

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

Detailed Summary of Survey Results

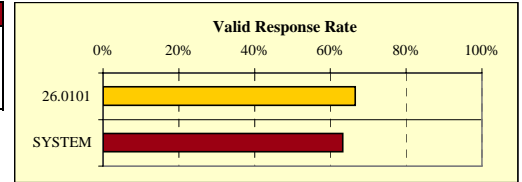
All Institutions

6 Digit CIP: 26.0101: Biology, General

■ SYSTEM
■ 26.0101

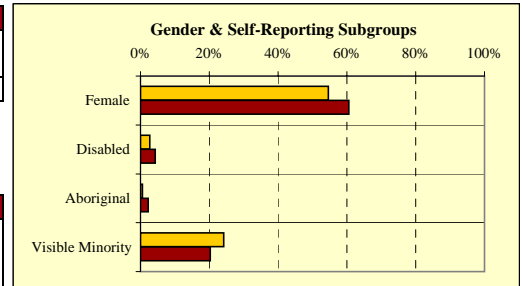
RESPONSE RATE

1. Survey Response Rate:	26.0101	SYSTEM
Baccalaureate Graduates Survey Cohort	597	9,531
Net Frame	553	8,613
Survey Respondents and Valid Response Rate	368	5,449
	67%	63%



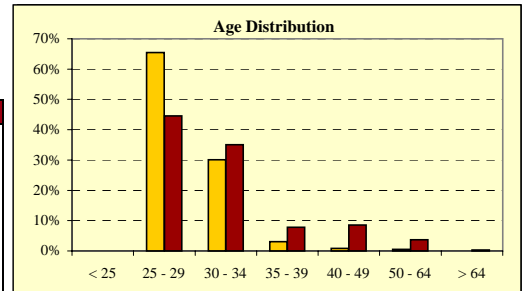
DEMOGRAPHIC INFORMATION

2. Gender:	26.0101	SYSTEM
Male	167	2,147
Female	201	3,302
Total	368	5,449
	100%	100%

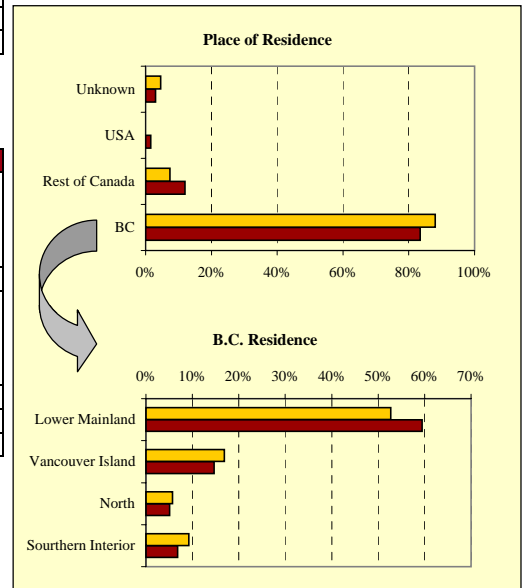


3. Self-Reporting Subgroups:	26.0101	SYSTEM
Disabled	10	234
Aboriginal	2	124
Visible Minority	89	1,104
	24%	20%

4. Age (at time of survey):	26.0101	SYSTEM
< 25	-	2
25 to 29	239	2,413
30 to 34	110	1,895
35 to 39	11	421
40 to 49	3	461
50 to 64	2	199
> 64	-	19
Unknown	3	39
Total	365	5,410
	100%	100%
Mean Age:	29.5	32.4



5. Place of Residence (at time of survey):	26.0101	SYSTEM
BC - Lower Mainland	194	3,241
BC - Vancouver Island	62	800
BC - North	21	276
BC - Southern Interior	34	372
B.C. Subtotal	311	4,689
Canada - Alberta	22	193
Canada - Ontario	11	212
Canada - Other	8	91
U.S.A.	10	146
Non-B.C. Subtotal	51	642
Unknown	6	118
Total	368	5,449
	100%	100%



