

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

Detailed Summary of Survey Results University of British Columbia Okanagan 14.0801: Civil engineering, general

UBCO		
14.0801	UBCO	
	14.0801	

30%

RESPONSE RATE									
Survey Response Rate:	14.0	14.0801		UBCO		Response Rate			
Baccalaureate Graduates Survey Cohort	67	100%	1,320	100%	UBCO -				
Survey Respondents and Response Rate	20	30%	453	34%	OBCO				
					14.0801 -				

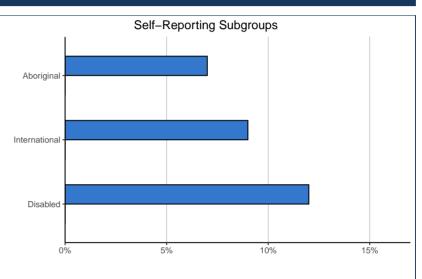
## DEMOGRAPHIC INFORMATION

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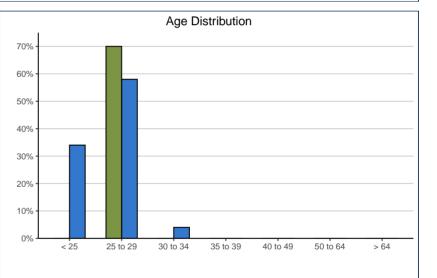
# Self-Reporting Subgroups: 14.0801 UBCO Disabled 0 0% 53 12% International ~ ~ 40 9% Aboriginal ~ ~ 27 7%

Gender:*	14.0801		UE	CO	
Male	15	75%	198	44%	
Female	5	25%	255	56%	
Total	20	100%	453	100%	
*Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.					

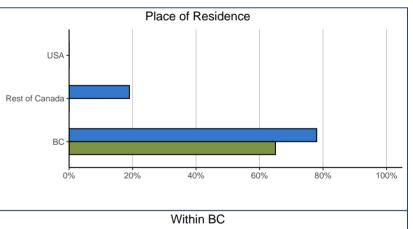


20%

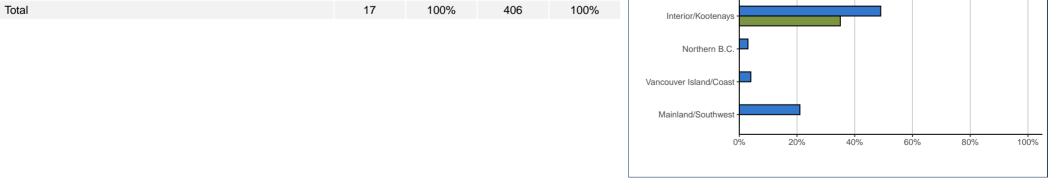
Age (at time of survey):	14.0801		UB	со
< 25	~	~	155	34%
25 to 29	14	70%	260	58%
30 to 34	~	~	20	4%
35 to 39	~	~	~	~
40 to 49	0	0%	~	~
50 to 64	0	0%	~	~
> 64	0	0%	0	0%
Total	20	100%	451	100%
Median Age	26		25	
Average (mean) Age	27		26	



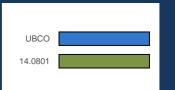
Place of Residence (at time of survey):	14.0801		UBCO	
BC – Mainland/Southwest	~	~	86	21%
BC – Vancouver Island/Coast	~	~	17	4%
BC – Northern B.C.	0	0%	14	3%
BC – Interior/Kootenays	6	35%	199	49%
BC Subtotal	11	65%	316	78%
Canada – Alberta	~	~	60	15%
Canada – Ontario	~	~	~	~
Canada – Other	0	0%	15	4%
U.S.A.	0	0%	~	~
Non-BC Subtotal	6	35%	90	22%



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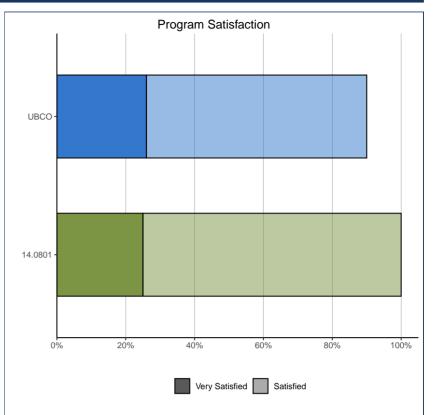


#### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	1	14.0801		SCO
Very Satisfied	5	25%	118	26%
Satisfied	15	75%	287	64%
Dissatisfied	0	0%	34	8%
Very Dissatisfied	0	0%	8	2%
Total	20	100%	447	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0801		UB	CO
Very Useful	6	33%	127	37%
Somewhat Useful	11	61%	159	46%
Not Very Useful	1	6%	38	11%
Not at All Useful	0	0%	22	6%
Total	18	100%	346	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0801		UB	со
Yes	3	16%	39	9%
No	16	84%	402	91%



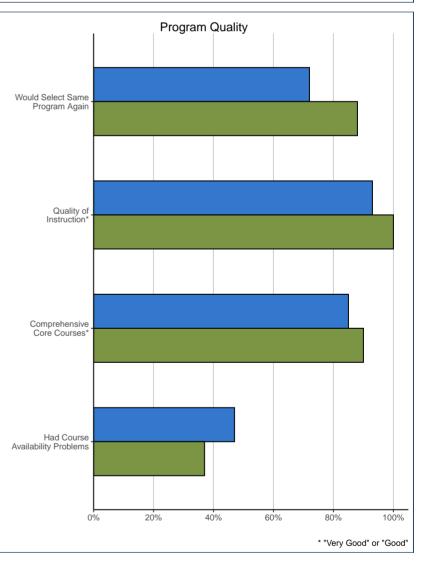
Would select the same program again:	14.0801		UB	со
Yes	15	88%	290	72%
No	2	12%	111	28%

Quality of Instruction:	14.0801		UB	CO
Very Good	3	16%	121	27%
Good	16	84%	295	66%
Poor	0	0%	26	6%
Very Poor	0	0%	5	1%
Total	19	100%	447	100%

Comprehensiveness of Core Courses:	14.0801		UBCO	
Very Good	3	16%	89	20%
Good	14	74%	287	65%
Poor	2	11%	56	13%
Very Poor	0	0%	7	2%
Total	19	100%	439	100%

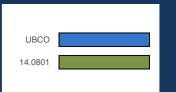
Course Availability:	14.0801		UB	со
Encountered course availability problems	7	37%	205	47%

Financial Constraints:	14.0801		UBCO	
Had to interrupt studies for financial reasons	1	5%	23	5%
Had to take program part-time for financial reasons	1	5%	34	8%



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

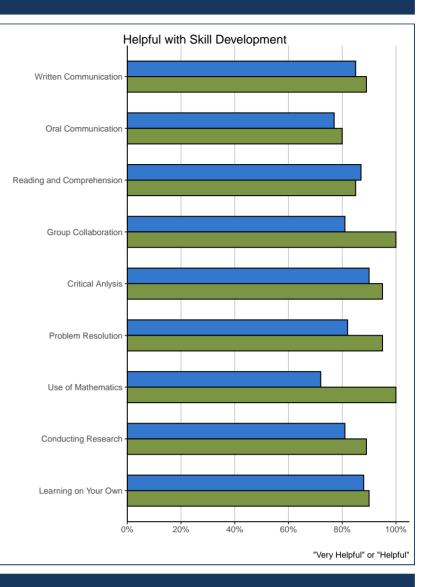




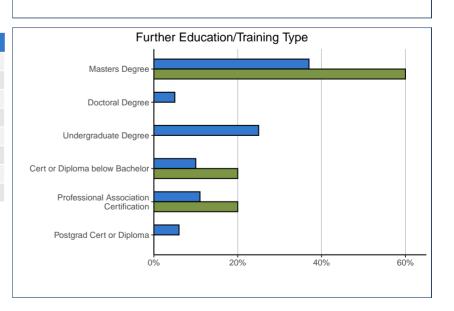
#### SKILL DEVELOPMENT

		14.0801				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.	
Written Communication	17%	72%	6%	6%	18	
Oral Communication	15%	65%	15%	5%	20	
Reading and Comprehension	25%	60%	15%	0%	20	
Group Collaboration	35%	65%	0%	0%	20	
Critical Anlysis	42%	53%	5%	0%	19	
Problem Resolution	30%	65%	5%	0%	20	
Use of Mathematics	50%	50%	0%	0%	20	
Conducting Research	42%	47%	5%	5%	19	
Learning on Your Own	35%	55%	10%	0%	20	

			UBCO		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	58%	13%	2%	437
Oral Communication	21%	56%	20%	3%	443
Reading and Comprehension	31%	56%	11%	1%	445
Group Collaboration	29%	52%	17%	2%	448
Critical Anlysis	46%	44%	8%	1%	448
Problem Resolution	24%	58%	14%	3%	438
Use of Mathematics	21%	51%	20%	8%	377
Conducting Research	33%	48%	17%	2%	431
Learning on Your Own	37%	51%	9%	2%	448



Have you taken further education since graduation?



