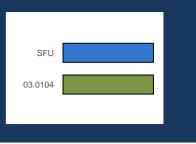


# B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results Simon Fraser University 03.0104: Environmental science



RESPONSE RATE										
Survey Response Rate:	03.0	03.0104 SFU		SFU			Res	ponse Rate		
Baccalaureate Graduates Survey Cohort	36	100%	5,252	100%	SFU-					
Survey Respondents and Response Rate	17	47%	2,037	39%	010					
					03.0104 -					

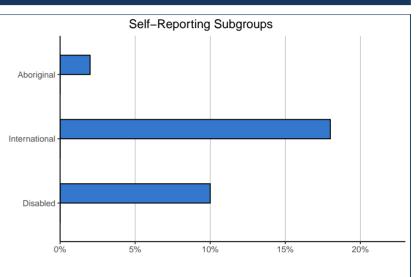
## DEMOGRAPHIC INFORMATION

0%

10%

#### Self-Reporting Subgroups: 03.0104 SFU Disabled 202 10% ~ ~ International 376 18% ~ ~ Aboriginal 0 0% 40 2%

Gender:*	03.0104		SFU	
Male	6	35%	882	43%
Female	11	65%	1,155	57%
Total	17	100%	2,037	100%



20%

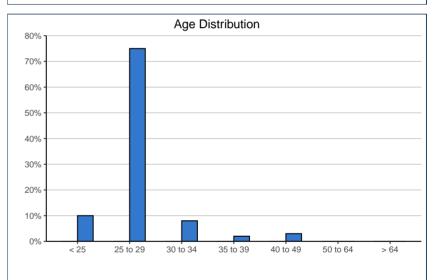
30%

40%

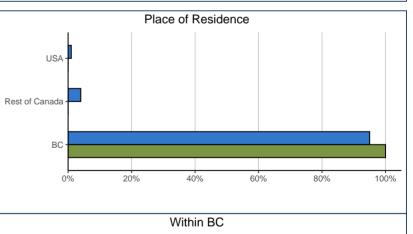
50%

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

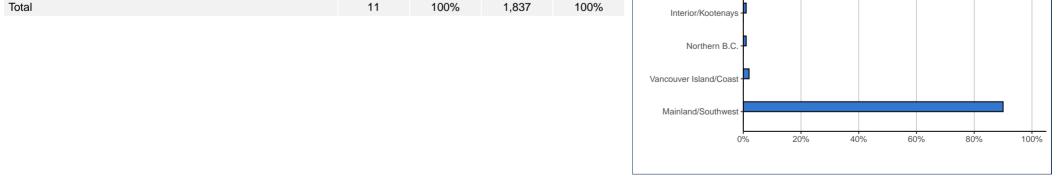
Age (at time of survey):	03.0104		SFU	
< 25	~	~	209	10%
25 to 29	~	~	1,527	75%
30 to 34	~	~	171	8%
35 to 39	~	~	49	2%
40 to 49	0	0%	60	3%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	17	100%	2,037	100%
Median Age	26		26	
Average (mean) Age	27		27	



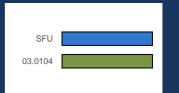
Place of Residence (at time of survey):	03.	0104	SFU		
BC – Mainland/Southwest	~	~	1,659	90%	
BC – Vancouver Island/Coast	0	0%	42	2%	
BC – Northern B.C.	0	0%	22	1%	
BC – Interior/Kootenays	~	~	24	1%	
BC Subtotal	11	100%	1,747	95%	
Canada – Alberta	0	0%	21	1%	
Canada – Ontario	0	0%	40	2%	
Canada – Other	0	0%	15	1%	
U.S.A.	0	0%	14	1%	
Non–BC Subtotal	0	0%	90	5%	



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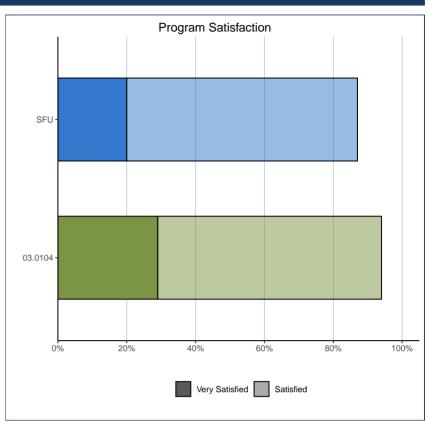


#### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	03.0104		SFU	
Very Satisfied	5	29%	405	20%
Satisfied	11	65%	1,336	67%
Dissatisfied	1	6%	199	10%
Very Dissatisfied	0	0%	44	2%
Total	17	100%	1,984	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	03.0104		SFU	
Very Useful	5	33%	534	31%
Somewhat Useful	10	67%	867	51%
Not Very Useful	0	0%	225	13%
Not at All Useful	0	0%	72	4%
Total	15	100%	1,698	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	03.0104		SFU	
Yes	2	12%	163	8%
No	15	88%	1,823	92%



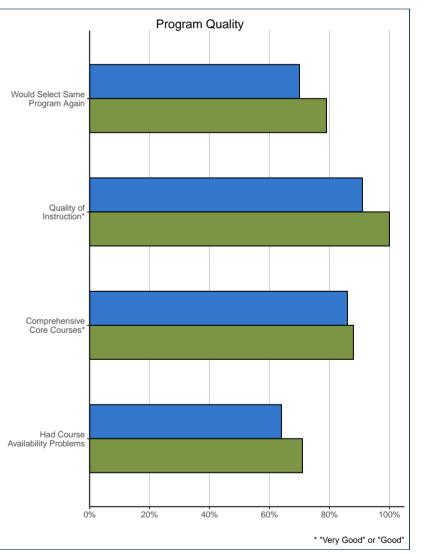
Would select the same program again:	03.0104		SI	=U
Yes	11	79%	1,232	70%
No	3	21%	531	30%

Quality of Instruction:	03.0104		SFU	
Very Good	2	12%	440	22%
Good	15	88%	1,384	69%
Poor	0	0%	161	8%
Very Poor	0	0%	23	1%
Total	17	100%	2,008	100%

Comprehensiveness of Core Courses:	03.0104		SFU	
Very Good	2	12%	459	23%
Good	13	76%	1,245	63%
Poor	2	12%	233	12%
Very Poor	0	0%	38	2%
Total	17	100%	1,975	100%

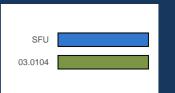
Course Availability:	03.0104		SFU	
Encountered course availability problems	12	71%	1,279	64%

Financial Constraints:	03.0104		SI	FU
Had to interrupt studies for financial reasons	0	0%	246	12%
Had to take program part-time for financial reasons	2	12%	410	20%



Note:  $\sim$  indicates low cell count; data suppressed

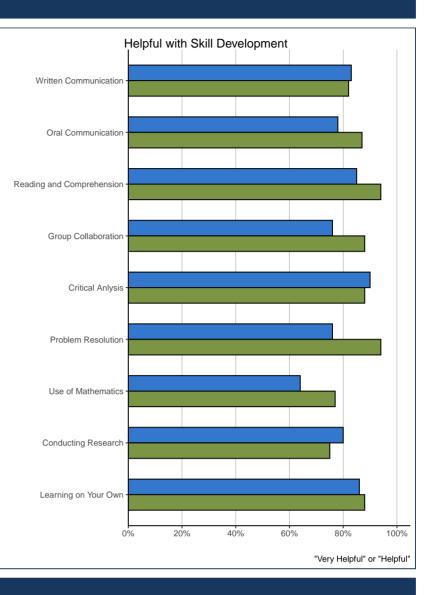




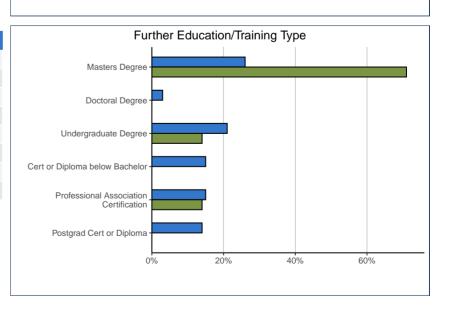
### SKILL DEVELOPMENT

			03.0104		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	41%	41%	18%	0%	17
Oral Communication	31%	56%	13%	0%	16
Reading and Comprehension	18%	76%	6%	0%	17
Group Collaboration	12%	76%	12%	0%	17
Critical Anlysis	41%	47%	6%	6%	17
Problem Resolution	18%	76%	6%	0%	17
Use of Mathematics	18%	59%	24%	0%	17
Conducting Research	31%	44%	19%	6%	16
Learning on Your Own	35%	53%	12%	0%	17

			SFU		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	28%	55%	14%	3%	1,941
Oral Communication	22%	56%	18%	3%	1,969
Reading and Comprehension	28%	57%	13%	2%	1,970
Group Collaboration	24%	52%	21%	3%	1,980
Critical Anlysis	38%	52%	9%	2%	2,006
Problem Resolution	21%	55%	21%	3%	1,943
Use of Mathematics	19%	45%	27%	9%	1,595
Conducting Research	30%	50%	17%	4%	1,894
Learning on Your Own	38%	48%	12%	2%	1,982



Have you taken further education since graduation?



