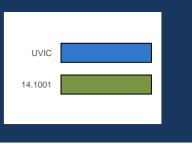


B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results University of Victoria 14.1001: Electrical and electronics engineering



40%

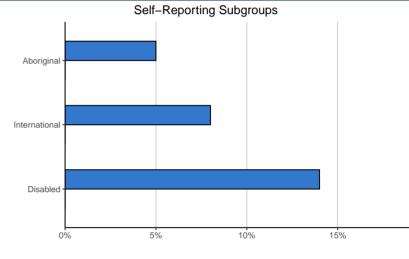
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RESPONSE RATE									
Survey Response Rate:	14.	1001	U۱	/IC		Re	esponse Rate		
Baccalaureate Graduates Survey Cohort	111	100%	3,286	100%	UVIC -				
Survey Respondents and Response Rate	36	32%	1,158	35%	0010				
					14.1001 -				
					0%	10%	20%	30%	

DEMOGRAPHIC INFORMATION

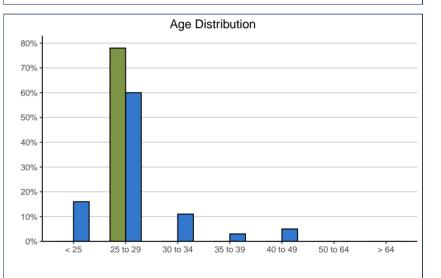
Self-Reporting Subgroups: 14.1001 UVIC Disabled 152 14% ~ ~ International 94 ~ 8% ~ Aboriginal 0 0% 52 5%

Gender:*	14.1001		UVIC	
Male	~	~	448	39%
Female	~	~	710	61%
Total	36	100%	1,158	100%

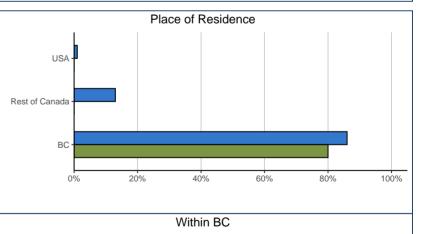


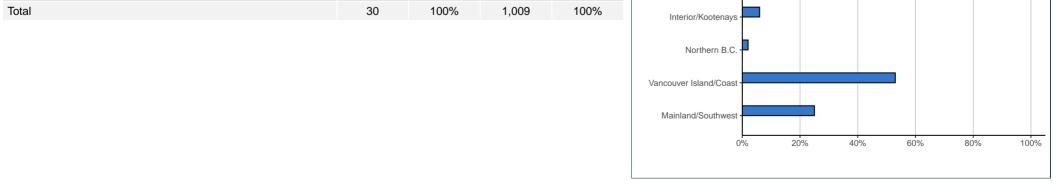
*Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

Age (at time of survey):	14.1001		UVIC	
< 25	0	0%	190	16%
25 to 29	28	78%	699	60%
30 to 34	~	~	133	11%
35 to 39	~	~	39	3%
40 to 49	~	~	59	5%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	36	100%	1,158	100%
Median Age	28		26	
Average (mean) Age	29		29	

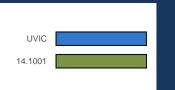


Place of Residence (at time of survey):	14.1001		UVIC	
BC – Mainland/Southwest	~	~	250	25%
BC – Vancouver Island/Coast	~	~	532	53%
BC – Northern B.C.	~	~	22	2%
BC – Interior/Kootenays	~	~	60	6%
BC Subtotal	24	80%	864	86%
Canada – Alberta	~	~	62	6%
Canada – Ontario	0	0%	41	4%
Canada – Other	0	0%	35	3%
U.S.A.	~	~	7	1%
Non-BC Subtotal	6	20%	145	14%







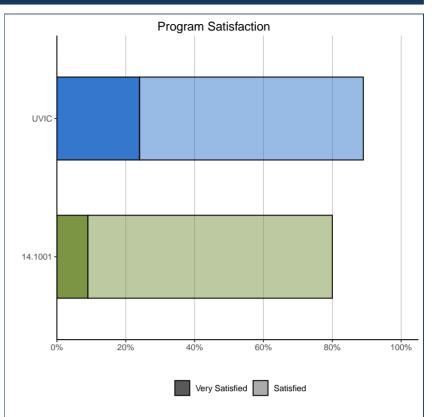


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.	14.1001		/IC
Very Satisfied	3	9%	272	24%
Satisfied	25	71%	745	65%
Dissatisfied	6	17%	105	9%
Very Dissatisfied	1	3%	22	2%
Total	35	100%	1,144	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.1001		UVIC	
Very Useful	7	22%	363	39%
Somewhat Useful	17	53%	418	45%
Not Very Useful	7	22%	122	13%
Not at All Useful	1	3%	34	4%
Total	32	100%	937	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.1001		UVIC	
Yes	5	14%	102	9%
No	31	86%	1,030	91%



