

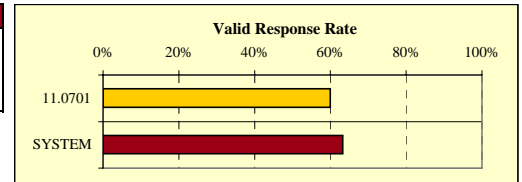
B.C. University Student Outcomes 2001 Survey of 1996 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 11.0701: Computer Science

■ SYSTEM
■ 11.0701

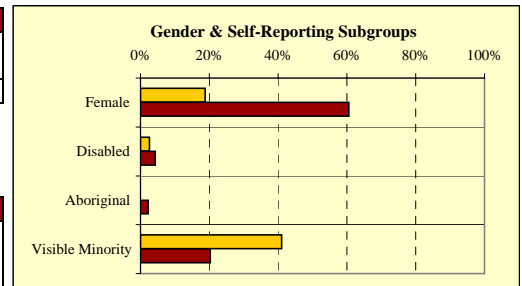
RESPONSE RATE

1. Survey Response Rate:	11.0701	SYSTEM
Baccalaureate Graduates Survey Cohort	229	9,531
Net Frame	195	8,613
Survey Respondents and Valid Response Rate	117	5,449
	60%	63%



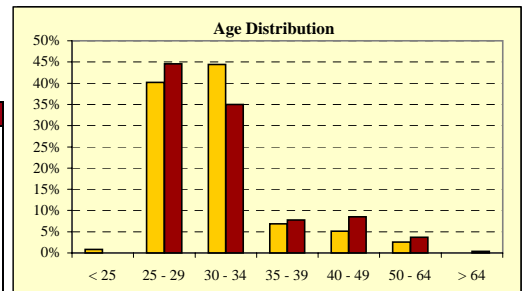
DEMOGRAPHIC INFORMATION

2. Gender:	11.0701	SYSTEM
Male	95	2,147
Female	22	3,302
Total	117	5,449
	100%	100%

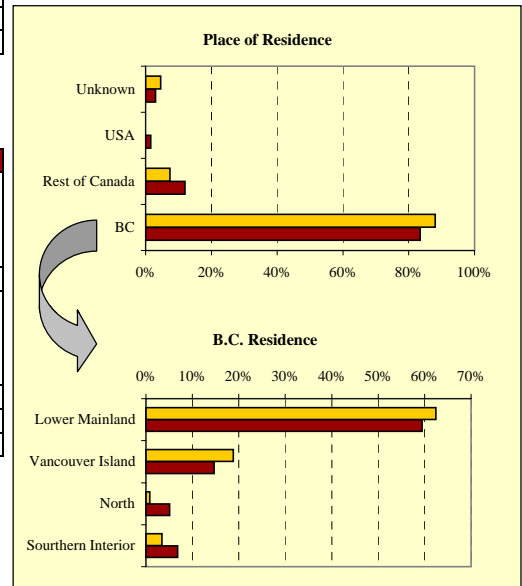


3. Self-Reporting Subgroups:	11.0701	SYSTEM
Disabled	3	234
Aboriginal	-	124
Visible Minority	48	1,104
	41%	20%

4. Age (at time of survey):	11.0701	SYSTEM
< 25	1	2
25 to 29	47	2,413
30 to 34	52	1,895
35 to 39	8	421
40 to 49	6	461
50 to 64	3	199
> 64	-	19
Unknown	-	39
Total	117	5,410
	100%	100%
Mean Age:	31.7	32.4



5. Place of Residence (at time of survey):	11.0701	SYSTEM
BC - Lower Mainland	73	3,241
BC - Vancouver Island	22	800
BC - North	1	276
BC - Southern Interior	4	372
B.C. Subtotal	100	4,689
Canada - Alberta	4	193
Canada - Ontario	4	212
Canada - Other	1	91
U.S.A.	7	146
Non-B.C. Subtotal	16	642
Unknown	1	118
Total	117	5,449
	100%	100%