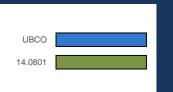
#### FURTHER EDUCATION

14.0801		UBCO	
5	25%	239	53%
2	10%	96	21%
1	5%	110	24%
2	10%	31	7%
15	75%	210	47%
20	100%	449	100%
	5 2 1 2 15	5     25%       2     10%       1     5%       2     10%       15     75%	525%239210%9615%110210%311575%210

Type of Formal Post–Secondary Education:	14.	0801	UB	со
Masters Degree	3	60%	87	37%
Doctoral Degree	0	0%	12	5%
Another Undergraduate Degree	0	0%	59	25%
Certificate or Diploma below Bachelor level	1	20%	23	10%
Professional Association Certification	1	20%	27	11%
Postaraduate Certificate or Diploma	0	0%	1/	6%

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Other	0	0%	13	6%
Total	5	100%	235	100%



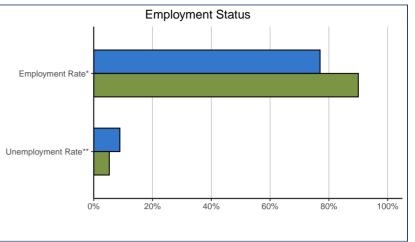


EMPLOYMENT

Labour Fource Status:	14.	14.0801		CO
In Labour Force (working or seeking work)	19	100%	381	86%
Not in Labour Force	0	0%	62	14%
Total	19	100%	443	100%
Employment:	14.	14.0801		CO

Employment:	14.0801		UBCO	
Employment Rate*	18	90%	347	77%
Unemployment Rate**	1	5.3%	34	8.9%
*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:	14.0801		UBCO	
Attending School FT	0	0%	51	82%
Attending School PT	0	0%	2	3%
Other	0	0%	9	15%
Total NOT in Labour Force	0	0%	62	100%

Primary Employment Type:	14.0801		UBCO	
Paid worker	18	100%	327	95%
Self-employed	0	0%	19	5%
Total	18	100%	346	100%

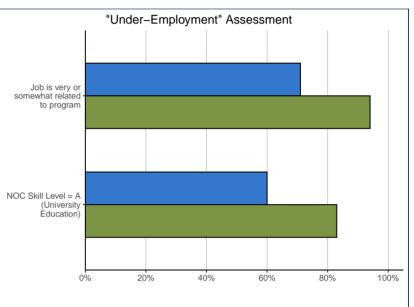
Job Characteristics:	14.	14.0801		со
I hold more than one job*	0	0%	68	20%
My main job is full-time (>= 30 hours per week)**	18	100%	290	88%
*Of total Employed				

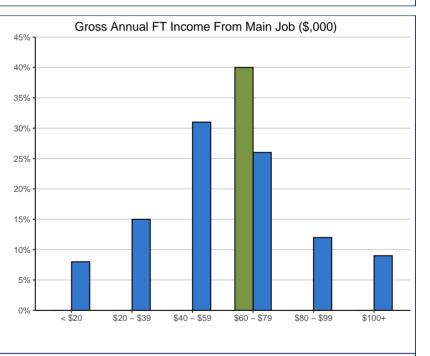


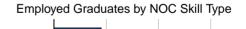
How related is your main job to your program?	14.0801		UBCO	
Very Related	9	50%	132	38%
Somewhat Related	8	44%	116	33%
Not Very Related	1	6%	49	14%
Not at All Related	0	0%	50	14%
Total	18	100%	347	100%

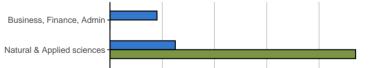
"Under-employment" Assessment:	14.0801		UB	со
Job is very or somewhat related to program	17	94%	248	71%
NOC Skill Level = A (University Education)*	15	83%	199	60%
*Of total valid responses				