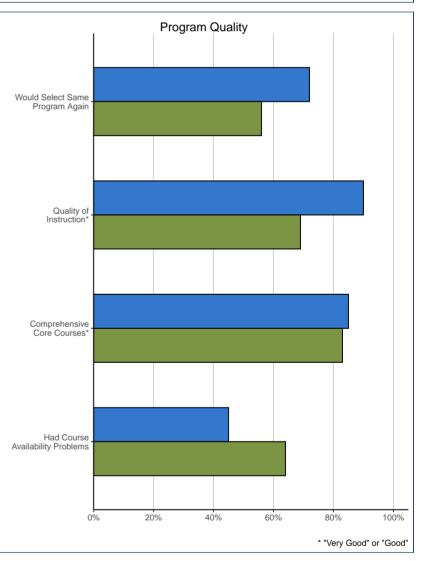
Would select the same program again:	14.1001		UVIC	
Yes	18	56%	738	72%
No	14	44%	282	28%

Quality of Instruction:	14.1001		U۱	/IC
Very Good	4	11%	298	26%
Good	21	58%	741	64%
Poor	10	28%	95	8%
Very Poor	1	3%	19	2%
Total	36	100%	1,153	100%

Comprehensiveness of Core Courses:	14.1001		UVIC	
Very Good	5	14%	253	22%
Good	24	69%	717	63%
Poor	6	17%	153	13%
Very Poor	0	0%	18	2%
Total	35	100%	1,141	100%

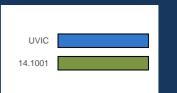
Course Availability:	14.1001		U١	/IC
Encountered course availability problems	23	64%	503	45%

Financial Constraints:	14.1001		UVIC	
Had to interrupt studies for financial reasons	3	8%	130	11%
Had to take program part-time for financial reasons	4	11%	219	19%



Note: \sim indicates low cell count; data suppressed

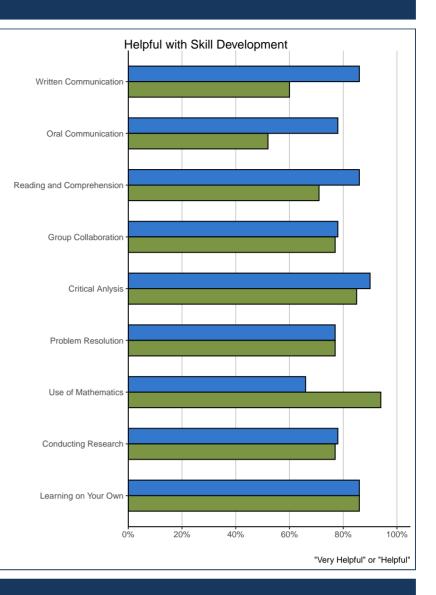


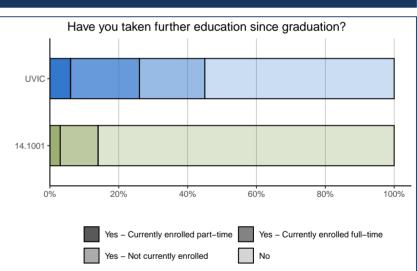


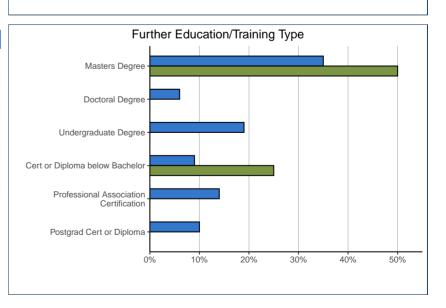
SKILL DEVELOPMENT

			14.1001		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	12%	48%	36%	3%	33
Oral Communication	13%	39%	42%	6%	31
Reading and Comprehension	21%	50%	24%	6%	34
Group Collaboration	21%	56%	18%	6%	34
Critical Anlysis	31%	54%	6%	9%	35
Problem Resolution	26%	51%	20%	3%	35
Use of Mathematics	40%	54%	3%	3%	35
Conducting Research	9%	68%	15%	9%	34
Learning on Your Own	57%	29%	6%	9%	35