Detailed Summary of Survey Results

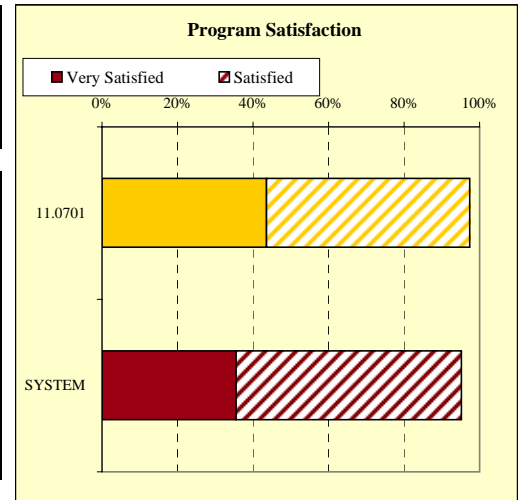
All Institutions

6 Digit CIP: 11.0701: Computer Science

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■ 11.0701

EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	11.0701		SYSTEM	
Very Satisfied	51	44%	1,932	36%
Satisfied	63	54%	3,246	60%
Dissatisfied	3	3%	228	4%
Very Dissatisfied	-	0%	30	1%
Total	117	100%	5,436	100%

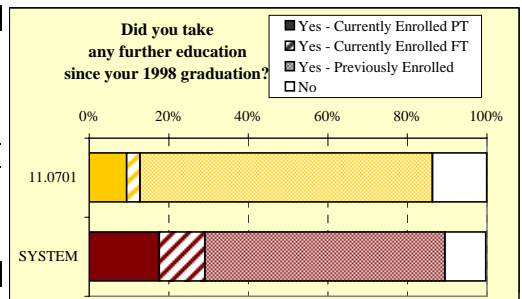


7. Would you select the same program again?	11.0701		SYSTEM	
Yes	109	96%	3,866	73%
No, because . . . (multiple response question)	5		1,420	
. . . not enough course variety offered	-	0%*	23	1%*
. . . skills acquired were not very useful	1	17%*	136	7%*
. . . courses were poorly taught	-	0%*	29	2%*
. . . program was too general	1	17%*	149	8%*
. . . courses were not practical	1	17%*	242	13%*
. . . interests have changed	1	17%*	356	20%*
. . . little or no career opportunities	-	0%*	511	28%*
. . . disagree with grading system	-	0%*	2	0%*
. . . disliked institution	-	0%*	6	0%*
. . . other	2	33%*	368	20%*

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

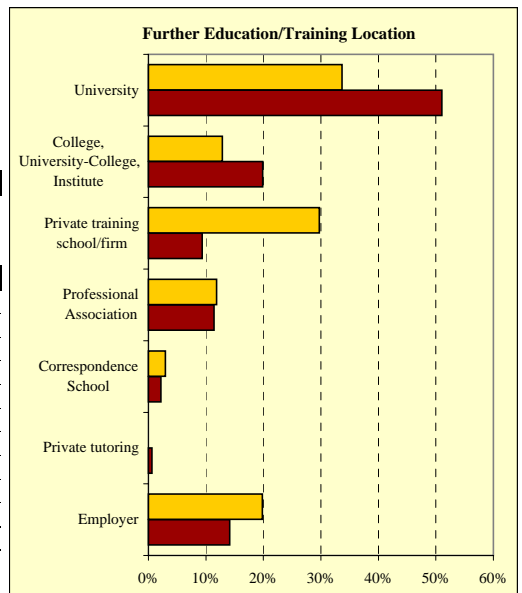
FURTHER EDUCATION

8. Took further education since 1996 graduation?	11.0701		SYSTEM	
Yes:	101	86%	4,885	90%
Not currently enrolled	86	74%	3,285	60%
Currently enrolled full-time	4	3%	628	12%
Currently enrolled part-time	11	9%	961	18%
No	16	14%	564	10%
Total	117	100%	5,449	100%