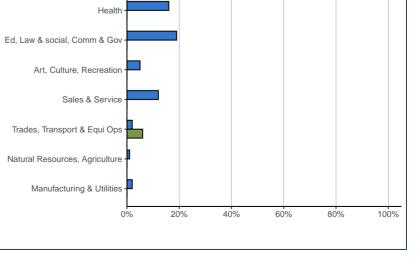
Gross Annual Income from Main Job:*	14.0801		UBCO		
Less than \$20,000	0	0%	21	8%	
\$20,000 to \$39,999	0	0%	40	15%	
\$40,000 to \$59,999	~	~	84	31%	
\$60,000 to \$79,999	6	40%	72	26%	
\$80,000 to \$99,999	~	~	32	12%	
\$100,000 and Above	~	~	26	9%	
Total	15	100%	275	100%	
Median Annual Income (full-time) (\$)	78,500		60,500		
Average Annual Income (full-time) (\$)	89,063		66,343		
Where data provided	00,000				
	00,000				
		0801	UB	со	
Where data provided NOC Skill Type of Main Job:		0801	UB 61	CO 18%	
Where data provided	14.				
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	14.t 0	0%	61	18%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	14. 0 17	0% 94%	61 83	18% 25%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration	14.0 0 17 0	0% 94% 0%	61 83 52	18% 25% 16%	
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 0 17 0 0	0% 94% 0% 0%	61 83 52 64	18% 25% 16% 19%	
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 17 0 0 0 0	0% 94% 0% 0%	61 83 52 64 16	18% 25% 16% 19% 5%	
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 17 0 0 0 0 0	0% 94% 0% 0% 0%	61 83 52 64 16 40	18% 25% 16% 19% 5% 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 Sales & service Trades, transport & equipment operators & related	14. 0 17 0 0 0 0 0 1	0% 94% 0% 0% 0% 0% 6%	61 83 52 64 16 40 6	18% 25% 16% 19% 5% 12% 2%	





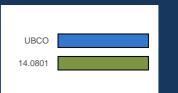




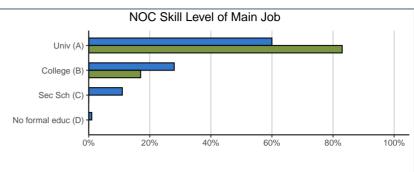


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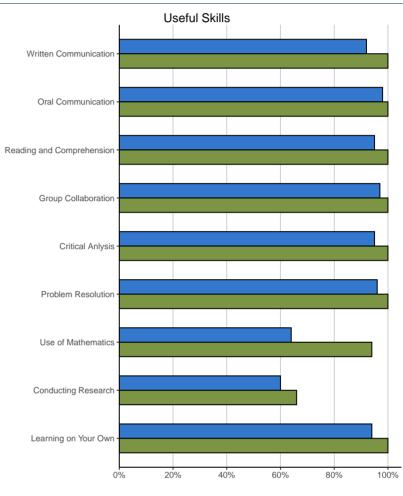


EMPLOYMENT, continued NOC Skill Level of Main Job: 14.0801 UBCO A. University education 15 83% 199 60% B. College education/trade apprenticeship 3 17% 94 28% C. Secondary school + job-specific training 0 0% 36 11% D. No formal education 0 3 0% 1% 100% 332 Total 18 100%



		14.0801			
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	83%	17%	0%	0%	18
Oral Communication	83%	17%	0%	0%	18
Reading and Comprehension	67%	33%	0%	0%	18
Group Collaboration	89%	11%	0%	0%	18
Critical Anlysis	78%	22%	0%	0%	18
Problem Resolution	83%	17%	0%	0%	18
Use of Mathematics	59%	35%	6%	0%	17
Conducting Research	33%	33%	28%	6%	18
Learning on Your Own	83%	17%	0%	0%	18

	UBCO				
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	66%	26%	4%	4%	347
Oral Communication	78%	20%	1%	1%	346
Reading and Comprehension	73%	22%	4%	1%	347
Group Collaboration	79%	18%	1%	1%	347
Critical Anlysis	75%	20%	3%	2%	347
Problem Resolution	80%	16%	2%	2%	346
Use of Mathematics	25%	39%	21%	16%	339
Conducting Research	28%	32%	24%	16%	341
Learning on Your Own	66%	28%	4%	3%	344



"Very Useful" or "Somewhat Useful"

Top 10 Full-time Oc	cupations of 14.0801 Gr	raduates:	14.0801
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2131	А	Civil engineers	61%
*			
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*			
* Data not displaved w	here $n < 5$		

\* Data not displayed where n < 5</p>

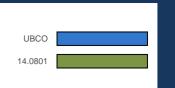
\*\* Percentages cited are of those employed