			UVIC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	28%	58%	13%	2%	1,123
Oral Communication	24%	54%	19%	3%	1,130
Reading and Comprehension	30%	56%	13%	1%	1,134
Group Collaboration	25%	53%	19%	4%	1,132
Critical Anlysis	42%	48%	8%	2%	1,153
Problem Resolution	22%	55%	19%	4%	1,123
Use of Mathematics	22%	44%	24%	10%	843
Conducting Research	29%	49%	18%	4%	1,101
Learning on Your Own	38%	48%	11%	2%	1,136







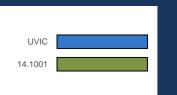
FURTHER EDUCATION

-			UVIC	
5	14%	515	45%	
4	11%	215	19%	
1	3%	227	20%	
0	0%	69	6%	
31	86%	634	55%	
36	100%	1,149	100%	
	1 0 31	1 3% 0 0% 31 86%	1 3% 227 0 0% 69 31 86% 634	

Type of Formal Post–Secondary Education:	14.	1001	U١	/IC
Masters Degree	2	50%	180	35%
Doctoral Degree	0	0%	28	6%
Another Undergraduate Degree	0	0%	98	19%
Certificate or Diploma below Bachelor level	1	25%	47	9%
Professional Association Certification	0	0%	71	14%
Postgraduate Certificate or Diploma	0	0%	53	10%

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Other	1	25%	31	6%
Total	4	100%	508	100%



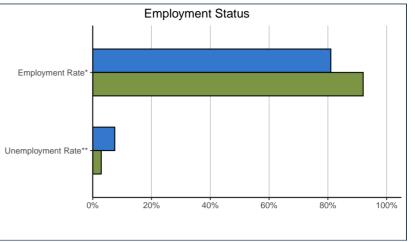


EMPLOYMENT

Labour Fource Status:	14.1001		UVIC	
In Labour Force (working or seeking work)	34	94%	1,016	90%
Not in Labour Force	2	6%	116	10%
Total	36	100%	1,132	100%
Employment:	14.1001		U\	/IC

Employment:	14.1001		UVIC	
Employment Rate*	33	92%	940	81%
Unemployment Rate**	1	2.9%	76	7.5%
*Percent = Total employed divided by total number of respondents				

**Percent = Total unemployed divided by total number in Labour Force



Status of Graduates NOT in Labour Force:	14.1001		UVIC	
Attending School FT	1	50%	87	75%
Attending School PT	0	0%	3	3%
Other	1	50%	26	22%
Total NOT in Labour Force	2	100%	116	100%

Primary Employment Type:	14.1001		UVIC	
Paid worker	33	100%	886	94%
Self-employed	0	0%	53	6%
Total	33	100%	939	100%

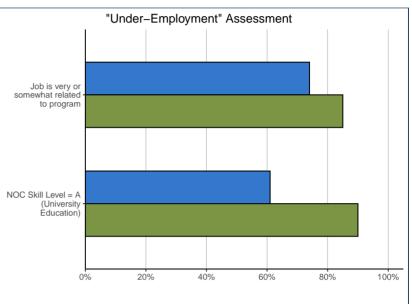
Job Characteristics:	14.1	1001	U۱	/IC
I hold more than one job*	2	6%	196	21%
My main job is full-time (>= 30 hours per week)**	30	94%	781	87%
*Of total Employed				

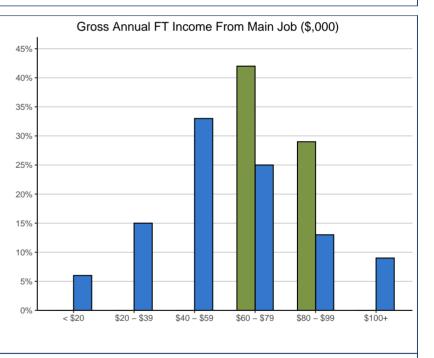


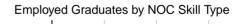
How related is your main job to your program?	14.1001		UVIC	
Very Related	12	36%	393	42%
Somewhat Related	16	48%	297	32%
Not Very Related	4	12%	126	13%
Not at All Related	1	3%	122	13%
Total	33	100%	938	100%

"Under-employment" Assessment:	14.1001		UVIC	
Job is very or somewhat related to program	28	85%	690	74%
NOC Skill Level = A (University Education)*	26	90%	547	61%
*Of total valid responses				