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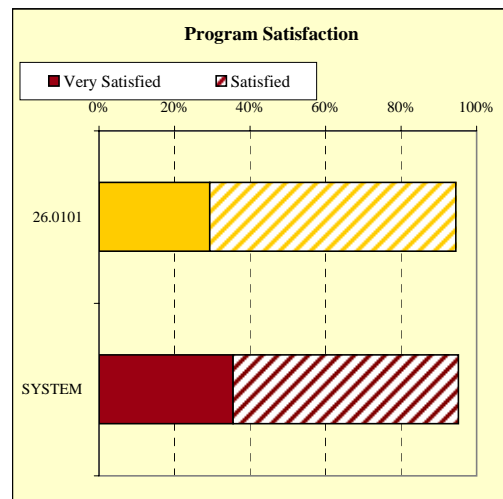
All Institutions

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EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	26.0101	SYSTEM
Very Satisfied	108 29%	1,932 36%
Satisfied	240 65%	3,246 60%
Dissatisfied	18 5%	228 4%
Very Dissatisfied	2 1%	30 1%
Total	368 100%	5,436 100%

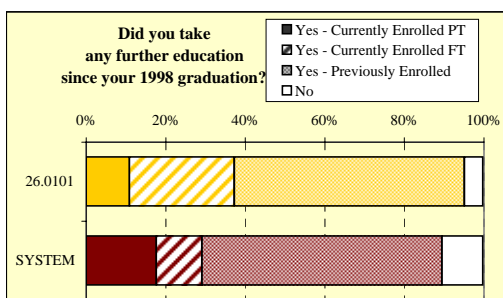


7. Would you select the same program again?	26.0101	SYSTEM
Yes	222 62%	3,866 73%
No, because . . . (multiple response question)	134 1,420	
. . . not enough course variety offered	1 1%*	23 1%*
. . . skills acquired were not very useful	8 4%*	136 7%*
. . . courses were poorly taught	2 1%*	29 2%*
. . . program was too general	12 7%*	149 8%*
. . . courses were not practical	25 14%*	242 13%*
. . . interests have changed	29 16%*	356 20%*
. . . little or no career opportunities	75 42%*	511 28%*
. . . disagree with grading system	- 0%*	2 0%*
. . . disliked institution	1 1%*	6 0%*
. . . other	26 15%*	368 20%*

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

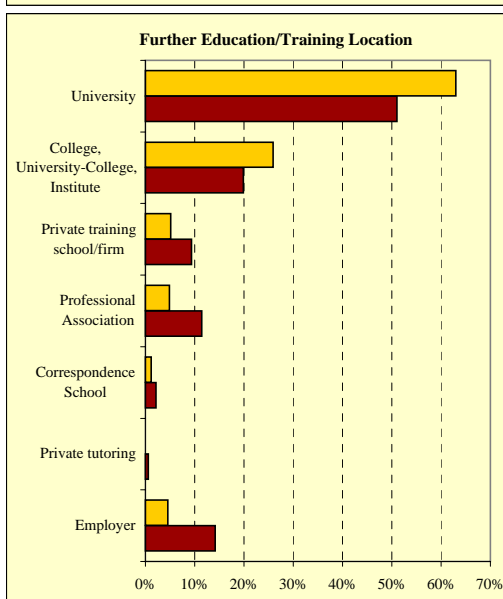
FURTHER EDUCATION

8. Took further education since 1996 graduation?	26.0101	SYSTEM
Yes:	351 95%	4,885 90%
Not currently enrolled	213 58%	3,285 60%
Currently enrolled full-time	97 26%	628 12%
Currently enrolled part-time	40 11%	961 18%
No	17 5%	564 10%
Total	368 100%	5,449 100%



9. Further education/training location (multiple resp.):*	26.0101	SYSTEM
University	221 63%*	2,494 51%*
College, University-College, Institute	91 26%*	972 20%*
Private training school/firm	18 5%*	457 9%*
Professional Association	17 5%*	557 11%*
Correspondence School	4 1%*	105 2%*
Private Tutoring	- 0%*	29 1%*
Employer	16 5%*	691 14%*
Other	12 3%*	163 3%*
Total Respondents	351 4,885	