9. Further education/training location (multiple resp.):*	11.0701		SYSTEM	
University	34	34%*	2,494	51%*
College, University-College, Institute	13	13%*	972	20%*
Private training school/firm	30	30%*	457	9%*
Professional Association	12	12%*	557	11%*
Correspondence School	3	3%*	105	2%*
Private Tutoring	-	0%*	29	1%*
Employer	20	20%*	691	14%*
Other	6	6%*	163	3%*
Total Respondents	101		4,885	

* Percent of respondents



10. Main Reason for Further Education:	11.0701		SYSTEM	
Pursue another Bachelor degree	-	0%	315	6%
Pursue Masters studies	12	10%	566	10%
Pursue Doctoral studies	-	0%	138	3%
Career / job / employment related	84	71%	3,421	63%
Challenge myself intellectually	7	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	7	6%	173	3%
Other	8	7%	382	7%
Total	118	100%	5,457	100%

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EMPLOYMENT

11. Labour Force Status:	11.0701		SYSTEM	
In Labour Force (working or seeking work)	112	96%	4,952	91%
Not in Labour Force	5	4%	497	9%
Grand Total	117	100%	5,449	100%

12. Employment Status of those IN Labour Force:	11.0701		SYSTEM	
Employed	106	95%	4,749	96%
Have a paid job lined up	1	1%	49	1%
Unemployed	5	4%	154	3%
Total Labour Force	112	100%	4,952	100%

13. Status of Graduates NOT in Labour Force:	11.0701		SYSTEM	
Attending School FT	-	0%	225	45%
Attending School PT	-	0%	27	5%
Other	5	100%	245	49%
Total NOT in Labour Force	5	100%	497	100%

14. Employment Type:	11.0701		SYSTEM	
Paid worker	95	90%	4,135	87%
Self-employed	8	8%	379	8%
Both a paid worker and self-employed	3	3%	235	5%
Total Employed	106	100%	4,749	100%

15. Job Characteristics:	11.0701		SYSTEM	
I hold more than one job	6	6%*	706	15%*
My main job is full-time (>= 30 hours per week)	100	95%**	4,014	86%**

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

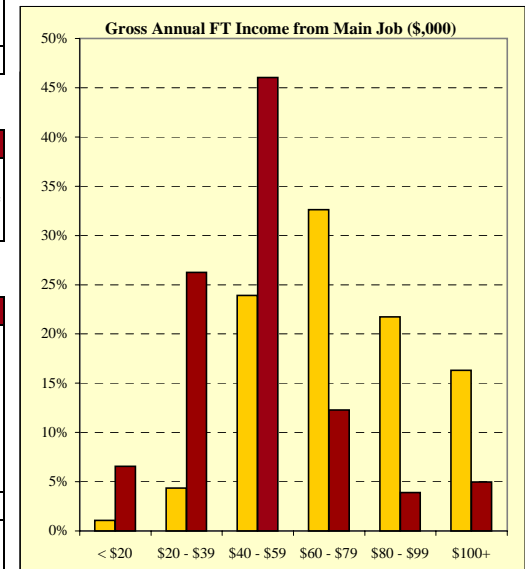
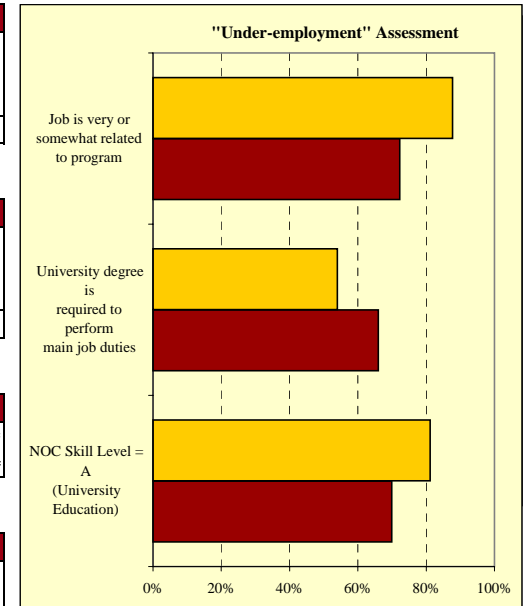
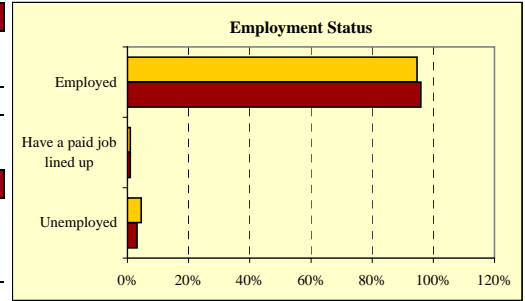
16. How related is your main job to your program?	11.0701		SYSTEM	
Very Related	63	59%	1,940	41%
Somewhat Related	30	28%	1,492	31%
Not Very Related	9	8%	601	13%
Not At All Related	4	4%	712	15%
Total	106	100%	4,745	100%