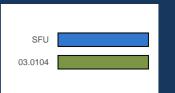
#### FURTHER EDUCATION

03.0	0104	SI	=U
7	41%	893	44%
2	12%	395	19%
5	29%	329	16%
0	0%	158	8%
10	59%	1,133	56%
17	100%	2,026	100%
	7 2 5 0 10	2         12%           5         29%           0         0%           10         59%	7         41%         893           2         12%         395           5         29%         329           0         0%         158           10         59%         1,133

Type of Formal Post–Secondary Education:	03	.0104	S	FU
Masters Degree	5	71%	229	26%
Doctoral Degree	0	0%	29	3%
Another Undergraduate Degree	1	14%	188	21%
Certificate or Diploma below Bachelor level	0	0%	136	15%
Professional Association Certification	1	14%	133	15%
Postgraduate Certificate or Diploma	0	0%	119	14%

Postgraduate Certificate or Diploma	0	0%	119	14%
Other	0	0%	44	5%
Total	7	100%	878	100%



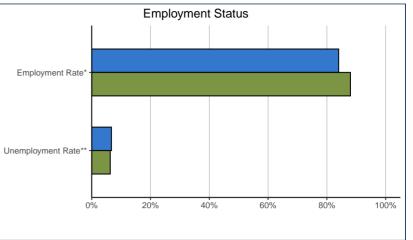


#### EMPLOYMENT

Labour Fource Status:	03.	0104	SI	=U
In Labour Force (working or seeking work)	16	94%	1,830	92%
Not in Labour Force	1	6%	168	8%
Total	17	100%	1,998	100%
Employment:	03.	0104	SI	=U
Employment Rate*	15	88%	1,708	84%
Unemployment Rate**	1	6.3%	122	6.7%

Unemployment Rate

\*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:	03.0	)104	SI	=U
Attending School FT	1	100%	103	61%
Attending School PT	0	0%	8	5%
Other	0	0%	57	34%
Total NOT in Labour Force	1	100%	168	100%

Primary Employment Type:	03.0	0104	SI	FU
Paid worker	14	93%	1,608	94%
Self-employed	1	7%	96	6%
Total	15	100%	1,704	100%

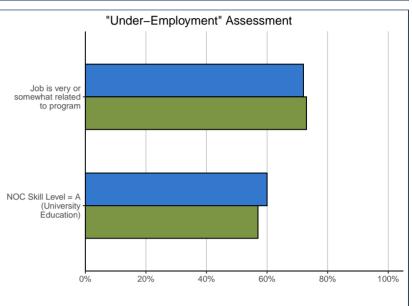
Job Characteristics:	03.0	0104	SI	=U
I hold more than one job*	2	13%	301	18%
My main job is full-time (>= 30 hours per week)**	14	93%	1,432	89%
*Of total Employed				

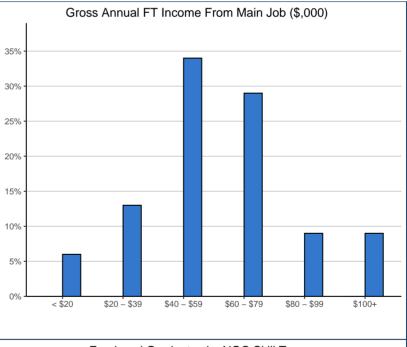
\*\*Of those who provided data on hours/week worked

How related is your main job to your program?	03.	0104	SI	FU
Very Related	6	40%	624	37%
Somewhat Related	5	33%	605	35%
Not Very Related	3	20%	245	14%
Not at All Related	1	7%	231	14%
Total	15	100%	1,705	100%

"Under-employment" Assessment:	03.0	0104	SF	=U
Job is very or somewhat related to program	11	73%	1,229	72%
NOC Skill Level = A (University Education)*	8	57%	945	60%
*Of total valid responses				