* Percent of respondents



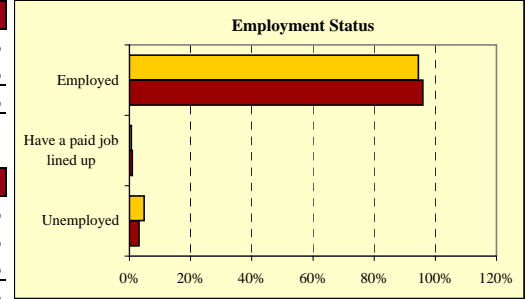
10. Main Reason for Further Education:	26.0101	SYSTEM
Pursue another Bachelor degree	35 9%	315 6%
Pursue Masters studies	39 10%	566 10%
Pursue Doctoral studies	33 9%	138 3%
Career / job / employment related	219 58%	3,421 63%
Challenge myself intellectually	21 6%	446 8%
To please parents/family	- 0%	3 0%
Did not have a primary/main reason for enrolling	1 0%	13 0%
Required by employer	14 4%	173 3%
Other	16 4%	382 7%
Total	378 100%	5,457 100%

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All Institutions
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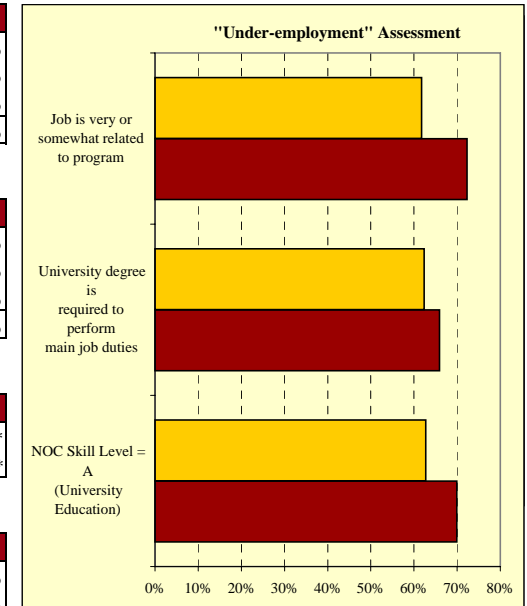
EMPLOYMENT

11. Labour Force Status:	26.0101		SYSTEM	
In Labour Force (working or seeking work)	310	84%	4,952	91%
Not in Labour Force	58	16%	497	9%
Grand Total	368	100%	5,449	100%



12. Employment Status of those IN Labour Force:	26.0101		SYSTEM	
Employed	293	95%	4,749	96%
Have a paid job lined up	2	1%	49	1%
Unemployed	15	5%	154	3%
Total Labour Force	310	100%	4,952	100%

13. Status of Graduates NOT in Labour Force:	26.0101		SYSTEM	
Attending School FT	52	90%	225	45%
Attending School PT	-	0%	27	5%
Other	6	10%	245	49%
Total NOT in Labour Force	58	100%	497	100%



14. Employment Type:	26.0101		SYSTEM	
Paid worker	245	84%	4,135	87%
Self-employed	33	11%	379	8%
Both a paid worker and self-employed	15	5%	235	5%
Total Employed	293	100%	4,749	100%

15. Job Characteristics:	26.0101		SYSTEM	
I hold more than one job	43	15%*	706	15%*
My main job is full-time (>= 30 hours per week)	251	87%**	4,014	86%**