17. "Under-employment" Assessment:	11.0701		SYSTEM	
Job is very or somewhat related to program	93	88%	3,432	72%
University degree is required to perform main job duties	54	54%*	3,000	66%*
NOC Skill Level = A (University Education)	86	81%	3,300	70%

* of total valid responses

18. Gross Annual Income from Main Job:*	11.0701		SYSTEM	
Less than \$20,000	1	1%	284	7%
\$20,000 to \$39,999	4	4%	1,138	26%
\$40,000 to \$59,999	22	24%	1,996	46%
\$60,000 to \$79,999	30	33%	533	12%
\$80,000 to \$99,999	20	22%	169	4%
\$100,000 and Above	15	16%	215	5%
Total	92	100%	4,335	100%
Median Annual Income (full-time)	\$70,000		\$45,680	
Average Annual Income (full-time)	\$80,878		\$54,596	

* where data provided

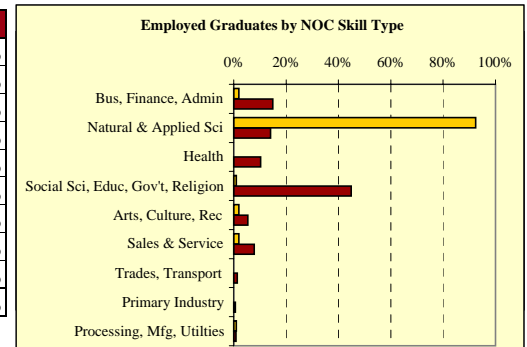


Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 11.0701: Computer Science

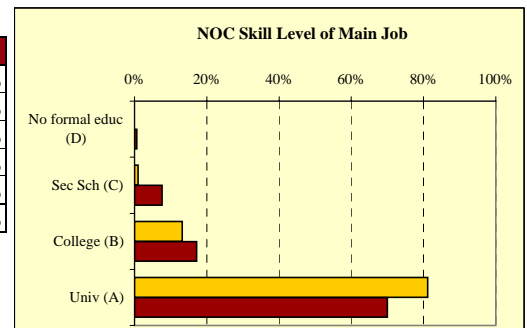
■ SYSTEM
■ 11.0701

EMPLOYMENT, continued

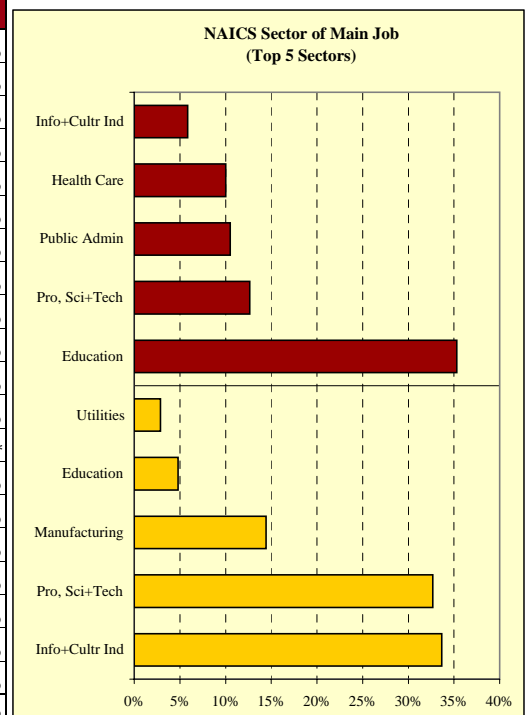
19. NOC Skill Type of Main Job:	11.0701	SYSTEM		
Business, Finance and Administration	2	2%	703	15%
Natural and Applied Sciences and Related	97	92%	659	14%
Health	-	0%	482	10%
Social Sciences, Educ., Gov't Services, Religion	1	1%	2,112	45%
Arts, Culture, Recreation and Sport	2	2%	252	5%
Sales and Service	2	2%	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	1	1%	40	1%
Total	105	100%	4,707	100%



20. NOC Skill Level of Main Job:	11.0701	SYSTEM		
A. University education	86	81%	3,300	70%
B. College education/trade apprenticeship	14	13%	811	17%
C. Secondary school + job-specific training	1	1%	361	8%
D. No formal education	-	0%	29	1%
No Skill Level assigned (management)	5	5%	218	5%
Total	106	100%	4,719	100%