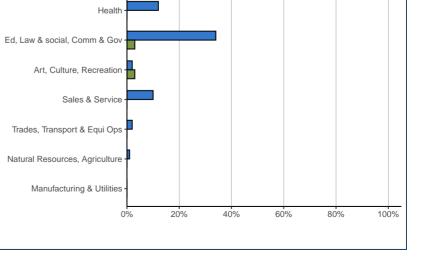
Gross Annual Income from Main Job:*	14.1	14.1001		UVIC	
Less than \$20,000	0	0%	46	6%	
\$20,000 to \$39,999	0	0%	111	15%	
\$40,000 to \$59,999	~	~	251	33%	
\$60,000 to \$79,999	10	42%	187	25%	
\$80,000 to \$99,999	7	29%	95	13%	
\$100,000 and Above	~	~	69	9%	
Total	24	100%	759	100%	
Median Annual Income (full-time) (\$)	77,500		60,000		
Average Annual Income (full–time) (\$)	82,926		66,211		
	02,020		,		
Where data provided	02,020		,		
		1001		/IC	
Where data provided NOC Skill Type of Main Job: Business, finance & administration	14. ⁻ 0	0%		19%	
Where data provided NOC Skill Type of Main Job:	14.		U\		
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	14. ⁻ 0	0%	U\ 174	19%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration	14. ⁻ 0 27	0% 93%	UN 174 170	19% 19%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	14. 0 27 0	0% 93% 0%	UN 174 170 107	19% 19% 12%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport	14.* 0 27 0 1	0% 93% 0% 3%	UN 174 170 107 306	19% 19% 12% 34%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government	14. 0 27 0 1 1	0% 93% 0% 3% 3%	UN 174 170 107 306 21	19% 19% 12% 34% 2%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service Trades, transport & equipment operators & related	14. 0 27 0 1 1 1 0	0% 93% 0% 3% 3% 0%	UN 174 170 107 306 21 92	19% 19% 12% 34% 2% 10%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service	14.* 0 27 0 1 1 1 0 0 0	0% 93% 0% 3% 3% 0%	UN 174 170 107 306 21 92 17	19% 19% 12% 34% 2% 10% 2%	





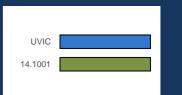






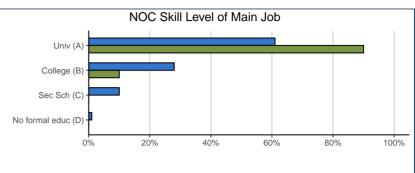
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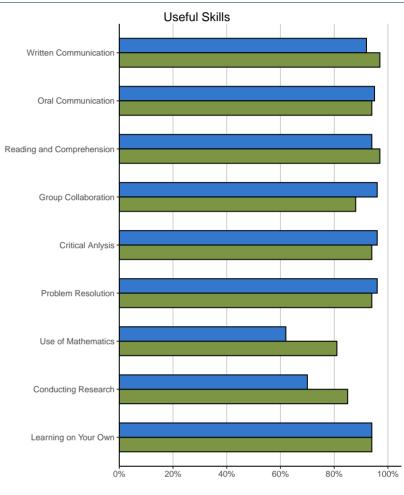
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.	1001	UVIC	
A. University education	26	90%	547	61%
B. College education/trade apprenticeship	3	10%	251	28%
C. Secondary school + job-specific training	0	0%	91	10%
D. No formal education	0	0%	13	1%
Total	29	100%	902	100%



	14.1001				
How useful are the following skills and abilities in doing your main job?	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	64%	33%	0%	3%	33
Oral Communication	76%	18%	0%	6%	33
Reading and Comprehension	79%	18%	0%	3%	33
Group Collaboration	73%	15%	9%	3%	33
Critical Anlysis	85%	9%	3%	3%	33
Problem Resolution	91%	3%	3%	3%	33
Use of Mathematics	33%	48%	15%	3%	33
Conducting Research	55%	30%	9%	6%	33
Learning on Your Own	70%	24%	0%	6%	33

	UVIC				
How useful are the following skills and abilities in doing your main job?	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	70%	22%	5%	4%	936
Oral Communication	76%	19%	4%	1%	937
Reading and Comprehension	72%	22%	4%	2%	935
Group Collaboration	78%	18%	3%	1%	934
Critical Anlysis	77%	19%	3%	1%	934
Problem Resolution	80%	16%	2%	1%	935
Use of Mathematics	26%	36%	23%	15%	904
Conducting Research	39%	31%	18%	12%	923
Learning on Your Own	68%	26%	4%	2%	931



"Very Useful" or "Somewhat Useful"

Top 10 Full-time O	cupations of 14.1001 G	raduates:	14.1001
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2133	A	Electrical and electronics engineers	45%
*			
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* Data not displayed w	here n < 5		

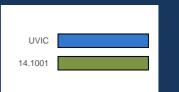
* Data not displayed where n < 5** Percentages cited are of those employed

NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	7%
4212	В	Social and community service workers	5%
4112	A	Lawyers and Quebec notaries	3%
4032	А	Elementary school and kindergarten teachers	3%
2132	A	Mechanical engineers	3%
2174	А	Computer programmers and interactive media developers	3%
XXXX	0	Unclassified occupations	2%
1123	А	Professional occupations in advertising, marketing and public relations	2%
4152	А	Social workers	2%
1221	В	Administrative officers	2%

* Data not displayed where n < 5

** Percentages cited are of those employed



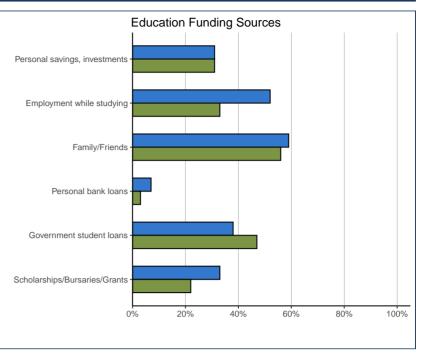


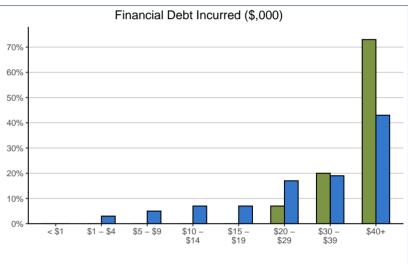
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.1001		UVIC	
Personal savings, investments	11	31%	354	31%
Employment while studying	12	33%	602	52%
Family/Friends	20	56%	681	59%
Personal bank loans	1	3%	78	7%
Government student loans	17	47%	438	38%
Scholarships/Bursaries/Grants	8	22%	381	33%
Other	21	58%	292	25%
Total	36		1,148	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*14.1001UVICIncurred any form of financial debt1956%54548%Incurred government–sponsored student loan debt1953%47942%* Percentage of respondents who provided data

Financial Debt Amount:*	14.1001		UVIC	
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	13	3%
\$5,000 to \$9,999	0	0%	22	5%
\$10,000 to \$14,999	0	0%	33	7%
\$15,000 to \$19,999	0	0%	32	7%
\$20,000 to \$29,999	1	7%	76	17%
\$30,000 to \$39,999	3	20%	86	19%
\$40,000 or More	11	73%	198	43%
Total	15	100%	460	100%
Median Financial Debt (\$)	60,000		35,000	



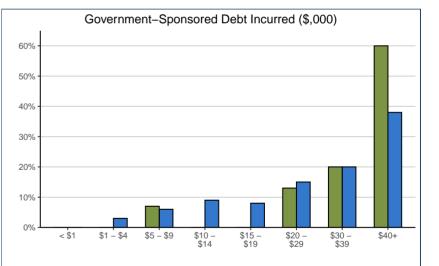


Includes only cases where financial debt was incurred

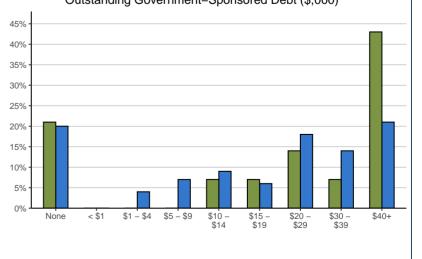
Gov't-Sponsored Student Loan Debt Amount:*	14.1	14.1001		UVIC	
< \$1,000	0	0%	1	0%	
\$1,000 to \$4,999	0	0%	11	3%	
\$5,000 to \$9,999	1	7%	22	6%	
\$10,000 to \$14,999	0	0%	33	9%	
\$15,000 to \$19,999	0	0%	31	8%	
\$20,000 to \$29,999	2	13%	57	15%	
\$30,000 to \$39,999	3	20%	76	20%	
\$40,000 or More	9	60%	141	38%	
Total	15	100%	372	100%	
Median Gov't-Sponsored Loan Debt (\$)	45,000		30,000		

* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	14.	14.1001		UVIC	
None – Loan repaid in full	3	21%	83	20%	
< \$1,000	0	0%	0	0%	
\$1,000 to \$4,999	0	0%	15	4%	
\$5,000 to \$9,999	0	0%	28	7%	
\$10,000 to \$14,999	1	7%	37	9%	
\$15,000 to \$19,999	1	7%	23	6%	
\$20,000 to \$29,999	2	14%	74	18%	
\$30,000 to \$39,999	1	7%	58	14%	
\$40,000 or More	6	43%	87	21%	
Total	14	100%	405	100%	
Median Gov't-Sponsored Loan Debt Outstanding** (\$)	40,000		26,500		



Outstanding Government–Sponsored Debt (\$,000)



* Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided ** Median amounts shown are based on those who had remaining government student loan debt