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

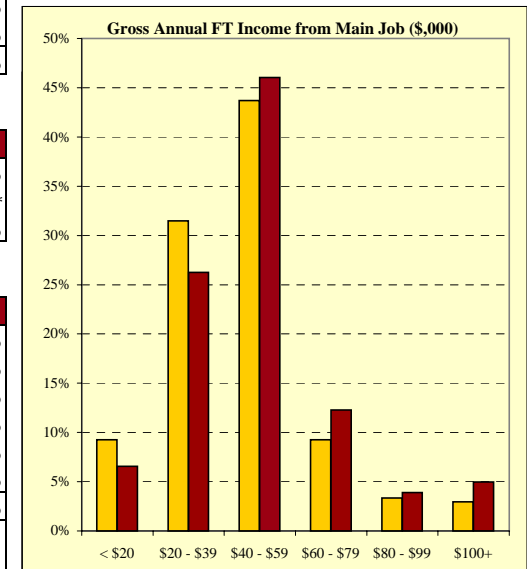
16. How related is your main job to your program?:	26.0101		SYSTEM	
Very Related	77	26%	1,940	41%
Somewhat Related	104	35%	1,492	31%
Not Very Related	38	13%	601	13%
Not At All Related	74	25%	712	15%
Total	293	100%	4,745	100%

17. "Under-employment" Assessment:	26.0101		SYSTEM	
Job is very or somewhat related to program	181	62%	3,432	72%
University degree is required to perform main job duties	177	62%*	3,000	66%*
NOC Skill Level = A (University Education)	182	63%	3,300	70%

* of total valid responses

18. Gross Annual Income from Main Job:*	26.0101		SYSTEM	
Less than \$20,000	25	9%	284	7%
\$20,000 to \$39,999	85	31%	1,138	26%
\$40,000 to \$59,999	118	44%	1,996	46%
\$60,000 to \$79,999	25	9%	533	12%
\$80,000 to \$99,999	9	3%	169	4%
\$100,000 and Above	8	3%	215	5%
Total	270	100%	4,335	100%
Median Annual Income (full-time)	\$42,500		\$45,680	
Average Annual Income (full-time)	\$47,092		\$54,596	

* where data provided

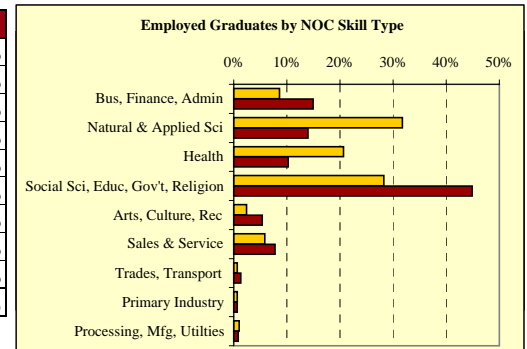


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All Institutions
6 Digit CIP: 26.0101: Biology, General