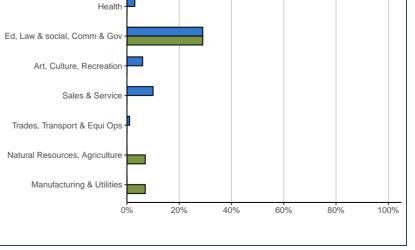
Gross Annual Income from Main Job:*	03.0	0104	SF	=U
Less than \$20,000	~	~	68	6%
\$20,000 to \$39,999	~	~	161	13%
\$40,000 to \$59,999	~	~	413	34%
\$60,000 to \$79,999	~	~	351	29%
\$80,000 to \$99,999	~	~	107	9%
\$100,000 and Above	0	0%	108	9%
Total	11	100%	1,208	100%
Median Annual Income (full-time) (\$)	57,483		60,000	
Average Annual Income (full-time) (\$)	56,447		66,030	
Where data provided				
		0104	SF	٠U
Where data provided		0104 7%	SF 446	-U 28%
Where data provided NOC Skill Type of Main Job:	03.0			
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	03.(	7%	446	28%
Where data provided NOC Skill Type of Main Job: Business, finance & administration	03.0 1 7	7% 50%	446 331	28% 21%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	03.0 1 7 0	7% 50% 0%	446 331 52	28% 21% 3%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government	03.0 1 7 0 4	7% 50% 0% 29%	446 331 52 460	28% 21% 3% 29%
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	03.0 1 7 0 4 0	7% 50% 0% 29% 0%	446 331 52 460 100	28% 21% 3% 29% 6%
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	03.0 1 7 0 4 0 0 0	7% 50% 0% 29% 0% 0%	446 331 52 460 100 162	28% 21% 3% 29% 6% 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 Trades, transport & equipment operators & related	03.0 1 7 0 4 0 0 0 0 0	7% 50% 0% 29% 0% 0% 0%	446 331 52 460 100 162 13	28% 21% 3% 29% 6% 10% 1%





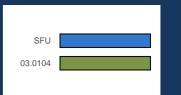
## Employed Graduates by NOC Skill Type



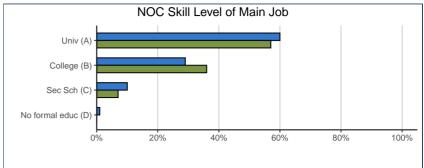


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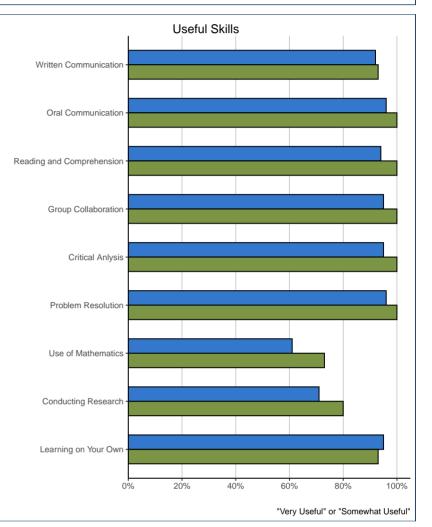


EMPLOYMENT, continued NOC Skill Level of Main Job: 03.0104 SFU A. University education 8 57% 945 60% B. College education/trade apprenticeship 5 36% 452 29% C. Secondary school + job-specific training 7% 159 1 10% 0 18 D. No formal education 0% 1% Total 100% 14 1,574 100%



			03.0104		
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	33%	60%	7%	0%	15
Oral Communication	67%	33%	0%	0%	15
Reading and Comprehension	53%	47%	0%	0%	15
Group Collaboration	73%	27%	0%	0%	15
Critical Anlysis	60%	40%	0%	0%	15
Problem Resolution	67%	33%	0%	0%	15
Use of Mathematics	20%	53%	20%	7%	15
Conducting Research	47%	33%	20%	0%	15
Learning on Your Own	60%	33%	7%	0%	15

			SFU		
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	63%	29%	5%	3%	1,691
Oral Communication	70%	26%	3%	1%	1,694
Reading and Comprehension	66%	28%	4%	2%	1,692
Group Collaboration	72%	23%	4%	1%	1,695
Critical Anlysis	68%	27%	4%	1%	1,696
Problem Resolution	73%	23%	3%	1%	1,694
Use of Mathematics	26%	35%	23%	15%	1,649
Conducting Research	34%	37%	17%	12%	1,668
Learning on Your Own	66%	29%	4%	2%	1,691



Top 10 Full-time Oc	cupations of 03.0104 Gr	aduates:	03.0104
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
*			
*			
*			
*			
*			
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*			
*			
*			

\* Data not displayed where n < 5

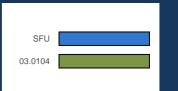
\*\* Percentages cited are of those employed

NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
4032	A	Elementary school and kindergarten teachers	6%
2173	А	Software engineers and designers	5%
XXXX	0	Unclassified occupations	5%
1123	A	Professional occupations in advertising, marketing and public relations	4%
4031	A	Secondary school teachers	4%
2174	A	Computer programmers and interactive media developers	3%
1111	A	Financial auditors and accountants	3%
1221	В	Administrative officers	3%
4212	В	Social and community service workers	2%
5241	В	Graphic designers and illustrators	2%

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed



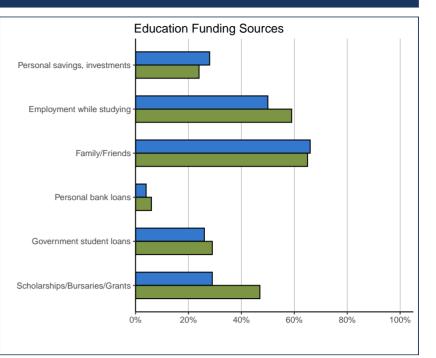


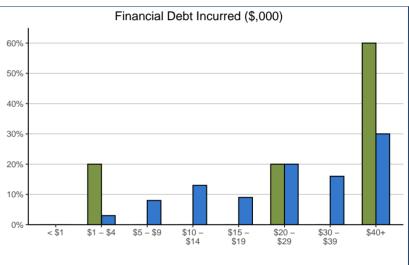
#### EDUCATION FINANCING

Funding Sources (3 sources allowed):*	03.0104 SFU		=U	
Personal savings, investments	4	24%	556	28%
Employment while studying	10	59%	982	50%
Family/Friends	11	65%	1,299	66%
Personal bank loans	1	6%	78	4%
Government student loans	5	29%	509	26%
Scholarships/Bursaries/Grants	8	47%	562	29%
Other	6	35%	448	23%
Total	17		1,968	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	03.0104		SFU	
Incurred any form of financial debt	7	41%	690	35%
Incurred government-sponsored student loan debt	6	35%	564	28%
* Percentage of respondents who provided data				

Financial Debt Amount:*	03.	0104	S	FU
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	1	20%	16	3%
\$5,000 to \$9,999	0	0%	44	8%
\$10,000 to \$14,999	0	0%	67	13%
\$15,000 to \$19,999	0	0%	49	9%
\$20,000 to \$29,999	1	20%	107	20%
\$30,000 to \$39,999	0	0%	85	16%
\$40,000 or More	3	60%	154	30%
Total	5	100%	522	100%
Median Financial Debt (\$)	40,000		25,000	



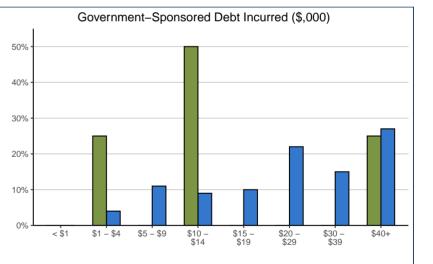


Includes only cases where financial debt was incurred

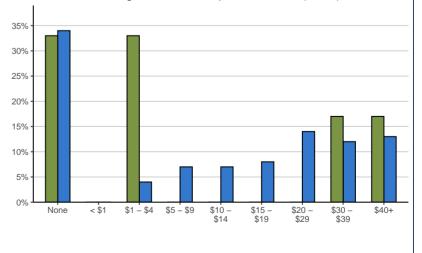
Gov't-Sponsored Student Loan Debt Amount:*	03.0	0104	S	FU
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	1	25%	16	4%
\$5,000 to \$9,999	0	0%	43	11%
\$10,000 to \$14,999	2	50%	36	9%
\$15,000 to \$19,999	0	0%	40	10%
\$20,000 to \$29,999	0	0%	85	22%
\$30,000 to \$39,999	0	0%	59	15%
\$40,000 or More	1	25%	103	27%
Total	4	100%	382	100%
Median Gov't-Sponsored Loan Debt (\$)	10,000		25,000	

\* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	03.0	03.0104		FU
None – Loan repaid in full	2	33%	157	34%
< \$1,000	0	0%	2	0%
\$1,000 to \$4,999	2	33%	20	4%
\$5,000 to \$9,999	0	0%	34	7%
\$10,000 to \$14,999	0	0%	30	7%
\$15,000 to \$19,999	0	0%	35	8%
\$20,000 to \$29,999	0	0%	64	14%
\$30,000 to \$39,999	1	17%	53	12%
\$40,000 or More	1	17%	61	13%
Total	6	100%	456	100%
Median Gov't-Sponsored Loan Debt Outstanding** (\$)	19,500		22,500	



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