21. NAICS Sector of Main Job:	11.0701	SYSTEM		
Agriculture, Forestry, Fishing and Hunting	*	*	48	1%
Mining and Oil and Gas Extraction	*	*	17	0%
Utilities	3	3%	20	0%
Construction	*	*	33	1%
Manufacturing	15	14%	271	6%
Wholesale Trade	2	2%	46	1%
Retail Trade	2	2%	157	3%
Transportation and Warehousing	*	*	76	2%
Information and Cultural Industries	35	34%	275	6%
Finance and Insurance	3	3%	231	5%
Real Estate and Rental and Leasing	*	*	31	1%
Professional, Scientific and Technical Services	34	33%	594	13%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	*	*	28	1%
Education Services	5	5%	1659	35%
Health Care and Social Assistance	*	*	471	10%
Arts, Entertainment and Recreation	*	*	89	2%
Accommodation and Food services	*	*	61	1%
Other Service (except Public Administration)	*	*	97	2%
Public Administration	3	3%	494	11%
Total	104	100%	4698	100%



*data not displayed where n < 2

Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 11.0701: Computer Science

■ SYSTEM
 ■ 11.0701

EMPLOYMENT, continued

22a. Top 10 Full-time Occupations of 11.0701 Graduates:				11.0701	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary	
2173	A	Software Engineers	43%	\$80,000	
2174	A	Computer Programmers/Interactive Media Developers	15%	\$62,000	
2171	A	Information Systems Analysts and Consultants	12%	\$65,000	
2282	B	User Support Technicians	5%	\$52,800	
2281	B	Computer and Network Operators and Web Technicians	4%	\$54,000	
2175	A	Web Designers and Developers	3%	\$60,000	
6221	B	Tech Sales Specialists, Wholesale	2%	\$64,250	
0213	N/A	Info Systems & Data Processing Mgrs	2%	\$60,000	
2283	B	Systems Testing Technicians	2%	\$46,150	
*					