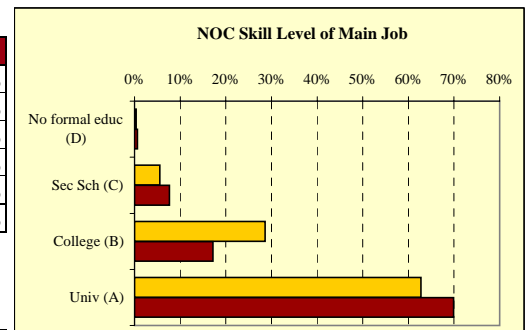
■ SYSTEM
■ 26.0101

EMPLOYMENT, continued

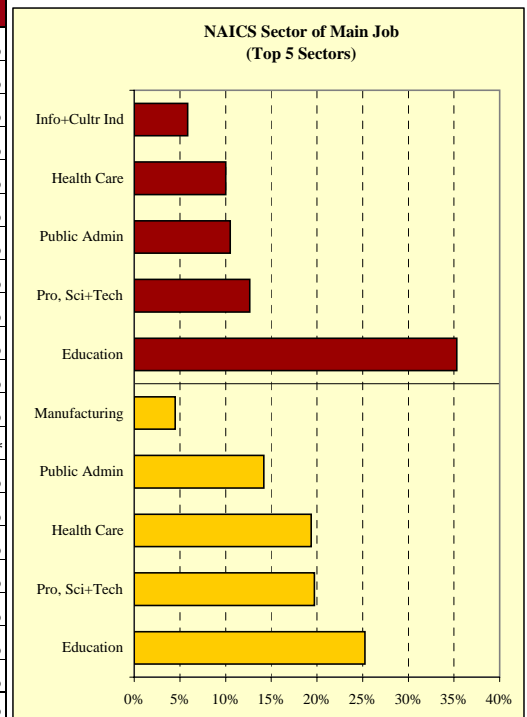
19. NOC Skill Type of Main Job:	26.0101	SYSTEM		
Business, Finance and Administration	25	9%	703	15%
Natural and Applied Sciences and Related	92	32%	659	14%
Health	60	21%	482	10%
Social Sciences, Educ., Gov't Services, Religion	82	28%	2,112	45%
Arts, Culture, Recreation and Sport	7	2%	252	5%
Sales and Service	17	6%	366	8%
Trades, Transport and Eqp. Operators and Related	2	1%	62	1%
Unique to the Primary Industry	2	1%	31	1%
Unique to Processing, Manufacturing and Utilities	3	1%	40	1%
Total	290	100%	4,707	100%



20. NOC Skill Level of Main Job:	26.0101	SYSTEM		
A. University education	182	63%	3,300	70%
B. College education/trade apprenticeship	83	29%	811	17%
C. Secondary school + job-specific training	16	6%	361	8%
D. No formal education	1	0%	29	1%
No Skill Level assigned (management)	8	3%	218	5%
Total	290	100%	4,719	100%



21. NAICS Sector of Main Job:	26.0101	SYSTEM		
Agriculture, Forestry, Fishing and Hunting	3	1%	48	1%
Mining and Oil and Gas Extraction	*	*	17	0%
Utilities	2	1%	20	0%
Construction	*	*	33	1%
Manufacturing	13	4%	271	6%
Wholesale Trade	4	1%	46	1%
Retail Trade	7	2%	157	3%
Transportation and Warehousing	*	*	76	2%
Information and Cultural Industries	12	4%	275	6%
Finance and Insurance	6	2%	231	5%
Real Estate and Rental and Leasing	*	*	31	1%
Professional, Scientific and Technical Services	57	20%	594	13%
Management of Companies and Enterprises	*	*	*	*
Admin., Support, Waste Mgmt., Remediation Svcs.	2	1%	28	1%
Education Services	73	25%	1659	35%
Health Care and Social Assistance	56	19%	471	10%
Arts, Entertainment and Recreation	6	2%	89	2%
Accommodation and Food services	2	1%	61	1%
Other Service (except Public Administration)	3	1%	97	2%
Public Administration	41	14%	494	11%
Total	289	100%	4698	100%



*data not displayed where n < 2

Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 26.0101: Biology, General

■ SYSTEM
 ■ 26.0101

EMPLOYMENT, continued

22a. Top 10 Full-time Occupations of 26.0101 Graduates:				26.0101	
NOC	NOC	Skill Level Description		% Employed FT in this Occ.**	Median FT Salary
4141	A	Secondary School Teachers		12%	\$41,000
2121	A	Biologists & Related Scientists		9%	\$44,252
2221	B	Biological Technicians		4%	\$39,784
3112	A	General Practitioners		3%	\$40,000
4161	A	Natural/App Sci Policy Rsrchrs		3%	\$47,250
3111	A	Specialist Physicians		2%	\$45,000
3142	A	Physiotherapists		2%	\$46,000
2263	B	Inspectors in Public & Env Health		2%	\$50,000
1111	A	Financial Auditors & Acnts		2%	\$62,000
4142	A	Elem & Kindergarten Teacher		2%	\$30,000