•	-		
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	А	Registered nurses and registered psychiatric nurses	9%
2132	А	Mechanical engineers	4%
2131	А	Civil engineers	3%
1221	В	Administrative officers	3%
XXXX	0	Unclassified occupations	2%
4031	А	Secondary school teachers	2%
4161	A	Natural and applied science policy researchers, consultants and program officers	2%
4212	В	Social and community service workers	2%
1123	A	Professional occupations in advertising, marketing and public relations	2%
2174	А	Computer programmers and interactive media developers	2%
* Data not displayed	where $n < 5$		

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed





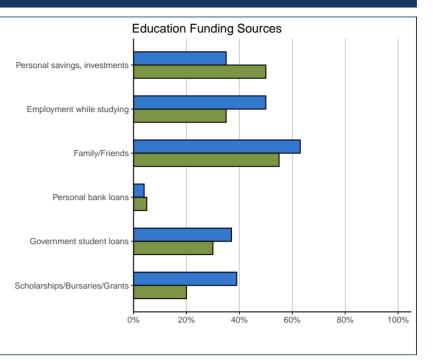
### EDUCATION FINANCING

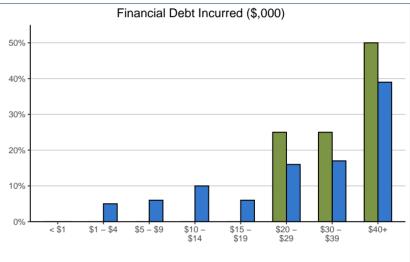
Funding Sources (3 sources allowed):*	14.	14.0801 UBCC		СО
Personal savings, investments	10	50%	157	35%
Employment while studying	7	35%	222	50%
Family/Friends	11	55%	278	63%
Personal bank loans	1	5%	19	4%
Government student loans	6	30%	163	37%
Scholarships/Bursaries/Grants	4	20%	173	39%
Other	4	20%	63	14%
Total	20		444	

\* Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.	14.0801		со
Incurred any form of financial debt	9	45%	211	47%
Incurred government-sponsored student loan debt	7	37%	185	41%
* Percentage of respondents who provided data				

Financial Debt Amount:*	14.0801		UBCO	
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	10	5%
\$5,000 to \$9,999	0	0%	12	6%
\$10,000 to \$14,999	0	0%	18	10%
\$15,000 to \$19,999	0	0%	12	6%
\$20,000 to \$29,999	2	25%	30	16%
\$30,000 to \$39,999	2	25%	32	17%
\$40,000 or More	4	50%	73	39%
Total	8	100%	187	100%
Median Financial Debt (\$)	40,800		30,000	



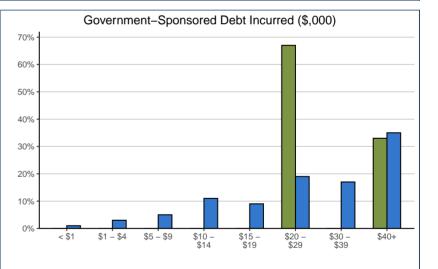


Includes only cases where financial debt was incurred

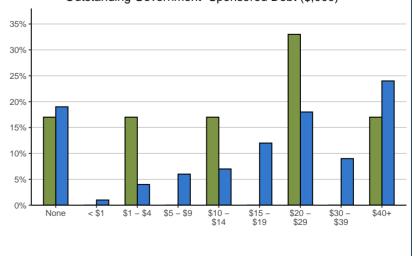
Gov't-Sponsored Student Loan Debt Amount:*	14.0	14.0801 UBCO		BCO
< \$1,000	0	0%	1	1%
\$1,000 to \$4,999	0	0%	4	3%
\$5,000 to \$9,999	0	0%	8	5%
\$10,000 to \$14,999	0	0%	16	11%
\$15,000 to \$19,999	0	0%	14	9%
\$20,000 to \$29,999	4	67%	28	19%
\$30,000 to \$39,999	0	0%	25	17%
\$40,000 or More	2	33%	52	35%
Total	6	100%	148	100%
Median Gov't-Sponsored Loan Debt (\$)	25,000		30,000	

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

Gov't-Sponsored Loan Debt Outstanding:*	14.	14.0801		BCO
None – Loan repaid in full	1	17%	31	19%
< \$1,000	0	0%	1	1%
\$1,000 to \$4,999	1	17%	7	4%
\$5,000 to \$9,999	0	0%	10	6%
\$10,000 to \$14,999	1	17%	12	7%
\$15,000 to \$19,999	0	0%	19	12%
\$20,000 to \$29,999	2	33%	30	18%
\$30,000 to \$39,999	0	0%	14	9%
\$40,000 or More	1	17%	39	24%
Total	6	100%	163	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	20,000		23,000	



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