*data not displayed where n < 2

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

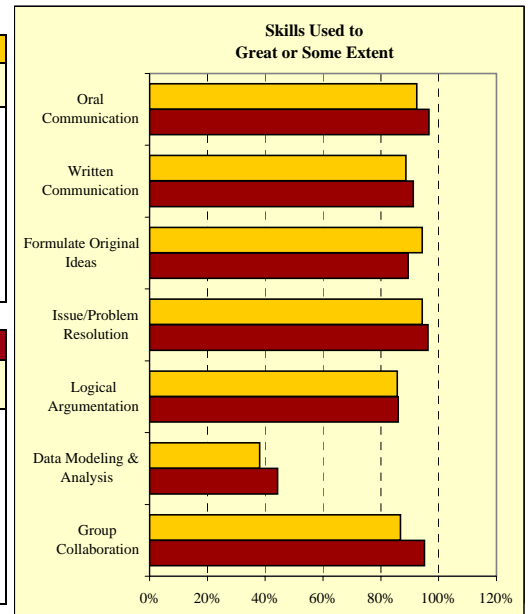
22b. Top 10 Full-time Occupations of Graduates from All Institutions:				SYSTEM	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary	
4141	A	Secondary School Teachers	11%	\$43,000	
4142	A	Elem & Kindergarten Teacher	11%	\$42,000	
4112	A	Lawyers & Quebec Notaries	3%	\$75,000	
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?	11.0701					# Resp.
	Great Extent	Some Extent	Small Extent	No Extent		
Oral Communication	58%	34%	6%	2%		106
Written Communication	52%	37%	9%	2%		106
Formulate Original Ideas	58%	37%	4%	2%		106
Issue/Problem Resolution	76%	18%	4%	2%		106
Logical Argumentation	50%	36%	11%	3%		105
Data Modeling & Analysis	10%	28%	39%	23%		105
Group Collaboration	68%	19%	10%	3%		106



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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All Institutions
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■ SYSTEM
 ■ 11.0701

EDUCATION FINANCING

24. Education Funding Sources (2 sources per respondent):	11.0701		SYSTEM	
Personal Savings	12	10%*	898	16%*
Employment	72	62%*	3,323	61%*
Family/Friends	54	46%*	2,048	38%*
Bank Loans	2	2%*	75	1%*
Student Loans	34	29%*	2,051	38%*
Scholarships/Bursaries/Grants	13	11%*	661	12%*
Other	1	1%*	90	2%*
Total Respondents	117		5,449	

* Percentage of respondents who identified this source

25. Financial Debt Incurred to Finance Univ. Education:	11.0701		SYSTEM	
Incurred any form of financial debt	45	39%*	2,471	47%*
Incurred government-sponsored student loan debt	37	32%*	2,106	40%*

* Percentage of respondents who provided data

26. Financial Debt Amount:*	11.0701		SYSTEM	
< \$1,000	-	0%	12	0%
\$1,000 to \$4,999	5	11%	231	9%
\$5,000 to \$9,999	9	20%	448	18%
\$10,000 to \$14,999	7	16%	469	19%
\$15,000 to \$19,999	5	11%	291	12%
\$20,000 to \$29,999	10	22%	527	21%
\$30,000 to \$39,999	5	11%	298	12%
\$40,000 or More	4	9%	195	8%
Total	45	100%	2,471	100%
Median Financial Debt	\$15,000		\$15,000	