*data not displayed where n < 2

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

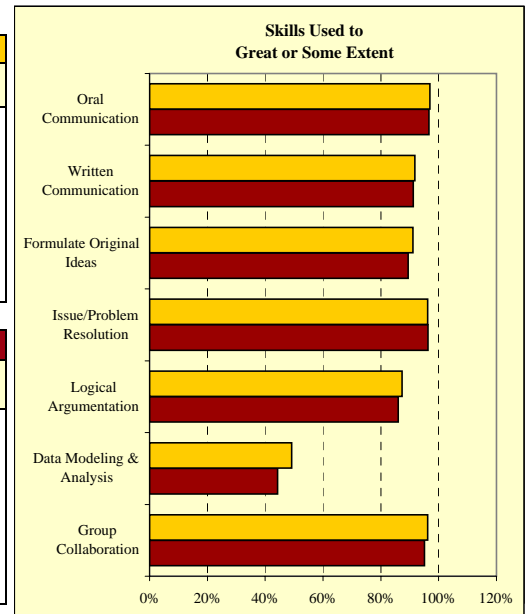
22b. Top 10 Full-time Occupations of Graduates from All Institutions:				SYSTEM	
NOC	NOC	Skill Level Description		% Employed FT in this Occ.**	Median FT Salary
4141	A	Secondary School Teachers		11%	\$43,000
4142	A	Elem & Kindergarten Teacher		11%	\$42,000
4112	A	Lawyers & Quebec Notaries		3%	\$75,000
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?	26.0101					# Resp.
	Great Extent	Some Extent	Small Extent	No Extent		
Oral Communication	78%	19%	2%	1%		293
Written Communication	68%	24%	6%	2%		293
Formulate Original Ideas	54%	37%	7%	2%		293
Issue/Problem Resolution	76%	20%	2%	1%		293
Logical Argumentation	51%	37%	9%	3%		293
Data Modeling & Analysis	23%	26%	29%	22%		293
Group Collaboration	79%	17%	3%	0%		293



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

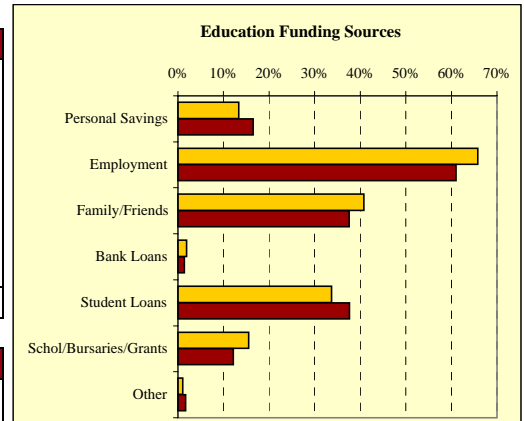
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EDUCATION FINANCING

24. Education Funding Sources (2 sources per respondent):	26.0101		SYSTEM	
Personal Savings	49	13%*	898	16%*
Employment	242	66%*	3,323	61%*
Family/Friends	150	41%*	2,048	38%*
Bank Loans	7	2%*	75	1%*
Student Loans	124	34%*	2,051	38%*
Scholarships/Bursaries/Grants	57	15%*	661	12%*
Other	4	1%*	90	2%*
Total Respondents	368		5,449	

* Percentage of respondents who identified this source

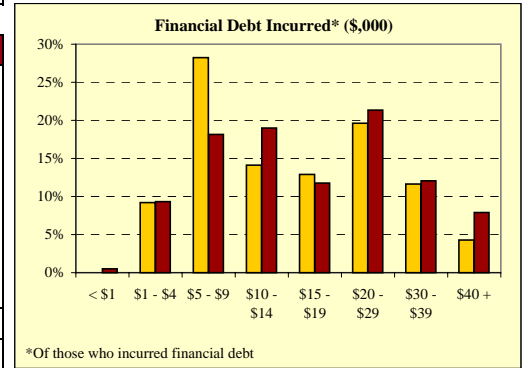


25. Financial Debt Incurred to Finance Univ. Education:	26.0101		SYSTEM	
Incurred any form of financial debt	163	46%*	2,471	47%*
Incurred government-sponsored student loan debt	137	39%*	2,106	40%*

