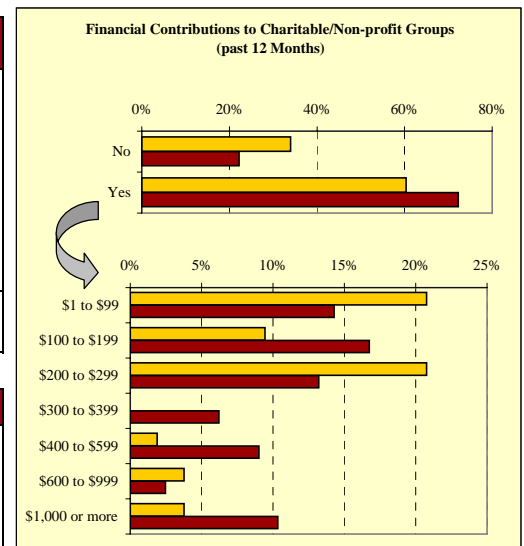
29. In the past 12 months, have you acted as an unpaid volunteer?	26.0202	SYSTEM
No	25 49%	2,237 41%
Yes	26 51%	3,162 59%
Volunteer Hours/Week (Median)	2	1

30. In the past 12 months, as an unpaid volunteer for an organization did you...	26.0202	SYSTEM
do any canvassing, campaigning or fundraising?	12 46%*	1,382 44%*
serve as an unpaid member of a board or committee?	11 42%*	1,492 47%*
provide information or help to educate, influence public opinion, or lobby others?	14 54%*	1,431 45%*
help to organize/supervise activities/events for an organization?	20 77%*	2,331 74%*
do any consulting, executive, office or administrative work?	3 12%*	1,067 34%*
teach or coach for an organization?	11 42%*	1,517 48%*
collect, serve or deliver food or other goods?	7 27%*	723 23%*
engage in any activities aimed at protecting the environment or wildlife?	7 27%*	728 23%*

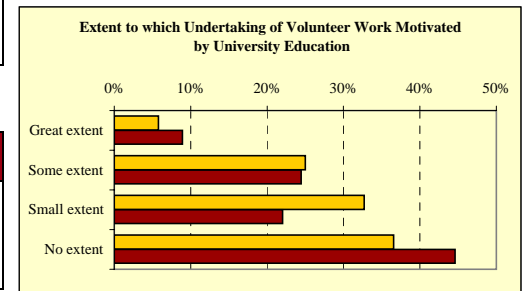
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	26.0202	SYSTEM
\$0 (None)	18 34%	1,212 22%
\$1 to \$99	11 21%	778 14%
\$100 to \$199	5 9%	913 17%
\$200 to \$299	11 21%	719 13%
\$300 to \$399	- 0%	339 6%
\$400 to \$599	1 2%	491 9%
\$600 to \$999	2 4%	134 2%
\$1,000 or more	2 4%	563 10%
Median Annual Contribution	\$150	\$200



32. Member or Participant in...	26.0202	SYSTEM
Union/Professional Association (work-related)	28 53%	3,621 66%
Political organization	1 2%	283 5%
Cultural, educational or hobby organization	15 28%	1,776 33%
Sports or recreation organization	24 45%	2,369 43%
Religious-affiliated group	7 13%	1,020 19%
School group, civic, or community association	9 17%	1,449 27%
Other	6 11%	470 9%



33. To what extent did your university education motivate you to undertake volunteer work?	26.0202	SYSTEM
Great extent	3 6%*	474 9%*
Some extent	13 25%*	1,298 24%*
Small extent	17 33%*	1,168 22%*
No extent	19 37%*	2,367 45%*

*percentages are of those who thought question was applicable