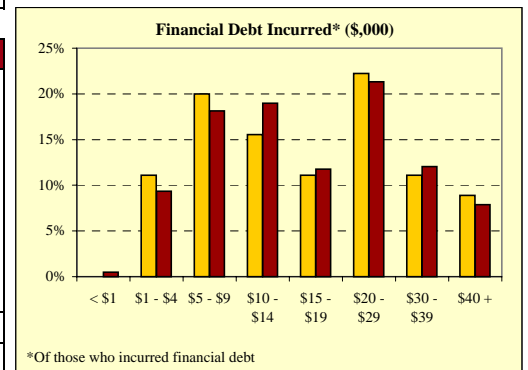
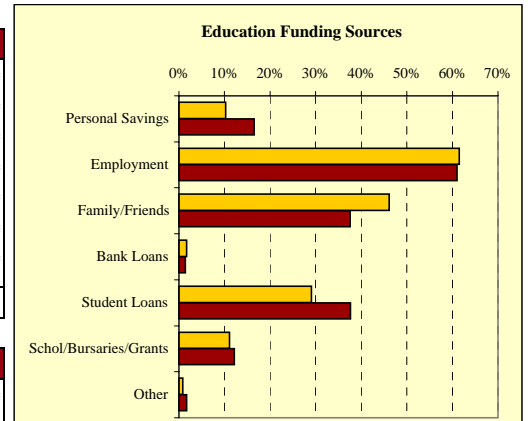
*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	11.0701		SYSTEM	
< \$1,000	-	0%	10	0%
\$1,000 to \$4,999	3	8%	187	9%
\$5,000 to \$9,999	8	22%	399	19%
\$10,000 to \$14,999	6	16%	402	19%
\$15,000 to \$19,999	6	16%	321	15%
\$20,000 to \$29,999	8	22%	533	25%
\$30,000 to \$39,999	5	14%	192	9%
\$40,000 or More	1	3%	62	3%
Total	37	100%	2,106	100%
Median Gov't-Sponsored Student Loan Debt	\$15,000		\$15,000	

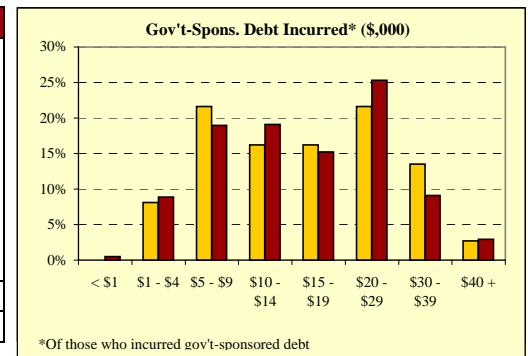
*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	11.0701		SYSTEM	
None - Loan repaid in full	24	65%	747	39%
< \$1,000	-	0%	34	2%
\$1,000 to \$4,999	3	8%	249	13%
\$5,000 to \$9,999	5	14%	296	15%
\$10,000 to \$14,999	2	5%	234	12%
\$15,000 to \$19,999	2	5%	136	7%
\$20,000 to \$29,999	-	0%	174	9%
\$30,000 to \$39,999	-	0%	39	2%
\$40,000 or More	1	3%	26	1%
Total	37	100%	1,935	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$0		\$3,600	

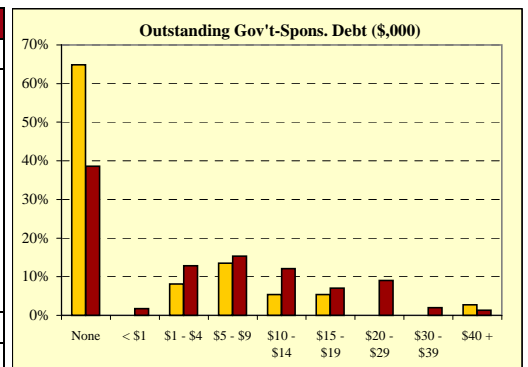
*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



*Of those who incurred financial debt



*Of those who incurred gov't-sponsored debt



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All Institutions

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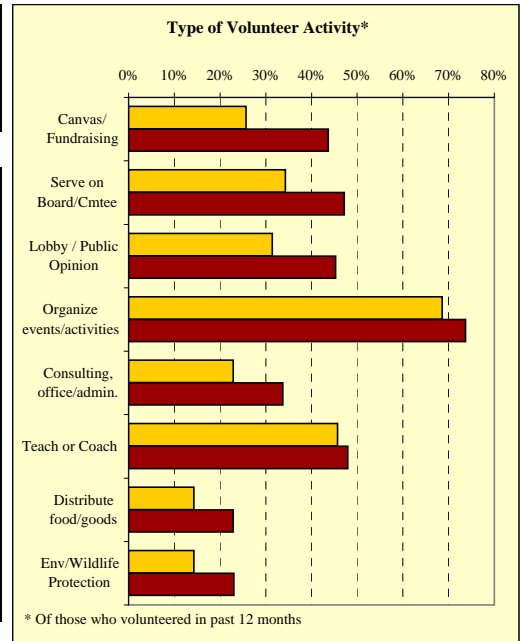
SYSTEM
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SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