* Percentage of respondents who provided data

26. Financial Debt Amount:*	26.0101		SYSTEM	
< \$1,000	-	0%	12	0%
\$1,000 to \$4,999	15	9%	231	9%
\$5,000 to \$9,999	46	28%	448	18%
\$10,000 to \$14,999	23	14%	469	19%
\$15,000 to \$19,999	21	13%	291	12%
\$20,000 to \$29,999	32	20%	527	21%
\$30,000 to \$39,999	19	12%	298	12%
\$40,000 or More	7	4%	195	8%
Total	163	100%	2,471	100%
Median Financial Debt	\$14,000		\$15,000	

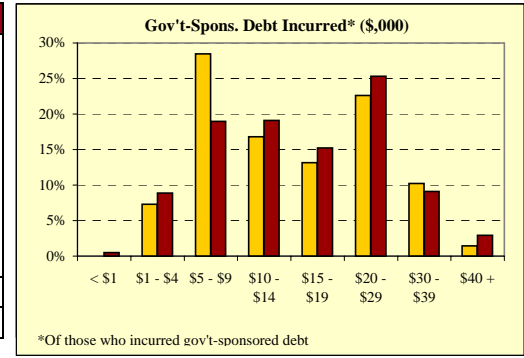
*includes only cases where financial debt was incurred



*Of those who incurred financial debt

27. Government-Sponsored Student Loan Debt Amount:*	26.0101		SYSTEM	
< \$1,000	-	0%	10	0%
\$1,000 to \$4,999	10	7%	187	9%
\$5,000 to \$9,999	39	28%	399	19%
\$10,000 to \$14,999	23	17%	402	19%
\$15,000 to \$19,999	18	13%	321	15%
\$20,000 to \$29,999	31	23%	533	25%
\$30,000 to \$39,999	14	10%	192	9%
\$40,000 or More	2	1%	62	3%
Total	137	100%	2,106	100%
Median Gov't-Sponsored Student Loan Debt	\$14,000		\$15,000	

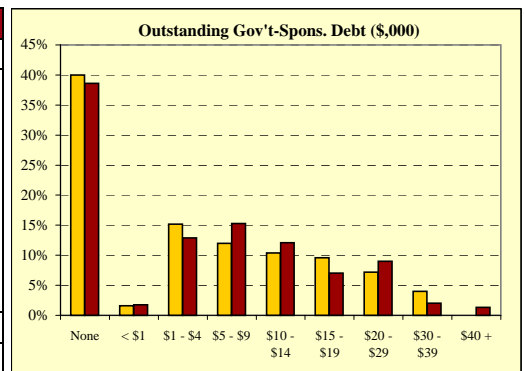
*includes only cases where government-sponsored debt was incurred



*Of those who incurred gov't-sponsored debt

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	26.0101		SYSTEM	
None - Loan repaid in full	50	40%	747	39%
< \$1,000	2	2%	34	2%
\$1,000 to \$4,999	19	15%	249	13%
\$5,000 to \$9,999	15	12%	296	15%
\$10,000 to \$14,999	13	10%	234	12%
\$15,000 to \$19,999	12	10%	136	7%
\$20,000 to \$29,999	9	7%	174	9%
\$30,000 to \$39,999	5	4%	39	2%
\$40,000 or More	-	0%	26	1%
Total	125	100%	1,935	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$3,000		\$3,600	

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



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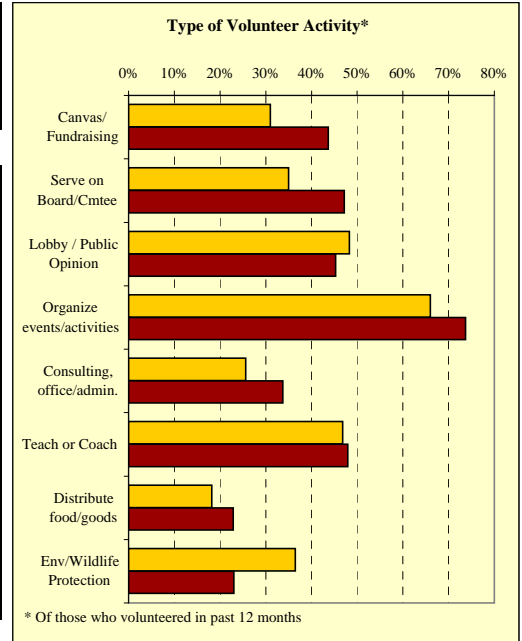
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SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY

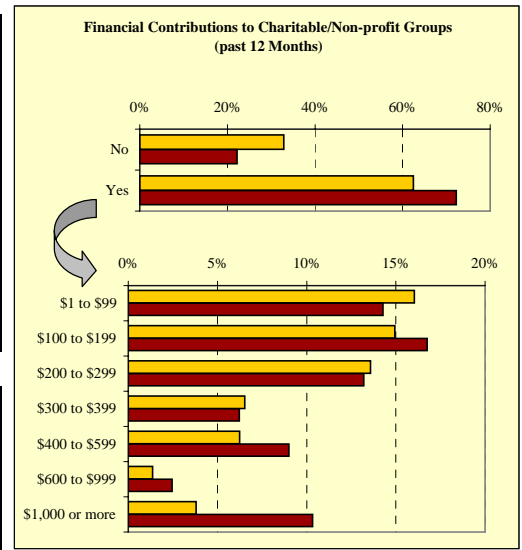
29. In the past 12 months, have you acted as an unpaid volunteer?	26.0101	SYSTEM
No	160 44%	2,237 41%
Yes	203 56%	3,162 59%
Volunteer Hours/Week (Median)	1	1

30. In the past 12 months, as an unpaid volunteer for an organization did you...	26.0101	SYSTEM
do any canvassing, campaigning or fundraising?	63 31%*	1,382 44%*
serve as an unpaid member of a board or committee?	71 35%*	1,492 47%*
provide information or help to educate, influence public opinion, or lobby others?	98 48%*	1,431 45%*
help to organize/supervise activities/events for an organization?	134 66%*	2,331 74%*
do any consulting, executive, office or administrative work?	52 26%*	1,067 34%*
teach or coach for an organization?	95 47%*	1,517 48%*
collect, serve or deliver food or other goods?	37 18%*	723 23%*
engage in any activities aimed at protecting the environment or wildlife?	74 36%*	728 23%*

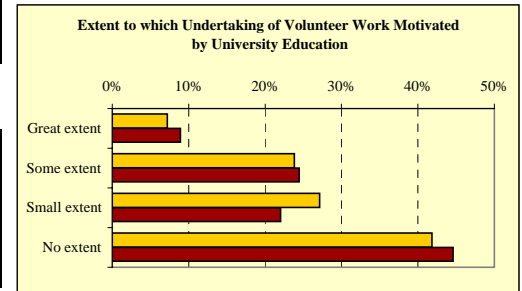
*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31. Financial contributions to charitable or non-profit groups in past 12 months	26.0101	SYSTEM
\$0 (None)	121 33%	1,212 22%
\$1 to \$99	59 16%	778 14%
\$100 to \$199	55 15%	913 17%
\$200 to \$299	50 14%	719 13%
\$300 to \$399	24 7%	339 6%
\$400 to \$599	23 6%	491 9%
\$600 to \$999	5 1%	134 2%
\$1,000 or more	14 4%	563 10%
Median Annual Contribution	\$200	\$200



32. Member or Participant in...	26.0101	SYSTEM
Union/Professional Association (work-related)	237 64%	3,621 66%
Political organization	15 4%	283 5%
Cultural, educational or hobby organization	118 32%	1,776 33%
Sports or recreation organization	172 47%	2,369 43%
Religious-affiliated group	55 15%	1,020 19%
School group, civic, or community association	81 22%	1,449 27%
Other	28 8%	470 9%



33. To what extent did your university education motivate you to undertake volunteer work?	26.0101	SYSTEM
Great extent	26 7%*	474 9%*
Some extent	86 24%*	1,298 24%*
Small extent	98 27%*	1,168 22%*
No extent	151 42%*	2,367 45%*

*percentages are of those who thought question was applicable