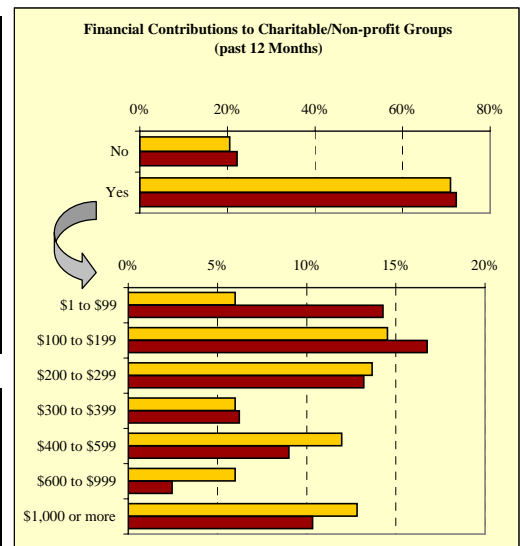
29. In the past 12 months, have you acted as an unpaid volunteer?	11.0701	SYSTEM
No	81 70%	2,237 41%
Yes	35 30%	3,162 59%
Volunteer Hours/Week (Median)	1	1

30. In the past 12 months, as an unpaid volunteer for an organization did you...	11.0701	SYSTEM
do any canvassing, campaigning or fundraising?	9 26%*	1,382 44%*
serve as an unpaid member of a board or committee?	12 34%*	1,492 47%*
provide information or help to educate, influence public opinion, or lobby others?	11 31%*	1,431 45%*
help to organize/supervise activities/events for an organization?	24 69%*	2,331 74%*
do any consulting, executive, office or administrative work?	8 23%*	1,067 34%*
teach or coach for an organization?	16 46%*	1,517 48%*
collect, serve or deliver food or other goods?	5 14%*	723 23%*
engage in any activities aimed at protecting the environment or wildlife?	5 14%*	728 23%*

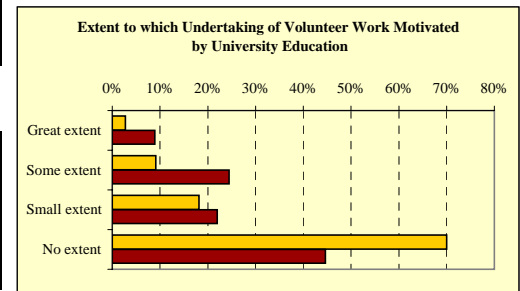
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	11.0701	SYSTEM
\$0 (None)	24 21%	1,212 22%
\$1 to \$99	7 6%	778 14%
\$100 to \$199	17 15%	913 17%
\$200 to \$299	16 14%	719 13%
\$300 to \$399	7 6%	339 6%
\$400 to \$599	14 12%	491 9%
\$600 to \$999	7 6%	134 2%
\$1,000 or more	15 13%	563 10%
Median Annual Contribution	\$300	\$200



32. Member or Participant in...	11.0701	SYSTEM
Union/Professional Association (work-related)	23 20%	3,621 66%
Political organization	2 2%	283 5%
Cultural, educational or hobby organization	22 19%	1,776 33%
Sports or recreation organization	42 36%	2,369 43%
Religious-affiliated group	18 15%	1,020 19%
School group, civic, or community association	9 8%	1,449 27%
Other	5 4%	470 9%



33. To what extent did your university education motivate you to undertake volunteer work?	11.0701	SYSTEM
Great extent	3 3%*	474 9%*
Some extent	10 9%*	1,298 24%*
Small extent	20 18%*	1,168 22%*
No extent	77 70%*	2,367 45%*

*percentages are of those who thought question was applicable